3GPP TSG-SA WG1 Meeting #86 S1-1910002

Suzhou, China, 6 - 10 May 2019

Title: 1st Draft Agenda for SA1#86

Ag. Item: 1.1

Source: SA1 Chairman

Contact: Toon Norp

Submission Guidelines

* **Submission deadlines:**
  + **Tdoc number** and **CR number** requests: **Friday,** 26 April 2019, 23:00 UTC
  + Document **submission**: **Friday**, 26 April 2019, 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#86)
* Please use the document templates available at <http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_86_Suzhou/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>

**MEETING ROOMS:**

Room A: Plenary/Drafting Studio 5+6 (3F)

Room B: Breakout Studio 3+4 (3F)

|  |  |  |  |  |  |  |  |
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|  |  | **Monday** | **Tuesday** | **Wednesday** |  | **Thursday** | **Friday** |
| **Q0** | **08:00**  **09:00** |  | **Drafting 1 (Rm A):**  Session FS\_AVPROD  =================  **Drafting 2 (Rm B):**  Session FS\_MUSIM | **Drafting 1 (Rm A):**  Session FS\_EAV  =================  **Drafting 2 (Rm B):**  Session Railway | **08:00**  **09:00** | **Plenary:**  8.3 MPS  LSs | **Plenary:**  Revisions  FS\_eCAV  FS\_MINT |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  Plenary:  1. Opening  2. Reports  4. LSs | **Drafting 1 (Rm A):**  Session FS\_AVPROD  =================  **Drafting 2 (Rm B):**  Session FS\_MUSIM | **Drafting 1 (Rm A):**  Session FS\_EAV  =================  **Drafting 2 (Rm B):**  Railway | **09:00**  **10:30** | **Plenary:**  Revisions  LSs  WIDs | **Plenary:**  Revisions  Railway FS\_CMED  FS\_NCIS |
|  | **Coffee** |  |  |  | **Coffee** | **Normative TSs for Rel-17 WIDs** |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  4. LSs  5. WIDs | **Drafting 1 (Rm A):**  Session FS\_eCAV  =================  **Drafting 2 (Rm B):**  Session FS\_CMED | **Drafting 1 (Rm A):**  Session FS\_EAV  =================  **Drafting 2 (Rm B):**  Session FS\_MUSIM | **11:00**  **12:30** | **Plenary:**  Revisions  WIDs  Quality CRs  Rel-16 | **Plenary:**  Revisions |
|  | **Lunch** |  | **3. Chairman election  (first round)** | **3. Chairman election** | **Lunch** |  |  |
| **Q3** | **14:00**  **15:30** | **Plenary:**  5. WIDs | **Drafting 1 (Rm A):**  Session FS\_eCAV  =================  **Drafting 2 (Rm B):**  Session FS\_CMED | **Drafting 1 (Rm A):**  Session FS\_REFEC  =================  **Drafting 2 (Rm B):**  Session Railway | **14:00**  **15:30** | **Plenary:**  Revisions  FS\_EAV | **Plenary:**  Revisions  10.1 Workplan, 10.2 Status  Meeting closes at 16:00 latest |
|  | **Coffee** |  |  | **Drafting on Normative TSs** | **Coffee** |  |  |
| **Q4** | **16:00**  **18:00** | **Plenary:**  6. Quality improvement  7. Rel-16 and earlier  8.5 5G\_ATRAC | **Drafting 1 (Rm A)**  Session FS\_REFEC  =================  **Drafting 2 (Rm B):**  FS\_MINT | **Drafting 1 (Rm A)**  Session FS\_NCIS + FS\_AVPROD  =================  **Drafting 2 (Rm B):**  FS\_MINT | **16:00**  **18:00** | **Plenary:**  Revisions  FS\_REFEC |  |
|  |  |  |  |  |  |  |  |
| **Q5** | **18:10**  **19:30** | **Drafting:**  FS\_NCIS | **MMS** | **Drafting 1 (Rm A):**  FS\_eCAV  =================  **Drafting 2 (Rm B):**  FS\_CMED | **18:10**  **19:30** | **Plenary:**  Revisions  FS\_AVPROD  FS\_MUSIM |  |

**NOTE:**

**Slots scheduled based on contributions submitted**

**Slot allocation is a rough guideline and is subject to change during the meeting week**

**Drafting sessions:**

Session FS\_NCIS *– chaired by Toon Norp*

Session FS\_AVPROD *– chaired by Toon Norp*

Session FS\_REFEC *– chaired by Greg Schumacher*

Session FS\_EAV *– chaired by Ki-Dong Lee*

Session FS\_CMED *– chaired by Ki-Dong Lee*

Session FS\_eCAV *– chaired by Greg Schumacher*

Session FS\_MINT *– chaired by Ki-Dong Lee*

Session FS\_MUSIM *– chaired by Greg Schumacher*

Session Railway *– chaired by Toon Norp (subject to approval of study/work item)*

