3GPP TSG-SA WG1 Meeting #82 S1-181002

Dubrovnik, Croatia, 7 - 11 May 2018

Title: Final Schedule and Agenda with document allocation for SA1#82

Ag. Item: 1.1

Source: SA1 Chairman

Contact: Toon Norp

Submission Guidelines

* **Submission deadlines:**
  + **Tdoc number** and **CR number** requests: **Friday,** 27 April 2018, 23:00 UTC
  + Document **submission**: **Friday**, 27 April 2018, 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#82)
* Please use the document templates available at [http://www.3gpp.org/ftp/tsg\_sa/WG1\_Serv/TSGS1\_82\_Dubrovnik/templates/Template\_WI\_Status\_Update.zip](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_81_Fukuoka/templates/Template_WI_Status_Update.zip)
* 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 Villa Argentina Salon

Room B: Breakout Galeon

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|  |  | **Monday** | **Tuesday** | **Wednesday** |  | **Thursday** | **Friday** |
| **Q0** | **08:10**  **09:00** |  | **Plenary (Rm A):**  Private/exclusive network discussion | **Drafting 1 (Rm A):**  CAV  =================  **Drafting 2 (Rm B):**  enIMS+5GMSG+ QoS\_Mon+MPS | **08:10**  **09:00** | **Plenary:**  New LSs  Type A / Type B terminology discussion | **Plenary:**  Revisions  HYPOS+5GSAT+  MARCOM  Railway |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  Plenary:  1. Opening  2. Reports  3. LSs | **Drafting 1 (Rm A):**  CAV  =================  **Drafting 2 (Rm B):**  HYPOS+5GSAT+ MARCOM | **Drafting 1 (Rm A):**  CAV  =================  **Drafting 2 (Rm B):**  enIMS+5GMSG+ QoS\_Mon+MPS | **09:00**  **10:30** | **Plenary:**  Revisions  LSs  WIDs | **Plenary:**  Revisions  enIMS+5GMSG+  QoS\_Mon+MPS V2Ximp+ID\_UAS |
|  | **Coffee** |  |  |  | **Coffee** |  |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  3. LSs  4. New WIDs | **Drafting 1 (Rm A):**  CAV  =================  **Drafting 2 (Rm B):**  HYPOS+5GSAT+ MARCOM | **Drafting 1 (Rm A):**  CAV  =================  **Drafting 2 (Rm B):**  HYPOS+5GSAT+ MARCOM | **11:00**  **12:30** | **Plenary:**  Revisions  WIDs  Rel-15 CRs | **Plenary:**  Revisions |
|  | **Lunch** |  |  |  | **Lunch** |  |  |
| **Q3** | **14:00**  **15:30** | **Plenary:**  4. New WIDs | **Drafting 1 (Rm A):**  BMNS+LUCIA  =================  **Drafting 2 (Rm B):**  Railway | **Drafting 1 (Rm A):**  Railway  =================  **Drafting 2 (Rm B):**  HYPOS+5GSAT+ MARCOM | **14:00**  **15:30** | **Plenary:**  Revisions  Rel-14 CRs  CAV  BMNS+LUCIA | **Plenary:**  Revisions  Work item reports  Meeting closes at 16:00 latest |
|  | **Coffee** |  |  |  | **Coffee** |  |  |
| **Q4** | **16:00**  **18:00** | **Plenary:**  5. Rel-15 and earlier | **Drafting 1 (Rm A):**  BMNS+LUCIA  =================  **Drafting 2 (Rm B):**  Railway | **Drafting 1 (Rm A)**  Railway  =================  **Drafting 2 (Rm B):**  V2Ximp+ID\_UAS | **16:00**  **18:00** | **Plenary:**  Revisions  CAV  BMNS+LUCIA |  |
|  |  |  |  |  |  |  |  |
| **Q5** | **18:10**  **19:30** | **Plenary:**  5. Rel-15 and earlier  6.3 Smarter\_Ph2  6.5+7.12 Rel-16 maintenance | **MMS** | **Drafting 1 (Rm A):**  enIMS+5GMSG+ QoS\_Mon+MPS  =================  **Drafting 2 (Rm B):**  V2Ximp+ID\_UAS | **18:10**  **19:30** | **Plenary:**  Revisions  BMNS+LUCIA  HYPOS+5GSAT+  MARCOM |  |

**NOTE:**

**Slots scheduled based on contributions submitted**

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

**Drafting chairs:**

**Ki-Dong Lee: CAV and V2Ximp+ID\_UAS**

**Greg Schumacher: Railway and enIMS+5GMSF+QoS\_Mon+MPS**

**Toon Norp: HYPOS+5GSAT+MARCOM and BMNS+LUCIA**

**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)

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Doc  Type | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-16xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-16xxxx | Source | Title | Revised to S1-16xxxx |  |
| CR | S1-16xxxx | Source | Title | Noted |  |
| CR | S1-16xxxx | Source | Title | Withdrawn |  |
| CR | S1-16xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-16xxxx | Source | Title | Rejected |  |
| CR | S1-16xxxx | Source | Title | Postponed |  |
| CR | S1-16xxxx | Source | Title | Email Approval |  |
| CR | S1-16xxxx | Source | Title | Not Handled |  |
|  | S1-16xxxx |  |  | Unallocated / Drafting |  |