**LEGEND**

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

**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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| --- | --- | --- | --- | --- | --- |
| 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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| 1. **Opening of the meeting** | | | | | |
| Opening of the meeting at 09:00 on Monday 6 May 2019 | | | | | |
| * 1. **Agenda and scheduling** | | | | | |
| AGE | [S1-191000](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190000.zip) | SA1 Chairman | Draft agenda for SA1#86 | Revised to S1-191001 |  |
| AGE | [S1-191001](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191001.zip) | SA1 Chairman | Draft agenda and schedule for SA1#86 | Revised to S1-191002 | Revision of S1-191000. |
| AGE | [S1-191002](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191002.zip) | SA1 Chairman | Final agenda and schedule for SA1#86 | Agreed | *Revision of S1-191000.*  Revision of S1-191001. |
| IPR, antitrust and competition laws | | | | | |
|  | | 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 are, 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. | | |  |
|  | | 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. | | |  |
| * 1. **Previous SA1 meeting report** | | | | | |
| The report of the last meeting will be approved at the start of the meeting. | | | | | |
| REP | [S1-191004](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190004.zip) | ETSI | Draft minutes of SA1#85 | Revised to S1-191005 |  |
| REP | [S1-191005](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191005.zip) | ETSI | Draft minutes of SA1#85 | Agreed | Revision of S1-191004. |
| * 1. **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 as revision marks against existing text in the draft TS/TR, otherwise p-CRs may be Noted | | | | | |
| * 1. **Information for rapporteurs** | | | | | |
| "Beginner's guide" for writing a new TS/TR is available at <http://www.3gpp.org/specifications-groups/delegates-corner/writing-a-new-spec> (feedback on content is welcome!)  For detailed drafting guidelines, please see [TR 21.801](http://www.3gpp.org/DynaReport/21801.htm)  Rapporteurs are expected to produce a work item/study item status report for the end of the meeting under agenda item 9.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_85_Tallin/templates/Template_WI_Status_Update.zip).  For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. | | | | | |
| * 1. **Working agreements** | | | | | |
| None | | | | | |
| 1. **Reports and action items** | | | | | |
| REP | [S1-191003](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191003.zip) | SA1 chairman | SA1-related topics at SA#83 | Noted |  |
| WP | [S1-191006](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191006.zip) | MCC | Extract of the 3GPP Work Plan for SA1#86 | Noted |  |
| 1. **Chairman Elections** | | | | | |
| During the 3GPP SA1 #86 meeting there will be elections for 3GPP SA1 chair.  Known candidates are currently: Ki-Dong Lee (LG) and Jose Almodovar (KPN) | | | | | |
| 1. **Liaison Statements (including related contributions)** | | | | | |
| **Authentication** | | | | | |
| TO | [S1-191215](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191215.zip) | CableLabs | Residential use case for 5G Core with fixed broadband access | Noted |  |
| Cont | [S1-191062](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191062.zip) | Charter Communications, Comcast, CableLabs | Authentication for UEs not Supporting NAS via broadband access | Noted |  |
| CR | [S1-191063](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191063.zip) | Charter Communications, Comcast, CableLabs | CR22.261v16.7.0: Alternative authentication methods for N3GPP devices | Revised to S1-191286 | WI code 5WWC Rel-16 CR0357R- Cat C  Check WI-code (use a SA1 code, e.g. SMARTER\_Ph2), Rel-16 is frozen so is this alignment with Stage2/3? Fill in Date on cover page |
| CR | [S1-191286](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191286.zip) | Charter Communications, Comcast, CableLabs | CR22.261v16.7.0: Alternative authentication methods for N3GPP devices | Noted | *WI code 5WWC Rel-16 CR0357R- Cat C*  *Check WI-code (use a SA1 code, e.g. SMARTER\_Ph2), Rel-16 is frozen so is this alignment with Stage2/3? Fill in Date on cover page*  Revision of S1-191063. |
| TO | [S1-191222](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191222.zip) | S2-1904829 (Charter) | Reply LS on Authentication for UEs not Supporting NAS | Noted | Response to S3-190519 |
| OUT | [S1-191086](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191086.zip) | Intel | Reply LS on Authentication for UEs not Supporting NAS | Revised to S1-191287 | Response to S2-1904829 |
| OUT | [S1-191287](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191287.zip) | Intel | Reply LS on Authentication for UEs not Supporting NAS | Revised to S1-191595 | *Response to S2-1904829*  Revision of S1-191086. |
| OUT | [S1-191595](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191595.zip) | Intel | Reply LS on Authentication for UEs not Supporting NAS | Agreed | *Response to S2-1904829*  *Revision of S1-191086.*  Revision of S1-191287.  No presentation |
| **eXtended Reality** | | | | | |
| TO | [S1-191474](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191474.zip) | S4-190529 | LS on Use cases foe eXtended Reality in 5G | Noted |  |
| OUT | [S1-191075](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191075.zip) | Oppo | Reply LS on Use cases for eXtended Reality (XR) in 5G | Revised to S1-191226 | Response to S4-190529 |
| OUT | [S1-191226](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191226.zip) | Oppo | Reply LS on Use cases for eXtended Reality (XR) in 5G | Revised to S1-191511 | *Response to S4-190529*  Revision of S1-191075. |
| OUT | [S1-191511](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191511.zip) | Oppo | Reply LS on Use cases for eXtended Reality (XR) in 5G | Revised to S1-191596 | *Response to S4-190529*  *Revision of S1-191075.*  Revision of S1-191226. |
| OUT | [S1-191596](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191596.zip) | Oppo | Reply LS on Use cases for eXtended Reality (XR) in 5G | Agreed | *Response to S4-190529*  *Revision of S1-191075.*  *Revision of S1-191226.*  Revision of S1-191511.  No presentation |
| **Enhanced access control for IMS signalling** | | | | | |
| TO | [S1-191210](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191210.zip) | C1-1911681 (Huawei) | LS on enhanced access control for IMS signalling | Postponed |  |
| OUT | [S1-191083](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191083.zip) | Intel | Reply LS on on Enhanced Access Control for IMS Signalling | Noted | Response to C1-191681 |
| CR | [S1-191084](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191084.zip) | Intel | CR22.011v16.4.0: Enhanced access control for IMS signalling | Noted | WI code TEI16 Rel-16 CR0306R- Cat B  SMARTER\_Ph2? |
| CR | [S1-191085](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191085.zip) | Intel | CR22.261v16.7.0: Enhanced access control for IMS signalling | Noted | WI code TEI16 Rel-16 CR0358R- Cat B  SMARTER\_Ph2? Add clauses affected 6.22.2.1 and 6.22.2.3 |
| Cont | [S1-191058](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191058.zip) | HUAWEI Technologies | Discussion on enhanced access control for IMS signalling | Withdrawn |  |
| CR | [S1-191059](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191059.zip) | HUAWEI Technologies | CR22.011v16.4.0: Update to Access Class Barring for IMS signalling | Withdrawn | *WI code TEI16 Rel-16 CR0305R- Cat C* |
| CR | [S1-191060](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191060.zip) | HUAWEI Technologies | CR22.261v16.7.0: Update to Unified Access Control for IMS signalling | Withdrawn | *WI code TEI16 Rel-16 CR0356R- Cat C* |
| OUT | [S1-191061](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191061.zip) | HUAWEI Technologies | Reply LS on enhanced access control for IMS signalling | Withdrawn |  |
| **MMTel injected tone** | | | | | |
| TO | [S1-191211](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191211.zip) | C1-191683 (Ericsson) | LS on UE injected Tone | Noted |  |
| CR | [S1-191150](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191150.zip) | Deutsche Telekom | CR22.173v16.2.0: UE injected tone in case of call is being forwarded/call is queued | Revised to S1-191281 | WI code TEI16 Rel-16 CR0124R- Cat F |
| CR | [S1-191281](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191281.zip) | Deutsche Telekom | CR22.173v16.2.0: UE injected tone in case of call is being forwarded/call is queued | Revised to S1-191288 | *WI code TEI16 Rel-16 CR0124R- Cat F*  Revision of S1-191150. |
| CR | [S1-191288](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191288.zip) | Deutsche Telekom | CR22.173v16.2.0: UE injected tone in case of call is being forwarded/call is queued | Agreed | *WI code TEI16 Rel-16 CR0124R- Cat F*  *Revision of S1-191150.*  Revision of S1-191281. |
| OUT | [S1-191289](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191289.zip) | Deutsche Telekom | Reply LS on UE injected Tone | Revised to S1-191512 |  |
| OUT | [S1-191512](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191512.zip) | Deutsche Telekom | Reply LS on UE injected Tone | Agreed | Revision of S1-191289.  No presentation |
| **Other** | | | | | |
| TO | [S1-191216](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191216.zip) | ETSI EMTEL(19)000016 | LS on the availability of and requesting feedback on the stable draft TR 103 582 from ETSI STF555 - "Study of use cases and communications involving IoT devices in emergency situations" | Noted |  |
| TO | [S1-191223](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191223.zip) | ITU-T Focus Group on Vehicular Multimedia (FG-VM) | LS to request inputs on the Vehicular Multimedia technical report and to invite participation from relevant stakeholders | Noted |  |
| TO | [S1-191282](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191282.zip) | IALA | Reply LS on the update of 3GPP Release 16 Stage 1 MARCOM standardization | Postponed |  |
| TO | [S1-191280](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191280.zip) | AIOTI | LS on availability of Release 2 of AIOTI report on “AOITI relation and impact on 5G” | Noted |  |
| CC | [S1-191209](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191209.zip) | C1-191522 (Ericsson) | Reply LS on securing warning messages in ePWS | Noted | Response to S3-190406 |
| CC | [S1-191212](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191212.zip) | C1-192780 (Huawei) | LS on Equivalent SNPN | Noted |  |
| CC | [S1-191220](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191220.zip) | R2-1902693 (Ericsson) | Reply LS on barred access due to rejection from NG-RAN | Noted | Response to C1-188954 |
| CC | [S1-191213](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191213.zip) | C1-192781 (Qualcomm) | Reply LS on barred access due to rejection from NG-RAN | Noted | Response to R2-1902693 |
| CC | [S1-191214](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191214.zip) | C4-190485 (Nokia) | Reply LS on GTP Recovery Counter & GSN node behaviour | Noted | Response to C4-190044 |
| CC | [S1-191217](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191217.zip) | R2-1902371 (Nokia) | Reply LS on TSN integration in the 5G System | Noted | Response to S2-189051 |
| CC | [S1-191218](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191218.zip) | R2-1902498 (LG) | Reply LS on RAT selection for SL | Noted | Response to S2-1901380 |
| CC | [S1-191219](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191219.zip) | R2-1902505 (Ericsson) | LS on interface selection | Noted |  |
| CC | [S1-191221](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191221.zip) | S2-1904824 (Huawei) | LS Reply to 3GPP on Time-Criticality of In-Advance QoS Notification | Noted | Response to 5GAA\_A-180328 |
| CC | [S1-191224](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191224.zip) | ITU-T Study Group 11 | LS on creation of New Work Item on ‘Reliability of IMEI identifier’ | Noted |  |
| 1. **New Study and Work Items (including related contributions)** | | | | | |
| **WIDs related to existing Rel-17 SIDs** | | | | | |
| WID | [S1-191015](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191015.zip) | b<>com, KT, Hansung University | WID on Communication Service Requirements for Critical Medical Applications | Revised to S1-191278 | 4 supporting companies needed |
| WID | [S1-191278](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191278.zip) | b<>com, KT, Hansung University | WID on Communication Service Requirements for Critical Medical Applications | Revised to S1-191470 | *4 supporting companies needed*  Revision of S1-191015. |
| WID | [S1-191470](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191470.zip) | b<>com, KT, Hansung University | WID on Communication Service Requirements for Critical Medical Applications | Revised to S1-191528 | *4 supporting companies needed*  *Revision of S1-191015.*  Revision of S1-191278. |
| WID | [S1-191528](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191528.zip) | b<>com, KT, Hansung University | WID on Communication Service Requirements for Critical Medical Applications | Revised to S1-191597 | *4 supporting companies needed*  *Revision of S1-191015.*  Revision of S1-191278. |
| WID | [S1-191597](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191597.zip) | b<>com, KT, Hansung University | WID on Communication Service Requirements for Critical Medical Applications | Agreed | *4 supporting companies needed*  *Revision of S1-191015.*  *Revision of S1-191278.*  Revision of S1-191528. |
| WID | [S1-191023](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191023.zip) | Intel | New WID on Support for Multi-USIM Devices | Revised to S1-191471 | Check supporting companies (no question marks) |
| WID | [S1-191471](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191471.zip) | Intel | New WID on Support for Multi-USIM Devices | Revised to S1-191599 | *Check supporting companies (no question marks)*  Revision of S1-191023. |
| WID | [S1-191599](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191599.zip) | Intel | New WID on Support for Multi-USIM Devices | Revised to S1-191635 | *Check supporting companies (no question marks)*  *Revision of S1-191023.*  Revision of S1-191471. |
| WID | [S1-191635](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191635.zip) | Intel | New WID on Support for Multi-USIM Devices | Agreed | *Check supporting companies (no question marks)*  *Revision of S1-191023.*  *Revision of S1-191471.*  Revision of S1-191599.  No presentation |
| WID | [S1-191076](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191076.zip) | China Telecom, OPPO, Tencent, Xiaomi | Proposed WID on Network Controlled Interactive Service (NCIS) Requirements | Revised to S1-191123 |  |
| WID | [S1-191123](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191123.zip) | China Telecom, OPPO, Tencent, Xiaomi, Huawei, Huawei Device | Proposed WID on Network Controlled Interactive Service (NCIS) Requirements | Revised to S1-191472 | Revision of S1-191076. |
| WID | [S1-191472](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191472.zip) | China Telecom, OPPO, Tencent, Xiaomi, Huawei, Huawei Device | Proposed WID on Network Controlled Interactive Service (NCIS) Requirements | Revised to S1-191513 | *Revision of S1-191076.*  Revision of S1-191123. |
| WID | [S1-191513](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191513.zip) | China Telecom, OPPO, Tencent, Xiaomi, Huawei, Huawei Device | Proposed WID on Network Controlled Interactive Service (NCIS) Requirements | Revised to S1-191602 | *Revision of S1-191076.*  *Revision of S1-191123.*  Revision of S1-191472. |
| WID | [S1-191602](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191602.zip) | China Telecom, OPPO, Tencent, Xiaomi, Huawei, Huawei Device | Proposed WID on Network Controlled Interactive Service (NCIS) Requirements | Revised to S1-191636 | *Revision of S1-191076.*  *Revision of S1-191123.*  *Revision of S1-191472.*  Revision of S1-191513. |
| WID | [S1-191636](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191636.zip) | China Telecom, OPPO, Tencent, Xiaomi, Huawei, Huawei Device | Proposed WID on Network Controlled Interactive Service (NCIS) Requirements | Agreed | *Revision of S1-191076.*  *Revision of S1-191123.*  *Revision of S1-191472.*  *Revision of S1-191513.*  Revision of S1-191602.  No presentation |
| WID | [S1-191122](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191122.zip) | China Unicom | New WID Proposal: 5G enhancement for UAVs | Revised to S1-191473 | Remove question marks from supporting companies – needs 4 |
| WID | [S1-191473](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191473.zip) | China Unicom | New WID Proposal: 5G enhancement for UAVs | Revised to S1-191514 | *Remove question marks from supporting companies – needs 4*  Revision of S1-191122. |
| WID | [S1-191514](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191514.zip) | China Unicom | New WID Proposal: 5G enhancement for UAVs | Revised to S1-191604 | *Remove question marks from supporting companies – needs 4*  *Revision of S1-191122.*  Revision of S1-191473. |
| WID | [S1-191604](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191604.zip) | China Unicom | New WID Proposal: 5G enhancement for UAVs | Agreed | *Remove question marks from supporting companies – needs 4*  *Revision of S1-191122.*  *Revision of S1-191473.*  Revision of S1-191514.  No presentation |
| WID | [S1-191149](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191149.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Revised to S1-191475 |  |
| WID | [S1-191475](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191475.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Revised to S1-191515 | Revision of S1-191149. |
| WID | [S1-191515](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191515.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Revised to S1-191581 | *Revision of S1-191149.*  Revision of S1-191475. |
| WID | [S1-191581](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191581.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Revised to S1-191607 | *Revision of S1-191149.*  *Revision of S1-191475.*  Revision of S1-191515. |
| WID | [S1-191607](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191607.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Revised to S1-191626 | *Revision of S1-191149.*  *Revision of S1-191475.*  *Revision of S1-191515.*  Revision of S1-191581. |
| WID | [S1-191626](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191626.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Revised to S1-191633 | *Revision of S1-191149.*  *Revision of S1-191475.*  *Revision of S1-191515.*  *Revision of S1-191581.*  Revision of S1-191607. |
| WID | [S1-191633](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191633.zip) | KPN | New WID on enhanced Relays for Energy eFficiency and Extensive Coverage | Agreed | *Revision of S1-191149.*  *Revision of S1-191475.*  *Revision of S1-191515.*  *Revision of S1-191581.*  *Revision of S1-191607.*  Revision of S1-191626. |
| Cont | [S1-191165](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191165.zip) | EBU, Ericsson | Normative work for the new WID for AV Production | Revised to S1-191476 | *Moved from 8.2* |