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| 1. **Opening of the meeting** | | | | | | | |
| Opening of the meeting at 09:00 on Monday 7 May 2018 | | | | | | | |
| * 1. **Agenda and scheduling** | | | | | | | |
| AGE | [S1-181000](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181000.zip) | SA1 Chairman | | Draft agenda for SA1#82 | Revised to S1-181001 |  | |
| AGE | [S1-181001](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181001.zip) | SA1 Chairman | | 2nd Draft agenda for SA1#82 | Revised to S1-181002 | Revision of S1-181000. | |
| AGE | [S1-181002](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181002.zip) | SA1 Chairman | | Final Schedule and Agenda with document allocation for SA1#82 | Agreed | *Revision of S1-181000.*  Revision of S1-181001.  No presentation | |
| IPR, antitrust and competition laws | | | | | | | |
|  | | | The attention of the delegates to this meeting is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.   Members are hereby invited:  - to investigate whether their companies owns IPRs which are, or are likely to become essential in respect of the work of 3GPP.  - to notify the Director-General or the Chairman of their Organizational Partners, of all potential IPRs that their companies may own, by means of the appropriate IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms [**http://webapp.etsi.org/Ipr/**](http://webapp.etsi.org/Ipr/)). | | | |  |
|  | | | The attention of the delegates to this meeting is also drawn to the fact that 3GPP activities are subject to antitrust and competition laws and that compliance with said laws is therefore required of any participant of this meeting including the Chairman and Vice Chairmen. In case of questions, it is recommend that delegates contact their respective legal counsel.  The present meeting will be conducted with strict impartiality and in the interests of 3GPP.  Furthermore, delegates are reminded that timely submission of work items in advance of the meeting 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 | [S1-181004](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181004.zip) | ETSI | | Draft minutes of SA1#81 | Revised to S1-181005 |  | |
| REP | [S1-181005](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181005.zip) | ETSI | | Draft minutes of SA1#81 | Agreed | Revision of S1-181004. | |
| * 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_81_Fukuoka/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 | [S1-181003](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181003.zip) | SA1 chairman | | SA1-related topics at SA#79 | Noted |  | |
| 1. **Liaison Statements (including related contributions)** | | | | | | | |
| **Mission Critical** | | | | | | | |
| TO | [S1-181270](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181270.zip) | S6-180718 | | LS on MC services over IOPS | Noted |  | |
| OUT | [S1-181009](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181009.zip) | Ericsson | | **[DRAFT]** reply LS on MC services over IOPS | Revised to S1-181346 | Response to S6-180718 | |
| OUT | [S1-181346](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181346.zip) | Ericsson | | **[DRAFT] reply LS on MC services over IOPS** | Agreed | *Response to S6-180718*  Revision of S1-181009.  No presentation | |
| OUT | [S1-181140](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181140.zip) | Nokia | | LS on Removal of LTE specific terminology from Group Communication System Enabler TS 22.468 | Moved to 4 | - | |
| **Secure storage** | | | | | | | |
| TO | [S1-181265](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181265.zip) | S3-180851 | | Reply-LS on secure storage and processing of subscription credentials | Postponed | Response to S1-173475 | |
| CR | [S1-181054](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181054.zip) | KPN | | CR22.261v15.4.0: Clarification on secure storage and processing of subscription credentials | Revised to S1-181347 | WI code SMARTER Rel-15 CR0091R- Cat F | |
| CR | [S1-181347](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181347.zip) | KPN | | CR22.261v15.4.0: Clarification on secure storage and processing of subscription credentials | Revised to S1-181652 | *WI code SMARTER Rel-15 CR0091R- Cat F*  Revision of S1-181054. | |
| CR | [S1-181652](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181652.zip) | KPN | | CR22.261v15.4.0: Clarification on secure storage and processing of subscription credentials | Noted | *WI code SMARTER Rel-15 CR0091R- Cat F*  *Revision of S1-181054.*  Revision of S1-181347. | |
| CR | [S1-181651](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181347.zip) | KPN | | CR22.261v15.4.0: Clarification on secure storage and processing of subscription credentials | Noted | *WI code SMARTER Rel-16 CR0105R- Cat F*. | |
| OUT | [S1-181055](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181055.zip) | KPN | | **[DRAFT]** Reply-LS on secure storage and processing of subscription credentials | Revised to S1-181348 | Response to S3-180851 | |
| OUT | [S1-181348](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181348.zip) | KPN | | **[DRAFT]** Reply-LS on secure storage and processing of subscription credentials | Revised to S1-181653 | *Response to S3-180851*  Revision of S1-181055. | |
| OUT | [S1-181653](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181653.zip) | KPN | | **[DRAFT] Reply-LS on secure storage and processing of subscription credentials** | Noted | *Response to S3-180851*  *Revision of S1-181055.*  Revision of S1-181348. | |
| **URLLC** | | | | | | | |
| TO | [S1-181262](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181262.zip) | S2-183015 | | Reply LS on URLLC | Noted | Response to S1-180628 | |
| Cont | [S1-181172](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181172.zip) | Vodafone | | Discussion on URLLC KPIs | Revised to S1-181332 |  | |
| Cont | [S1-181332](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181332.zip) | Vodafone | | Discussion on URLLC KPIs | Noted | Revision of S1-181172. | |
| OUT | [S1-181219](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181219.zip) | Nokia | | **[DRAFT]** Reply LS on URLLC | Revised to S1-181341 | Response to S2-183015 | |
| OUT | [S1-181341](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181341.zip) | Nokia | | **[DRAFT]** Reply LS on URLLC | Revised to S1-181360 | *Response to S2-183015*  Revision of S1-181219. | |
| OUT | [S1-181360](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181360.zip) | Nokia | | **[DRAFT]** Reply LS on URLLC | Revised to S1-181657 | *Response to S2-183015*  *Revision of S1-181219.*  Revision of S1-181341. | |
| OUT | [S1-181657](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181657.zip) | Nokia | | **[DRAFT] Reply LS on URLLC** | Agreed | *Response to S2-183015*  *Revision of S1-181219.*  *Revision of S1-181341.*  Revision of S1-181360.  No presentation | |
| CR | [S1-181164](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181164.zip) | Vodafone | | CR22.278v15.2.0: Release 15 further alignment on URLLC KPIs | Revised to S1-181333 | WI code SMARTER Rel-15 CR 0247 R- Cat F  Moved from 5.1 | |
| CR | [S1-181333](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181333.zip) | Vodafone | | CR22.278v15.2.0: Release 15 further alignment on URLLC KPIs | Revised to S1-181359 | *WI code SMARTER Rel-15 CR 0247 R- Cat F*  *Moved from 5.1*  Revision of S1-181164. | |
| CR | [S1-181359](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181359.zip) | Vodafone | | CR22.278v15.2.0: Release 15 further alignment on URLLC KPIs | Agreed | *WI code SMARTER Rel-15 CR 0247 R- Cat F*  *Moved from 5.1*  *Revision of S1-181164.*  Revision of S1-181333. | |
| CR | [S1-181171](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181171.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on URLLC KPIs | Revised to S1-181334 | WI code SMARTER\_Ph2 Rel-16 CR 0249 R- Cat A  Moved from 6.3  Cat-A CRs have the same title and WI code as the CR they are mirror off. There is no Rel-16 version of 22.278, so a mirror is not needed | |
| CR | [S1-181334](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181334.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on URLLC KPIs | Noted | *WI code SMARTER\_Ph2 Rel-16 CR 0249 R- Cat A*  *Moved from 6.3*  *Cat-A CRs have the same title and WI code as the CR they are mirror off. There is no Rel-16 version of 22.278, so a mirror is not needed*  Revision of S1-181171. | |
| CR | [S1-181169](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181169.zip) | Vodafone | | CR22.261v15.4.0: Release 15 further alignment on the URLLC KPIs | Revised to S1-181335 | WI code SMARTER Rel-15 CR 0100 R- Cat F  Moved from 5.1 | |
| CR | [S1-181335](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181335.zip) | Vodafone | | CR22.261v15.4.0: Release 15 further alignment on the URLLC KPIs | Revised to S1-181358 | *WI code SMARTER Rel-15 CR 0100 R- Cat F*  *Moved from 5.1*  Revision of S1-181169. | |
| CR | [S1-181358](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181358.zip) | Vodafone | | CR22.261v15.4.0: Release 15 further alignment on the URLLC KPIs | Revised to S1-181654 | *WI code SMARTER Rel-15 CR 0100 R- Cat F*  *Moved from 5.1*  *Revision of S1-181169.*  Revision of S1-181335. | |
| CR | [S1-181654](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181654.zip) | Vodafone | | CR22.261v15.4.0: Release 15 further alignment on the URLLC KPIs | Agreed | *WI code SMARTER Rel-15 CR 0100 R- Cat F*  *Moved from 5.1*  *Revision of S1-181169.*  *Revision of S1-181335.*  Revision of S1-181358.  Fixed editorial issues with styles  No presentation | |
| CR | [S1-181221](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181221.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v15.4.0: Clarifications on communication service availability and reliability | Revised to S1-181361 | WI code SMARTER Rel-15 CR0102R- Cat F | |
| CR | [S1-181361](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181361.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v15.4.0: Clarifications on communication service availability and reliability | Agreed | *WI code SMARTER Rel-15 CR0102R- Cat F*  Revision of S1-181221.  No presentation | |
| CR | [S1-181222](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181222.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v16.3.0: Clarifications on communication service availability and reliability | Revised to S1-181362 | WI code SMARTER Rel-16 CR0103R- Cat A | |
| CR | [S1-181362](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181362.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v16.3.0: Clarifications on communication service availability and reliability | Revised to S1-181656 | *WI code SMARTER Rel-16 CR0103R- Cat A*  Revision of S1-181222.  No presentation | |
| CR | [S1-181656](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181656.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v16.3.0: Clarifications on communication service availability and reliability | Revised to S1-181740 | *WI code SMARTER Rel-16 CR0103R- Cat F*  *Revision of S1-181222.*  *No presentation*  Revision of S1-181362. | |
| CR | [S1-181740](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181740.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v16.3.0: Clarifications on communication service availability and reliability | Agreed | *WI code SMARTER Rel-16 CR0103R- Cat F*  *Revision of S1-181222.*  *SMARTER->SMARTERPh2*  *No presentation*  *Revision of S1-181362.*  Revision of S1-181656.  No presentation | |
| **PS Data Off** | | | | | | | |
| TO | [S1-181252](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181252.zip) | C1-182783 | | Reply LS on Change default exempt status for BIP with respect to 3GPP PS Data Off feature | Noted | Response to C6-180039 | |
| Out | [S1-181363](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181363.zip) | Qualcomm | | Reply LS on Change default exempt status for BIP with respect to 3GPP PS Data Off feature | Agreed | Response to C6-181252 | |
| TO | [S1-181259](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181259.zip) | GSMA RILTE#64 | | LS on PS Data Off for 5G | Noted |  | |
| **Delay Tolerant Access and Low Access priority** | | | | | | | |
| TO | [S1-181264](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181264.zip) | S2-184558 | | LS on Delay Tolerant Access and Low Access Priority in 5GS | Noted |  | |
| CR | [S1-181324](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181324.zip) | Qualcomm Incorporated | | CR22.261v15.4.0: Clarifications on communication service availability and reliability | Noted | WI code SMARTER Rel-15 CR0104R- Cat F | |
| Out | [S1-181364](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181364.zip) | Qualcomm | | Reply LS on on Delay Tolerant Access and Low Access Priority in 5GS | Agreed | Response to S1-181264 | |
| **Multi-device requirements** | | | | | | | |
| TO | [S1-181571](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181571.zip) | GSMA RILTE\_65 Doc 108 | | LS on multi-device requirements | Noted |  | |
| WID | [S1-181382](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181382.zip) | Ericsson, Orange | | New WID on multi-device and multi-identity | Revised to S1-181639 | *4 supporting companies needed*  Revision of S1-181179.  Moved from 4 | |
| WID | [S1-181639](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181639.zip) | Ericsson, Orange | | New WID on multi-device and multi-identity | Revised to S1-181699 | *4 supporting companies needed*  *Revision of S1-181179.*  *Moved from 4*  Revision of S1-181382.  No presentation | |
| WID | [S1-181699](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181699.zip) | Ericsson, Orange | | New WID on multi-device and multi-identity | Agreed | *4 supporting companies needed*  *Revision of S1-181179.*  *Moved from 4*  *Revision of S1-181382.*  *No presentation*  Revision of S1-181639.  To add one more supporting company  No presentation | |
| CR | [S1-181383](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181383.zip) | Ericsson, Orange | | CR22.173v15.1.0: Multi-device requirements | Revised to S1-181640 | *WI code MUD Rel-16 CR XXXX R- Cat B*  *No change bars on cover page*  Revision of S1-181237.  Moved from 4 | |
| CR | [S1-181640](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181640.zip) | Ericsson, Orange | | CR22.173v15.1.0: Multi-device requirements | Revised to S1-181739 | *WI code MUD Rel-16 CR XXXX R- Cat B*  *No change bars on cover page*  *Revision of S1-181237.*  *Moved from 4*  Revision of S1-181383. | |
| CR | [S1-181739](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181739.zip) | Ericsson, Orange | | CR22.173v15.1.0: Multi-device requirements | Agreed | *WI code MUD Rel-16 CR XXXX R- Cat B*  *No change bars on cover page*  *Revision of S1-181237.*  *Moved from 4*  *Revision of S1-181383.*  Revision of S1-181640. | |
| LS | [S1-181641](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181641.zip) | Ericsson | | LS on multi-device and multi-identities | Revised to S1-181642 |  | |
| LS | [S1-181642](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181642.zip) | Ericsson | | LS on multi-device and multi-identities | Agreed | Revision of S1-181641.  No presentation | |
| LS | [S1-181643](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181643.zip) | Ericsson | | Reply LS on multi-device and multi-identities | Revised to S1-181741 | Revision of S1-181641. | |
| LS | [S1-181741](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181741.zip) | Ericsson | | Reply LS on multi-device and multi-identities | Agreed | *Revision of S1-181641.*  Revision of S1-181643.  No presentation | |
| **Other** | | | | | | | |
| TO | [S1-181256](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181256.zip) | GSMA NG#6 | | LS on Archiving PRDs | Noted |  | |
| TO | [S1-181260](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181260.zip) | ETSI RRS(17)040038r2 | | LS on TC RRS WI " Feasibility Study of a Radio Interface Engine" | Noted |  | |
| TO | [S1-181273](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181273.zip) | SP-180234 | | LS on Guidance on UE WiFi MAC Address inclusion in LTE Positioning Protocol | Noted |  | |
| TO | [S1-181263](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181263.zip) | S2-183032 | | LS on UE WLAN MAC address inclusion in E911 location information | Noted | Response to S1-180298 | |
| TO | [S1-181353](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181353.zip) | 5GAA\_A-180156\_NESQO | | LS to 3GPP on QoS Prediction | Noted |  | |
| LS | [S1-181644](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181644.zip) | LG | | Reply LS on QoS Prediction | Revised to S1-181742 | Response to S1-181353 | |
| LS | [S1-181742](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181742.zip) | LG | | Reply LS on QoS Prediction | Agreed | *Response to S1-181353*  Revision of S1-181644.  Add all agreed V2Ximp CRs to ZIPfile  No presentation | |
| TO | [S1-181354](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181354.zip) | 5G-ACIA | | 5G for Industrial Communication | Noted |  | |
| LS | [S1-181645](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181645.zip) | Siemens | | Reply LS on 5G for Industrial Communication | Withdrawn | Response to S1-181354 | |
| TO | [S1-181356](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181356.zip) | ETSI RRS(17)040038r2 | | LS on TC RRS WI " Feasibility Study of a Radio Interface Engine" | Withdrawn |  | |
| TO | [S1-181357](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181357.zip) | S4-AH1793 | | LS on typical media bandwidths | Noted |  | |
| **LSs in CC** | | | | | | | |
| CC | [S1-181269](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181269.zip) | S4-180633 | | LS on the transmission of video over PC5 interface | Noted |  | |
| CC | [S1-181266](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181266.zip) | S3-180998 | | LS on SoR mechanism | Noted | Response to C1-180761 | |
| CC | [S1-181250](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181250.zip) | C1-182490 | | Reply LS on SoR mechanism | Noted | Response to S3-180998 | |
| CC | [S1-181268](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181268.zip) | S3i180141 | | LS on SoR mechanism | Noted | Response to S3-180998 | |
| CC | [S1-181267](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181267.zip) | S3-181501 | | Reply LS on SoR mechanism | Noted | Response to C1-182490 | |
| CC | [S1-181253](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181253.zip) | C1-182829 | | Reply LS on SoR mechanism | Noted | Response to S3i180141 | |
| CC | [S1-181254](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181254.zip) | C1-182830 | | Reply LS on SoR mechanism | Noted | Response to S3-181501 | |
| CC | [S1-181261](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181261.zip) | S2-182723 | | Reply LS on PLMN and RAT selection policies for roaming | Noted |  | |
| CC | [S1-181251](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181251.zip) | C1-182779 | | LS on modification of solution for PLMN and RAT selection policies for roaming based on SA2 comments | Noted | Response to S2-182723 | |
| CC | [S1-181255](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181255.zip) | NGMN | | NGMN Paper on 5G End-to-End Architecture Framework | Noted |  | |
| CC | [S1-181257](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181257.zip) | R2-1803939 | | Reply LS on CT1's chosen solution for unified access control | Noted | Response to C1-180708 | |
| CC | [S1-181258](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181258.zip) | R4-1802691 | | Reply LS on NR interworking with GSM and UMTS | Noted | Response to RP-172823 | |
| CC | [S1-181271](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181271.zip) | ITU-T FG ML5G-0-004 | | LS/o on the results of the 1st meeting of the ITU-T Focus Group on Machine Learning for Future Networks including 5G (FG ML5G) | Noted |  | |