| Cont | [S1-191476](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191476.zip) | EBU, Ericsson | Normative work for the new WID for AV Production | Withdrawn | *Moved from 8.2*  Revision of S1-191165. |
| WID | [S1-191163](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191163.zip) | EBU | New WID on Audio-Visual Service Production | Revised to S1-191507 | *Moved from 8.2* |
| WID | [S1-191507](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191507.zip) | EBU | New WID on Audio-Visual Service Production | Revised to S1-191516 | *Moved from 8.2*  Revision of S1-191163. |
| WID | [S1-191516](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191516.zip) | EBU | New WID on Audio-Visual Service Production | Revised to S1-191610 | *Moved from 8.2*  *Revision of S1-191163.*  Revision of S1-191507. |
| WID | [S1-191610](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191610.zip) | EBU | New WID on Audio-Visual Service Production | Agreed | *Moved from 8.2*  *Revision of S1-191163.*  *Revision of S1-191507.*  Revision of S1-191516.  No presentation |
| WID | [S1-191182](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191182.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Revised WID for Feasibility Study on Multimedia Priority Service (MPS) Phase 2 | Agreed |  |
| WID | [S1-191184](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191184.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | New WID on Multimedia Priority Service (MPS) Phase 2 | Revised to S1-191447 | Confirm supporting companies |
| WID | [S1-191447](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191447.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | New WID on Multimedia Priority Service (MPS) Phase 2 | Agreed | *Confirm supporting companies*  Revision of S1-191184. |
| Cont | [S1-191185](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191185.zip) | Siemens | Motivation for Rel-17 new Work Item eCAV on cyberCAV topics | Noted |  |
| WID | [S1-191186](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191186.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Revised to S1-191283 | 4 supporting companies needed |
| WID | [S1-191283](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191283.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Revised to S1-191479 | *4 supporting companies needed*  Revision of S1-191186. |
| WID | [S1-191479](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191479.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Revised to S1-191517 | *4 supporting companies needed*  *Revision of S1-191186.*  Revision of S1-191283. |
| WID | [S1-191517](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191517.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Revised to S1-191613 | *4 supporting companies needed*  *Revision of S1-191186.*  *Revision of S1-191283.*  Revision of S1-191479. |
| WID | [S1-191613](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191613.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Revised to S1-191637 | *4 supporting companies needed*  *Revision of S1-191186.*  *Revision of S1-191283.*  *Revision of S1-191479.*  Revision of S1-191517. |
| WID | [S1-191637](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191637.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Revised to S1-191642 | *4 supporting companies needed*  *Revision of S1-191186.*  *Revision of S1-191283.*  *Revision of S1-191479.*  *Revision of S1-191517.*  Revision of S1-191613.  No presentation |
| WID | [S1-191642](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191642.zip) | Siemens | New WID on service requirements on enhancements for cyber-physical control applications in vertical domains (eCAV) | Agreed | *4 supporting companies needed*  *Revision of S1-191186.*  *Revision of S1-191283.*  *Revision of S1-191479.*  *Revision of S1-191517.*  *Revision of S1-191613.*  *No presentation*  Revision of S1-191637.  No presentation |
| Cont | [S1-191375](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191517.zip) | Chairman | Drafting on normative TSs | Noted |  |
| **New WIDs/SIDs not related to existing Rel-17 SIDs** | | | | | |
| WID | [S1-191031](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191031.zip) | UIC, NOKIA, Hansung University, KT Corp., ETRI | New Study on Future Railway Mobile Communication System3 | Revised to S1-191481 | Two rapporteurs? |
| WID | [S1-191481](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191481.zip) | UIC, NOKIA, Hansung University, KT Corp., ETRI | New Study on Future Railway Mobile Communication System3 | Agreed | *Two rapporteurs?*  Revision of S1-191031.  No presentation |
| WID | [S1-191042](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191042.zip) | UIC, Hansung University, KT Corp., ETRI. | New WID on Mobile Communication System for Railways 3 | Revised to S1-191482 |  |
| WID | [S1-191482](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191482.zip) | UIC, Hansung University, KT Corp., ETRI. | New WID on Mobile Communication System for Railways 3 | Revised to S1-191587 | Revision of S1-191042. |
| WID | [S1-191587](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191587.zip) | UIC, Hansung University, KT Corp., ETRI. | New WID on Mobile Communication System for Railways 3 | Agreed | *Revision of S1-191042.*  Revision of S1-191482.  No presentation |
| WID | [S1-191064](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191064.zip) | Alibaba (China) Group. | New SID on requirement of data model for 5G IoT UE in Vertical Domains | Revised to S1-191483 | 4 Supporting companies needed  Check completion timing |
| WID | [S1-191483](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191483.zip) | Alibaba (China) Group. | New SID on requirement of data model for 5G IoT UE in Vertical Domains | Noted | *4 Supporting companies needed*  *Check completion timing*  Revision of S1-191064. |
| OUT | [S1-191504](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191504.zip) | Alibaba (China) Group. | LS on unified data models for IoT | Revised to S1-191518 |  |
| OUT | [S1-191518](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191518.zip) | Alibaba (China) Group. | LS on unified data models for IoT | Noted | Revision of S1-191504. |
| WID | [S1-191128](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191128.zip) | NTT DOCOMO | New WID on Enhancement for the 5G Control Plane Steering of Roaming | Revised to S1-191484 | 4 Supporting companies needed |
| WID | [S1-191484](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191484.zip) | NTT DOCOMO | New WID on Enhancement for the 5G Control Plane Steering of Roaming | Noted | *4 Supporting companies needed*  Revision of S1-191128. |
| Cont | [S1-191176](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191176.zip) | OMESH Networks, China Telecom, Tencent, CATT  TELUS, China Unicom, Sequans  Fudan University | Extended Motivation of 5GSI | Noted |  |
| WID | [S1-191178](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191178.zip) | OMESH Networks, China Telecom | New SID on Smart Infrastructure over 5G Systems | Revised to S1-191486 | TR for information at TSG#84? |
| WID | [S1-191486](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191486.zip) | OMESH Networks, China Telecom | New SID on Smart Infrastructure over 5G Systems | Noted | *TR for information at TSG#84?*  Revision of S1-191178. |
| **FS\_FRMCS3** | | | | | |
| CR | [S1-191032](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191032.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 6 Critical communication applications related use cases | Revised to S1-191381 | WI code FS\_FRMCS3 Rel-17 CR0138R- Cat F  Update causes affected |
| CR | [S1-191381](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191381.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 6 Critical communication applications related use cases | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0138R- Cat F*  *Update causes affected*  Revision of S1-191032. |
| CR | [S1-191033](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191033.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 7 Performance communication applications related use cases + editorial corrections. | Revised to S1-191382 | WI code FS\_FRMCS3 Rel-17 CR0139R- Cat F  Update causes affected |
| CR | [S1-191382](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191382.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 7 Performance communication applications related use cases + editorial corrections. | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0139R- Cat F*  *Update causes affected*  Revision of S1-191033.  No presentation |
| CR | [S1-191034](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191034.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 8 Business communication applications related use cases | Revised to S1-191383 | WI code FS\_FRMCS3 Rel-17 CR0140R- Cat F  Update causes affected |
| CR | [S1-191383](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191383.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 8 Business communication applications related use cases | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0140R- Cat F*  *Update causes affected*  Revision of S1-191034.  No presentation |
| CR | [S1-191035](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191035.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 9 Critical support applications related use cases | Revised to S1-191384 | WI code FS\_FRMCS3 Rel-17 CR0141R- Cat F  Update causes affected |
| CR | [S1-191384](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191384.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 9 Critical support applications related use cases | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0141R- Cat F*  *Update causes affected*  Revision of S1-191035.  No presentation |
| CR | [S1-191036](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191036.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 12 FRMCS System principles related use cases | Merged into S1-191385 | WI code FS\_FRMCS3 Rel-17 CR0142R- Cat F  Update causes affected |
| CR | [S1-191385](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191385.zip) | UIC | CR22.889v16.6.0: Update gap analysis for requirements in subclause 12 FRMCS System principles related use cases | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0142R- Cat F*  *Update causes affected*  Merge of S1-191036 and S1-191048.  No presentation |
| CR | [S1-191037](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191037.zip) | UIC | CR22.889v16.6.0: Prevent deregistration or take over of functional identity when communication is on-going | Noted | WI code FS\_FRMCS3 Rel-17 CR0143R- Cat C |
| CR | [S1-191038](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191038.zip) | UIC | CR22.889v16.6.0: Real-time video communication (video conferencing) use cases | Revised to S1-191386 | WI code FS\_FRMCS3 Rel-17 CR0144R- Cat B  Changes to existing clause numbering? |
| CR | [S1-191386](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191386.zip) | UIC | CR22.889v16.6.0: Real-time video communication (video conferencing) use cases | Revised to S1-191586 | *WI code FS\_FRMCS3 Rel-17 CR0144R- Cat B*  *Changes to existing clause numbering?*  Revision of S1-191038.  No presentation |
| CR | [S1-191586](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191586.zip) | UIC | CR22.889v16.6.0: Real-time video communication (video conferencing) use cases | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0144R- Cat B*  *Changes to existing clause numbering?*  *Revision of S1-191038.*  *No presentation*  Revision of S1-191386. |
| CR | [S1-191039](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191039.zip) | UIC | CR22.889v16.6.0: Editorial corrections to TR 22.889 | Revised to S1-191387 | WI code FS\_FRMCS3 Rel-17 CR0145R- Cat D  Correction of existing clause numbering? |
| CR | [S1-191387](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191387.zip) | UIC | CR22.889v16.6.0: Editorial corrections to TR 22.889 | Agreed | *WI code FS\_FRMCS3 Rel-17 CR0145R- Cat D*  *Correction of existing clause numbering?*  Revision of S1-191039. |
| CR | [S1-191157](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191157.zip) | Ericsson | CR22.889v16.6.0: Finalize gap analysis chapter 9.9 and 6.19 (FRMCS3) | Revised to S1-191388 | WI code DUMMY Rel-17 CR0147R- Cat D  Not available |
| CR | [S1-191388](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191388.zip) | Ericsson | CR22.889v16.6.0: Finalize gap analysis chapter 9.9 and 6.19 (FRMCS3) | Agreed | *WI code DUMMY Rel-17 CR0147R- Cat D*  *Not available*  Revision of S1-191157. |
| CR | [S1-191148](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191148.zip) | Hansung University, ETRI | CR22.889v16.6.0: | Merged into S1-191385 | WI code MONASTERY3 Rel-17 CR0117R- Cat F |
| **MONASTERY3** | | | | | |
| CR | [S1-191043](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191043.zip) | UIC | CR22.179v16.5.0: Enhance interworking between MCPTT Group Call and Advanced Speech Call Items used in GSM-R with identity of GSM-R initiator. | Noted | WI code MONASTERY3 Rel-17 CR0071R- Cat C  Clauses affected 6.18.4.2  Check proposed changes affects |
| CR | [S1-191115](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191115.zip) | UIC | CR22.179v16.5.0: Correcting inconsistency of call termination condition for MCX Service types | Noted | WI code MONASTERY3 Rel-17 CR0072R- Cat C  Check proposed changes affects |
| CR | [S1-191045](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191045.zip) | UIC | CR22.280v16.5.0: Enhance metadata to be logged for Railway post-incident analysis | Revised to S1-191389 | WI code MONASTERY3 Rel-17 CR0108R- Cat C  Check proposed changes affects |
| CR | [S1-191389](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191389.zip) | UIC | CR22.280v16.5.0: Enhance metadata to be logged for Railway post-incident analysis | Revised to S1-191591 | *WI code MONASTERY3 Rel-17 CR0108R- Cat C*  *Check proposed changes affects*  Revision of S1-191045. |
| CR | [S1-191591](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191591.zip) | UIC | CR22.280v16.5.0: Enhance metadata to be logged for Railway post-incident analysis | Agreed | *WI code MONASTERY3 Rel-17 CR0108R- Cat C*  *Check proposed changes affects*  *Revision of S1-191045.*  Revision of S1-191389.  No presentation |
| CR | [S1-191048](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191048.zip) | UIC | CR22.280v16.5.0: Provide functional alias(es) of all participants | Withdrawn | WI code MONASTERY3 Rel-17 CR0109R- Cat C  Check proposed changes affects |
| CR | [S1-191049](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191049.zip) | UIC | CR22.280v16.5.0: Add new capabilities for late communication entry. | Revised to S1-191588 | WI code MONASTERY3 Rel-17 CR0110R- Cat C  Check proposed changes affects |
| CR | [S1-191588](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191588.zip) | UIC | CR22.280v16.5.0: Add new capabilities for late communication entry. | Agreed | *WI code MONASTERY3 Rel-17 CR0110R- Cat C*  *Check proposed changes affects*  Revision of S1-191049.  No presentation |
| CR | [S1-191051](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191051.zip) | UIC | CR22.280v16.5.0: Deactivation of an unlisted functional alias and deactivation status | Revised to S1-191390 | WI code MONASTERY3 Rel-17 CR0111R- Cat C  Check proposed changes affects |
| CR | [S1-191390](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191390.zip) | UIC | CR22.280v16.5.0: Deactivation of an unlisted functional alias and deactivation status | Revised to S1-191589 | *WI code MONASTERY3 Rel-17 CR0111R- Cat C*  *Check proposed changes affects*  Revision of S1-191051.  No presentation |
| CR | [S1-191589](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191589.zip) | UIC | CR22.280v16.5.0: Deactivation of an unlisted functional alias and deactivation status | Agreed | *WI code MONASTERY3 Rel-17 CR0111R- Cat C*  *Check proposed changes affects*  *Revision of S1-191051.*  *No presentation*  Revision of S1-191390.  No presentation |
| CR | [S1-191052](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191052.zip) | UIC | CR22.280v16.5.0: Prevent deactivation or take over of functional alias when a communication e.g. emergency is on-going | Noted | WI code MONASTERY3 Rel-17 CR0112R- Cat C  Check proposed changes affects |
| CR | [S1-191053](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191053.zip) | UIC | CR22.280v16.5.0: Notification to a specific group of users | Revised to S1-191391 | WI code MONASTERY3 Rel-17 CR0113R- Cat C  Check proposed changes affects |
| CR | [S1-191391](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191391.zip) | UIC | CR22.280v16.5.0: Notification to a specific group of users | Withdrawn | *WI code MONASTERY3 Rel-17 CR0113R- Cat C*  *Check proposed changes affects*  Revision of S1-191053. |
| CR | [S1-191054](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191054.zip) | UIC | CR22.280v16.5.0: Activate Location Information report of a specific FA in a certain area | Not handled | WI code MONASTERY3 Rel-17 CR0114R- Cat C  Check proposed changes affects |
| CR | [S1-191055](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191055.zip) | UIC | CR22.280v16.5.0: Support the FRMCS use case for Arbitration when a user is registered to multiple UEs | Not handled | WI code MONASTERY3 Rel-17 CR0115R- Cat C  Check proposed changes affects |
| CR | [S1-191056](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191056.zip) | UIC | CR22.280v16.5.0: Support the FRMCS use case for Arbitration | Not handled | WI code MONASTERY3 Rel-17 CR0116R- Cat C  Check proposed changes affects |
| CR | [S1-191057](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191057.zip) | UIC | CR22.280v16.5.0: Enhance interworking between MCX and GSM-R with presence. | Not handled | WI code MONASTERY3 Rel-17 CR0117R- Cat C  Check proposed changes affects |
| CR | [S1-191116](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191116.zip) | UIC | CR22.280v16.5.0: Correcting inconsistency of call termination condition for MCX Service types. | Not handled | WI code MONASTERY3 Rel-17 CR0117R- Cat C  Check proposed changes affects |
| CR | [S1-191050](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191050.zip) | UIC | CR22.281v16.0.0: Add new capabilities for video conferencing relevant for Railway operations. | Noted | WI code MONASTERY3 Rel-17 CR0020R- Cat C  Clauses affected: 5.1.11.2  Check proposed changes affects |
| CR | [S1-191117](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191117.zip) | UIC | CR22.281v16.0.0: Correcting inconsistency of call termination condition for MCX Service types | Not handled | WI code MONASTERY3 Rel-17 CR0021R- Cat C  Check proposed changes affects |
| CR | [S1-191047](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191047.zip) | UIC | CR22.282v16.4.0: Enhance MCData generic capability with data pull service. | Not handled | WI code MONASTERY3 Rel-17 CR0029R- Cat B  Update latest version number  Clause affected: New 5.x  Check proposed changes affects |
| CR | [S1-191158](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191158.zip) | Ericsson | CR22.280v16.5.0: Output from gap analysis TR 22.889 ch 9.9 and 6.19 (MONASTERY3) | Withdrawn | WI code DUMMY Rel-17 CR0119R- Cat D  Not available |
| Railway session information | | | | | |
| AGE | [S1-191228](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | Railway drafting agenda | Agreed |  |
| REP | [S1-191229](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191229.zip) | Session Chair | Railway drafting report | Agreed |  |