| CC | [S1-181272](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181272.zip) | SP-180215 | | Reply LS on Establishment of SAE Cellular V2X Technical Committee and Associated Task Forces | Noted | Response to SAE 12112017-1 | |
| CC | [S1-181355](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181355.zip) | R2-1806231 | | LS on RAN2 agreement on UAC for AS triggered events | Noted |  | |
| 1. **New Study and Work Items (including related contributions)** | | | | | | | |
| WID | [S1-181014](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181014.zip) | THALES, TNO, CNES, Avanti, CTTC, ESA, Fraunhofer IIS, HNS, Nomor, Catapult, IAESI, SES. ICS, VTT, LEONARDO, Airbus, iDirect, Eutelsat, SyncTechno, Siemens AG | | New WID on Integration of Satellite Access in 5G | Moved to 7.5 |  | |
| Cont | [S1-181340](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181340.zip) | EBU | | Support information for WID Feasibility Study on Audio-Visual Service Production | Noted |  | |
| WID | [S1-181023](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181023.zip) | EBU | | Feasibility Study on Audio-Visual Service Production | Revised to S1-181365 |  | |
| WID | [S1-181365](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181365.zip) | EBU | | Feasibility Study on Audio-Visual Service Production | Agreed | Revision of S1-181023.  No presentation | |
| Cont | [S1-181025](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181025.zip) | Orange, Huawei | | Extreme Long Range Communications – Discussion paper | Revised to S1-181327 |  | |
| Cont | [S1-181327](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181327.zip) | Orange, Huawei | | Extreme Long Range Communications – Discussion paper | Noted | Revision of S1-181025. | |
| Cont | [S1-181028](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181028.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | Discussion on inter-RAT mobility requirements for real-time service | Noted |  | |
| WID | [S1-181026](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181026.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | WID on inter-RAT Mobility requirements for real time service | Revised to S1-181369 | Clarify list of source and supporting companies | |
| WID | [S1-181369](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181369.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | WID on inter-RAT Mobility requirements for real time service | Revised to S1-181658 | *Clarify list of source and supporting companies*  Revision of S1-181026. | |
| WID | [S1-181658](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181658.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | WID on inter-RAT Mobility requirements for real time service | Agreed | *Clarify list of source and supporting companies*  *Revision of S1-181026.*  Revision of S1-181369.  To accept all revision in WID  No presentation | |
| CR | [S1-181027](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181027.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | CR22.261v16.3.0: Inter-RAT Mobility requirement for realtime service | Revised to S1-181370 | WI code 5GS\_ph1 Rel-16 CR DUMMY R- Cat C  Source to TSG is SA1 Wi-code from WID, CR number needed update clauses affected | |
| CR | [S1-181370](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181370.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | CR22.261v16.3.0: Inter-RAT Mobility requirement for realtime service | Revised to S1-181659 | *WI code 5GS\_ph1 Rel-16 CR DUMMY R- Cat C*  *Source to TSG is SA1 Wi-code from WID, CR number needed update clauses affected*  Revision of S1-181027. | |
| CR | [S1-181659](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181659.zip) | OPPO, China Mobile, China Telecom, Alibaba Inc., CATT, CATR, ZTE | | CR22.261v16.3.0: Inter-RAT Mobility requirement for realtime service | Agreed | *WI code 5GS\_ph1 Rel-16 CR 0253 R- Cat C*  *Source to TSG is SA1 Wi-code from WID, CR number needed update clauses affected*  *Revision of S1-181027.*  Revision of S1-181370. | |
| Cont | [S1-181029](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181029.zip) | OPPO | | Discussion on Network Controlled  Interactive Service in 5GS | Noted |  | |
| WID | [S1-181030](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181030.zip) | OPPO | | SID Proposal: Study on Network Controlled Interactive Service in 5GS | Revised to S1-181371 |  | |
| WID | [S1-181371](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181371.zip) | OPPO | | SID Proposal: Study on Network Controlled Interactive Service in 5GS | Agreed | Revision of S1-181030. | |
| WID | [S1-181044](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181044.zip) | SyncTechno Inc., Korean Register of shipping | | New WID on Maritime Communication Services over 3GPP System | Moved to 7.2 |  | |
| WID | [S1-181060](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181060.zip) | KPN | | New WID on LAN support in 5G | Revised to S1-181372 |  | |
| WID | [S1-181372](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181372.zip) | KPN | | New WID on LAN support in 5G | Agreed | Revision of S1-181060. | |
| CR | [S1-181075](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181075.zip) | KPN | | CR22.261v16.3.0: 5GLAN Requirements | Revised to S1-181373 | WI code 5GLAN Rel-16 CR 0096 R- Cat B  Clauses affected: New 6.X | |
| CR | [S1-181373](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181373.zip) | KPN | | CR22.261v16.3.0: 5GLAN Requirements | Noted | *WI code 5GLAN Rel-16 CR 0096 R- Cat B*  *Clauses affected: New 6.X*  Revision of S1-181075. | |
| CR | [S1-181208](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181208.zip) | Qualcomm Incorporated, Siemens | | CR22.261v16.3.0: Inclusion of ethernet transport services in TS 22.261 | Revised to S1-181374 | WI code cyberCAV Rel-16 CR 0101 R- Cat B  WI code 5GLAN or cyberCAV | |
| CR | [S1-181374](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181374.zip) | Qualcomm Incorporated, Siemens | | CR22.261v16.3.0: Inclusion of ethernet transport services in TS 22.261 | Revised to S1-181663 | *WI code cyberCAV Rel-16 CR 0101 R- Cat B*  *WI code 5GLAN or cyberCAV*  Revision of S1-181208. | |
| CR | [S1-181663](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181663.zip) | Qualcomm Incorporated, Siemens | | CR22.261v16.3.0: Inclusion of ethernet transport services in TS 22.261 | Revised to S1-181547 | *WI code cyberCAV Rel-16 CR 0101 R2 Cat B*  *WI code 5GLAN or cyberCAV*  *Revision of S1-181208.*  Revision of S1-181374.  No presentation  No presentation | |
| CR | [S1-181547](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181547.zip) | Qualcomm Incorporated, Siemens | | CR22.261v16.3.0: Inclusion of ethernet transport services in TS 22.261 | Agreed | *WI code cyberCAV Rel-16 CR 0101 R2 Cat B*  *WI code 5GLAN or cyberCAV*  *Revision of S1-181208.*  *Revision of S1-181374.*  *No presentation*  *No presentation*  Revision of S1-181663. | |
| Cont | [S1-181638](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181638.zip) | Qualcomm | | cyberCAV TS inclusion of Ethernet requirements | Revised to S1-181664 | Split off from S1-18208 | |
| Cont | [S1-181664](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181664.zip) | Qualcomm | | cyberCAV TS inclusion of Ethernet requirements | Agreed | *Split off from S1-18208*  Revision of S1-181638.  No presentation | |
| WID | [S1-181087](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181087.zip) | China Telecom | | New WID on Enhancement of LTE for Efficient delivery of Streaming Service | Revised to S1-181375 |  | |
| WID | [S1-181375](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181375.zip) | China Telecom | | New WID on Enhancement of LTE for Efficient delivery of Streaming Service | Revised to S1-181665 | Revision of S1-181087. | |
| WID | [S1-181665](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181665.zip) | China Telecom | | New WID on Enhancement of LTE for Efficient delivery of Streaming Service | Revised to S1-181753 | *Revision of S1-181087.*  Revision of S1-181375.  Add KRRI, accept all revisions.  No presentation | |
| WID | [S1-181753](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181753.zip) | China Telecom | | New WID on Enhancement of LTE for Efficient delivery of Streaming Service | Agreed | *Revision of S1-181087.*  *Revision of S1-181375.*  *Add KRRI, accept all revisions.*  *No presentation*  Revision of S1-181665.  No presentation | |
| CR | [S1-181071](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181071.zip) | ZTE Corporation, China Telecom, CATT | | CR22.278v15.2.0: Support of streaming services | Revised to S1-181376 | WI code DUMMY Rel-16 CR 0245 R- Cat F  Update clauses affected. Use Cat-B. TRs cannot be referenced | |
| CR | [S1-181376](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181376.zip) | ZTE Corporation, China Telecom, CATT | | CR22.278v15.2.0: Support of streaming services | Revised to S1-181667 | *WI code DUMMY Rel-16 CR 0245 R- Cat F*  *Update clauses affected. Use Cat-B. TRs cannot be referenced*  Revision of S1-181071. | |
| CR | [S1-181667](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181667.zip) | ZTE Corporation, China Telecom, CATT | | CR22.278v15.2.0: Support of streaming services | Revised to S1-181750 | *WI code DUMMY Rel-16 CR 0245 R- Cat F*  *Update clauses affected. Use Cat-B. TRs cannot be referenced*  *Revision of S1-181071.*  Revision of S1-181376. | |
| CR | [S1-181750](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181750.zip) | ZTE Corporation, China Telecom, CATT | | CR22.278v15.2.0: Support of streaming services | Agreed | *WI code DUMMY Rel-16 CR 0245 R- Cat F*  *Update clauses affected. Use Cat-B. TRs cannot be referenced*  *Revision of S1-181071.*  *Revision of S1-181376.*  Revision of S1-181667.  No presentation | |
| CR | [S1-181072](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181072.zip) | ZTE Corporation, China Telecom, CATT | | CR22.115v15.3.0: Charging for streaming services | Revised to S1-181377 | WI code DUMMY Rel-16 CR 0245 R- Cat F  Update clauses affected. Use Cat-B. TRs cannot be referenced | |
| CR | [S1-181377](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181377.zip) | ZTE Corporation, China Telecom, CATT | | CR22.115v15.3.0: Charging for streaming services | Revised to S1-181668 | *WI code DUMMY Rel-16 CR 0245 R- Cat F*  *Update clauses affected. Use Cat-B. TRs cannot be referenced*  Revision of S1-181072. | |
| CR | [S1-181668](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181668.zip) | ZTE Corporation, China Telecom, CATT | | CR22.115v15.3.0: Charging for streaming services | Revised to S1-181751 | *WI code DUMMY Rel-16 CR 0245 R2 Cat F*  *Update clauses affected. Use Cat-B. TRs cannot be referenced*  *Revision of S1-181072.*  Revision of S1-181377. | |
| CR | [S1-181751](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181751.zip) | ZTE Corporation, China Telecom, CATT | | CR22.115v15.3.0: Charging for streaming services | Agreed | *WI code DUMMY Rel-16 CR 0245 R2 Cat F*  *Update clauses affected. Use Cat-B. TRs cannot be referenced*  *Revision of S1-181072.*  *Revision of S1-181377.*  Revision of S1-181668.  No presentation | |
| WID | [S1-181112](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181112.zip) | KDDI | | New WID on Policy delivery to UE for background data transfer | Revised to S1-181366 | 4 supporting companies needed | |
| WID | [S1-181366](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181366.zip) | KDDI | | New WID on Policy delivery to UE for background data transfer | Revised to S1-181379 | *4 supporting companies needed*  Revision of S1-181112. | |
| WID | [S1-181379](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181379.zip) | KDDI | | New WID on Policy delivery to UE for background data transfer | Revised to S1-181669 | *4 supporting companies needed*  *Revision of S1-181112.*  Revision of S1-181366. | |
| WID | [S1-181669](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181669.zip) | KDDI | | New WID on Policy delivery to UE for background data transfer | Agreed | *4 supporting companies needed*  *Revision of S1-181112.*  *Revision of S1-181366.*  Revision of S1-181379.  Accept all revisions  No presentation | |
| CR | [S1-181114](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181114.zip) | KDDI, TOYOTA ITC | | CR22.261v16.3.0: Policy delivery to UE for background data transfer | Revised to S1-181367 | WI code PDBDT Rel-16 CR 0098 R- Cat B | |
| CR | [S1-181367](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181367.zip) | KDDI, TOYOTA ITC | | CR22.261v16.3.0: Policy delivery to UE for background data transfer | Revised to S1-181380 | *WI code PDBDT Rel-16 CR 0098 R- Cat B*  Revision of S1-181114. | |
| CR | [S1-181380](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181380.zip) | KDDI, TOYOTA ITC | | CR22.261v16.3.0: Policy delivery to UE for background data transfer | Revised to S1-181671 | *WI code PDBDT Rel-16 CR 0098 R- Cat B*  *Revision of S1-181114.*  Revision of S1-181367. | |
| CR | [S1-181671](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181671.zip) | KDDI, TOYOTA ITC | | CR22.261v16.3.0: Policy delivery to UE for background data transfer | Agreed | *WI code PDBDT Rel-16 CR 0098 R- Cat B*  *Revision of S1-181114.*  *Revision of S1-181367.*  Revision of S1-181380. | |
| WID | [S1-181113](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181113.zip) | Deutsche Telekom | | New WID on User Identities and Authentication | Moved to 7.8 | 4 supporting companies needed | |
| WID | [S1-181138](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181138.zip) | Nokia | | Revised WID: Removal of 'over LTE' / 'for LTE' limitation from Mission Critical Specifications | Agreed |  | |
| CR | [S1-181139](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181139.zip) | Nokia, UIC | | CR22.468v14.0.0: Removal of LTE specific terminology from 22.468 | Revised to S1-181381 | WI code MCOver Rel-15 CR 0014 R- Cat F  Moved from 5 | |
| CR | [S1-181381](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181381.zip) | Nokia, UIC | | CR22.468v14.0.0: Removal of LTE specific terminology from 22.468 | Agreed | *WI code MCOver Rel-15 CR 0014 R- Cat F*  *Moved from 5*  Revision of S1-181139. | |
| OUT | [S1-181140](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181140.zip) | Nokia | | LS on Removal of LTE specific terminology from Group Communication System Enabler TS 22.468 | Revised to S1-181249 | Moved from 3 | |
| OUT | [S1-181249](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181249.zip) | Nokia | | LS on Removal of LTE specific terminology from Group Communication System Enabler TS 22.468 | Agreed | *Moved from 3*  Revision of S1-181140.  No presentation | |
| WID | [S1-181179](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181179.zip) | Ericsson, Orange | | New WID on multi-device and multi-identity | Revised to S1-181382 | 4 supporting companies needed | |
| WID | [S1-181382](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181382.zip) | Ericsson, Orange | | New WID on multi-device and multi-identity | Moved to 3 | *4 supporting companies needed*  Revision of S1-181179. | |
| CR | [S1-181237](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181237.zip) | Ericsson, Orange | | CR22.173v15.1.0: Multi-device requirements | Revised to S1-181383 | WI code MUD Rel-16 CR XXXX R- Cat B  No change bars on cover page | |
| CR | [S1-181383](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181383.zip) | Ericsson, Orange | | CR22.173v15.1.0: Multi-device requirements | Moved to 3 | *WI code MUD Rel-16 CR XXXX R- Cat B*  *No change bars on cover page*  Revision of S1-181237. | |
| Cont | [S1-181223](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181223.zip) | Siemens AG | | Making the Case (again) for a Work Item on service requirements for enabling cyber-physical control applications | Moved to 7.3 |  | |
| WID | [S1-181190](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181190.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Moved to 7.3 |  | |
| TS | [S1-181236](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181236.zip) | Siemens | | cyberCAV TS skeleton | Moved to 7.3 |  | |
| WID | [S1-181226](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181226.zip) | ESA (European Space Agency) | | New WID on 5G positioning services | Moved to 7.4 | 4 supporting companies needed | |
| CR | [S1-181070](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181070.zip) | ZTE Wistron Telecom AB | | Support of streaming services | Withdrawn | NOT AVAILABLE | |
| 1. **Rel-15 and earlier contributions** | | | | | | | |
| Release 15 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) As Release 15 Option 3 is now frozen, alignment work on these aspects is possible. | | | | | | | |
| CR | [S1-181019](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181019.zip) | FirstNet, AT&T, Harris | | CR22.280v15.2.0: User profile presentation priority | Revised to S1-181384 | WI code MCCoRe Rel-15 CR 0062 R- Cat F | |
| CR | [S1-181384](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181384.zip) | FirstNet, AT&T, Harris | | CR22.280v15.2.0: User profile presentation priority | Agreed | *WI code MCCoRe Rel-15 CR 0062 R- Cat F*  Revision of S1-181019.  No presentation | |
| CR | [S1-181020](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181020.zip) | FirstNet, AT&T, Harris | | CR22.280v16.1.0: User profile presentation priority | Revised to S1-181385 | WI code MCCore Rel-16 CR 0063 R- Cat A  Moved from 5.1 | |
| CR | [S1-181385](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181385.zip) | FirstNet, AT&T, Harris | | CR22.280v16.1.0: User profile presentation priority | Agreed | *WI code MCCore Rel-16 CR 0063 R- Cat A*  *Moved from 5.1*  Revision of S1-181020.  No presentation | |
| CR | [S1-181068](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181068.zip) | ZTE Corporation, Vodafone | | CR22.261v15.4.0: Positioning Part align with R15 5G NR Specification | Revised to S1-181388 | WI code SMARTER Rel-15 CR 0094 R- Cat F | |
| CR | [S1-181388](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181388.zip) | ZTE Corporation, Vodafone | | CR22.261v15.4.0: Positioning Part align with R15 5G NR Specification | Agreed | *WI code SMARTER Rel-15 CR 0094 R- Cat F*  Revision of S1-181068. | |
| CR | [S1-181069](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181069.zip) | ZTE Corporation, Vodafone | | CR22.261v16.3.0: Positioning Part align with Rel-15 structure | Revised to S1-181389 | WI code SMARTER\_Ph2 Rel-16 CR 0095 R- Cat B  Moved from 6.3 | |
| CR | [S1-181389](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181389.zip) | ZTE Corporation, Vodafone | | CR22.261v16.3.0: Positioning Part align with Rel-15 structure | Agreed | *WI code SMARTER\_Ph2 Rel-16 CR 0095 R- Cat B*  *Moved from 6.3*  Revision of S1-181069.  No presentation | |
| CR | [S1-181161](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181161.zip) | Vodafone | | CR22.278v15.2.0: Release 15 alignment on the inclusion of the 5G requirements | Revised to S1-181391 | WI code SMARTER Rel-15 CR 0246 R- Cat F | |
| CR | [S1-181646](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181646.zip) | Vodafone | | CR22.278v13.4.0: Inclusion of CIot requirements | Revised to S1-181672 | *WI code TEI13 Rel-13 CR 0250 R- Cat F* | |
| CR | [S1-181672](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181672.zip) | Vodafone | | CR22.278v13.4.0: Inclusion of CIot requirements | Agreed | *WI code TEI13 Rel-13 CR 0250 R- Cat F*  Revision of S1-181646.  No presentation | |
| CR | [S1-181647](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181647.zip) | Vodafone | | CR22.278v14.4.0: Inclusion of CIot requirements | Revised to S1-181673 | *WI code TEI13 Rel-14 CR 0251 R- Cat A* | |
| CR | [S1-181673](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181673.zip) | Vodafone | | CR22.278v14.4.0: Inclusion of CIot requirements | Revised to S1-181737 | *WI code TEI13 Rel-14 CR 0251 R- Cat A*  Revision of S1-181647.  No presentation | |
| CR | [S1-181737](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181737.zip) | Vodafone | | CR22.278v14.4.0: Inclusion of CIot requirements | Agreed | *WI code TEI13 Rel-14 CR 0251 R- Cat A*  *Revision of S1-181647.*  *No presentation*  Revision of S1-181673. | |
| CR | [S1-181648](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181648.zip) | Vodafone | | CR22.278v15.2.0: Inclusion of CIot requirements | Revised to S1-181674 | *WI code TEI13 Rel-15 CR 0252 R- Cat A* | |
| CR | [S1-181674](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181674.zip) | Vodafone | | CR22.278v15.2.0: Inclusion of CIot requirements | Revised to S1-181738 | *WI code TEI13 Rel-15 CR 0252 R- Cat A*  Revision of S1-181648.  No presentation | |
| CR | [S1-181738](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181738.zip) | Vodafone | | CR22.278v15.2.0: Inclusion of CIot requirements | Agreed | *WI code TEI13 Rel-15 CR 0252 R- Cat A*  *Revision of S1-181648.*  *No presentation*  Revision of S1-181674. | |
| CR | [S1-181391](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181391.zip) | Vodafone | | CR22.278v15.2.0: Release 15 alignment on the inclusion of the 5G requirements | Withdrawn | *WI code SMARTER Rel-15 CR 0246 R- Cat F*  Revision of S1-181161. | |
| CR | [S1-181170](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181170.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on the inclusion of the 5G requirements | Revised to S1-181392 | WI code SMARTER\_Ph2 Rel-16 CR 0248 R- Cat F  Moved from 6.3  Add 3.1 and 3.2 to clauses affected | |
| CR | [S1-181392](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181392.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on the inclusion of the 5G requirements | Noted | *WI code SMARTER\_Ph2 Rel-16 CR 0248 R- Cat F*  *Moved from 6.3*  *Add 3.1 and 3.2 to clauses affected*  Revision of S1-181170. | |
| WID | [S1-181393](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181393.zip) | Vodafone | | Revised WID SMARTER Ph2 | Revised to S1-181675 |  | |
| WID | [S1-181675](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181675.zip) | Vodafone | | Revised WID SMARTER Ph2 | Agreed | Revision of S1-181393.  No presentation | |
| CR | [S1-181166](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181166.zip) | Vodafone | | CR22.261v15.4.0: Release 15 alignment on the 5G requirements | Revised to S1-181394 | WI code SMARTER Rel-15 CR 0099 R- Cat F | |
| CR | [S1-181394](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181394.zip) | Vodafone | | CR22.261v15.4.0: Release 15 alignment on the 5G requirements | Agreed | *WI code SMARTER Rel-15 CR 0099 R- Cat F*  Revision of S1-181166. | |
| CR | [S1-181177](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181177.zip) | Nokia Nokia Shanghai Bell, Sprint, Verizon | | CR22.011v15.3.0: Alignment of RLOS availability into Automatic PLMN Selection | Agreed | WI code PARLOS Rel-15 CR 0282 R- Cat F | |
| CR | [S1-181178](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181178.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.101v15.4.0: Alignment of requirements for access to restricted local operator services | Agreed | WI code PARLOS Rel-15 CR 0545 R- Cat F | |
| CR | [S1-181180](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181180.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.115v15.3.0: Alignment of Charging for Restricted Local Operator Services | Agreed | WI code PARLOS Rel-15 CR 0092 R- Cat F | |
| CR | [S1-181181](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181181.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.228v15.2.0: Alignment of requirements for access to restricted local operator services | Agreed | WI code PARLOS Rel-15 CR 0227 R- Cat F | |
| CR | [S1-181182](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181182.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.011v16.1.0: Alignment of RLOS availability into Automatic PLMN Selection | Revised to S1-181395 | WI code PARLOS Rel-16 CR 0283 R- Cat F.  Check revisions. Yellow text is added? | |
| CR | [S1-181395](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181395.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.011v16.1.0: Alignment of RLOS availability into Automatic PLMN Selection | Agreed | *WI code PARLOS Rel-16 CR 0283 R- Cat F.*  *Check revisions. Yellow text is added?*  Revision of S1-181182. | |
| CR | [S1-181183](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181183.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.101v15.4.0: Alignment of requirements for access to restricted local operator services | Revised to S1-181396 | WI code PARLOS Rel-16 CR 0546 R- Cat F.  First create Rel-16 version and then make changes | |
| CR | [S1-181396](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181396.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.101v15.4.0: Alignment of requirements for access to restricted local operator services | Agreed | *WI code PARLOS Rel-16 CR 0546 R- Cat F.*  *First create Rel-16 version and then make changes*  Revision of S1-181183. | |
| CR | [S1-181185](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181185.zip) | Nokia, Nokia Shanghai Bell, Sprint, Verizon | | CR22.228v15.3.0: Alignment of requirements for access to restricted local operator services | Agreed | WI code PARLOS Rel-16 CR 0228 R- Cat F.  First create Rel-16 version and then make changes | |
| CR | [S1-181204](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181204.zip) | Qualcomm Incorporated | | CR22.101v15.4.0: Removal of “shall not affect UICC” requirement for PARLOS | Revised to S1-181345 | WI code PARLOS Rel-15 CR 0547 R- Cat F.  Moved from 5.2  The change is implemented in 1396 | |
| CR | [S1-181345](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181345.zip) | Qualcomm Incorporated | | CR22.101v15.4.0: Removal of “shall not affect UICC” requirement for PARLOS | Noted | *WI code PARLOS Rel-15 CR 0547 R- Cat F.*  *Moved from 5.2*  *The change is implemented in 1396*  Revision of S1-181204. | |
| CR | [S1-181139](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181139.zip) | Nokia, UIC | | CR22.468v14.0.0: Removal of LTE specific terminology from 22.468 | Moved to 4 | WI code MCOver Rel-15 CR 0014 R- Cat F | |
| CR | [S1-181164](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181164.zip) | Vodafone | | CR22.278v15.2.0: Release 15 further alignment on URLLC KPIs | Moved to 3 | WI code SMARTER Rel-15 CR 0247 R- Cat F | |
| CR | [S1-181169](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181169.zip) | Vodafone | | CR22.261v15.4.0: Release 15 further alignment on the URLLC KPIs | Moved to 3 | WI code SMARTER Rel-15 CR 0100 R- Cat F | |
| CR | [S1-181171](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181171.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on URLLC KPIs | Moved to 3 | WI code SMARTER\_Ph2 Rel-16 CR 0249 R- Cat A  Cat-A CRs have the same title and WI code as the CR they are mirror off. There is no Rel-16 version of 22.278, so a mirror is not needed | |
| Rel-15 correction and clarification CRs (other than alignment) | | | | | | | |
| CR | [S1-181073](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181073.zip) | LG Electronics | | CR22.011v15.3.0: Clarification to network selection restriction | Noted | WI code TEI15 Rel-15 CR 0278 R- Cat F. | |
| CR | [S1-181074](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181074.zip) | LG Electronics | | CR22.011v16.1.0: Clarification to network selection restriction | Noted | WI code TEI15 Rel-16 CR 0279 R- Cat A. | |
| CR | [S1-181076](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181076.zip) | LG Electronics | | CR22.011v15.3.0: Clarification to network selection restriction | Revised to S1-181560 | WI code TEI15 Rel-15 CR 0280 R- Cat F. | |
| CR | [S1-181560](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181560.zip) | LG Electronics | | CR22.011v15.3.0: Clarification to network selection restriction | Agreed | *WI code TEI15 Rel-15 CR 0280 R- Cat F.*  Revision of S1-181076.  No presentation | |
| CR | [S1-181077](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181077.zip) | LG Electronics | | CR22.011v16.1.0: Clarification to network selection restriction | Revised to S1-181561 | WI code TEI15 Rel-16 CR 0281 R- Cat A. | |
| CR | [S1-181561](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181561.zip) | LG Electronics | | CR22.011v16.1.0: Clarification to network selection restriction | Revised to S1-181566 | *WI code TEI15 Rel-16 CR 0281 R- Cat A.*  Revision of S1-181077.  No presentation | |
| CR | [S1-181566](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181566.zip) | LG Electronics | | CR22.011v16.1.0: Clarification to network selection restriction | Agreed | *WI code TEI15 Rel-16 CR 0281 R- Cat A.*  *Revision of S1-181077.*  *No presentation*  Revision of S1-181561.  No presentation | |
| Cont | [S1-181128](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181128.zip) | Ericsson, Nokia, Huawei | | Discussion paper regarding changing the RSU definition’s note | Revised to S1-181349 |  | |
| Cont | [S1-181349](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181349.zip) | Ericsson, Nokia, Huawei | | Discussion paper regarding changing the RSU definition’s note | Noted | Revision of S1-181128. | |
| CR | [S1-181129](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181129.zip) | Ericsson, Nokia, Huawei | | CR22.886v15.1.0: Update the note in the RSU definition | Revised to S1-181350 | WI code FS\_eV2X Rel-15 CR 0022 R- Cat F. | |
| CR | [S1-181350](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181350.zip) | Ericsson, Nokia, Huawei | | CR22.886v15.1.0: Update the note in the RSU definition | Agreed | *WI code FS\_eV2X Rel-15 CR 0022 R- Cat F.*  Revision of S1-181129. | |
| CR | [S1-181130](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181130.zip) | Ericsson, Nokia, Huawei | | CR22.186v15.2.0: Update the note in the RSU definition | Revised to S1-181351 | WI code eV2X Rel-15 CR 0016 R- Cat F. | |
| CR | [S1-181351](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181351.zip) | Ericsson, Nokia, Huawei | | CR22.186v15.2.0: Update the note in the RSU definition | Revised to S1-181562 | *WI code eV2X Rel-15 CR 0016 R- Cat F.*  Revision of S1-181130. | |
| CR | [S1-181562](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181562.zip) | Ericsson, Nokia, Huawei | | CR22.186v15.2.0: Update the note in the RSU definition | Agreed | *WI code eV2X Rel-15 CR 0016 R- Cat F.*  *Revision of S1-181130.*  Revision of S1-181351.  No presentation | |
| CR | [S1-181131](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181131.zip) | Ericsson, Nokia, Huawei | | CR22.185v14.3.0: Update the note in the RSU definition | Revised to S1-181352 | WI code V2XLTE Rel-14 CR 0013 R- Cat F.  Moved from 5.4 | |
| CR | [S1-181352](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181352.zip) | Ericsson, Nokia, Huawei | | CR22.185v14.3.0: Update the note in the RSU definition | Agreed | *WI code V2XLTE Rel-14 CR 0013 R- Cat F.*  *Moved from 5.4*  Revision of S1-181131. | |
| CR | [S1-181174](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181174.zip) | Sprint, Verizon, AT&T, Ericsson | | CR22.268v15.0.0: Alignment of 3GPP PWS specifications to recent FCC WEA regulation changes | Revised to S1-181563 | WI code TEI15 Rel-15 CR 0058 R- Cat C.  Why Release 15? | |
| CR | [S1-181563](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181563.zip) | Sprint, Verizon, AT&T, Ericsson | | CR22.268v15.0.0: Alignment of 3GPP PWS specifications to recent FCC WEA regulation changes | Agreed | *WI code TEI15 Rel-15 CR 0058 R- Cat C.*  *Why Release 15?*  Revision of S1-181174.  No presentation | |
| CR | [S1-181176](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181176.zip) | Sprint, Verizon, AT&T, Ericsson | | CR22.268v16.0.0: Alignment of 3GPP PWS specifications to recent FCC WEA regulation changes | Revised to S1-181564 | WI code TEI15 Rel-16 CR 0059 R- Cat A. | |
| CR | [S1-181564](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181564.zip) | Sprint, Verizon, AT&T, Ericsson | | CR22.268v16.0.0: Alignment of 3GPP PWS specifications to recent FCC WEA regulation changes | Agreed | *WI code TEI15 Rel-16 CR 0059 R- Cat A.*  Revision of S1-181176.  No presentation | |
| CR | [S1-181204](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181204.zip) | Qualcomm Incorporated | | CR22.011v15.4.0: Removal of “shall not affect UICC” requirement for PARLOS | Moved to 5.1 | WI code PARLOS Rel-15 CR 0547 R- Cat F. | |
| Release 14 Alignment CRs (aligning Stage 1 specifications with what has been implemented in Stage 2 and 3) | | | | | | | |
| Other Rel-14 and earlier CRs | | | | | | | |
| CR | [S1-181203](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181203.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Revised to S1-181565 | WI code TEI13 Rel-13 CR 0284 R- Cat F.  Clauses affected? Why Release 13? Mirror CRs? | |
| CR | [S1-181565](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181565.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Noted | *WI code TEI13 Rel-13 CR 0284 R- Cat F.*  *Clauses affected? Why Release 13? Mirror CRs?*  Revision of S1-181203. | |
| CR | [S1-181613](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181565.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Noted | *WI code TEI14 Rel-13 CR 0285 R- Cat A.* | |
| CR | [S1-181614](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181565.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Revised to S1-181677 | *WI code TEI15 Rel-13 CR 0286 R- Cat A.* | |
| CR | [S1-181677](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181677.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Agreed | *WI code TEI15 Rel-15 CR 0286 R- Cat C.*  Revision of S1-181614. | |
| CR | [S1-181615](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181565.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Revised to S1-181678 | *WI code TEI16 Rel-13 CR 0287 R- Cat A.* | |
| CR | [S1-181678](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181678.zip) | Qualcomm Incorporated | | CR22.011v13.6.0: Per RAT periodic network selection attempt timer | Agreed | *WI code TEI16 Rel-13 CR 0287 R- Cat A.*  Revision of S1-181615. | |
| CR | [S1-181131](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181131.zip) | Ericsson, Nokia, Huawei | | CR22.185v14.3.0: Update the note in the RSU definition | Moved to 5.2 | WI code V2XLTE Rel-14 CR 0013 R- Cat F. | |
| 1. **Rel-16 Work Item contributions** | | | | | | | |
| MONASTERY2: Mobile Communication System for Railways 2 [SP-170451] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.289v0.1.0  Target completion date: SA#80 (06/2018)  Percentage completion: 55% | | | | | | | |
| **22.280 CRs** | | | | | | | |
| CR | [S1-181212](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181212.zip) | UIC | | CR22.280v16.1.0: Chapter 5.3 use of functional alias in late communication entry | Revised to S1-181403 | WI code MONASTERY2 Rel-16 CR 0075 R- Cat C.  Clauses affected 5.3 | |
| CR | [S1-181403](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181403.zip) | UIC | | CR22.280v16.1.0: Chapter 5.3 use of functional alias in late communication entry | Withdrawn | *WI code MONASTERY2 Rel-16 CR 0075 R- Cat C.*  *Clauses affected 5.3*  Revision of S1-181212. | |
| CR | [S1-181213](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181213.zip) | UIC | | CR22.280v16.1.0: Chapter 5.7 use of functional alias as part of MCX ServiceUser ID | Revised to S1-181404 | WI code MONASTERY2 Rel-16 CR 0076 R- Cat C. | |
| CR | [S1-181404](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181404.zip) | UIC | | CR22.280v16.1.0: Chapter 5.7 use of functional alias as part of MCX ServiceUser ID | Withdrawn | *WI code MONASTERY2 Rel-16 CR 0076 R- Cat C.*  Revision of S1-181213. | |
| CR | [S1-181192](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181192.zip) | UIC | | CR22.280v16.1.0: Extension of functional alias chapter 5.9a | Revised to S1-181405 | WI code MONASTERY2 Rel-16 CR 0073 R- Cat B. | |
| CR | [S1-181405](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181405.zip) | UIC | | CR22.280v16.1.0: Extension of functional alias chapter 5.9a | Revised to S1-181581 | *WI code MONASTERY2 Rel-16 CR 0073 R- Cat B.*  Revision of S1-181192. | |
| CR | [S1-181581](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181581.zip) | UIC | | CR22.280v16.1.0: Extension of functional alias chapter 5.9a | Revised to S1-181676 | *WI code MONASTERY2 Rel-16 CR 0073 R- Cat B.*  *Revision of S1-181192.*  Revision of S1-181405. | |
| CR | [S1-181676](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181676.zip) | UIC | | CR22.280v16.1.0: Extension of functional alias chapter 5.9a | Revised to S1-181700 | *WI code MONASTERY2 Rel-16 CR 0073 R- Cat B.*  *Revision of S1-181192.*  *Revision of S1-181405.*  Revision of S1-181581. | |
| CR | [S1-181700](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181700.zip) | UIC | | CR22.280v16.1.0: Extension of functional alias chapter 5.9a | Agreed | *WI code MONASTERY2 Rel-16 CR 0073 R- Cat B.*  *Revision of S1-181192.*  *Revision of S1-181405.*  *Revision of S1-181581.*  Revision of S1-181676.  No presentation | |
| CR | [S1-181189](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181189.zip) | UIC | | CR22.280v16.1.0: MCX User log in to multiple devices | Revised to S1-181406 | WI code MONASTERY2 Rel-16 CR 0071 R- Cat C. | |
| CR | [S1-181406](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181406.zip) | UIC | | CR22.280v16.1.0: MCX User log in to multiple devices | Revised to S1-181582 | *WI code MONASTERY2 Rel-16 CR 0071 R- Cat C.*  Revision of S1-181189. | |
| CR | [S1-181582](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181582.zip) | UIC | | CR22.280v16.1.0: MCX User log in to multiple devices | Agreed | *WI code MONASTERY2 Rel-16 CR 0071 R- Cat C.*  *Revision of S1-181189.*  Revision of S1-181406. | |
| CR | [S1-181218](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181218.zip) | UIC | | CR22.280v16.1.0: Chapter 5.11 and chapter 6.12 obtaining positioning information from external systems and forwarding position information to external systems | Revised to S1-181407 | WI code MONASTERY2 Rel-16 CR 0080 R- Cat B. | |
| CR | [S1-181407](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181407.zip) | UIC | | CR22.280v16.1.0: Chapter 5.11 and chapter 6.12 obtaining positioning information from external systems and forwarding position information to external systems | Withdrawn | *WI code MONASTERY2 Rel-16 CR 0080 R- Cat B.*  Revision of S1-181218. | |
| CR | [S1-181244](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181244.zip) | ETRI, Hansung University | | CR22.280v16.1.0: Add a requirement on 5.11 Location | Revised to S1-181408 | WI code MONASTERY2 Rel-16 CR 0082 R- Cat B. | |
| CR | [S1-181408](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181408.zip) | ETRI, Hansung University | | CR22.280v16.1.0: Add a requirement on 5.11 Location | Revised to S1-181617 | *WI code MONASTERY2 Rel-16 CR 0082 R- Cat B.*  Revision of S1-181244. | |
| CR | [S1-181617](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181617.zip) | ETRI, Hansung University | | CR22.280v16.1.0: Add a requirement on 5.11 Location | Agreed | *WI code MONASTERY2 Rel-16 CR 0082 R- Cat B.*  *Revision of S1-181244.*  Revision of S1-181408. | |
| CR | [S1-181163](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181163.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Adding authorization for group comunication based on functional alias | Revised to S1-181409 | WI code MONASTERY2 Rel-16 CR 0068 R- Cat B.  Update clauses affected | |
| CR | [S1-181409](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181409.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Adding authorization for group comunication based on functional alias | Withdrawn | *WI code MONASTERY2 Rel-16 CR 0068 R- Cat B.*  *Update clauses affected*  Revision of S1-181163. | |