| 1. **Quality improvement contributions**   Quality improvements to requirements in TRs or TSs are encouraged (pCRs or CRs). In order to allow delegates to provide quality improvement contributions for work/study items where they do not want to attend drafting sessions, contributions submitted to this agenda item are handled in plenary. | | | | | |
| CR | [S1-191093](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191093.zip) | Vodafone | CR22.261v16.7.0: Changing ‘authorized user’ to ‘authorized entity’ in requirements where an end user is not involved | Revised to S1-191487 | WI code SMARTER\_Ph2 Rel-16 CR0359R- Cat D |
| CR | [S1-191487](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191487.zip) | Vodafone | CR22.261v16.7.0: Changing ‘authorized user’ to ‘authorized entity’ in requirements where an end user is not involved | Revised to S1-191519 | *WI code SMARTER\_Ph2 Rel-16 CR0359R- Cat D*  Revision of S1-191093. |
| CR | [S1-191519](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191519.zip) | Vodafone | CR22.261v16.7.0: Changing ‘authorized user’ to ‘authorized entity’ in requirements where an end user is not involved | Agreed | *WI code SMARTER\_Ph2 Rel-16 CR0359R- Cat D*  *Revision of S1-191093.*  Revision of S1-191487.  No presentation |
| CR | [S1-191140](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191140.zip) | ETRI | CR22.261v16.7.0: Abbreviations of TS 22.261 | Revised to S1-191488 | WI code SMARTER\_Ph2 Rel-16 CR0360R- Cat F |
| CR | [S1-191488](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191488.zip) | ETRI | CR22.261v16.7.0: Abbreviations of TS 22.261 | Revised to S1-191520 | *WI code SMARTER\_Ph2 Rel-16 CR0360R- Cat F*  Revision of S1-191140. |
| CR | [S1-191520](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191520.zip) | ETRI | CR22.261v16.7.0: Abbreviations of TS 22.261 | Agreed | *WI code SMARTER\_Ph2 Rel-16 CR0360R- Cat F*  *Revision of S1-191140.*  Revision of S1-191488.  No presentation |
| CR | [S1-191489](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191489.zip) | ETRI | CR21.905v: Abbreviations of TS 21.905 | Revised to S1-191521 | *WI code xxx Rel-16 CRxxxxR- Cat F* |
| CR | [S1-191521](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191521.zip) | ETRI | CR21.905v: Abbreviations of TS 21.905 | Endorsed | *WI code xxx Rel-16 CRxxxxR- Cat F*  Revision of S1-191489.  No presentation |
| CR | [S1-191141](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191141.zip) | ETRI | CR22.261v16.7.0: Editorial clean-up of TS 22.261 | Agreed | WI code SMARTER\_Ph2 Rel-16 CR0361R- Cat D |
| CR | [S1-191142](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191142.zip) | ETRI | CR22.104v16.1.0: Add missing abbreviations to TS 22.104 | Revised to S1-191490 | WI code cyberCAV Rel-16 CR0006R- Cat F |
| CR | [S1-191490](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191490.zip) | ETRI | CR22.104v16.1.0: Add missing abbreviations to TS 22.104 | Revised to S1-191522 | *WI code cyberCAV Rel-16 CR0006R- Cat F*  Revision of S1-191142. |
| CR | [S1-191522](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191522.zip) | ETRI | CR22.104v16.1.0: Add missing abbreviations to TS 22.104 | Agreed | *WI code cyberCAV Rel-16 CR0006R- Cat F*  *Revision of S1-191142.*  Revision of S1-191490.  No presentation |
| CR | [S1-191144](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191144.zip) | ETRI | CR22.104v16.1.0: Correction of the numbering of Annex in TS 22.104 | Revised to S1-191478 | WI code cyberCAV Rel-16 CR0007R- Cat D |
| CR | [S1-191478](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191478.zip) | ETRI | CR22.104v16.1.0: Correction of the numbering of Annex in TS 22.104 | Noted | *WI code cyberCAV Rel-16 CR0007R- Cat D*  Revision of S1-191144. |
| 1. **Rel-16 and earlier contributions** | | | | | |
| CR | [S1-191155](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191155.zip) | BlackBerry, Nokia, Nokia Shanghai Bell, Telefonica, KPN, BT | CR22.101v15.6.0: Solving user comprehension of network name in foreign language | Moved to 7.3 | WI code TEI15 Rel-15 CR0557R- Cat F |
| CR | [S1-191156](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191156.zip) | BlackBerry, Nokia, Nokia Shanghai Bell, Telefonica, KPN, BT | CR22.101v16.1.0: Solving user comprehension of network name in foreign language | Moved to 7.3 | WI code TEI15 Rel-16 CR0558R- Cat A |
| Rel-16 correction and clarification CRs | | | | | |
| CR | [S1-191046](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191046.zip) | Alibaba (China) Group., Ltd., Vodafone | CR22.104v16.1.0: Adding edge computing aspect | Revised to S1-191491 | WI code cyberCAV Rel-16 CR0001R- Cat C |
| CR | [S1-191491](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191491.zip) | Alibaba (China) Group., Ltd., Vodafone | CR22.104v16.1.0: Adding edge computing aspect | Revised to S1-191523 | *WI code cyberCAV Rel-16 CR0001R- Cat C*  Revision of S1-191046. |
| CR | [S1-191523](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191523.zip) | Alibaba (China) Group., Ltd., Vodafone | CR22.104v16.1.0: Adding edge computing aspect | Agreed | *WI code cyberCAV Rel-16 CR0001R- Cat C*  *Revision of S1-191046.*  Revision of S1-191491.  No presentation |
| CR | [S1-191095](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191095.zip) | Tencent | CR22.186v16.1.0: CR to TS 22.186 on eV2X Requirements | Revised to S1-191492 | WI code TEI16 Rel-16 CR0023R3 Cat F  WI Code TEI16, eV2X? |
| CR | [S1-191492](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191492.zip) | Tencent | CR22.186v16.1.0: CR to TS 22.186 on eV2X Requirements | Revised to S1-191524 | *WI code TEI16 Rel-16 CR0023R3 Cat F*  *WI Code TEI16, eV2X?*  Revision of S1-191095. |
| CR | [S1-191524](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191524.zip) | Tencent | CR22.186v16.1.0: CR to TS 22.186 on eV2X Requirements | Agreed | *WI code TEI16 Rel-16 CR0023R3 Cat F*  *WI Code TEI16, eV2X?*  *Revision of S1-191095.*  Revision of S1-191492.  No presentation |
| CR | [S1-191104](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191104.zip) | Huawei | CR22.125v16.1.0: Rewording the enforcement requirements in section 5.2 | Revised to S1-191493 | WI code ID\_UAS Rel-16 CR0010R- Cat F |
| CR | [S1-191493](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191493.zip) | Huawei | CR22.125v16.1.0: Rewording the enforcement requirements in section 5.2 | Revised to S1-191525 | *WI code ID\_UAS Rel-16 CR0010R- Cat F*  Revision of S1-191104. |
| CR | [S1-191525](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191525.zip) | Huawei | CR22.125v16.1.0: Rewording the enforcement requirements in section 5.2 | Revised to S1-191614 | *WI code ID\_UAS Rel-16 CR0010R- Cat F*  *Revision of S1-191104.*  Revision of S1-191493. |
| CR | [S1-191614](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191614.zip) | Huawei | CR22.125v16.1.0: Rewording the enforcement requirements in section 5.2 | Agreed | *WI code ID\_UAS Rel-16 CR0010R- Cat F*  *Revision of S1-191104.*  *Revision of S1-191493.*  Revision of S1-191525. |
| CR | [S1-191126](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191126.zip) | SyncTechno Inc. | CR22.268v16.2.0: Roaming requirements and security requirements for ePWS-UEs | Revised to S1-191496 | WI code ePWS Rel-16 CR0063R- Cat F |
| CR | [S1-191496](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191496.zip) | SyncTechno Inc. | CR22.268v16.2.0: Roaming requirements and security requirements for ePWS-UEs | Revised to S1-191526 | *WI code ePWS Rel-16 CR0063R- Cat F*  Revision of S1-191126. |
| CR | [S1-191526](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191526.zip) | SyncTechno Inc. | CR22.268v16.2.0: Roaming requirements and security requirements for ePWS-UEs | Agreed | *WI code ePWS Rel-16 CR0063R- Cat F*  *Revision of S1-191126.*  Revision of S1-191496.  No presentation |
| CR | [S1-191151](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191151.zip) | KPN | CR22.261v16.7.0: Additon of selection Relay requirements to 22.261 | Revised to S1-191497 | WI code SMARTER\_Ph2 Rel-16 CR0362R- Cat F |
| CR | [S1-191497](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191497.zip) | KPN | CR22.261v16.7.0: Additon of selection Relay requirements to 22.261 | Revised to S1-191529 | *WI code SMARTER\_Ph2 Rel-16 CR0362R- Cat F*  Revision of S1-191151.  No presentation |
| CR | [S1-191529](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191529.zip) | KPN | CR22.261v16.7.0: Additon of selection Relay requirements to 22.261 | Agreed | *WI code SMARTER\_Ph2 Rel-16 CR0362R- Cat F*  *Revision of S1-191151.*  *No presentation*  Revision of S1-191497.  No presentation |
| CR | [S1-191201](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191201.zip) | Siemens, Fraunhofer IIS, Huawei | CR22.104v16.1.0: Corrections to TS 22.104 v16.1.0 | Agreed | WI code cyberCAV Rel-16 CR0008R- Cat F |
| CR | [S1-191225](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191225.zip) | TNO | CR22.261v16.7.0: National or regional regulatory requirements for satellite access | Revised to S1-191227 | WI code 5GSAT Rel-16 CR0363R- Cat F |
| CR | [S1-191227](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191227.zip) | TNO | CR22.261v16.7.0: National or regional regulatory requirements for satellite access | Revised to S1-191498 | *WI code 5GSAT Rel-16 CR0363R- Cat F*  Revision of S1-191225. |
| CR | [S1-191498](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191498.zip) | TNO | CR22.261v16.7.0: National or regional regulatory requirements for satellite access | Revised to S1-191530 | *WI code 5GSAT Rel-16 CR0363R- Cat F*  *Revision of S1-191225.*  Revision of S1-191227. |
| CR | [S1-191530](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191530.zip) | TNO | CR22.261v16.7.0: National or regional regulatory requirements for satellite access | Agreed | *WI code 5GSAT Rel-16 CR0363R- Cat F*  *Revision of S1-191225.*  *Revision of S1-191227.*  Revision of S1-191498.  No presentation |
| CR | [S1-191040](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191040.zip) | Alibaba (China) Group., Ltd. | CR22.104v16.1.0: Adding edge computing aspect | Withdrawn | WI code cyberCAV Rel-16 CR0004R- Cat C |
| CR | [S1-191205](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191205.zip) | HuaWei Technologies | CR22.125v16.1.0: correction for UAV collision avoidance requirement | Withdrawn | WI code ID\_UAS Rel-16 CR0011R- Cat F  Not available |
| Release 15 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) As Release 15 is now frozen, alignment CRs are appreciated. | | | | | |
| Rel-15 and earlier CRs (other than alignment) | | | | | |
| CR | [S1-191155](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191155.zip) | BlackBerry, Nokia, Nokia Shanghai Bell, Telefonica, KPN, BT | CR22.101v15.6.0: Solving user comprehension of network name in foreign language | Revised to S1-191499 | WI code TEI15 Rel-15 CR0557R- Cat F  *Moved from 7*  Start at which release? |
| CR | [S1-191499](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191499.zip) | BlackBerry, Nokia, Nokia Shanghai Bell, Telefonica, KPN, BT | CR22.101v15.6.0: Solving user comprehension of network name in foreign language | Agreed | *WI code TEI15 Rel-15 CR0557R- Cat F*  *Moved from 7*  *Start at which release?*  Revision of S1-191155.  No presentation |
| CR | [S1-191156](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191156.zip) | BlackBerry, Nokia, Nokia Shanghai Bell, Telefonica, KPN, BT | CR22.101v16.1.0: Solving user comprehension of network name in foreign language | Revised to S1-191500 | WI code TEI15 Rel-16 CR0558R- Cat A  *Moved from 7* |
| CR | [S1-191500](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191500.zip) | BlackBerry, Nokia, Nokia Shanghai Bell, Telefonica, KPN, BT | CR22.101v16.1.0: Solving user comprehension of network name in foreign language | Agreed | *WI code TEI15 Rel-16 CR0558R- Cat A*  *Moved from 7*  Revision of S1-191156.  No presentation |
| 1. **Rel-17 Study Item contributions** | | | | | |
| FS\_NCIS: Study on Network Controlled Interactive Service in 5GS [SP-180341] | | | | | |
| **Work status prior to this meeting:**  Latest version: TR 22.842v1.1.0  Target completion date: SA#84 (06/2019)  Percentage completion: 85% | | | | | |
| **Use case updates** | | | | | |
| Cont | [S1-191030](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191030.zip) | Samsung | FS\_NCIS 22.842 P-CR: Discovery Requirement for Hosted Services | Revised to S1-191350 |  |
| Cont | [S1-191350](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191350.zip) | Samsung | FS\_NCIS 22.842 P-CR: Discovery Requirement for Hosted Services | Agreed | Revision of S1-191030. |
| Cont | [S1-191080](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191080.zip) | OPPO | Revision on Interactive Service Supporting | Agreed |  |
| Cont | [S1-191081](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191081.zip) | OPPO | TR 22.842 clean-up | Agreed |  |
| Cont | [S1-191100](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191100.zip) | Tencent | Clean Up of Use Case and Requirements for 5.3 | Agreed |  |
| **New use cases** | | | | | |
| Cont | [S1-191107](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191107.zip) | Huawei, China Mobile, Huawei Device, OPPO | Use Case on AR/VR with lightweight VR HMD | Revised to S1-191351 |  |
| Cont | [S1-191351](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191351.zip) | Huawei, China Mobile, Huawei Device, OPPO | Use Case on AR/VR with lightweight VR HMD | Revised to S1-191354 | Revision of S1-191107. |
| Cont | [S1-191354](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191354.zip) | Huawei, China Mobile, Huawei Device, OPPO | Use Case on AR/VR with lightweight VR HMD | Agreed | *Revision of S1-191107.*  Revision of S1-191351. |
| **Consolidation** | | | | | |
| Cont | [S1-191079](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191079.zip) | OPPO | NCIS use case – Proposal for Consolidated Requirements- Overview | Agreed |  |
| Cont | [S1-191077](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191077.zip) | OPPO, Tencent, Huawei, Huawei Device | NCIS use case – Proposal for Consolidated - KPI | Revised to S1-191352 |  |
| Cont | [S1-191352](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191352.zip) | OPPO, Tencent, Huawei, Huawei Device | NCIS use case – Proposal for Consolidated - KPI | Agreed | Revision of S1-191077. |
| Cont | [S1-191078](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191078.zip) | OPPO | NCIS use case – Proposal for Consolidated Requirements - Group Operation | Revised to S1-191501 |  |
| Cont | [S1-191501](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191501.zip) | OPPO | NCIS use case – Proposal for Consolidated Requirements - Group Operation | Revised to S1-191353 | Revision of S1-191078. |
| Cont | [S1-191353](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191353.zip) | OPPO | NCIS use case – Proposal for Consolidated Requirements - Group Operation | Agreed | *Revision of S1-191078.*  Revision of S1-191501. |
| Cont | [S1-191082](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191082.zip) | OPPO, Tencent | NCIS use case – Proposal for Consolidated Requirements-API | Revised to S1-191355 |  |
| Cont | [S1-191355](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191355.zip) | OPPO, Tencent | NCIS use case – Proposal for Consolidated Requirements-API | Revised to S1-191601 | Revision of S1-191082. |
| Cont | [S1-191601](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191601.zip) | OPPO, Tencent | NCIS use case – Proposal for Consolidated Requirements-API | Agreed | *Revision of S1-191082.*  Revision of S1-191355. |
| **Conclusions** | | | | | |
| Cont | [S1-191092](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191092.zip) | China Mobile, OPPO, Tencent | NCIS use case – Conclusions | Revised to S1-191356 |  |
| Cont | [S1-191356](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191356.zip) | China Mobile, OPPO, Tencent | NCIS use case – Conclusions | Agreed | Revision of S1-191092. |
| FS\_NCIS output + FS\_NCIS session information | | | | | |
| TR | [S1-191230](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (OPPO) | TR22.842v1.2.0 to include agreements at this meeting | Agreed |  |
| TR | [S1-191639](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191639.zip) | Rapporteur (OPPO) | Cover page | Agreed |  |
| AGE | [S1-191231](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_NCIS drafting agenda | Agreed |  |
| REP | [S1-191232](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191232.zip) | Session Chair | FS\_NCIS drafting report | Agreed |  |
| FS\_AVPROD: Feasibility Study on Audio-Visual Service Production [SP-180340] | | | | | |
| **Work status prior to this meeting:**  Latest version: TR 22.827v1.0.0  Target completion date: SA#84 (06/2019)  Percentage completion: 80% | | | | | |
| **Scope, overview, definitions** | | | | | |
| Cont | [S1-191136](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191136.zip) | Sennheiser | Input for clause 3 “Definitions, Abbreviations and Symbols” | Revised to S1-191362 |  |
| Cont | [S1-191362](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191362.zip) | Sennheiser | Input for clause 3 “Definitions, Abbreviations and Symbols” | Agreed | Revision of S1-191136. |
| Cont | [S1-191146](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191146.zip) | Deutsche Telekom | Adding the definition of network operator | Revised to S1-191363 |  |
| Cont | [S1-191363](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191363.zip) | Deutsche Telekom | Adding the definition of network operator | Agreed | Revision of S1-191146.  No presentation |
| **Use case updates** | | | | | |
| Cont | [S1-191130](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191130.zip) | Sennheiser | Clean-up (Review) of the “On-site Live Audio Presentation” use case | Revised to S1-191364 |  |
| Cont | [S1-191364](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191364.zip) | Sennheiser | Clean-up (Review) of the “On-site Live Audio Presentation” use case | Agreed | Revision of S1-191130.  No presentation |
| Cont | [S1-191131](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191131.zip) | Sennheiser | Clean-up (Review) of the “Audio Streaming in Live Performances” use case | Revised to S1-191365 |  |
| Cont | [S1-191365](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191365.zip) | Sennheiser | Clean-up (Review) of the “Audio Streaming in Live Performances” use case | Agreed | Revision of S1-191131.  No presentation |
| Cont | [S1-191132](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191132.zip) | Sennheiser | Clean-up (Review) of the “Live production with integrated audience services” use case | Revised to S1-191494 |  |
| Cont | [S1-191494](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191494.zip) | Sennheiser | Clean-up (Review) of the “Live production with integrated audience services” use case | Revised to S1-191366 | Revision of S1-191132. |
| Cont | [S1-191366](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191366.zip) | Sennheiser | Clean-up (Review) of the “Live production with integrated audience services” use case | Noted | *Revision of S1-191132.*  Revision of S1-191494. |
| Cont | [S1-191133](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191133.zip) | Sennheiser | Clean-up (Review) of the “Intercom system for large live events” use case | Revised to S1-191367 |  |