| CR | [S1-181214](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181214.zip) | UIC | | CR22.280v16.1.0: Chapter 5.17 use of functional alias as part of the MCX User identity | Noted | WI code MONASTERY2 Rel-16 CR 0077 R- Cat B. | |
| CR | [S1-181216](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181216.zip) | UIC | | CR22.280v16.1.0: Chapter 6.4.3, 6.4.5, 6.9 use of functional alias as part of MCX ServiceUser identification | Revised to S1-181410 | WI code MONASTERY2 Rel-16 CR 0078 R- Cat C. | |
| CR | [S1-181410](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181410.zip) | UIC | | CR22.280v16.1.0: Chapter 6.4.3, 6.4.5, 6.9 use of functional alias as part of MCX ServiceUser identification | Withdrawn | *WI code MONASTERY2 Rel-16 CR 0078 R- Cat C.*  Revision of S1-181216. | |
| CR | [S1-181142](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181142.zip) | Nokia, UIC | | CR22.280v16.1.0: Introduction of 22.889 FRMCS-user communication handling section into 22.280 | Noted | WI code MONASTERY2 Rel-16 CR 0066 R- Cat B. | |
| CR | [S1-181143](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181143.zip) | Nokia, UIC | | CR22.280v16.1.0: Removal of misleading term "temporary" from Automatic Regrouping of 22.280 | Noted | WI code MONASTERY2 Rel-16 CR 0067 R- Cat B. | |
| CR | [S1-181168](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181168.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Addition of location based comunication depending on functional alias | Revised to S1-181411 | WI code MONASTERY2 Rel-16 CR 0070 R- Cat B. | |
| CR | [S1-181411](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181411.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Addition of location based comunication depending on functional alias | Revised to S1-181589 | *WI code MONASTERY2 Rel-16 CR 0070 R- Cat B.*  Revision of S1-181168. | |
| CR | [S1-181589](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181589.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Addition of location based comunication depending on functional alias | Agreed | *WI code MONASTERY2 Rel-16 CR 0070 R- Cat B.*  *Revision of S1-181168.*  Revision of S1-181411. | |
| CR | [S1-181167](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181167.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Adding authorization for private comunication based on functional alias | Revised to S1-181412 | WI code MONASTERY2 Rel-16 CR 0069 R- Cat B. | |
| CR | [S1-181412](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181412.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Adding authorization for private comunication based on functional alias | Revised to S1-181590 | *WI code MONASTERY2 Rel-16 CR 0069 R- Cat B.*  Revision of S1-181167. | |
| CR | [S1-181590](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181590.zip) | Kapsch CarrierCom, UIC, Nokia Germany, Ericsson LM, Hansung University | | CR22.280v16.1.0: Adding authorization for private comunication based on functional alias | Agreed | *WI code MONASTERY2 Rel-16 CR 0069 R- Cat B.*  *Revision of S1-181167.*  Revision of S1-181412. | |
| CR | [S1-181191](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181191.zip) | UIC | | CR22.280v16.1.0: Generalisation of EPS into 3GPP system | Revised to S1-181413 | WI code MONASTERY2 Rel-16 CR 0072 R- Cat F.  Is this MCOver / Release 15? | |
| CR | [S1-181413](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181413.zip) | UIC | | CR22.280v16.1.0: Generalisation of EPS into 3GPP system | Revised to S1-181583 | *WI code MCOver Rel-15 CR 0072 R- Cat F.*  *Is this MCOver / Release 15?*  Revision of S1-181191. | |
| CR | [S1-181583](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181583.zip) | UIC | | CR22.280v16.1.0: Generalisation of EPS into 3GPP system | Agreed | *WI code MCOver Rel-15 CR 0072 R- Cat F.*  *Is this MCOver / Release 15?*  *Revision of S1-181191.*  Revision of S1-181413. | |
| CR | [S1-181414](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181414.zip) | UIC | | CR22.280v16.1.0: Generalisation of EPS into 3GPP system | Revised to S1-181584 | *WI code MCOver Rel-15 CR 0073 R- Cat A.*  *Mirror and main are wrong way around* | |
| CR | [S1-181584](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181584.zip) | UIC | | CR22.280v16.1.0: Generalisation of EPS into 3GPP system | Revised to S1-181704 | *WI code MCOver Rel-15 CR 0073 R- Cat A.*  *Mirror and main are wrong way around*  Revision of S1-181414. | |
| CR | [S1-181704](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181704.zip) | UIC | | CR22.280v16.1.0: Generalisation of EPS into 3GPP system | Agreed | *WI code MCOver Rel-15 CR 0073 R- Cat A.*  *Mirror and main are wrong way around*  *Revision of S1-181414.*  Revision of S1-181584.  No presentation | |
| CR | [S1-181211](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181211.zip) | UIC | | CR22.280v16.1.0: Interworking between MCX Service system and GSM-R | Revised to S1-181415 | WI code MONASTERY2 Rel-16 CR 0074 R- Cat F. | |
| CR | [S1-181415](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181415.zip) | UIC | | CR22.280v16.1.0: Interworking between MCX Service system and GSM-R | Revised to S1-181588 | *WI code MONASTERY2 Rel-16 CR 0074 R- Cat F.*  Revision of S1-181211. | |
| CR | [S1-181588](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181588.zip) | UIC | | CR22.280v16.1.0: Interworking between MCX Service system and GSM-R | Agreed | *WI code MONASTERY2 Rel-16 CR 0074 R- Cat F.*  *Revision of S1-181211.*  Revision of S1-181415. | |
| CR | [S1-181220](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181220.zip) | UIC | | CR22.280v16.1.0: New chapter 6.17.x functional alias resolution for non-MCX Service Users | Revised to S1-181416 | WI code MONASTERY2 Rel-16 CR 0081 R- Cat B. | |
| CR | [S1-181416](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181416.zip) | UIC | | CR22.280v16.1.0: New chapter 6.17.x functional alias resolution for non-MCX Service Users | Withdrawn | *WI code MONASTERY2 Rel-16 CR 0081 R- Cat B.*  Revision of S1-181220. | |
| CR | [S1-181217](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181217.zip) | UIC | | CR22.280v16.1.0: Chapter 7.1 and 7.2 use of functional alias in Off-network communication mode | Noted | WI code MONASTERY2 Rel-16 CR 0079 R- Cat C. | |
| CR | [S1-181063](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181063.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Addition of location functionality for autonomous train control and operation | Revised to S1-181417 | WI code MONASTERY2 Rel-16 CR 0064 R- Cat B. | |
| CR | [S1-181417](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181417.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Addition of location functionality for autonomous train control and operation | Revised to S1-181580 | *WI code MONASTERY2 Rel-16 CR 0064 R- Cat B.*  Revision of S1-181063. | |
| CR | [S1-181580](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181580.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Addition of location functionality for autonomous train control and operation | Revised to S1-181622 | *WI code MONASTERY2 Rel-16 CR 0064 R- Cat B.*  *Revision of S1-181063.*  Revision of S1-181417. | |
| CR | [S1-181622](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181622.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Addition of location functionality for autonomous train control and operation | Revised to S1-181705 | *WI code MONASTERY2 Rel-16 CR 0064 R- Cat B.*  *Revision of S1-181063.*  *Revision of S1-181417.*  Revision of S1-181580. | |
| CR | [S1-181705](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181705.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Addition of location functionality for autonomous train control and operation | Agreed | *WI code MONASTERY2 Rel-16 CR 0064 R4 Cat B.*  *Revision of S1-181063.*  *Revision of S1-181417.*  *Revision of S1-181580.*  Revision of S1-181622.  No presentation | |
| CR | [S1-181064](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181064.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Off-network UE functionality for virtual coupling | Revised to S1-181418 | WI code MONASTERY2 Rel-16 CR 0065 R- Cat B. | |
| CR | [S1-181418](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181418.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Off-network UE functionality for virtual coupling | Revised to S1-181587 | *WI code MONASTERY2 Rel-16 CR 0065 R- Cat B.*  Revision of S1-181064. | |
| CR | [S1-181587](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181587.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Off-network UE functionality for virtual coupling | Revised to S1-181623 | *WI code MONASTERY2 Rel-16 CR 0065 R- Cat B.*  *Revision of S1-181064.*  Revision of S1-181418. | |
| CR | [S1-181623](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181623.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Off-network UE functionality for virtual coupling | Revised to S1-181706 | *WI code MONASTERY2 Rel-16 CR 0065 R- Cat B.*  *Revision of S1-181064.*  *Revision of S1-181418.*  Revision of S1-181587. | |
| CR | [S1-181706](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181706.zip) | Korea Railroad Research Institute (KRRI) | | CR22.280v16.1.0: Off-network UE functionality for virtual coupling | Agreed | *WI code MONASTERY2 Rel-16 CR 0065 R4 Cat F.*  *Revision of S1-181064.*  *Revision of S1-181418.*  *Revision of S1-181587.*  Revision of S1-181623.  No presentation | |
| **22.179 CRs** | | | | | | | |
| CR | [S1-181210](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181210.zip) | UIC | | CR22.179v16.1.0: Interworking between MCX Service system and GSM-R | Revised to S1-181419 | WI code MONASTERY2 Rel-16 CR 0064 R- Cat B. | |
| CR | [S1-181419](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181419.zip) | UIC | | CR22.179v16.1.0: Interworking between MCX Service system and GSM-R | Revised to S1-181655 | *WI code MONASTERY2 Rel-16 CR 0064 R- Cat B.*  Revision of S1-181210. | |
| CR | [S1-181655](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181655.zip) | UIC | | CR22.179v16.1.0: Interworking between MCX Service system and GSM-R | Revised to S1-181707 | *WI code MONASTERY2 Rel-16 CR 0064 R- Cat B.*  *Revision of S1-181210.*  Revision of S1-181419. | |
| CR | [S1-181707](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181707.zip) | UIC | | CR22.179v16.1.0: Interworking between MCX Service system and GSM-R | Agreed | *WI code MONASTERY2 Rel-16 CR 0064 R- Cat B.*  *Revision of S1-181210.*  *Revision of S1-181419.*  Revision of S1-181655.  Fix requirement numbering  No presentation | |
| CR | [S1-181141](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181141.zip) | Nokia, UIC | | CR22.179v16.1.0: Adding functionality to 22.179 to support assured voice communication | Revised to S1-181420 | WI code MONASTERY2 Rel-16 CR 0063 R- Cat B. | |
| CR | [S1-181420](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181420.zip) | Nokia, UIC | | CR22.179v16.1.0: Adding functionality to 22.179 to support assured voice communication | Revised to S1-181708 | *WI code MONASTERY2 Rel-16 CR 0063 R- Cat B.*  Revision of S1-181141. | |
| CR | [S1-181708](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181708.zip) | Nokia, UIC | | CR22.179v16.1.0: Adding functionality to 22.179 to support assured voice communication | Agreed | *WI code MONASTERY2 Rel-16 CR 0063 R- Cat B.*  *Revision of S1-181141.*  Revision of S1-181420.  Fix tdoc number, increase rev counter, change date  No presentation | |
| **22.282 CRs** | | | | | | | |
| CR | [S1-181084](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181084.zip) | Huawei | | CR22.282v16.1.0: setup time requirement for monitoring and control of critical infrastructure communication | Revised to S1-181421 | WI code MONASTERY2 Rel-16 CR 0024 R- Cat B. | |
| CR | [S1-181421](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181421.zip) | Huawei | | CR22.282v16.1.0: setup time requirement for monitoring and control of critical infrastructure communication | Revised to S1-181585 | *WI code MONASTERY2 Rel-16 CR 0024 R- Cat B.*  Revision of S1-181084. | |
| CR | [S1-181585](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181585.zip) | Huawei | | CR22.282v16.1.0: setup time requirement for monitoring and control of critical infrastructure communication | Agreed | *WI code MONASTERY2 Rel-16 CR 0024 R- Cat B.*  *Revision of S1-181084.*  Revision of S1-181421. | |
| **22.289 pCRs** | | | | | | | |
| Cont | [S1-181137](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181137.zip) | Teleste corporation, Nokia | | Definitions and abbreviations into TS22.289 | Agreed |  | |
| Railway drafting session information | | | | | | | |
| TS | [S1-181274](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181274.zip) | Rapporteur (Nokia) | | TR22.289v0.2.0 to include agreements at this meeting | Agreed | No presentation | |
| AGE | [S1-181275](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181275.zip) | Rapporteur / Session Chair | | Railway drafting agenda | Agreed |  | |
| REP | [S1-181276](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181276.zip) | Rapporteur / Session Chair | | Railway drafting report | Agreed |  | |
| enIMS: enhancements to IMS for new real time communication services [SP-180137] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#81 (09/2018)  Percentage completion: 0% | | | | | | | |
| CR | [S1-181090](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181090.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS Network Slicing | Revised to S1-181431 | WI code enIMS Rel-16 CR 0219 R- Cat B. | |
| CR | [S1-181431](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181431.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS Network Slicing | Revised to S1-181630 | *WI code enIMS Rel-16 CR 0219 R- Cat B.*  Revision of S1-181090. | |
| CR | [S1-181630](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181630.zip) | China Mobile, Huawei | | CR22.221v15.x.0: IMS Network Slicing | Withdrawn | *WI code enIMS Rel-16 CR 0254 R- Cat B.*  *Revision of S1-181090.*  Revision of S1-181431. | |
| CR | [S1-181694](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181694.zip) | China Mobile, Huawei | | CR22.221v15.x.0: IMS Network Slicing | Revised to S1-181719 | *WI code enIMS Rel-16 CR 0254 R- Cat B.* | |
| CR | [S1-181719](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181719.zip) | China Mobile, Huawei | | CR22.221v15.x.0: IMS Network Slicing | Agreed | *WI code enIMS Rel-16 CR 0254 R- Cat B.*  Revision of S1-181694.  Remove Note, update rev counter, date. Add ‘and’ to title  No presentation | |
| CR | [S1-181091](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181091.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS support for Group Communication fast call set up time | Revised to S1-181432 | WI code enIMS Rel-16 CR 0220 R- Cat B. | |
| CR | [S1-181432](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181432.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS support for Group Communication fast call set up time | Revised to S1-181720 | *WI code enIMS Rel-16 CR 0220 R- Cat B.*  Revision of S1-181091. | |
| CR | [S1-181720](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181720.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS support for Group Communication fast call set up time | Agreed | *WI code enIMS Rel-16 CR 0220 R- Cat B.*  *Revision of S1-181091.*  Revision of S1-181432.  No presentation | |
| CR | [S1-181092](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181092.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS support for Augmented Reality | Revised to S1-181433 | WI code enIMS Rel-16 CR 0221 R- Cat B. | |
| CR | [S1-181433](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181433.zip) | China Mobile, Huawei | | CR22.228v15.2.0: IMS support for Augmented Reality | Withdrawn | *WI code enIMS Rel-16 CR 0221 R- Cat B.*  Revision of S1-181092. | |
| CR | [S1-181093](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181093.zip) | Huawei, China Mobile | | CR22.228v15.2.0: IMS support for VR Telepresence | Revised to S1-181434 | WI code enIMS Rel-16 CR 0222 R- Cat B. | |
| CR | [S1-181434](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181434.zip) | Huawei, China Mobile | | CR22.228v15.2.0: IMS support for VR Telepresence | Withdrawn | *WI code enIMS Rel-16 CR 0222 R- Cat B.*  Revision of S1-181093. | |
| CR | [S1-181094](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181094.zip) | Huawei, China Mobile | | CR22.228v15.2.0: Interworking with non-sip devices (camera) | Revised to S1-181435 | WI code enIMS Rel-16 CR 0223 R- Cat B. | |
| CR | [S1-181435](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181435.zip) | Huawei, China Mobile | | CR22.228v15.2.0: Interworking with non-sip devices (camera) | Revised to S1-181721 | *WI code enIMS Rel-16 CR 0223 R- Cat B.*  Revision of S1-181094. | |
| CR | [S1-181721](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181721.zip) | Huawei, China Mobile | | CR22.228v15.2.0: Interworking with non-sip devices (camera) | Withdrawn | *WI code enIMS Rel-16 CR 0223 R- Cat B.*  *Revision of S1-181094.*  Revision of S1-181435. | |
| CR | [S1-181095](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181095.zip) | China Mobile, Huawei | | CR22.228v15.2.0: Support for one to many communication | Revised to S1-181436 | WI code enIMS Rel-16 CR 0224 R- Cat B. | |
| CR | [S1-181436](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181436.zip) | China Mobile, Huawei | | CR22.228v15.2.0: Support for one to many communication | Withdrawn | *WI code enIMS Rel-16 CR 0224 R- Cat B.*  Revision of S1-181095. | |
| CR | [S1-181096](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181096.zip) | Huawei, China Mobile | | CR22.228v15.2.0: IMS support for services using AI (voiceprint) | Revised to S1-181437 | WI code enIMS Rel-16 CR 0225 R- Cat B. | |
| CR | [S1-181437](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181437.zip) | Huawei, China Mobile | | CR22.228v15.2.0: IMS support for services using AI (voiceprint) | Noted | *WI code enIMS Rel-16 CR 0225 R- Cat B.*  Revision of S1-181096. | |
| CR | [S1-181097](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181097.zip) | Huawei, China Mobile | | CR22.228v15.2.0: IMS support for service visibility and usage | Noted | WI code enIMS Rel-16 CR 0225 R- Cat B. | |
| CR | [S1-181089](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181089.zip) | Huawei, China Mobile | | CR22.823v2.0.0: Services using AI (instant translation) in real time communication | Revised to S1-181430 | WI code FS\_enIMS Rel-16 CR 0001 R- Cat B.  Moved from 7.12  Version 16.0.0 is latest version | |
| CR | [S1-181430](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181430.zip) | Huawei, China Mobile | | CR22.823v2.0.0: Services using AI (instant translation) in real time communication | Revised to S1-181626 | *WI code FS\_enIMS Rel-16 CR 0001 R- Cat B.*  *Moved from 7.12*  *Version 16.0.0 is latest version*  Revision of S1-181089. | |
| CR | [S1-181626](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181626.zip) | Huawei, China Mobile | | CR22.823v2.0.0: Services using AI (instant translation) in real time communication | Revised to S1-181722 | *WI code FS\_enIMS Rel-16 CR 0001 R- Cat B.*  *Moved from 7.12*  *Version 16.0.0 is latest version*  *Revision of S1-181089.*  Revision of S1-181430. | |
| CR | [S1-181722](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181722.zip) | Huawei, China Mobile | | CR22.823v2.0.0: Services using AI (instant translation) in real time communication | Agreed | *WI code FS\_enIMS Rel-16 CR 0001 R- Cat B.*  *Moved from 7.12*  *Version 16.0.0 is latest version*  *Revision of S1-181089.*  *Revision of S1-181430.*  Revision of S1-181626.  No presentation | |
| enIMS+QoS\_MON+5GMSG+MPS drafting session information (8+1+6+3=18) | | | | | | | |
| AGE | [S1-181279](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181279.zip) | Rapporteur / Session Chair | | enIMS+QoS\_MON+5GMSG+MPS drafting agenda | Agreed |  | |
| REP | [S1-181280](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181280.zip) | Rapporteur / Session Chair | | enIMS+QoS\_MON+5GMSG+MPS drafting report | Agreed |  | |
| SMARTER\_Ph2: New Services and Markets Technology Enablers – Phase 2 [SP-180138] Note: this Work item is only for maintenance. No new requirements under this Work Item. | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#82 (12/2018)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-181125](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181125.zip) | NTT DOCOMO | | Proposal to keep requirements in clause 6.10.2 of TS 22.261 for Rel-16 | Noted |  | |
| CR | [S1-181069](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181069.zip) | ZTE Corporation, Vodafone | | CR22.261v16.3.0: Positioning Part align with Rel-15 structure | Moved to 5.1 | WI code SMARTER\_Ph2 Rel-16 CR 0095 R- Cat B | |
| CR | [S1-181170](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181170.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on the inclusion of the 5G requirements | Moved to 5.1 | WI code SMARTER\_Ph2 Rel-16 CR 0248 R- Cat F  Add 3.1 and 3.2 to clauses affected | |
| CR | [S1-181171](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181171.zip) | Vodafone | | CR22.278v15.2.0: Release 16 alignment on URLLC KPIs | Moved to 3 | WI code SMARTER\_Ph2 Rel-16 CR 0249 R- Cat A  Cat-A CRs have the same WI code as the CR they are the mirror off. | |
| QoS\_MON: QoS Monitoring [SP-180141] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#81 (09/2018)  Percentage completion: 0% | | | | | | | |
| CR | [S1-181099](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181099.zip) | Huawei, China Mobile | | CR22.261v16.3.0: QoS Monitoring | Revised to S1-181438 | WI code QoS\_MON Rel-16 CR 0095 R- Cat B | |
| CR | [S1-181438](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181438.zip) | Huawei, China Mobile | | CR22.261v16.3.0: QoS Monitoring | Revised to S1-181559 | *WI code QoS\_MON Rel-16 CR 0095 R- Cat B*  Revision of S1-181099. | |
| CR | [S1-181559](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181559.zip) | Huawei, China Mobile | | CR22.261v16.3.0: QoS Monitoring | Revised to S1-181714 | *WI code QoS\_MON Rel-16 CR 0095 R- Cat B*  *Revision of S1-181099.*  Revision of S1-181438. | |
| CR | [S1-181714](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181714.zip) | Huawei, China Mobile | | CR22.261v16.3.0: QoS Monitoring | Agreed | *WI code QoS\_MON Rel-16 CR 0095 R3 Cat B*  *Revision of S1-181099.*  *Revision of S1-181438.*  Revision of S1-181559.  Fix changes on changes, rev counter  No presentation | |
| Rel-16 Maintenance CRs and CRs under TEI16 | | | | | | | |
| CR | [S1-181061](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181061.zip) | SyncTechno Inc. | | CR22.268v16.0.0: Update of the content to reflect new sections for ePWS | Noted | WI code ePWS Rel-16 CR 0057 R- Cat D  The table of contents will be updated by default with other CRs to 22.268 | |
| CR | [S1-181020](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181020.zip) | FirstNet, AT&T, Harris | | CR22.280v16.1.0: User profile presentation priority | Moved to 5.1 | WI code MCCore Rel-16 CR 0063 R- Cat A | |
| 1. **Study Item contributions** | | | | | | | |
| FS\_FRMCS2: Study on Future Railway Mobile Communication System 2 [SP-170588] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.889v16.2.0  Target completion date: SA#80 (06/2018)  Percentage completion: 80%  NOTE : proposed updates of TR22.889 need to use the CR format, as TR22.889 is an approved TR | | | | | | | |
| **Gap analysis** | | | | | | | |
| CR | [S1-181085](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181085.zip) | Huawei | | CR22.889v16.2.0: gap analysis for Monitoring and control of critical infrastucture in 6.13 | Revised to S1-181422 | WI code FS\_FRMCS2 Rel-16 CR 0059 R- Cat F | |
| CR | [S1-181422](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181422.zip) | Huawei | | CR22.889v16.2.0: gap analysis for Monitoring and control of critical infrastucture in 6.13 | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0059 R- Cat F*  Revision of S1-181085. | |
| CR | [S1-181086](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181086.zip) | Huawei | | CR22.889v16.2.0: gap analysis for real time data transmission in 6.14 | Revised to S1-181423 | WI code FS\_FRMCS2 Rel-16 CR 0060 R- Cat F | |
| CR | [S1-181423](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181423.zip) | Huawei | | CR22.889v16.2.0: gap analysis for real time data transmission in 6.14 | Revised to S1-181586 | *WI code FS\_FRMCS2 Rel-16 CR 0060 R- Cat F*  Revision of S1-181086. | |
| CR | [S1-181586](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181586.zip) | Huawei | | CR22.889v16.2.0: gap analysis for real time data transmission in 6.14 | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0060 R- Cat F*  *Revision of S1-181086.*  Revision of S1-181423. | |
| CR | [S1-181245](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181245.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.11 FRMCS Naming Authority | Revised to S1-181424 | WI code FS\_FRMCS2 Rel-16 CR 0070 R- Cat F  Revision mark on cover page, clauses affected 9.11**.5** | |
| CR | [S1-181424](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181424.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.11 FRMCS Naming Authority | Revised to S1-181618 | *WI code FS\_FRMCS2 Rel-16 CR 0070 R- Cat F*  *Revision mark on cover page, clauses affected 9.11****.5***  Revision of S1-181245. | |
| CR | [S1-181618](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181618.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.11 FRMCS Naming Authority | Revised to S1-181709 | *WI code FS\_FRMCS2 Rel-16 CR 0070 R- Cat F*  *Revision mark on cover page, clauses affected 9.11****.5***  *Revision of S1-181245.*  Revision of S1-181424. | |
| CR | [S1-181709](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181709.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.11 FRMCS Naming Authority | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0070 R- Cat F*  *Revision mark on cover page, clauses affected 9.11****.5***  *Revision of S1-181245.*  *Revision of S1-181424.*  Revision of S1-181618.  Remove change on change. Accept changes on cover page.  No presentation | |
| CR | [S1-181246](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181246.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.12 Wayside-Centric Automatic Train Control | Revised to S1-181425 | WI code FS\_FRMCS2 Rel-16 CR 0071 R- Cat F  Revision mark on cover page. Clause affected 9.12**.5** | |
| CR | [S1-181425](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181425.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.12 Wayside-Centric Automatic Train Control | Revised to S1-181619 | *WI code FS\_FRMCS2 Rel-16 CR 0071 R- Cat F*  *Revision mark on cover page. Clause affected 9.12****.5***  Revision of S1-181246. | |
| CR | [S1-181619](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181619.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.12 Wayside-Centric Automatic Train Control | Revised to S1-181710 | *WI code FS\_FRMCS2 Rel-16 CR 0071 R- Cat F*  *Revision mark on cover page. Clause affected 9.12****.5***  *Revision of S1-181246.*  Revision of S1-181425. | |
| CR | [S1-181710](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181710.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.12 Wayside-Centric Automatic Train Control | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0071 R- Cat F*  *Revision mark on cover page. Clause affected 9.12****.5***  *Revision of S1-181246.*  *Revision of S1-181425.*  Revision of S1-181619.  No presentation | |
| CR | [S1-181247](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181247.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.13 Autonomous Train Control and Operation | Revised to S1-181426 | WI code FS\_FRMCS2 Rel-16 CR 0072 R- Cat F  Revision mark on cover page. Clause affected 9.13**.5** | |
| CR | [S1-181426](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181426.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.13 Autonomous Train Control and Operation | Revised to S1-181620 | *WI code FS\_FRMCS2 Rel-16 CR 0072 R- Cat F*  *Revision mark on cover page. Clause affected 9.13****.5***  Revision of S1-181247. | |
| CR | [S1-181620](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181620.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.13 Autonomous Train Control and Operation | Revised to S1-181711 | *WI code FS\_FRMCS2 Rel-16 CR 0072 R- Cat F*  *Revision mark on cover page. Clause affected 9.13****.5***  *Revision of S1-181247.*  Revision of S1-181426. | |
| CR | [S1-181711](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181711.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 9.13 Autonomous Train Control and Operation | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0072 R- Cat F*  *Revision mark on cover page. Clause affected 9.13****.5***  *Revision of S1-181247.*  *Revision of S1-181426.*  Revision of S1-181620.  No presentation | |
| CR | [S1-181248](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181248.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 12.6 Autonomous Train Control and Operation | Revised to S1-181427 | WI code FS\_FRMCS2 Rel-16 CR 0073 R- Cat B  Revision mark on cover page. Clause affected 12.6**.5** | |
| CR | [S1-181427](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181427.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 12.6 Autonomous Train Control and Operation | Revised to S1-181621 | *WI code FS\_FRMCS2 Rel-16 CR 0073 R- Cat B*  *Revision mark on cover page. Clause affected 12.6****.5***  Revision of S1-181248. | |
| CR | [S1-181621](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181621.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 12.6 Autonomous Train Control and Operation | Revised to S1-181712 | *WI code FS\_FRMCS2 Rel-16 CR 0073 R- Cat B*  *Revision mark on cover page. Clause affected 12.6****.5***  *Revision of S1-181248.*  Revision of S1-181427. | |
| CR | [S1-181712](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181712.zip) | ETRI, Hansung University | | CR22.889v16.2.0: Gap analysis of chapter 12.6 Autonomous Train Control and Operation | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0073 R- Cat B*  *Revision mark on cover page. Clause affected 12.6****.5***  *Revision of S1-181248.*  *Revision of S1-181427.*  Revision of S1-181621.  No presentation | |
| CR | [S1-181134](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181134.zip) | Ericsson, Nokia, UIC, ETRI, Hansung University, Huawei, Kapsch Carriercom | | CR22.889v16.2.0: Gap analysis of chapter 12.19 | Revised to S1-181428 | WI code FS\_FRMCS2 Rel-16 CR 0061 R- Cat F  Update clauses affected. | |
| CR | [S1-181428](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181428.zip) | Ericsson, Nokia, UIC, ETRI, Hansung University, Huawei, Kapsch Carriercom | | CR22.889v16.2.0: Gap analysis of chapter 12.19 | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0061 R- Cat F*  *Update clauses affected.*  Revision of S1-181134. | |
| CR | [S1-181322](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181134.zip) | Ericsson, Nokia, UIC, ETRI, Hansung University, Huawei, Kapsch Carriercom | | CR22.889v16.2.0: Gap analysis of chapter 6.7 Pushed Real Time Video streaming | Revised to S1-181429 | WI code FS\_FRMCS2 Rel-16 CR 0074 R- Cat F  LATE DOCUMENT. | |
| CR | [S1-181429](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181429.zip) | Ericsson, Nokia, UIC, ETRI, Hansung University, Huawei, Kapsch Carriercom | | CR22.889v16.2.0: Gap analysis of chapter 6.7 Pushed Real Time Video streaming | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0074 R- Cat F*  *LATE DOCUMENT.*  Revision of S1-181322. | |
| CR | [S1-181135](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181135.zip) | Ericsson, Nokia, UIC, ETRI, Hansung University, Huawei, Kapsch Carriercom | | CR22.889v16.2.0: Gap analysis of chapter 12.19 | Withdrawn | WI code FS\_FRMCS2 Rel-16 CR 0062 R- Cat F  Update clauses affected  Same as S1-181135? | |
| **Updates** | | | | | | | |
| CR | [S1-181155](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181155.zip) | UIC | | CR22.889v16.2.0: GSM-R and FRMCS System interworking – communication priority exchange | Revised to S1-181574 | WI code FS\_FRMCS2 Rel-16 CR 0066 R- Cat B | |
| CR | [S1-181574](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181574.zip) | UIC | | CR22.889v16.2.0: GSM-R and FRMCS System interworking – communication priority exchange | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0066 R- Cat B*  Revision of S1-181155. | |
| CR | [S1-181157](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181157.zip) | UIC | | CR22.889v16.2.0: Chapter 12.9 – FRMCS Bearer Flexibility | Agreed | WI code FS\_FRMCS2 Rel-16 CR 0068 R- Cat C  Add 12.9.4 to clauses affected | |
| CR | [S1-181156](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181156.zip) | UIC | | CR22.889v16.2.0: Chapter 12.10 - QoS in a railway environment | Revised to S1-181575 | WI code FS\_FRMCS2 Rel-16 CR 0059 R- Cat C | |
| CR | [S1-181575](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181575.zip) | UIC | | CR22.889v16.2.0: Chapter 12.10 - QoS in a railway environment | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0059 R- Cat C*  Revision of S1-181156. | |
| CR | [S1-181158](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181158.zip) | UIC | | CR22.889v1x.0.0: Allocation and management of FRMCS communication resources | Revised to S1-181576 | WI code FS\_FRMCS2 Rel-16 CR 0069 R- Cat F  Current version should be 16.2.0, revision mark on cover page | |
| CR | [S1-181576](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181576.zip) | UIC | | CR22.889v1x.0.0: Allocation and management of FRMCS communication resources | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0069 R- Cat F*  *Current version should be 16.2.0, revision mark on cover page*  Revision of S1-181158. | |
| **New use cases** | | | | | | | |
| CR | [S1-181149](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181149.zip) | UIC | | CR22.889v16.2.0: Train integrity data communication | Revised to S1-181577 | WI code FS\_FRMCS2 Rel-16 CR 0063 R- Cat B | |
| CR | [S1-181577](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181577.zip) | UIC | | CR22.889v16.2.0: Train integrity data communication | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0063 R- Cat B*  Revision of S1-181149. | |
| CR | [S1-181152](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181152.zip) | UIC | | CR22.889v16.2.0: Public emergency warning information broadcast by the FRMCS System | Revised to S1-181578 | WI code FS\_FRMCS2 Rel-16 CR 0064 R- Cat B | |
| CR | [S1-181578](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181578.zip) | UIC | | CR22.889v16.2.0: Public emergency warning information broadcast by the FRMCS System | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0064 R- Cat B*  Revision of S1-181152. | |
| CR | [S1-181154](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181154.zip) | UIC | | CR22.889v16.2.0: New use case: Saftey related – Critical advisory messaging | Revised to S1-181579 | WI code FS\_FRMCS2 Rel-16 CR 0065 R- Cat B | |
| CR | [S1-181579](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181579.zip) | UIC | | CR22.889v16.2.0: New use case: Saftey related – Critical advisory messaging | Agreed | *WI code FS\_FRMCS2 Rel-16 CR 0065 R- Cat B*  Revision of S1-181154. | |
| **Corrections** | | | | | | | |
| CR | [S1-181323](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181323.zip) | UIC | | CR22.889v16.2.0: Use case data communication used for safety application key management exchange | Agreed | WI code FS\_FRMCS2 Rel-16 CR 0075 R- Cat F  Previous CR in S1-180571 not correctly implemented | |
| FS\_MARCOM: Study on Maritime Communication Services over 3GPP system [SP-170453] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: 22.819v0.5.0  Target completion date: SA#80 (06/2018)  Percentage completion: 75% | | | | | | | |
| Cont | [S1-181035](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181035.zip) | SyncTechno Inc., Korean Register of shipping | | Introduction and Overview | Revised to S1-181489 |  | |
| Cont | [S1-181489](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181489.zip) | SyncTechno Inc., Korean Register of shipping | | Introduction and Overview | Agreed | Revision of S1-181035. | |
| Cont | [S1-181037](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181037.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 5.1 | Revised to S1-181490 |  | |
| Cont | [S1-181490](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181490.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 5.1 | Agreed | Revision of S1-181037.  No presentation | |
| Cont | [S1-181038](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181038.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 6.2 | Revised to S1-181491 |  | |
| Cont | [S1-181491](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181491.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 6.2 | Agreed | Revision of S1-181038.  No presentation | |
| Cont | [S1-181039](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181039.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 6.3 | Revised to S1-181492 |  | |
| Cont | [S1-181492](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181492.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 6.3 | Agreed | Revision of S1-181039. | |
| Cont | [S1-181040](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181040.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 7.2 | Revised to S1-181498 |  | |
| Cont | [S1-181498](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181498.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 7.2 | Agreed | Revision of S1-181040. | |
| Cont | [S1-181041](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181041.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 7.5 | Revised to S1-181499 |  | |
| Cont | [S1-181499](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181499.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 7.5 | Revised to S1-181689 | Revision of S1-181041. | |
| Cont | [S1-181689](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181689.zip) | SyncTechno Inc., Korean Register of shipping | | Editor’s NOTE in the clause 7.5 | Agreed | *Revision of S1-181041.*  Revision of S1-181499.  No presentation | |
| Cont | [S1-181036](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181036.zip) | SyncTechno Inc., Korean Register of shipping | | Update of requirements in the clause 7.6 | Revised to S1-181500 |  | |
| Cont | [S1-181500](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181500.zip) | SyncTechno Inc., Korean Register of shipping | | Update of requirements in the clause 7.6 | Agreed | Revision of S1-181036. | |
| Cont | [S1-181031](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181031.zip) | SyncTechno Inc., Korean Register of shipping | | Network reselection in case of the transition from IOPS mode to on-network mode | Revised to S1-181501 |  | |
| Cont | [S1-181501](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181501.zip) | SyncTechno Inc., Korean Register of shipping | | Network reselection in case of the transition from IOPS mode to on-network mode | Agreed | Revision of S1-181031. | |
| Cont | [S1-181032](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181032.zip) | SyncTechno Inc., Korean Register of shipping | | Next positioning technologies | Revised to S1-181593 |  | |
| Cont | [S1-181593](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181593.zip) | SyncTechno Inc., Korean Register of shipping | | Next positioning technologies | Agreed | Revision of S1-181032. | |
| Cont | [S1-181034](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181034.zip) | SyncTechno Inc., Korean Register of shipping | | 5G LAN-type services over 5G system in a vessel | Revised to S1-181594 |  | |