| Cont | [S1-191367](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191367.zip) | Sennheiser | Clean-up (Review) of the “Intercom system for large live events” use case | Agreed | Revision of S1-191133. |
| Cont | [S1-191139](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191139.zip) | Ericsson | New accuracy requirement for video use case and some clean-up | Revised to S1-191368 |  |
| Cont | [S1-191368](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191368.zip) | Ericsson | New accuracy requirement for video use case and some clean-up | Agreed | Revision of S1-191139. |
| Cont | [S1-191167](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191167.zip) | Qualcomm Incorporated | Clarifications and corrections to AVPROD NPN onboarding and authentication requirements | Revised to S1-191369 |  |
| Cont | [S1-191369](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191369.zip) | Qualcomm Incorporated | Clarifications and corrections to AVPROD NPN onboarding and authentication requirements | Agreed | Revision of S1-191167. |
| Cont | [S1-191192](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191192.zip) | Intel | NPN access authentication based on PLMN subscription and credentials | Revised to S1-191374 |  |
| Cont | [S1-191374](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191374.zip) | Intel | NPN access authentication based on PLMN subscription and credentials | Revised to S1-191560 | Revision of S1-191192. |
| Cont | [S1-191560](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191560.zip) | Intel | NPN access authentication based on PLMN subscription and credentials | Agreed | *Revision of S1-191192.*  Revision of S1-191374. |
| Cont | [S1-191134](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191134.zip) | Sennheiser | Review of Informative annex “ Real-time audio-streaming latency budget” of AV\_PROD | Revised to S1-191370 |  |
| Cont | [S1-191370](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191370.zip) | Sennheiser | Review of Informative annex “ Real-time audio-streaming latency budget” of AV\_PROD | Agreed | Revision of S1-191134. |
| Cont | [S1-191098](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191098.zip) | Tencent | Clarification of Potential Requirements for Live Immersive Media Service | Revised to S1-191279 | Empty ZIP-file |
| Cont | [S1-191279](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191279.zip) | Tencent | Clarification of Potential Requirements for Live Immersive Media Service | Revised to S1-191361 | *Empty ZIP-file*  Revision of S1-191098. |
| Cont | [S1-191361](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191361.zip) | Tencent | Clarification of Potential Requirements for Live Immersive Media Service | Agreed | *Empty ZIP-file*  *Revision of S1-191098.*  Revision of S1-191279.  No presentation |
| **New use cases, considerations** | | | | | |
| Cont | [S1-191120](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191120.zip) | NICT | Multi-angle camera video production in dense user environments | Revised to S1-191371 |  |
| Cont | [S1-191371](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191371.zip) | NICT | Multi-angle camera video production in dense user environments | Revised to S1-191376 | Revision of S1-191120. |
| Cont | [S1-191376](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191376.zip) | NICT | Multi-angle camera video production in dense user environments | Agreed | *Revision of S1-191120.*  Revision of S1-191371. |
| Cont | [S1-191135](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191135.zip) | Sennheiser | Informative annex about group scenarios in AV\_PROD | Revised to S1-191372 |  |
| Cont | [S1-191372](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191372.zip) | Sennheiser | Informative annex about group scenarios in AV\_PROD | Agreed | Revision of S1-191135. |
| Cont | [S1-191162](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191162.zip) | Sennheiser, EBU | Proposal for TR 22.827, Section 7: Additional Consideration | Agreed |  |
| **Consolidation** | | | | | |
| Cont | [S1-191159](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191159.zip) | EBU, BBC | Proposal for consolidated performance requirements of AVPROD | Revised to S1-191373 |  |
| Cont | [S1-191373](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191373.zip) | EBU, BBC | Proposal for consolidated performance requirements of AVPROD | Revised to S1-191567 | Revision of S1-191159. |
| Cont | [S1-191567](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191567.zip) | EBU, BBC | Proposal for consolidated performance requirements of AVPROD | Agreed | *Revision of S1-191159.*  Revision of S1-191373.  No presentation |
| Cont | [S1-191160](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191160.zip) | EBU, BBC | Proposal for consolidated service requirements of AVPROD | Revised to S1-191495 |  |
| Cont | [S1-191495](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191495.zip) | EBU, BBC | Proposal for consolidated service requirements of AVPROD | Revised to S1-191527 | *Revision of S1-191160.*  Revision of S1-191495. |
| Cont | [S1-191527](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191527.zip) | EBU, BBC | Proposal for consolidated service requirements of AVPROD | Revised to S1-191568 | *Revision of S1-191160.*  *Revision of S1-191495.*  Revision of S1-191495. |
| Cont | [S1-191568](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191568.zip) | EBU, BBC | Proposal for consolidated service requirements of AVPROD | Agreed | *Revision of S1-191160.*  *Revision of S1-191495.*  *Revision of S1-191495.*  Revision of S1-191527.  No presentation |
| **Other** | | | | | |
| WID | [S1-191163](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191163.zip) | EBU | New WID on Audio-Visual Service Production | Moved to 5 |  |
| Cont | [S1-191165](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191165.zip) | EBU, Ericsson | Normative work for the new WID for AV Production | Moved to 5 |  |
| FS\_AVPROD output + session information | | | | | |
| TR | [S1-191233](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (EBU) | TR22.827v1.1.0 to include agreements at this meeting | Agreed | Tue – Thu-Fri |
| AGE | [S1-191234](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_AVPROD drafting agenda | Agreed |  |
| REP | [S1-191235](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191235.zip) | Session Chair | FS\_AVPROD drafting report | Agreed |  |
| FS\_MPS2: Feasibility Study on Multimedia Priority Service (MPS) Phase 2 [SP-170996] | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.854v1.0.0  Target completion date: SA#85 (09/2019)  Percentage completion: 80% | | | | | |
| Cont | [S1-191187](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191187.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | TR22.854 use case on cryptographic signing of MPS priority markings | Agreed |  |
| Cont | [S1-191190](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191190.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Consolidated Requirements for TR22.854 | Revised to S1-191485 |  |
| Cont | [S1-191485](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191485.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Consolidated Requirements for TR22.854 | Revised to S1-191506 | Revision of S1-191190. |
| Cont | [S1-191506](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191506.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Consolidated Requirements for TR22.854 | Revised to S1-191508 | *Revision of S1-191190.*  Revision of S1-191485. |
| Cont | [S1-191508](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191508.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Consolidated Requirements for TR22.854 | Agreed | *Revision of S1-191190.*  *Revision of S1-191485.*  Revision of S1-191506. |
| Cont | [S1-191191](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191191.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Propose text for clause 11 (Conclusion and recommendations) of TR22.854 | Revised to S1-191509 |  |
| Cont | [S1-191509](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191509.zip) | Perspecta Labs, OEC, AT&T, T-Mobile USA | Propose text for clause 11 (Conclusion and recommendations) of TR22.854 | Agreed | Revision of S1-191191.  No presentation |
| FS\_MPS2 output | | | | | |
| TR | [S1-191236](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (Perspecta Lab) | TR22.854v1.1.0 to include agreements at this meeting | Agreed | Tue-Thur-Fri  No presentation |
| FS\_CMED: Feasibility Study on Communication Services for Critical Medical Applications [SP-170783] | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.826v0.2.0  Target completion date: SA#85 (09/2019)  Percentage completion: 65% | | | | | |
| **Use case updates** | | | | | |
| Cont | [S1-191008](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191008.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.2 | Revised to S1-191273 |  |
| Cont | [S1-191273](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191273.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.2 | Revised to S1-191411 | Revision of S1-191008. |
| Cont | [S1-191411](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191411.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.2 | Revised to S1-191456 | *Revision of S1-191008.*  Revision of S1-191273. |
| Cont | [S1-191456](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191456.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.2 | Agreed | *Revision of S1-191008.*  *Revision of S1-191273.*  Revision of S1-191411. |
| Cont | [S1-191206](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191206.zip) | Philips International | FS\_CMED – Video properties clarifications | Revised to S1-191412 |  |
| Cont | [S1-191412](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191412.zip) | Philips International | FS\_CMED – Video properties clarifications | Revised to S1-191457 | Revision of S1-191206. |
| Cont | [S1-191457](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191457.zip) | Philips International | FS\_CMED – Video properties clarifications | Agreed | *Revision of S1-191206.*  Revision of S1-191412.  No presentation |
| Cont | [S1-191009](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191009.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.3 | Revised to S1-191274 |  |
| Cont | [S1-191274](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191274.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.3 | Revised to S1-191410 | Revision of S1-191009. |
| Cont | [S1-191410](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191410.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.3 | Revised to S1-191414 | *Revision of S1-191009.*  Revision of S1-191274. |
| Cont | [S1-191414](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191414.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.3 | Revised to S1-191458 | *Revision of S1-191009.*  *Revision of S1-191274.*  Revision of S1-191410. |
| Cont | [S1-191458](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191458.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.3 | Agreed | *Revision of S1-191009.*  *Revision of S1-191274.*  *Revision of S1-191410.*  Revision of S1-191414.  No presentation |
| Cont | [S1-191203](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191203.zip) | Philips International | FS\_CMED – Ultrasound clarifications | Revised to S1-191413 |  |
| Cont | [S1-191413](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191413.zip) | Philips International | FS\_CMED – Ultrasound clarifications | Agreed | Revision of S1-191203. |
| Cont | [S1-191010](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191010.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.4 | Revised to S1-191275 |  |
| Cont | [S1-191275](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191275.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.4 | Revised to S1-191415 | Revision of S1-191010. |
| Cont | [S1-191415](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191415.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.4 | Revised to S1-191459 | *Revision of S1-191010.*  Revision of S1-191275. |
| Cont | [S1-191459](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191459.zip) | b<>com | FS\_CMED – KPIs update on use case 5.2.4 | Agreed | *Revision of S1-191010.*  *Revision of S1-191275.*  Revision of S1-191415.  No presentation |
| Cont | [S1-191011](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191011.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.2 | Revised to S1-191451 |  |
| Cont | [S1-191451](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191451.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.2 | Revised to S1-191455 | Revision of S1-191011. |
| Cont | [S1-191455](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191455.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.2 | Agreed | *Revision of S1-191011.*  Revision of S1-191451. |
| Cont | [S1-191012](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191012.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.3 | Revised to S1-191276 |  |
| Cont | [S1-191276](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191276.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.3 | Revised to S1-191416 | Revision of S1-191012. |
| Cont | [S1-191416](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191416.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.3 | Revised to S1-191460 | *Revision of S1-191012.*  Revision of S1-191276. |
| Cont | [S1-191460](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191460.zip) | b<>com | FS\_CMED – KPIs update on use case 5.3.3 | Agreed | *Revision of S1-191012.*  *Revision of S1-191276.*  Revision of S1-191416.  No presentation |
| Cont | [S1-191013](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191013.zip) | b<>com | FS\_CMED – KPIs update on use case 5.5.2 | Revised to S1-191277 |  |
| Cont | [S1-191277](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191277.zip) | b<>com | FS\_CMED – KPIs update on use case 5.5.2 | Revised to S1-191417 | Revision of S1-191013. |
| Cont | [S1-191417](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191417.zip) | b<>com | FS\_CMED – KPIs update on use case 5.5.2 | Revised to S1-191461 | *Revision of S1-191013.*  Revision of S1-191277. |
| Cont | [S1-191461](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191461.zip) | b<>com | FS\_CMED – KPIs update on use case 5.5.2 | Agreed | *Revision of S1-191013.*  *Revision of S1-191277.*  Revision of S1-191417.  No presentation |
| Cont | [S1-191204](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191204.zip) | Philips International | FS\_CMED – Security clarifications | Agreed |  |
| OUT | [S1-191454](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191454.zip) | b<>com | Draft LS to SA4 on lossless compression for medical video | Revised to S1-191592 |  |
| OUT | [S1-191592](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191592.zip) | b<>com | Draft LS to SA4 on lossless compression for medical video | Agreed | Revision of S1-191454.  No presentation |
| **New use cases** | | | | | |
| Cont | [S1-191202](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191202.zip) | Philips International | FS\_CMED - Telemetry use case | Revised to S1-191420 |  |
| Cont | [S1-191420](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191420.zip) | Philips International | FS\_CMED - Telemetry use case | Agreed | Revision of S1-191202. |
| **Consolidation** | | | | | |
| Cont | [S1-191014](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191014.zip) | b<>com | FS\_CMED – Requirements consolidation for PTM communication services | Revised to S1-191418 |  |
| Cont | [S1-191418](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191418.zip) | b<>com | FS\_CMED – Requirements consolidation for PTM communication services | Withdrawn | Revision of S1-191014. |
| Cont | S1-191016 | B-Com | FS\_CMED - Performance Requirements consolidation | Revised to S1-191421 | Not available |
| Cont | [S1-191421](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191421.zip) | B-Com | FS\_CMED - Performance Requirements consolidation | Revised to S1-191462 | *Not available*  Revision of S1-191016. |
| Cont | [S1-191462](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191462.zip) | B-Com | FS\_CMED - Performance Requirements consolidation | Revised to S1-191593 | *Not available*  *Revision of S1-191016.*  Revision of S1-191421. |
| Cont | [S1-191593](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191593.zip) | B-Com | FS\_CMED - Performance Requirements consolidation | Agreed | *Not available*  *Revision of S1-191016.*  *Revision of S1-191421.*  Revision of S1-191462. |
| Cont | [S1-191090](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191090.zip) | Vodafone | Discussion on the security requirements | Revised to S1-191419 |  |
| Cont | [S1-191419](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191419.zip) | Vodafone | Discussion on the security requirements | Revised to S1-191594 | Revision of S1-191090. |
| Cont | [S1-191594](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191594.zip) | Vodafone | Discussion on the security requirements | Agreed | *Revision of S1-191090.*  Revision of S1-191419.  No presentation |
| FS\_CMED output + session information | | | | | |
| TR | [S1-191237](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (b<>com) | TR22.826v0.3.0 to include agreements at this meeting | Agreed | No presentation |
| TR | [S1-191238](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191238.zip) | Rapporteur (b<>com) | Cover page for presentation of TS22.826v1.0.0 | Agreed |  |
| AGE | [S1-191239](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_CMED drafting agenda | Agreed |  |
| REP | [S1-191240](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191240.zip) | Session Chair | FS\_CMED drafting report | Agreed |  |
| FS\_5G\_ATRAC: Study on Asset Tracking Use Cases [SP-170784] | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.836v0.2.0  Target completion date: SA#84 (06/2019)  Percentage completion: 45% | | | | | |
| Cont | [S1-191198](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191198.zip) | NOVAMINT | FS\_5G\_ATRAC – Luggage Tracking Use case | Withdrawn | Not available |
| FS\_5G\_ATRAC output + session information | | | | | |
| TR | [S1-191241](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (NOVAMINT) | TR22.836v0.3.0 to include agreements at this meeting | Withdrawn |  |
| TR | [S1-191242](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Rapporteur (NOVAMINT) | Cover page for presentation of TS22.836v1.0.0 | Withdrawn |  |
| FS\_REFEC: Study on enhanced Relays for Energy eFficiency and Extensive Coverage [SP-170785] | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.866v0.2.0  Target completion date: SA#84 (06/2019)  Percentage completion: 40% | | | | | |
| **Scope, overview, definitions** | | | | | |
| Cont | [S1-191109](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191109.zip) | Philips International | Further discussion slides about multi-hop | Noted |  |
| Cont | [S1-191313](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191313.zip) | KPN | Discussion of REFEC definitions | Noted |  |
| Cont | [S1-191152](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191152.zip) | KPN | Definitions REFEC | Revised to S1-191503 |  |
| Cont | [S1-191503](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191503.zip) | KPN | Definitions REFEC | Revised to S1-191314 | Revision of S1-191152. |