| Cont | [S1-181594](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181594.zip) | SyncTechno Inc., Korean Register of shipping | | 5G LAN-type services over 5G system in a vessel | Agreed | Revision of S1-181034. | |
| Cont | [S1-181033](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181033.zip) | SyncTechno Inc., Korean Register of shipping | | Satellite access to support maritime communication services over 5G system | Revised to S1-181595 |  | |
| Cont | [S1-181595](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181595.zip) | SyncTechno Inc., Korean Register of shipping | | Satellite access to support maritime communication services over 5G system | Agreed | Revision of S1-181033. | |
| Cont | [S1-181115](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181115.zip) | SyncTechno Inc., Korean Register of shipping | | Interworking with VHF Data Exchange System | Agreed |  | |
| Cont | [S1-181042](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181042.zip) | SyncTechno Inc., Korean Register of shipping | | Consolidated potential requirements | Revised to S1-181596 |  | |
| Cont | [S1-181596](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181596.zip) | SyncTechno Inc., Korean Register of shipping | | Consolidated potential requirements | Revised to S1-181690 | Revision of S1-181042. | |
| Cont | [S1-181690](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181690.zip) | SyncTechno Inc., Korean Register of shipping | | Consolidated potential requirements | Agreed | *Revision of S1-181042.*  Revision of S1-181596. | |
| Cont | [S1-181043](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181043.zip) | SyncTechno Inc., Korean Register of shipping | | Conclusion and Recommendations | Revised to S1-181597 |  | |
| Cont | [S1-181597](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181597.zip) | SyncTechno Inc., Korean Register of shipping | | Conclusion and Recommendations | Agreed | Revision of S1-181043. | |
| WID | [S1-181044](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181044.zip) | SyncTechno Inc., Korean Register of shipping | | New WID on Maritime Communication Services over 3GPP System | Revised to S1-181598 | Moved from 4 | |
| WID | [S1-181598](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181598.zip) | SyncTechno Inc., Korean Register of shipping | | New WID on Maritime Communication Services over 3GPP System | Revised to S1-181691 | *Moved from 4*  Revision of S1-181044. | |
| WID | [S1-181691](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181691.zip) | SyncTechno Inc., Korean Register of shipping | | New WID on Maritime Communication Services over 3GPP System | Agreed | *Moved from 4*  *Revision of S1-181044.*  Revision of S1-181598.  No presentation | |
| FS\_MARCOM output and MARCOM+HYPOS+5GSAT drafting session information (15+15+9=39) | | | | | | | |
| TR | [S1-181281](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181281.zip) | Rapporteur (SyncTechno) | | TR22.819v0.6.0 to include agreements at this meeting | Agreed | No presentation | |
| TR | [S1-181045](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181045.zip) | Rapporteur (SyncTechno) | | Cover page for presentation of TR22.819v0.6.0 | Agreed |  | |
| AGE | [S1-181282](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181282.zip) | Rapporteur / Session Chair | | MARCOM+HYPOS+5GSAT drafting agenda | Agreed |  | |
| REP | [S1-181283](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181283.zip) | Rapporteur / Session Chair | | MARCOM+HYPOS+5GSAT drafting report | Agreed | No presentation | |
| FS\_CAV: Study on Communication for Automation in Vertical Domains [SP-170169] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: 22.804v1.1.0  Target completion date: SA#79 (03/2018)  Percentage completion: 95% | | | | | | | |
| **Discussion of exclusive/private** | | | | | | | |
| Cont | [S1-181010](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181010.zip) | Siemens, Nokia, Qualcomm, Deutsche Telekom, Sennheiser, Robert Bosch GmbH | | Aligning network terminology | Noted |  | |
| Cont | S1-181570 | Siemens | | Way forward | Revised to S1-181468 |  | |
| Cont | [S1-181468](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181468.zip) | Siemens | | Way forward | Revised to S1-181650 | Revision of S1-181570. | |
| Cont | [S1-181650](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181650.zip) | Siemens | | Way forward | Agreed | *Revision of S1-181570.*  Revision of S1-181468.  Rapporteur is requested to add the editor’s note also to newly agreed pCRs.  Rapporteur is requested to do a search replace of private network with Type-B network and exclusive network with Type-A network. | |
| Cont | [S1-181056](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181056.zip) | KPN | | Discussion paper on Definitions for Public/Private and Exclusive Networks | Noted |  | |
| Cont | [S1-181057](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181057.zip) | KPN | | CR21.905v15.0.0: **[DRAFT]** Update of the definition of Public Land Mobile Network | Withdrawn | WI code TEI-16 Rel-16 CR XXXX R- Cat C | |
| CR | [S1-181058](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181058.zip) | KPN | | CR22.261v15.4.0: Removal of private network and related requirements in Release 15 | Withdrawn | WI code SMARTER Rel-16 CR 0092 R- Cat F | |
| CR | [S1-181059](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181059.zip) | KPN | | CR22.261v16.3.0: New definitions for Private Network and Exclusive Network | Withdrawn | WI code CAV Rel-16 CR 0093 R- Cat C | |
| Cont | [S1-181160](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181160.zip) | Vodafone | | Discussion on the remaining issues in CAV study | Merged into S1-181466 |  | |
| CR | [S1-181207](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181207.zip) | Qualcomm Incorporated | | CR22.821v16.0.0: Proposed terminology changes for 5GLAN TR22.821 | Revised to S1-181467 | WI code FS\_5GLAN Rel-16 CR 0001 R- Cat F. | |
| CR | [S1-181467](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181467.zip) | Qualcomm Incorporated | | CR22.821v16.0.0: Proposed terminology changes for 5GLAN TR22.821 | Withdrawn | *WI code FS\_5GLAN Rel-16 CR 0001 R- Cat F.*  Revision of S1-181207. | |
| CR | [S1-181209](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181209.zip) | Qualcomm Incorporated | | CR22.821v16.0.0: Section 4.1 of 5GLAN TR22.821 | Moved to 7.12 | WI code FS\_5GLAN Rel-16 CR 0002 R- Cat D | |
| Cont | [S1-181342](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181342.zip) | Siemens, Nokia, Sennheiser, Deutsche Telekom, Qualcomm, Vodafone, Bosch, KPN | | Way forward on terminology | Noted |  | |
| **Merged requirements** | | | | | | | |
| Cont | [S1-181050](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181050.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8 skeleton and annex for mapping table | Revised to S1-181440 |  | |
| Cont | [S1-181440](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181440.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8 skeleton and annex for mapping table | Agreed | Revision of S1-181050. | |
| Cont | [S1-181184](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181184.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | CAV – 8.1 – merged potential communication service performance requirements | Revised to S1-181441 |  | |
| Cont | [S1-181441](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181441.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | CAV – 8.1 – merged potential communication service performance requirements | Agreed | Revision of S1-181184. | |
| Cont | [S1-181051](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181051.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | CAV – potential communication service performance requirements on clock synchronization | Revised to S1-181343 |  | |
| Cont | [S1-181343](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181343.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | CAV – potential communication service performance requirements on clock synchronization | Merged into S1-181443 | Revision of S1-181051. | |
| Cont | [S1-181443](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181443.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | CAV – potential communication service performance requirements on clock synchronization | Agreed | *Revision of S1-181051.*  Merge of S1-181343 and S1-181448. | |
| Cont | [S1-181233](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181233.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV - section 8.2.1 - network service access requirements | Revised to S1-181444 |  | |
| Cont | [S1-181444](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181444.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV - section 8.2.1 - network service access requirements | Merged into S1-181679 | Merge of S1-181233 + S1-181478. | |
| Cont | [S1-181679](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181679.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV - section 8.2.1 - network service access requirements | Agreed | *Revision of S1-181233.*  Revision of S1-181444. | |
| Cont | [S1-181228](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181228.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV exclusive/private network deployment requirements | Revised to S1-181445 |  | |
| Cont | [S1-181445](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181445.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV exclusive/private network deployment requirements | Revised to S1-181680 | Revision of S1-181228. | |
| Cont | [S1-181680](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181680.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV exclusive/private network deployment requirements | Revised to S1-181743 | *Revision of S1-181228.*  Revision of S1-181445.  No presentation | |
| Cont | [S1-181743](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181743.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV exclusive/private network deployment requirements | Agreed | *Revision of S1-181228.*  *Revision of S1-181445.*  *No presentation*  Revision of S1-181680.  FFS -> Editor’s note: this requirement is FFS  No presentation | |
| Cont | [S1-181206](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181206.zip) | Qualcomm, Huawei, Siemens, Nokia | | FS\_CAV Ethernet support deployment requirements | Agreed |  | |
| Cont | [S1-181229](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181229.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service differentiation and isolation requirements | Revised to S1-181446 |  | |
| Cont | [S1-181446](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181446.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service differentiation and isolation requirements | Revised to S1-181681 | Revision of S1-181229. | |
| Cont | [S1-181681](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181681.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service differentiation and isolation requirements | Agreed | *Revision of S1-181229.*  Revision of S1-181446.  Correct spelling mistake and move note into second requirement (changing must into shall).  No presentation | |
| Cont | [S1-181046](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181046.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8 potential Energy Consideration requirements | Agreed |  | |
| Cont | [S1-181047](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181047.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8.2.2.5 potential legacy and backward compatibility | Revised to S1-181447 |  | |
| Cont | [S1-181447](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181447.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8.2.2.5 potential legacy and backward compatibility | Revised to S1-181682 | Revision of S1-181047. | |
| Cont | [S1-181682](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181682.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8.2.2.5 potential legacy and backward compatibility | Agreed | *Revision of S1-181047.*  Revision of S1-181447. | |
| Cont | [S1-181048](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181048.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8 potential Clock synchronization requirements | Revised to S1-181448 |  | |
| Cont | [S1-181448](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181448.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8 potential Clock synchronization requirements | Merged into S1-181443 | Revision of S1-181048. | |
| Cont | [S1-181230](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181230.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV network interaction potential requirements | Revised to S1-181449 |  | |
| Cont | [S1-181449](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181449.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV network interaction potential requirements | Revised to S1-181475 | Revision of S1-181230. | |
| Cont | [S1-181475](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181475.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV network interaction potential requirements | Revised to S1-181477 | *Revision of S1-181230.*  Revision of S1-181449. | |
| Cont | [S1-181477](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181477.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV network interaction potential requirements | Revised to S1-181683 | *Revision of S1-181230.*  *Revision of S1-181449.*  Revision of S1-181475. | |
| Cont | [S1-181683](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181683.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV network interaction potential requirements | Agreed | *Revision of S1-181230.*  *Revision of S1-181449.*  *Revision of S1-181475.*  Revision of S1-181477.  No presentation | |
| Cont | [S1-181098](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181098.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV Service QoS monitoring and reporting requirements consolidation | Revised to S1-181450 |  | |
| Cont | [S1-181450](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181450.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV Service QoS monitoring and reporting requirements consolidation | Revised to S1-181537 | Revision of S1-181098. | |
| Cont | [S1-181537](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181537.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV Service QoS monitoring and reporting requirements consolidation | Agreed | *Revision of S1-181098.*  Revision of S1-181450.  No presentation | |
| Cont | [S1-181231](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181231.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service exposure requirements | Revised to S1-181451 |  | |
| Cont | [S1-181451](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181451.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service exposure requirements | Revised to S1-181476 | Revision of S1-181231. | |
| Cont | [S1-181476](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181476.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service exposure requirements | Revised to S1-181536 | *Revision of S1-181231.*  Revision of S1-181451. | |
| Cont | [S1-181536](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181536.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV Network service exposure requirements | Agreed | *Revision of S1-181231.*  *Revision of S1-181451.*  Revision of S1-181476. | |
| Cont | [S1-181232](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181232.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV section 8.2.6 security and privacy potential requirements | Revised to S1-181452 |  | |
| Cont | [S1-181452](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181452.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV section 8.2.6 security and privacy potential requirements | Revised to S1-181478 | Revision of S1-181232. | |
| Cont | [S1-181478](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181478.zip) | Siemens, Nokia, Huawei, Qualcomm, Ericsson | | FS\_CAV section 8.2.6 security and privacy potential requirements | Merged into S1-181679 | *Revision of S1-181232.*  Revision of S1-181452. | |
| Cont | [S1-181049](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181049.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8.2.7 potential other general requirements | Revised to S1-181453 |  | |
| Cont | [S1-181453](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181453.zip) | Siemens, Huawei, Nokia, Qualcomm, Ericsson | | FS\_CAV section 8.2.7 potential other general requirements | Agreed | Revision of S1-181049. | |
| **Other new (sub)causes** | | | | | | | |
| Cont | [S1-181186](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181186.zip) | Siemens AG | | CAV – conclusions | Revised to S1-181454 |  | |
| Cont | [S1-181454](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181454.zip) | Siemens AG | | CAV – conclusions | Agreed | Revision of S1-181186.  No presentation | |
| Cont | [S1-181088](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181088.zip) | China Telecom, Huawei | | Use Case for Millisecond-Level Precise Load Control | Revised to S1-181442 |  | |
| Cont | [S1-181442](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181442.zip) | China Telecom, Huawei | | Use Case for Millisecond-Level Precise Load Control | Revised to S1-181539 | Revision of S1-181088. | |
| Cont | [S1-181539](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181539.zip) | China Telecom, Huawei | | Use Case for Millisecond-Level Precise Load Control | Agreed | *Revision of S1-181088.*  Revision of S1-181442.  No presentation | |
| **Significant revision of (sub)clauses** | | | | | | | |
| Cont | [S1-181188](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181188.zip) | Siemens, Nokia, Huawei | | CAV - cleanup of Annexe D, TR 22.804, V1.1.0 | Agreed |  | |
| Cont | [S1-181187](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181187.zip) | Siemens, Nokia, Huawei | | CAV -cleanup of annexes A to C | Revised to S1-181455 |  | |
| Cont | [S1-181455](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181455.zip) | Siemens, Nokia, Huawei | | CAV -cleanup of annexes A to C | Agreed | Revision of S1-181187.  Use Annex instead of Annexe | |
| Cont | [S1-181175](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181175.zip) | Siemens, Nokia, Huawei | | Cleanup to clause 6 in TR 22.804 | Revised to S1-181456 |  | |
| Cont | [S1-181456](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181456.zip) | Siemens, Nokia, Huawei | | Cleanup to clause 6 in TR 22.804 | Revised to S1-181546 | Revision of S1-181175. | |
| Cont | [S1-181546](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181546.zip) | Siemens, Nokia, Huawei | | Cleanup to clause 6 in TR 22.804 | Agreed | *Revision of S1-181175.*  Revision of S1-181456.  No presentation | |
| Cont | [S1-181215](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181215.zip) | Fujitsu, KPN | | Editorial correction to Smart Farming use cases | Revised to S1-181321 |  | |
| Cont | [S1-181321](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181321.zip) | Fujitsu, KPN | | Editorial correction to Smart Farming use cases | Revised to S1-181378 | Revision of S1-181215. | |
| Cont | [S1-181378](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181378.zip) | Fujitsu, KPN | | Editorial correction to Smart Farming use cases | Revised to S1-181457 | *Revision of S1-181215.*  Revision of S1-181321. | |
| Cont | [S1-181457](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181457.zip) | Fujitsu, KPN | | Editorial correction to Smart Farming use cases | Revised to S1-181548 | *Revision of S1-181215.*  *Revision of S1-181321.*  Revision of S1-181378. | |