| Cont | [S1-191314](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191314.zip) | KPN | Definitions REFEC | Revised to S1-191550 | *Revision of S1-191152.*  Revision of S1-191503. |
| Cont | [S1-191550](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191550.zip) | KPN | Definitions REFEC | Revised to S1-191615 | *Revision of S1-191152.*  *Revision of S1-191503.*  Revision of S1-191314. |
| Cont | [S1-191615](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191615.zip) | KPN | Definitions REFEC | Agreed | *Revision of S1-191152.*  *Revision of S1-191503.*  Revision of S1-191314.  Revision of S1-191550.  No presentation |
| **Use case updates** | | | | | |
| Cont | [S1-191007](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191007.zip) | Huawei, KPN | Clarification on requirement texts | Revised to S1-191315 |  |
| Cont | [S1-191315](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191315.zip) | Huawei, KPN | Clarification on requirement texts | Revised to S1-191553 | Revision of S1-191007. |
| Cont | [S1-191553](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191553.zip) | Huawei, KPN | Clarification on requirement texts | Revised to S1-191616 | *Revision of S1-191007.*  Revision of S1-191315. |
| Cont | [S1-191616](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191616.zip) | Huawei, KPN | Clarification on requirement texts | Agreed | *Revision of S1-191007.*  *Revision of S1-191315.*  Revision of S1-191553. |
| Cont | [S1-191041](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191041.zip) | Interdigital | Clarification of some REFEC requirements | Revised to S1-191316 |  |
| Cont | [S1-191316](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191316.zip) | Interdigital | Clarification of some REFEC requirements | Revised to S1-191554 | Revision of S1-191041. |
| Cont | [S1-191554](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191554.zip) | Interdigital | Clarification of some REFEC requirements | Revised to S1-191617 | *Revision of S1-191041.*  Revision of S1-191316. |
| Cont | [S1-191617](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191617.zip) | Interdigital | Clarification of some REFEC requirements | Agreed | *Revision of S1-191041.*  *Revision of S1-191316.*  Revision of S1-191554.  No presentation |
| Cont | [S1-191087](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191087.zip) | Intel | Update Use Case 5.1 for Enabling Access Control | Revised to S1-191317 |  |
| Cont | [S1-191317](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191317.zip) | Intel | Update Use Case 5.1 for Enabling Access Control | Revised to S1-191555 | Revision of S1-191087. |
| Cont | [S1-191555](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191555.zip) | Intel | Update Use Case 5.1 for Enabling Access Control | Agreed | *Revision of S1-191087.*  Revision of S1-191317. |
| Cont | [S1-191174](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191174.zip) | Philips International | FS\_REFEC – Proposed additional relay UE selection criterion | Revised to S1-191318 |  |
| Cont | [S1-191318](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191318.zip) | Philips International | FS\_REFEC – Proposed additional relay UE selection criterion | Revised to S1-191556 | Revision of S1-191174. |
| Cont | [S1-191556](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191556.zip) | Philips International | FS\_REFEC – Proposed additional relay UE selection criterion | Agreed | *Revision of S1-191174.*  Revision of S1-191318.  No presentation |
| Cont | [S1-191177](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191177.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for container use case | Revised to S1-191319 |  |
| Cont | [S1-191319](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191319.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for container use case | Revised to S1-191557 | Revision of S1-191177. |
| Cont | [S1-191557](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191557.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for container use case | Agreed | *Revision of S1-191177.*  Revision of S1-191319. |
| Cont | [S1-191179](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191179.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for wagon use case | Revised to S1-191320 |  |
| Cont | [S1-191320](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191320.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for wagon use case | Revised to S1-191558 | Revision of S1-191179. |
| Cont | [S1-191558](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191558.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for wagon use case | Revised to S1-191618 | *Revision of S1-191179.*  Revision of S1-191320. |
| Cont | [S1-191618](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191618.zip) | NOVAMINT | FS\_REFEC – Potential new requirements for wagon use case | Agreed | *Revision of S1-191179.*  *Revision of S1-191320.*  Revision of S1-191558.  No presentation |
| Cont | [S1-191169](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191169.zip) | Philips International | FS\_REFEC – Proposed requirements for elderly healthcare use case | Revised to S1-191321 |  |
| Cont | [S1-191321](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191321.zip) | Philips International | FS\_REFEC – Proposed requirements for elderly healthcare use case | Revised to S1-191559 | Revision of S1-191169. |
| Cont | [S1-191559](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191559.zip) | Philips International | FS\_REFEC – Proposed requirements for elderly healthcare use case | Agreed | *Revision of S1-191169.*  Revision of S1-191321. |
| Cont | [S1-191170](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191170.zip) | Philips International | FS\_REFEC – Proposed additional security related requirements | Revised to S1-191328 |  |
| Cont | [S1-191328](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191328.zip) | Philips International | FS\_REFEC – Proposed additional security related requirements | Revised to S1-191561 | Revision of S1-191170. |
| Cont | [S1-191561](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191561.zip) | Philips International | FS\_REFEC – Proposed additional security related requirements | Agreed | *Revision of S1-191170.*  Revision of S1-191328. |
| Cont | [S1-191171](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191171.zip) | Philips International | FS\_REFEC – Proposed use case addition for location estimation | Revised to S1-191330 |  |
| Cont | [S1-191330](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191330.zip) | Philips International | FS\_REFEC – Proposed use case addition for location estimation | Revised to S1-191562 | Revision of S1-191171. |
| Cont | [S1-191562](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191562.zip) | Philips International | FS\_REFEC – Proposed use case addition for location estimation | Agreed | *Revision of S1-191171.*  Revision of S1-191330. |
| Cont | [S1-191172](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191172.zip) | Philips International | FS\_REFEC – Proposed requirements for ambulance use case | Revised to S1-191329 |  |
| Cont | [S1-191329](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191329.zip) | Philips International | FS\_REFEC – Proposed requirements for ambulance use case | Revised to S1-191563 | Revision of S1-191172. |
| Cont | [S1-191563](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191563.zip) | Philips International | FS\_REFEC – Proposed requirements for ambulance use case | Agreed | *Revision of S1-191172.*  Revision of S1-191329.  No presentation |
| Cont | [S1-191173](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191173.zip) | Philips International | FS\_REFEC – Proposed requirements for rural area healthcare use case | Revised to S1-191331 |  |
| Cont | [S1-191331](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191331.zip) | Philips International | FS\_REFEC – Proposed requirements for rural area healthcare use case | Agreed | Revision of S1-191173. |
| **New use cases** | | | | | |
| Cont | [S1-191154](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191154.zip) | FirstNet, The Police of the Netherlands | Use case for off-network multi-hop relay | Noted |  |
| Cont | [S1-191180](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191180.zip) | NOVAMINT | FS\_REFEC – Metering use case | Revised to S1-191332 |  |
| Cont | [S1-191332](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191332.zip) | NOVAMINT | FS\_REFEC – Metering use case | Revised to S1-191564 | Revision of S1-191180. |
| Cont | [S1-191564](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191564.zip) | NOVAMINT | FS\_REFEC – Metering use case | Agreed | *Revision of S1-191180.*  Revision of S1-191332.  No presentation |
| Cont | [S1-191181](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191181.zip) | NOVAMINT | FS\_REFEC – KPIs section | Revised to S1-191333 |  |
| Cont | [S1-191333](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191333.zip) | NOVAMINT | FS\_REFEC – KPIs section | Revised to S1-191565 | Revision of S1-191181. |
| Cont | [S1-191565](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191565.zip) | NOVAMINT | FS\_REFEC – KPIs section | Agreed | *Revision of S1-191181.*  Revision of S1-191333.  No presentation |
| Cont | [S1-191183](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191183.zip) | OMESH | REFEC Requirements of Micro-environment Services for SCC | Revised to S1-191322 |  |
| Cont | [S1-191322](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191322.zip) | OMESH | REFEC Requirements of Micro-environment Services for SCC | Revised to S1-191566 | Revision of S1-191183. |
| Cont | [S1-191566](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191566.zip) | OMESH | REFEC Requirements of Micro-environment Services for SCC | Revised to S1-191619 | *Revision of S1-191183.*  Revision of S1-191322. |
| Cont | [S1-191619](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191619.zip) | OMESH | REFEC Requirements of Micro-environment Services for SCC | Noted | *Revision of S1-191183.*  *Revision of S1-191322.*  Revision of S1-191566. |
| **Consolidation** | | | | | |
| Cont | [S1-191153](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191153.zip) | KPN | Consolidated requirements FS\_REFEC | Revised to S1-191334 |  |
| Cont | [S1-191334](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191334.zip) | KPN | Consolidated requirements FS\_REFEC | Withdrawn | Revision of S1-191153. |
| FS\_REFEC output + FS\_REFEC session information | | | | | |
| TR | [S1-191244](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (KPN) | TR22.866v0.3.0 to include agreements at this meeting | Agreed | Tue-Thu-Fri  No presentation |
| TR | [S1-191245](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Rapporteur (KPN) | Cover page for presentation of TS22.866v1.0.0 | Withdrawn |  |
| AGE | [S1-191246](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191246.zip) | Session Chair | FS\_REFEC drafting agenda | Agreed |  |
| REP | [S1-191247](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191247.zip) | Session Chair | FS\_REFEC drafting report | Agreed |  |
| FS\_EAV: Study on enhancement for UAVs [SP-170786] | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.829v0.2.0  Target completion date: SA#84 (06/2019)  Percentage completion: 70% | | | | | |
| **Scope, overview, definitions** | | | | | |
| Cont | [S1-191129](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191129.zip) | China Unicom | Updated Definitions, symbols and abbreviations | Revised to S1-191431 |  |
| Cont | [S1-191431](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191431.zip) | China Unicom | Updated Definitions, symbols and abbreviations | Revised to S1-191531 | Revision of S1-191129. |
| Cont | [S1-191531](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191531.zip) | China Unicom | Updated Definitions, symbols and abbreviations | Agreed | *Revision of S1-191129.*  Revision of S1-191431. |
| Cont | [S1-191137](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191137.zip) | China Unicom | Overview of TR22.829 | Revised to S1-191432 |  |
| Cont | [S1-191432](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191432.zip) | China Unicom | Overview of TR22.829 | Revised to S1-191532 | Revision of S1-191137. |
| Cont | [S1-191532](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191532.zip) | China Unicom | Overview of TR22.829 | Agreed | *Revision of S1-191137.*  Revision of S1-191432.  No presentation  No presentation |
| **Use case updates** | | | | | |
| Cont | [S1-191097](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191097.zip) | ZTE | FS\_EAV Concurrent supporting application task and flying control task | Noted |  |
| Cont | [S1-191175](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191175.zip) | Qualcomm Incorporated | Quality improvement of TR22.829 (FS\_EAV) | Revised to S1-191480 |  |
| Cont | [S1-191480](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191480.zip) | Qualcomm Incorporated | Quality improvement of TR22.829 (FS\_EAV) | Revised to S1-191444 | Revision of S1-191175. |
| Cont | [S1-191444](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191444.zip) | Qualcomm Incorporated | Quality improvement of TR22.829 (FS\_EAV) | Revised to S1-191548 | *Revision of S1-191175.*  Revision of S1-191480. |
| Cont | [S1-191548](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191548.zip) | Qualcomm Incorporated | Quality improvement of TR22.829 (FS\_EAV) | Agreed | *Revision of S1-191175.*  *Revision of S1-191480.*  Revision of S1-191444. |
| Cont | [S1-191025](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191025.zip) | ZTE | FS\_EAV rename UBS to UxNB | Agreed  Rapporteur to make this change throughout the TR (i.e. also when implementing other pCRs |  |
| Cont | [S1-191026](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191026.zip) | ZTE | FS\_EAV Changing UBS Position and Terminating UBS | Revised to S1-191435 |  |
| Cont | [S1-191435](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191435.zip) | ZTE | FS\_EAV Changing UBS Position and Terminating UBS | Revised to S1-191533 | Revision of S1-191026. |
| Cont | [S1-191533](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191533.zip) | ZTE | FS\_EAV Changing UBS Position and Terminating UBS | Agreed | *Revision of S1-191026.*  Revision of S1-191435. |
| Cont | [S1-191088](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191088.zip) | Intel | Update Use Case 5.3 for C2 Communication KPI | Revised to S1-191436 |  |
| Cont | [S1-191436](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191436.zip) | Intel | Update Use Case 5.3 for C2 Communication KPI | Agreed | Revision of S1-191088.  No presentation |
| Cont | [S1-191118](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191118.zip) | China Unicom | Uplink High Bandwidth charging and UAV Management | Revised to S1-191437 |  |
| Cont | [S1-191437](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191437.zip) | China Unicom | Uplink High Bandwidth charging and UAV Management | Revised to S1-191534 | Revision of S1-191118. |
| Cont | [S1-191534](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191534.zip) | China Unicom | Uplink High Bandwidth charging and UAV Management | Revised to S1-191620 | *Revision of S1-191118.*  Revision of S1-191437. |
| Cont | [S1-191620](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191620.zip) | China Unicom | Uplink High Bandwidth charging and UAV Management | Agreed | *Revision of S1-191118.*  *Revision of S1-191437.*  Revision of S1-191534.  No presentation |
| Cont | [S1-191114](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191114.zip) | China Unicom | Location and Charging of UAV | Revised to S1-191438 |  |
| Cont | [S1-191438](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191438.zip) | China Unicom | Location and Charging of UAV | Revised to S1-191535 | Revision of S1-191114. |
| Cont | [S1-191535](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191535.zip) | China Unicom | Location and Charging of UAV | Revised to S1-191621 | *Revision of S1-191114.*  Revision of S1-191438. |
| Cont | [S1-191621](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191621.zip) | China Unicom | Location and Charging of UAV | Agreed | *Revision of S1-191114.*  *Revision of S1-191438.*  Revision of S1-191535.  No presentation |
| Cont | [S1-191065](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191065.zip) | LG Electronics | Update of section 5.6 | Revised to S1-191439 |  |
| Cont | [S1-191439](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191439.zip) | LG Electronics | Update of section 5.6 | Revised to S1-191536 | Revision of S1-191065. |
| Cont | [S1-191536](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191536.zip) | LG Electronics | Update of section 5.6 | Agreed | *Revision of S1-191065.*  Revision of S1-191439. |
| Cont | [S1-191121](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191121.zip) | China Unicom | Requirements for service performance threshold of services delay | Revised to S1-191440 |  |
| Cont | [S1-191440](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191440.zip) | China Unicom | Requirements for service performance threshold of services delay | Withdrawn | Revision of S1-191121. |
| Cont | [S1-191124](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191124.zip) | China Unicom | Supplement of UAV service availability | Revised to S1-191441 |  |
| Cont | [S1-191441](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191441.zip) | China Unicom | Supplement of UAV service availability | Revised to S1-191537 | Revision of S1-191124. |
| Cont | [S1-191537](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191537.zip) | China Unicom | Supplement of UAV service availability | Revised to S1-191622 | *Revision of S1-191124.*  Revision of S1-191441. |
| Cont | [S1-191622](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191622.zip) | China Unicom | Supplement of UAV service availability | Agreed | *Revision of S1-191124.*  *Revision of S1-191441.*  Revision of S1-191537.  No presentation |
| Cont | [S1-191027](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191027.zip) | ZTE | FS\_EAV Changing UAV Controller | Revised to S1-191442 |  |
| Cont | [S1-191442](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191442.zip) | ZTE | FS\_EAV Changing UAV Controller | Agreed | Revision of S1-191027. |
| Cont | [S1-191044](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191044.zip) | InterDigital, Verizon | KPIs for UAV control | Revised to S1-191433 |  |
| Cont | [S1-191433](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191433.zip) | InterDigital, Verizon | KPIs for UAV control | Revised to S1-191538 | Revision of S1-191044. |
| Cont | [S1-191538](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191538.zip) | InterDigital, Verizon | KPIs for UAV control | Revised to S1-191547 | *Revision of S1-191044.*  Revision of S1-191433. |
| Cont | [S1-191547](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191547.zip) | InterDigital, Verizon | KPIs for UAV control | Agreed | *Revision of S1-191044.*  *Revision of S1-191433.*  Revision of S1-191538. |
| **New use cases and considerations** | | | | | |
| Cont | [S1-191106](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191106.zip) | Huawei, China Unicom | Use case for 3GPP assisted UBS control | Revised to S1-191434 |  |
| Cont | [S1-191434](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191434.zip) | Huawei, China Unicom | Use case for 3GPP assisted UBS control | Revised to S1-191539 | Revision of S1-191106. |
| Cont | [S1-191539](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191539.zip) | Huawei, China Unicom | Use case for 3GPP assisted UBS control | Withdrawn | *Revision of S1-191106.*  Revision of S1-191434. |
| Cont | [S1-191143](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191143.zip) | China Unicom | Additional considerations of TR22.829 | Revised to S1-191443 |  |
| Cont | [S1-191443](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191443.zip) | China Unicom | Additional considerations of TR22.829 | Revised to S1-191541 | Revision of S1-191143. |
| Cont | [S1-191541](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191541.zip) | China Unicom | Additional considerations of TR22.829 | Agreed | *Revision of S1-191143.*  Revision of S1-191443. |
| **Consolidation** | | | | | |
| Cont | [S1-191111](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191111.zip) | China Unicom, Huawei, ZTE, CATR | Discussion paper for EAV Consolidated Requirements | Revised to S1-191430 |  |
| Cont | [S1-191430](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191430.zip) | China Unicom, Huawei, ZTE, CATR | Discussion paper for EAV Consolidated Requirements | Noted | Revision of S1-191111. |
| Cont | [S1-191024](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191024.zip) | ZTE, China Unicom, HuaWei, CATT | FS\_EAV consolidated potential requirements for UBS related | Revised to S1-191445 |  |
| Cont | [S1-191445](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191445.zip) | ZTE, China Unicom, HuaWei, CATT | FS\_EAV consolidated potential requirements for UBS related | Revised to S1-191542 | Revision of S1-191024. |
| Cont | [S1-191542](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191542.zip) | ZTE, China Unicom, HuaWei, CATT | FS\_EAV consolidated potential requirements for UBS related | Revised to S1-191623 | *Revision of S1-191024.*  Revision of S1-191445. |
| Cont | [S1-191623](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191623.zip) | ZTE, China Unicom, HuaWei, CATT | FS\_EAV consolidated potential requirements for UBS related | Agreed | *Revision of S1-191024.*  *Revision of S1-191445.*  Revision of S1-191542.  No presentation |
| Cont | [S1-191119](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191119.zip) | CATT, China Unicom, ZTE, Huawei | the consolidated requirements of service restriction for UAV | Revised to S1-191446 |  |
| Cont | [S1-191446](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191446.zip) | CATT, China Unicom, ZTE, Huawei | the consolidated requirements of service restriction for UAV | Revised to S1-191543 | Revision of S1-191119. |
| Cont | [S1-191543](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191543.zip) | CATT, China Unicom, ZTE, Huawei | the consolidated requirements of service restriction for UAV | Revised to S1-191624 | *Revision of S1-191119.*  Revision of S1-191446. |
| Cont | [S1-191624](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191624.zip) | CATT, China Unicom, ZTE, Huawei | the consolidated requirements of service restriction for UAV | Agreed | *Revision of S1-191119.*  *Revision of S1-191446.*  Revision of S1-191543.  No presentation |
| Cont | [S1-191125](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191125.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements-UAV KPIs | Revised to S1-191544 |  |
| Cont | [S1-191544](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191544.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements-UAV KPIs | Revised to S1-191549 | Revision of S1-191125. |
| Cont | [S1-191549](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191549.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements-UAV KPIs | Revised to S1-191625 | *Revision of S1-191125.*  Revision of S1-191544. |
| Cont | [S1-191625](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191625.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements-UAV KPIs | Agreed | *Revision of S1-191125.*  *Revision of S1-191544.*  Revision of S1-191549.  No presentation |
| Cont | [S1-191477](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191477.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements-UAV KPIs | Withdrawn | Revision of S1-191125. |
| **Conclusions** | | | | | |
| Cont | [S1-191112](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191112.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements – Network Exposure | Revised to S1-191448 |  |
| Cont | [S1-191448](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191448.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements – Network Exposure | Revised to S1-191545 | Revision of S1-191112. |
| Cont | [S1-191545](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191545.zip) | China Unicom, Huawei, ZTE, CATT | EAV Consolidated Requirements – Network Exposure | Agreed | *Revision of S1-191112.*  Revision of S1-191448. |
| Cont | [S1-191113](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191113.zip) | China Unicom | EAV Consolidated Requirements – C2 communication | Revised to S1-191449 |  |
| Cont | [S1-191449](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191449.zip) | China Unicom | EAV Consolidated Requirements – C2 communication | Revised to S1-191546 | Revision of S1-191113. |
| Cont | [S1-191546](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191546.zip) | China Unicom | EAV Consolidated Requirements – C2 communication | Agreed | *Revision of S1-191113.*  Revision of S1-191449. |
| Cont | [S1-191145](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191145.zip) | China Unicom | Conclusions and Recommendations of TR22.829 | Revised to S1-191450 |  |
| Cont | [S1-191450](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191450.zip) | China Unicom | Conclusions and Recommendations of TR22.829 | Agreed | Revision of S1-191145.  No presentation |
| **Editorial** | | | | | |
| Cont | [S1-191105](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191105.zip) | China Unicom | Editorial modification of TR 22.829 | Agreed |  |
| FS\_EAV output + session information | | | | | |
| TR | [S1-191551](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191551.zip) | Rapporteur (China Unicom) | TR22.829v0.3.0 to include agreements at this meeting | Agreed | Tue-Thu-Fri  No presentation |
| TR | [S1-191248](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191248.zip) | Rapporteur (China Unicom) | Cover page for presentation of TS22.829v1.0.0 | Revised to S1-191640 |  |
| TR | [S1-191640](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191640.zip) | Rapporteur (China Unicom) | Cover page for presentation of TS22.829v1.0.0 | Agreed | Revision of S1-191248.  No presentation |
| AGE | [S1-191249](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_EAV drafting agenda | Agreed |  |
| REP | [S1-191250](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191250.zip) | Session Chair | FS\_EAV drafting report | Agreed |  |
| FS\_MINT: Study on Support for Minimization of service Interruption [SP-190090] | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.831v0.0.0  Target completion date: SA#85 (09/2019)  Percentage completion: 0% | | | | | |
| **Skeletion, scope, overview, definitions** | | | | | |
| Cont | [S1-191066](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191066.zip) | LG | TR skeleton | Agreed |  |
| Cont | [S1-191110](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191110.zip) | Samsung | FS\_MINT 22831 P-CR: Terminology | Revised to S1-191427 |  |
| Cont | [S1-191427](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191427.zip) | Samsung | FS\_MINT 22831 P-CR: Terminology | Agreed | Revision of S1-191110. |
| **New use cases** | | | | | |
| Cont | [S1-191067](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191067.zip) | LG Electronics, LG Uplus, KT Corp | Network reselection during disaster - General | Revised to S1-191426 |  |
| Cont | [S1-191426](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191426.zip) | LG Electronics, LG Uplus, KT Corp | Network reselection during disaster - General | Agreed | Revision of S1-191067. |
| Cont | [S1-191068](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191068.zip) | LG Electronics, LG Uplus, KT Corp | Network reselection during disaster - Non-disaster area | Revised to S1-191422 |  |
| Cont | [S1-191422](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191422.zip) | LG Electronics, LG Uplus, KT Corp | Network reselection during disaster - Non-disaster area | Agreed | Revision of S1-191068. |
| Cont | [S1-191069](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191069.zip) | LG Electronics, LG Uplus, KT Corp | Network reselection during disaster with previous reject | Revised to S1-191428 |  |
| Cont | [S1-191428](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191428.zip) | LG Electronics, LG Uplus, KT Corp | Network reselection during disaster with previous reject | Agreed | Revision of S1-191069. |
| Cont | [S1-191070](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191070.zip) | LG Electronics, LG Uplus, KT Corp | Network protection in case of surge of incoming users caused by disaster | Revised to S1-191429 |  |
| Cont | [S1-191429](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191429.zip) | LG Electronics, LG Uplus, KT Corp | Network protection in case of surge of incoming users caused by disaster | Revised to S1-191582 | Revision of S1-191070. |
| Cont | [S1-191582](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191582.zip) | LG Electronics, LG Uplus, KT Corp | Network protection in case of surge of incoming users caused by disaster | Agreed | *Revision of S1-191070.*  Revision of S1-191429.  No presentation |
| Cont | [S1-191071](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191071.zip) | LG Electronics, LG Uplus, KT Corp | Informing users of disaster | Noted |  |
| Cont | [S1-191072](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191072.zip) | LG Electronics, LG Uplus, KT Corp | Return to Home Network after disaster period | Revised to S1-191452 |  |
| Cont | [S1-191452](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191452.zip) | LG Electronics, LG Uplus, KT Corp | Return to Home Network after disaster period | Revised to S1-191583 | Revision of S1-191072. |
| Cont | [S1-191583](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191583.zip) | LG Electronics, LG Uplus, KT Corp | Return to Home Network after disaster period | Agreed | *Revision of S1-191072.*  Revision of S1-191452.  No presentation |
| Cont | [S1-191108](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191108.zip) | Samsung | FS\_MINT 22831 P-CR: Disaster Begins and Ends Use Cases | Revised to S1-191423 |  |
| Cont | [S1-191423](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191423.zip) | Samsung | FS\_MINT 22831 P-CR: Disaster Begins and Ends Use Cases | Revised to S1-191584 | Revision of S1-191108. |
| Cont | [S1-191584](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191584.zip) | Samsung | FS\_MINT 22831 P-CR: Disaster Begins and Ends Use Cases | Agreed | *Revision of S1-191108.*  Revision of S1-191423.  No presentation |
| Cont | [S1-191099](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191099.zip) | Huawei | Use case for HPLMN failure with part of CN still working | Revised to S1-191424 |  |
| Cont | [S1-191424](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191424.zip) | Huawei | Use case for HPLMN failure with part of CN still working | Agreed | Revision of S1-191099. |
| Cont | [S1-191101](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191101.zip) | Huawei | Use case for HPLMN completely failure | Noted |  |
| Cont | [S1-191102](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191102.zip) | Huawei, LG | Use case on access control for “backup” PLMN | Revised to S1-191453 |  |
| Cont | [S1-191453](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191453.zip) | Huawei, LG | Use case on access control for “backup” PLMN | Agreed | Revision of S1-191102. |
| Cont | [S1-191103](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191103.zip) | Huawei | Use case on “backup” PLMN for international roamer | Revised to S1-191425 |  |
| Cont | [S1-191425](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191425.zip) | Huawei | Use case on “backup” PLMN for international roamer | Revised to S1-191585 | Revision of S1-191103. |
| Cont | [S1-191585](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191585.zip) | Huawei | Use case on “backup” PLMN for international roamer | Agreed | *Revision of S1-191103.*  Revision of S1-191425. |
| FS\_MINT output + session information | | | | | |
| TR | [S1-191251](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (LG) | TR22.831v0.1.0 to include agreements at this meeting | Agreed | No presentation |
| TR | [S1-191252](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Rapporteur (LG) | Cover page for presentation of TS22.831v1.0.0 | Withdrawn |  |
| AGE | [S1-191253](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_MINT drafting agenda | Agreed |  |
| REP | [S1-191254](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191254.zip) | Session Chair | FS\_MINT drafting report | Agreed |  |
| FS\_MUSIM: Study on Support for Multi-USIM Devices [SP-190241] | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.834v0.0.0  Target completion date: SA#85 (09/2019)  Percentage completion: 5% | | | | | |
| **Scope, overview, definitions** | | | | | |
| Cont | [S1-191017](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191017.zip) | Intel | FS\_MUSIM – Scope and Overview | Revised to S1-191290 |  |
| Cont | [S1-191290](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191290.zip) | Intel | FS\_MUSIM – Scope and Overview | Revised to S1-191327 | Revision of S1-191017. |
| Cont | [S1-191327](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191327.zip) | Intel | FS\_MUSIM – Scope and Overview | Revised to S1-191569 | *Revision of S1-191017.*  Revision of S1-191290. |
| Cont | [S1-191569](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191569.zip) | Intel | FS\_MUSIM – Scope and Overview | Agreed | *Revision of S1-191017.*  *Revision of S1-191290.*  Revision of S1-191327.  No presentation |
| Cont | [S1-191029](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191029.zip) | Samsung | FS\_MUSIM 22834 P-CR: Definitions | Revised to S1-191291 |  |
| Cont | [S1-191291](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191291.zip) | Samsung | FS\_MUSIM 22834 P-CR: Definitions | Revised to S1-191570 | Revision of S1-191029. |
| Cont | [S1-191570](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191570.zip) | Samsung | FS\_MUSIM 22834 P-CR: Definitions | Agreed | *Revision of S1-191029.*  Revision of S1-191291.  No presentation |
| **Multiple USIM** | | | | | |
| Cont | [S1-191018](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191018.zip) | Intel, Qualcomm | Use case: Support for Terminal with One or Multiple USIMs | Revised to S1-191292 |  |
| Cont | [S1-191292](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191292.zip) | Intel, Qualcomm | Use case: Support for Terminal with One or Multiple USIMs | Revised to S1-191571 | Revision of S1-191018. |
| Cont | [S1-191571](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191571.zip) | Intel, Qualcomm | Use case: Support for Terminal with One or Multiple USIMs | Agreed | *Revision of S1-191018.*  Revision of S1-191292.  No presentation |
| Cont | [S1-191089](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191089.zip) | Vodafone | FS\_MUSIM: Security related use cases | Revised to S1-191293 |  |
| Cont | [S1-191293](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191293.zip) | Vodafone | FS\_MUSIM: Security related use cases | Revised to S1-191574 | Revision of S1-191089. |
| Cont | [S1-191574](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191574.zip) | Vodafone | FS\_MUSIM: Security related use cases | Agreed | *Revision of S1-191089.*  Revision of S1-191293. |
| **Service prioritization** | | | | | |
| Cont | [S1-191019](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191019.zip) | Intel, Qualcomm | Use Case: Support Mobile Terminated Services for Multi-USIM Devices | Revised to S1-191294 |  |
| Cont | [S1-191294](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191294.zip) | Intel, Qualcomm | Use Case: Support Mobile Terminated Services for Multi-USIM Devices | Revised to S1-191323 | Revision of S1-191019. |
| Cont | [S1-191323](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191323.zip) | Intel, Qualcomm | Use Case: Support Mobile Terminated Services for Multi-USIM Devices | Revised to S1-191575 | *Revision of S1-191019.*  Revision of S1-191294. |
| Cont | [S1-191575](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191575.zip) | Intel, Qualcomm | Use Case: Support Mobile Terminated Services for Multi-USIM Devices | Agreed | *Revision of S1-191019.*  *Revision of S1-191294.*  Revision of S1-191323. |
| Cont | [S1-191096](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191096.zip) | China Mobile, Huawei, Huawei Device | Use case for incoming call for one USIM while having a call for another USIM | Revised to S1-191295 |  |
| Cont | [S1-191295](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191295.zip) | China Mobile, Huawei, Huawei Device | Use case for incoming call for one USIM while having a call for another USIM | Revised to S1-191572 | Revision of S1-191096. |
| Cont | [S1-191572](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191572.zip) | China Mobile, Huawei, Huawei Device | Use case for incoming call for one USIM while having a call for another USIM | Revised to S1-191608 | *Revision of S1-191096.*  Revision of S1-191295. |
| Cont | [S1-191608](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191608.zip) | China Mobile, Huawei, Huawei Device | Use case for incoming call for one USIM while having a call for another USIM | Revised to S1-191627 | *Revision of S1-191096.*  *Revision of S1-191295.*  Revision of S1-191572. |
| Cont | [S1-191627](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191627.zip) | China Mobile, Huawei, Huawei Device | Use case for incoming call for one USIM while having a call for another USIM | Agreed | *Revision of S1-191096.*  *Revision of S1-191295.*  *Revision of S1-191572.*  Revision of S1-191608.  No presentation |
| Cont | [S1-191138](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191138.zip) | Tencent | Multi-SIM Service Prioritization for Data Services including Video | Merged to S1-191294 |  |
| Cont | [S1-191294](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191294.zip) | Tencent | Multi-SIM Service Prioritization for Data Services including Video | merged into S1-191323 | Revision of S1-191138. |
| Cont | [S1-191094](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191094.zip) | China Mobile, Huawei, Huawei Device | Use case for simultaneous voice service for one USIM and data service for the other USIM | Revised to S1-191297 |  |
| Cont | [S1-191297](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191297.zip) | China Mobile, Huawei, Huawei Device | Use case for simultaneous voice service for one USIM and data service for the other USIM | Revised to S1-191573 | Revision of S1-191094. |
| Cont | [S1-191573](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191579.zip) | China Mobile, Huawei, Huawei Device | Use case for simultaneous voice service for one USIM and data service for the other USIM | Revised to S1-191609 | *Revision of S1-191094.*  Revision of S1-191297. |
| Cont | [S1-191609](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191609.zip) | China Mobile, Huawei, Huawei Device | Use case for simultaneous voice service for one USIM and data service for the other USIM | Revised to S1-191628 | *Revision of S1-191094.*  *Revision of S1-191297.*  Revision of S1-191573. |
| Cont | [S1-191628](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191628.zip) | China Mobile, Huawei, Huawei Device | Use case for simultaneous voice service for one USIM and data service for the other USIM | Agreed | *Revision of S1-191094.*  *Revision of S1-191297.*  *Revision of S1-191573.*  Revision of S1-191609.  No presentation |
| Cont | [S1-191147](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191147.zip) | China Telecom, Intel | Use case: Handling of service prioritization | Revised to S1-191502 |  |
| Cont | [S1-191502](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191502.zip) | China Telecom, Intel | Use case: Handling of service prioritization | Merged to S1-191323 | Revision of S1-191147. |
| Cont | [S1-191028](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191028.zip) | Samsung | FS\_MUSIM 22834 P-CR: Avoiding Paging Inefficiency | Merged into S1-191296 |  |
| Cont | [S1-191296](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191296.zip) | Samsung | FS\_MUSIM 22834 P-CR: Avoiding Paging Inefficiency | Revised to S1-191552 | Merge of S1-191028 and S1-191073. |
| Cont | [S1-191552](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191552.zip) | Samsung | FS\_MUSIM 22834 P-CR: Avoiding Paging Inefficiency | Revised to S1-191576 | *Merge of S1-191028 and S1-191073.*  Revision of S1-191296. |
| Cont | [S1-191576](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191576.zip) | Samsung | FS\_MUSIM 22834 P-CR: Avoiding Paging Inefficiency | Agreed | *Merge of S1-191028 and S1-191073.*  *Revision of S1-191296.*  Revision of S1-191552.  No presentation |
| Cont | [S1-191073](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191073.zip) | LG Electronics | Support for paging reception for UE with Multiple SIMs | Merged into S1-191296 |  |
| **Emergency services** | | | | | |
| Cont | [S1-191020](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191020.zip) | Intel, Qualcomm | Use Case: Support of Emergency services for Multi-USIM Devices | Merged into S1-191324 |  |
| Cont | [S1-191324](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191324.zip) | Intel, Qualcomm | Use Case: Support of Emergency services for Multi-USIM Devices | Revised to S1-191577 | Merge of S1-191020 and S1-191074. |
| Cont | [S1-191577](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191577.zip) | Intel, Qualcomm | Use Case: Support of Emergency services for Multi-USIM Devices | Revised to S1-191629 | *Merge of S1-191020 and S1-191074.*  Revision of S1-191324. |
| Cont | [S1-191629](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191629.zip) | Intel, Qualcomm | Use Case: Support of Emergency services for Multi-USIM Devices | Agreed | *Merge of S1-191020 and S1-191074.*  *Revision of S1-191324.*  Revision of S1-191577.  No presentation |
| Cont | [S1-191074](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191074.zip) | LG Electronics | Initiating Emergency Call by UEs with multiple SIMs | Merged into S1-191324 |  |
| **Other** | | | | | |
| Cont | [S1-191021](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191021.zip) | Intel | Proposal for Consolidated Requirements | Revised to S1-191325 |  |
| Cont | [S1-191325](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191325.zip) | Intel | Proposal for Consolidated Requirements | Revised to S1-191630 | Revision of S1-191021. |
| Cont | [S1-191630](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191630.zip) | Intel | Proposal for Consolidated Requirements | Agreed | *Revision of S1-191021.*  Revision of S1-191325.  No presentation |
| Cont | [S1-191022](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191022.zip) | Intel | Conclusions and Recommendations for FS\_MUSIM Study | Revised to S1-191578 |  |
| Cont | [S1-191578](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191578.zip) | Intel | Conclusions and Recommendations for FS\_MUSIM Study | Revised to S1-191631 | Revision of S1-191022. |
| Cont | [S1-191631](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191631.zip) | Intel | Conclusions and Recommendations for FS\_MUSIM Study | Agreed | *Revision of S1-191022.*  Revision of S1-191578.  No presentation |
| FS\_MUSIM output + session information | | | | | |
| TR | [S1-191255](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (Intel) | TR22.834v0.1.0 to include agreements at this meeting | Agreed | Mon-Wed-Fri  No presentation |
| TR | [S1-191256](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191256.zip) | Rapporteur (Intel) | Cover page for presentation of TS22.834v1.0.0 | Revised to S1-191632 |  |
| TR | [S1-191632](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191632.zip) | Rapporteur (Intel) | Cover page for presentation of TS22.834v1.0.0 | Agreed | Revision of S1-191256.  No presentation |
| AGE | [S1-191257](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_MUSIM drafting agenda | Agreed |  |
| REP | [S1-191258](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191258.zip) | Session Chair | FS\_MUSIM drafting report | Agreed |  |
| FS\_eCAV: Study on enhancements for cyber-physical control applications in vertical domains [SP-190092] | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.832v0.0.0  Target completion date: SA#85 (09/2019)  Percentage completion: 5% | | | | | |
| **Scope, overview, definitions** | | | | | |
| Cont | [S1-191188](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191188.zip) | Siemens AG | FS\_eCAV - Scope for 22.832 | Revised to S1-191298 |  |
| Cont | [S1-191298](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191298.zip) | Siemens AG | FS\_eCAV - Scope for 22.832 | Revised to S1-191335 | Revision of S1-191188. |
| Cont | [S1-191335](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191335.zip) | Siemens AG | FS\_eCAV - Scope for 22.832 | Agreed | *Revision of S1-191188.*  Revision of S1-191298.  No presentation |
| Cont | [S1-191091](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191091.zip) | Vodafone, Ericsson, Orange | Open issues on network performance requirements | Revised to S1-191299 |  |
| Cont | [S1-191299](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191299.zip) | Vodafone, Ericsson, Orange | Open issues on network performance requirements | Agreed | Revision of S1-191091. |
|  | | | | | |
| **New use cases** | | | | | |
| Cont | [S1-191127](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191127.zip) | NTT DOCOMO | Use case on usage of the underlying Ethernet infrastructure for interface in 5GS | Revised to S1-191300 |  |
| Cont | [S1-191300](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191300.zip) | NTT DOCOMO | Use case on usage of the underlying Ethernet infrastructure for interface in 5GS | Revised to S1-191337 | Revision of S1-191127. |
| Cont | [S1-191337](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191337.zip) | NTT DOCOMO | Use case on usage of the underlying Ethernet infrastructure for interface in 5GS | Withdrawn | *Revision of S1-191127.*  Revision of S1-191300. |
| Cont | [S1-191161](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191161.zip) | Huawei, Qualcomm | Use case for ProSe Device to Device communication for cyber-physical applications | Revised to S1-191301 |  |
| Cont | [S1-191301](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191301.zip) | Huawei, Qualcomm | Use case for ProSe Device to Device communication for cyber-physical applications | Revised to S1-191338 | Revision of S1-191161. |
| Cont | [S1-191338](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191338.zip) | Huawei, Qualcomm | Use case for ProSe Device to Device communication for cyber-physical applications | Agreed | *Revision of S1-191161.*  Revision of S1-191301.  No presentation |
| Cont | [S1-191164](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191164.zip) | Huawei, Intel, Qualcomm | Use case for providing out of network coverage positioning service for cyber-physical applications | Revised to S1-191302 |  |
| Cont | [S1-191302](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191302.zip) | Huawei, Intel, Qualcomm | Use case for providing out of network coverage positioning service for cyber-physical applications | Agreed | Revision of S1-191164. |
| Cont | [S1-191166](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191166.zip) | Huawei | Use case for communication monitoring for CAV applications | Revised to S1-191303 |  |
| Cont | [S1-191303](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191303.zip) | Huawei | Use case for communication monitoring for CAV applications | Revised to S1-191339 | Revision of S1-191166. |
| Cont | [S1-191339](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191339.zip) | Huawei | Use case for communication monitoring for CAV applications | Agreed | *Revision of S1-191166.*  Revision of S1-191303.  No presentation |
| Cont | [S1-191168](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191168.zip) | Huawei, Intel | Use case for network energy efficiency with application assistance | Revised to S1-191304 |  |
| Cont | [S1-191304](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191304.zip) | Huawei, Intel | Use case for network energy efficiency with application assistance | Revised to S1-191340 | Revision of S1-191168. |
| Cont | [S1-191340](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191340.zip) | Huawei, Intel | Use case for network energy efficiency with application assistance | Revised to S1-191579 | *Revision of S1-191168.*  Revision of S1-191304. |
| Cont | [S1-191579](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191579.zip) | Huawei, Intel | Use case for network energy efficiency with application assistance | Agreed | *Revision of S1-191168.*  *Revision of S1-191304.*  Revision of S1-191340.  No presentation |
| Cont | [S1-191193](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191193.zip) | Siemens | FS\_eCAV - TR 22.832 - Multiple Time Domains in gNB | Revised to S1-191305 |  |
| Cont | [S1-191305](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191305.zip) | Siemens | FS\_eCAV - TR 22.832 - Multiple Time Domains in gNB | Revised to S1-191341 | Revision of S1-191193. |
| Cont | [S1-191341](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191341.zip) | Siemens | FS\_eCAV - TR 22.832 - Multiple Time Domains in gNB | Agreed | *Revision of S1-191193.*  Revision of S1-191305.  No presentation |
| Cont | [S1-191194](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191194.zip) | Siemens | FS\_eCAV - TR 22.832 - Merging of working clock domains | Revised to S1-191306 |  |
| Cont | [S1-191306](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191306.zip) | Siemens | FS\_eCAV - TR 22.832 - Merging of working clock domains | Revised to S1-191342 | Revision of S1-191194. |
| Cont | S1-191342 | Siemens | FS\_eCAV - TR 22.832 - Merging of working clock domains | Agreed | *Revision of S1-191194.*  Revision of S1-191306.  No presentation |
| Cont | [S1-191195](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191195.zip) | Siemens | FS\_eCAV - TR 22.832 - Mapping of sync devices in integrated 5G-TSN networks | Revised to S1-191307 |  |
| Cont | [S1-191307](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191307.zip) | Siemens | FS\_eCAV - TR 22.832 - Mapping of sync devices in integrated 5G-TSN networks | Agreed | Revision of S1-191195. |
| Cont | [S1-191196](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191196.zip) | Siemens | FS\_eCAV - 22.832 - Integration of VLANs | Noted |  |
| Cont | [S1-191197](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191197.zip) | Siemens | FS\_eCAV - TR 22.832 - D2D/ProSe communication for cooperative carrying | Revised to S1-191308 |  |
| Cont | [S1-191308](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191308.zip) | Siemens | FS\_eCAV - TR 22.832 - D2D/ProSe communication for cooperative carrying | Revised to S1-191580 | Revision of S1-191197. |
| Cont | [S1-191580](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191580.zip) | Siemens | FS\_eCAV - TR 22.832 - D2D/ProSe communication for cooperative carrying | Agreed | *Revision of S1-191197.*  Revision of S1-191308.  No presentation |
| Cont | [S1-191199](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191199.zip) | Siemens | FS\_eCAV - TR 22.832 - Mobile Operation Panel for Production Lines | Revised to S1-191284 |  |
| Cont | [S1-191284](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191284.zip) | Siemens | FS\_eCAV - TR 22.832 - Mobile Operation Panel for Production Lines | Revised to S1-191309 | Revision of S1-191199. |
| Cont | [S1-191309](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191309.zip) | Siemens | FS\_eCAV - TR 22.832 - Mobile Operation Panel for Production Lines | Revised to S1-191634 | *Revision of S1-191199.*  Revision of S1-191284. |
| Cont | [S1-191634](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191634.zip) | Siemens | FS\_eCAV - TR 22.832 - Mobile Operation Panel for Production Lines | Revised to S1-191641 | *Revision of S1-191199.*  *Revision of S1-191284.*  Revision of S1-191309. |
| Cont | [S1-191641](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191641.zip) | Siemens | FS\_eCAV - TR 22.832 - Mobile Operation Panel for Production Lines | Agreed | *Revision of S1-191199.*  *Revision of S1-191284.*  *Revision of S1-191309.*  Revision of S1-191634.  No presentation |
| Cont | [S1-191200](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191200.zip) | Siemens | FS\_eCAV - TR 22.832 - Communication Service Interface | Revised to S1-191285 |  |
| Cont | [S1-191285](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191285.zip) | Siemens | FS\_eCAV - TR 22.832 - Communication Service Interface | Revised to S1-191310 | Revision of S1-191200. |
| Cont | [S1-191310](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191310.zip) | Siemens | FS\_eCAV - TR 22.832 - Communication Service Interface | Agreed | *Revision of S1-191200.*  Revision of S1-191285. |
| Cont | [S1-191207](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191207.zip) | Fraunhofer IIS | Use cases with an need for vertical positioning | Revised to S1-191311 |  |
| Cont | [S1-191311](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191311.zip) | Fraunhofer IIS | Use cases with an need for vertical positioning | Agreed | Revision of S1-191207. |
| **Consolidation** | | | | | |
| Cont | [S1-191189](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191189.zip) | Siemens | FS\_eCAV - TR 22.832 - Structure for consolidated potential requirements | Agreed |  |
| **Other** | | | | | |
| Cont | [S1-191208](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-191208.zip) | Fraunhofer IIS, Fraunhofer HHI | CR22.104v16.1.0: Adding vertical positioning requirements to TS 22.104 v16.1.0 | Revised to S1-191312 | WI code cyberCAV Rel-16 CR0009R- Cat C  Rel-16 frozen. Rel-17 eCAV? |
| Cont | [S1-191312](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191312.zip) | Fraunhofer IIS, Fraunhofer HHI | CR22.104v16.1.0: Adding vertical positioning requirements to TS 22.104 v16.1.0 | Agreed | *WI code cyberCAV Rel-16 CR0009R- Cat C*  *Rel-16 frozen. Rel-17 eCAV?*  Revision of S1-191208. |
| FS\_eCAV output + session information | | | | | |
| TR | [S1-191259](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190174.zip) | Rapporteur (Siemens) | TR22.832v0.1.0 to include agreements at this meeting | Agreed | Tue-Thu-Fri  No presentation |
| TR | [S1-191260](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191260.zip) | Rapporteur (Siemens) | Cover page for presentation of TS22.832v1.0.0 | Agreed |  |
| AGE | [S1-191261](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190176.zip) | Session Chair | FS\_eCAV drafting agenda | Agreed |  |
| REP | [S1-191262](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191262.zip) | Session Chair | FS\_eCAV drafting report | Agreed |  |
| 1. **Other technical contributions** | | | | | |
| 1. **Work planning contributions** | | | | | |
| * 1. **Work Plan** | | | | | |
| WP | [S1-191005](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-180258.zip) | MCC | Workplan | Noted |  |
| * 1. **Work Item/Study Item status update** | | | | | |
| REP | [S1-191263](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Vencore Labs | FS\_MPS2 – Status report | 90% |  |
| REP | [S1-191264](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | EBU | FS\_AVPROD – Status report | 95% |  |
| REP | [S1-191265](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | OPPO | FS\_NCIS – Status report | 100% |  |
| REP | [S1-191266](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | B-Com | FS\_CMED – Status report | 90% |  |
| REP | [S1-191267](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Novamint | FS\_5G\_ATRAC – Status report | 50% |  |
| REP | [S1-191268](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | KPN | FS\_REFEC – Status report | 60% |  |
| REP | [S1-191269](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | China Unicom | FS\_EAV – Status report | 90% |  |
| REP | [S1-191270](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | LG | FS\_MINT – Status report | 65% | Updated |
| REP | [S1-191271](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Intel | FS\_MUSIM – Status report | 95% |  |
| REP | [S1-191272](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\Docs\S1-190175.zip) | Siemens | FS\_eCAV – Status report | 60% |  |
| REP | [S1-191505](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191505.zip) | UIC | FS\_FRMCS3 – Status report | 40% |  |
| REP | [S1-191590](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191590.zip) | UIC | MONASTERYEND – Status report | 20% |  |
| REP | [S1-191598](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191590.zip) | B<>com | CMED – Status report | 0% |  |
| REP | [S1-191600](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191600.zip) | Intel | MUSIM – Status report | 0% |  |
| REP | [S1-191603](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191600.zip) | Oppo | NCIS – Status report | 0% |  |
| REP | [S1-191605](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191605.zip) | China Unicom | EAV – Status report | 0% |  |
| REP | [S1-191606](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191606.zip) | KPN | REFEC – Status report | 0% |  |
| REP | [S1-191611](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191606.zip) | EBU | AVPROD – Status report | 0% |  |
| REP | [S1-191612](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191612.zip) | Perspecta | MPS2 – Status report | 0% |  |
| REP | [S1-191638](file:///C:\Users\Admin\Documents\3GPP%20SA1%20Suzhou\docs\S1-191612.zip) | Siemens | eCAV – Status report | 10% |  |
| * 1. **SA1 process improvements/updates** | | | | | |
| * 1. **Other non-technical contributions** | | | | | |
| 1. **Next meetings** | | | | | |
| * 1. **Calendar** | | | | | |
| **2019 meetings:**  SA1#87 19-23 August 2019 Sophia Antipolis, Europe  SA1#88 18-22 Nov 2019 Reno, US  **2020 meetings:**  SA1#89 10-14 Feb 2020 TBD, China  SA1#90 18-22 May 2020 TBD, Asia / Australia  SA1#91 24-28 August 2020 (TBC) TBD, Europe  SA1#92 16-20 Nov 2020 TBD, US | | | | | |
| 1. **Any other business** | | | | | |
| 1. **Close** | | | | | |
| Close by 16:00 on Friday 10 May 2019 | | | | | |