| Cont | [S1-181548](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181548.zip) | Fujitsu, KPN | | Editorial correction to Smart Farming use cases | Agreed | *Revision of S1-181215.*  *Revision of S1-181321.*  *Revision of S1-181378.*  Revision of S1-181457.  No presentation | |
| Cont | [S1-181227](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181227.zip) | Siemens, Nokia, Huawei | | Cleanup of subclause 5.6.1 in TR 22.804, V1.1.0 | Revised to S1-181458 |  | |
| Cont | [S1-181458](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181458.zip) | Siemens, Nokia, Huawei | | Cleanup of subclause 5.6.1 in TR 22.804, V1.1.0 | Agreed | Revision of S1-181227. | |
| Cont | [S1-181062](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181062.zip) | Fraunhofer IIS, Sony, Siemens AG | | Positioning Requirements for Use Cases under Factories of the Future | Revised to S1-181344 |  | |
| Cont | [S1-181344](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181344.zip) | Fraunhofer IIS, Sony, Siemens AG | | Positioning Requirements for Use Cases under Factories of the Future | Revised to S1-181459 | Revision of S1-181062. | |
| Cont | [S1-181459](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181459.zip) | Fraunhofer IIS, Sony, Siemens AG | | Positioning Requirements for Use Cases under Factories of the Future | Agreed | *Revision of S1-181062.*  Revision of S1-181344. | |
| Cont | [S1-181165](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181165.zip) | Siemens AG | | CAV – update of subclause 4.1 and 4.2 | Revised to S1-181460 |  | |
| Cont | [S1-181460](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181460.zip) | Siemens AG | | CAV – update of subclause 4.1 and 4.2 | Agreed | Revision of S1-181165. | |
| Cont | [S1-181159](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181159.zip) | Siemens AG | | CAV – update of subclause 4.3.4.4 | Revised to S1-181461 |  | |
| Cont | [S1-181461](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181461.zip) | Siemens AG | | CAV – update of subclause 4.3.4.4 | Revised to S1-181549 | Revision of S1-181159. | |
| Cont | [S1-181549](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181549.zip) | Siemens AG | | CAV – update of subclause 4.3.4.4 | Agreed | *Revision of S1-181159.*  Revision of S1-181461.  Quantitities -> quantities  No presentation | |
| Cont | [S1-181151](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181151.zip) | Siemens AG | | CAV – update of definitions subclause | Revised to S1-181462 |  | |
| Cont | [S1-181462](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181462.zip) | Siemens AG | | CAV – update of definitions subclause | Agreed | Revision of S1-181151. | |
| Cont | [S1-181368](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181109.zip) | Sennheiser | | Presentation to introduce definitions proposal | Noted |  | |
| Cont | [S1-181109](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181109.zip) | Sennheiser | | CAV – update of definitions subclause | Revised to S1-181463 |  | |
| Cont | [S1-181463](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181463.zip) | Sennheiser | | CAV – update of definitions subclause | Agreed | Revision of S1-181109. | |
| Cont | [S1-181153](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181153.zip) | Siemens AG, Nokia, Qualcomm | | CAV – update of network definition | Revised to S1-181464 |  | |
| Cont | [S1-181464](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181464.zip) | Siemens AG, Nokia, Qualcomm | | CAV – update of network definition | Withdrawn | Revision of S1-181153. | |
| Cont | [S1-181145](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181145.zip) | Siemens, Nokia, Huawei | | CAV - cleanup of clause 2 in TR 22.804, V1.1.0 | Revised to S1-181336 |  | |
| Cont | [S1-181336](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181336.zip) | Siemens, Nokia, Huawei | | CAV - cleanup of clause 2 in TR 22.804, V1.1.0 | Revised to S1-181465 | Revision of S1-181145. | |
| Cont | [S1-181465](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181465.zip) | Siemens, Nokia, Huawei | | CAV - cleanup of clause 2 in TR 22.804, V1.1.0 | Agreed | *Revision of S1-181145.*  Revision of S1-181336.  No presentation | |
| Cont | [S1-181150](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181150.zip) | Siemens, Nokia, Qualcomm | | Editorial cleanup to apply exclusive network | Merged into S1-181466 |  | |
| Cont | [S1-181466](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181466.zip) | Siemens, Nokia, Qualcomm | | Editorial cleanup to apply exclusive network | Revised to S1-181698 | Merge of S1-181150 and S1-181160. | |
| Cont | [S1-181698](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181698.zip) | Siemens, Nokia, Qualcomm | | Editorial cleanup to apply exclusive network | Agreed | *Merge of S1-181150 and S1-181160.*  Revision of S1-181466. | |
| **Editorial clean up** | | | | | | | |
| Cont | [S1-181148](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181148.zip) | Siemens, Nokia, Huawei | | Editorial cleanup to Annexe E in TR 22.804 | Agreed |  | |
| Cont | [S1-181147](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181147.zip) | Siemens, Nokia, Huawei | | Editorial cleanup to clause 7 in TR 22.804 | Agreed |  | |
| Cont | [S1-181173](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181173.zip) | Siemens, Nokia, Huawei, ETRI | | Editorial cleanup to clause 5 in TR 22.804 | Revised to S1-181469 |  | |
| Cont | [S1-181469](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181469.zip) | Siemens, Nokia, Huawei, ETRI | | Editorial cleanup to clause 5 in TR 22.804 | Revised to S1-181471 | Revision of S1-181173. | |
| Cont | [S1-181471](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181471.zip) | Siemens, Nokia, Huawei, ETRI | | Editorial cleanup to clause 5 in TR 22.804 | Revised to S1-181474 | *Revision of S1-181173.*  Revision of S1-181469. | |
| Cont | [S1-181474](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181474.zip) | Siemens, Nokia, Huawei, ETRI | | Editorial cleanup to clause 5 in TR 22.804 | Agreed | *Revision of S1-181173.*  *Revision of S1-181469.*  Revision of S1-181471. | |
| Cont | [S1-181162](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181162.zip) | Siemens, Nokia | | CAV – editorial cleanup of clause 4 | Agreed |  | |
| Cont | [S1-181146](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181146.zip) | Siemens, Nokia, Huawei | | Editorial cleanup to clause 3.3 in TR 22.804 | Revised to S1-181470 |  | |
| Cont | [S1-181470](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181470.zip) | Siemens, Nokia, Huawei | | Editorial cleanup to clause 3.3 in TR 22.804 | Agreed | Revision of S1-181146. | |
| Cont | [S1-181144](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181144.zip) | Siemens, Nokia, Huawei | | CAV - editorial cleanup to clause 1 in TR 22.804, V1.1.0 | Revised to S1-181337 |  | |
| Cont | [S1-181337](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181337.zip) | Siemens, Nokia, Huawei | | CAV - editorial cleanup to clause 1 in TR 22.804, V1.1.0 | Agreed | Revision of S1-181144. | |
| **Normative WID** | | | | | | | |
| Cont | [S1-181223](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181223.zip) | Siemens AG | | Making the Case (again) for a Work Item on service requirements for enabling cyber-physical control applications | Revised to S1-181338 | Moved from 4 | |
| Cont | [S1-181338](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181338.zip) | Siemens AG | | Making the Case (again) for a Work Item on service requirements for enabling cyber-physical control applications | Noted | *Moved from 4*  Revision of S1-181223. | |
| WID | [S1-181190](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181190.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Revised to S1-181339 | Moved from 4 | |
| WID | [S1-181339](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181339.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Revised to S1-181472 | *Moved from 4*  Revision of S1-181190. | |
| WID | [S1-181472](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181472.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Revised to S1-181550 | *Moved from 4*  *Revision of S1-181190.*  Revision of S1-181339. | |
| WID | [S1-181550](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181550.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Revised to S1-181701 | *Moved from 4*  *Revision of S1-181190.*  *Revision of S1-181339.*  Revision of S1-181472. | |
| WID | [S1-181701](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181701.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Revised to S1-181713 | *Moved from 4*  *Revision of S1-181190.*  *Revision of S1-181339.*  *Revision of S1-181472.*  Revision of S1-181550. | |
| WID | [S1-181713](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181713.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Revised to S1-181744 | *Moved from 4*  *Revision of S1-181190.*  *Revision of S1-181339.*  *Revision of S1-181472.*  *Revision of S1-181550.*  Revision of S1-181701. | |
| WID | [S1-181744](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181744.zip) | Siemens AG, China Southern Power Grid Co., Robert Bosch GmbH | | New WID on Service Requirements for Cyber-Physical Control Applications in Vertical Domains | Agreed | *Moved from 4*  *Revision of S1-181190.*  *Revision of S1-181339.*  *Revision of S1-181472.*  *Revision of S1-181550.*  *Revision of S1-181701.*  Revision of S1-181713.  No presentation | |
| TS | [S1-181236](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181236.zip) | Siemens | | cyberCAV TS skeleton | Revised to S1-181473 | Moved from 4 | |
| TS | [S1-181473](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181473.zip) | Siemens | | cyberCAV TS skeleton | Revised to S1-181551 | *Moved from 4*  Revision of S1-181236. | |
| TS | [S1-181551](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181551.zip) | Siemens | | cyberCAV TS skeleton | Agreed | *Moved from 4*  *Revision of S1-181236.*  Revision of S1-181473.  No presentation | |
| CAV drafting session information and FS\_CAV output (45) | | | | | | | |
| TR | [S1-181284](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181284.zip) | Rapporteur (Siemens) | | TR22.804v1.2.0 to include agreements at this meeting | Agreed | Tuesday available  Thursday deadline comments  Friday final version  No presentation | |
| TR | [S1-181234](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181234.zip) | Rapporteur (Siemens) | | Cover page for presentation of TR22.804v1.2.0 | Revised to S1-181702 |  | |
| TR | [S1-181702](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181702.zip) | Rapporteur (Siemens) | | Cover page for presentation of TR22.804v1.2.0 | Revised to S1-181746 | Revision of S1-181234. | |
| TR | [S1-181746](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181746.zip) | Rapporteur (Siemens) | | Cover page for presentation of TR22.804v1.2.0 | Agreed | *Revision of S1-181234.*  Revision of S1-181702.  No presentation | |
| TS | [S1-181552](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181552.zip) | Rapporteur (Siemens) | | TS22.xxxv0.1.0 to include agreements at this meeting | Agreed |  | |
| AGE | [S1-181285](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181285.zip) | Rapporteur / Session Chair | | CAV drafting agenda | Agreed |  | |
| REP | [S1-181286](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181286.zip) | Rapporteur / Session Chair | | CAV drafting report | Agreed |  | |
| FS\_HYPOS: Study on positioning use cases [SP-170589] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.872v1.0.0  Target completion date: SA#80 (06/2018)  Percentage completion: 75% | | | | | | | |
| Cont | [S1-181066](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181066.zip) | ZTE Corporation | | Supplement vertical positioning requirements | Revised to S1-181480 |  | |
| Cont | [S1-181480](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181480.zip) | ZTE Corporation | | Supplement vertical positioning requirements | Agreed | Revision of S1-181066. | |
| Cont | [S1-181132](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181132.zip) | Philips International B.V. | | TR 22.872 use case clarifications | Revised to S1-181481 |  | |
| Cont | [S1-181481](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181481.zip) | Philips International B.V. | | TR 22.872 use case clarifications | Revised to S1-181693 | Revision of S1-181132. | |
| Cont | [S1-181693](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181693.zip) | Philips International B.V. | | TR 22.872 use case clarifications | Agreed | *Revision of S1-181132.*  Revision of S1-181481. | |
| Cont | [S1-181225](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181225.zip) | ESA | | 5G\_HYPOS - TR 22.872 Clause 5.5.1 – Editor’s note | Agreed |  | |
| Cont | [S1-181067](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181067.zip) | ZTE Corporation | | Support of 3rd party to trigger location method negotiation | Revised to S1-181482 |  | |
| Cont | [S1-181482](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181482.zip) | ZTE Corporation | | Support of 3rd party to trigger location method negotiation | Agreed | Revision of S1-181067. | |
| Cont | [S1-181104](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181104.zip) | ESA | | 5G\_HYPOS - TR 22.872 Clause 5 - Multiple editors notes | Revised to S1-181483 |  | |
| Cont | [S1-181483](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181483.zip) | ESA | | 5G\_HYPOS - TR 22.872 Clause 5 - Multiple editors notes | Agreed | Revision of S1-181104.  No presentation | |
| Cont | [S1-181011](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181011.zip) | Orange | | Container size in factories | Revised to S1-181390 |  | |
| Cont | [S1-181390](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181390.zip) | Orange | | Container size in factories | Revised to S1-181484 | Revision of S1-181011. | |
| Cont | [S1-181484](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181484.zip) | Orange | | Container size in factories | Revised to S1-181695 | *Revision of S1-181011.*  Revision of S1-181390. | |
| Cont | [S1-181695](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181695.zip) | Orange | | Container size in factories | Withdrawn | *Revision of S1-181011.*  *Revision of S1-181390.*  Revision of S1-181484. | |
| Cont | [S1-181021](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181021.zip) | FirstNet, NextNav, BMWi | | pCR on First Responder Location Use Case | Revised to S1-181497 |  | |
| Cont | [S1-181497](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181497.zip) | FirstNet, NextNav, BMWi | | pCR on First Responder Location Use Case | Agreed | Revision of S1-181021. | |
| Cont | [S1-181133](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181133.zip) | Philips International B.V. | | TR 22.872 additional use cases | Revised to S1-181601 |  | |
| Cont | [S1-181601](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181601.zip) | Philips International B.V. | | TR 22.872 additional use cases | Agreed | Revision of S1-181133. | |
| Cont | [S1-181105](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181105.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 6 - Considerations on privacy and adaptability | Revised to S1-181386 |  | |
| Cont | [S1-181386](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181386.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 6 - Considerations on privacy and adaptability | Revised to S1-181602 | Revision of S1-181105. | |
| Cont | [S1-181602](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181602.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 6 - Considerations on privacy and adaptability | Agreed | *Revision of S1-181105.*  Revision of S1-181386. | |
| Cont | [S1-181224](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181224.zip) | ESA | | 5G\_HYPOS – TR 22.872 Clause 7 - Considerations on the suitability of positioning technologies for use cases | Revised to S1-181496 |  | |
| Cont | [S1-181496](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181496.zip) | ESA | | 5G\_HYPOS – TR 22.872 Clause 7 - Considerations on the suitability of positioning technologies for use cases | Revised to S1-181603 | Revision of S1-181224. | |
| Cont | [S1-181603](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181603.zip) | ESA | | 5G\_HYPOS – TR 22.872 Clause 7 - Considerations on the suitability of positioning technologies for use cases | Revised to S1-181735 | *Revision of S1-181224.*  Revision of S1-181496. | |
| Cont | [S1-181735](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181735.zip) | ESA | | 5G\_HYPOS – TR 22.872 Clause 7 - Considerations on the suitability of positioning technologies for use cases | Agreed | *Revision of S1-181224.*  *Revision of S1-181496.*  Revision of S1-181603. | |
| Cont | [S1-181106](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181106.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 8 - Potential consolidated requirements | Revised to S1-181494 |  | |
| Cont | [S1-181494](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181494.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 8 - Potential consolidated requirements | Revised to S1-181604 | Revision of S1-181106. | |
| Cont | [S1-181604](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181604.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 8 - Potential consolidated requirements | Revised to S1-181696 | *Revision of S1-181106.*  Revision of S1-181494. | |
| Cont | [S1-181696](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181696.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 8 - Potential consolidated requirements | Revised to S1-181747 | *Revision of S1-181106.*  *Revision of S1-181494.*  Revision of S1-181604. | |
| Cont | [S1-181747](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181747.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Clause 8 - Potential consolidated requirements | Agreed | *Revision of S1-181106.*  *Revision of S1-181494.*  *Revision of S1-181604.*  Revision of S1-181696.  50m -> 10m  No presentation | |
| Cont | [S1-181108](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181108.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Annex A - Mapping matrices for potential consolidated requirements | Revised to S1-181605 |  | |
| Cont | [S1-181605](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181605.zip) | ESA (European Space Agency) | | 5G\_HYPOS - TR 22.872 Annex A - Mapping matrices for potential consolidated requirements | Agreed | Revision of S1-181108. | |
| Cont | [S1-181107](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181107.zip) | ESA (European Space Agency) | | 5G\_HYPOS – TR 22.872 Clause 9 - Conclusions and recommendations | Revised to S1-181387 |  | |
| Cont | [S1-181387](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181387.zip) | ESA (European Space Agency) | | 5G\_HYPOS – TR 22.872 Clause 9 - Conclusions and recommendations | Agreed | Revision of S1-181107. | |
| Cont | [S1-181235](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181235.zip) | ESA | | 5G\_HYPOS - TR22.872 - Editorial cleanup and references | Revised to S1-181606 |  | |
| Cont | [S1-181606](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181606.zip) | ESA | | 5G\_HYPOS - TR22.872 - Editorial cleanup and references | Revised to S1-181697 | Revision of S1-181235. | |
| Cont | [S1-181697](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181697.zip) | ESA | | 5G\_HYPOS - TR22.872 - Editorial cleanup and references | Agreed | *Revision of S1-181235.*  Revision of S1-181606.  No presentation | |
| WID | [S1-181226](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181226.zip) | ESA (European Space Agency) | | New WID on 5G positioning services | Revised to S1-181495 | Moved from 4  4 supporting companies needed | |
| WID | [S1-181495](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181495.zip) | ESA (European Space Agency) | | New WID on 5G positioning services | Revised to S1-181607 | *Moved from 4*  *4 supporting companies needed*  Revision of S1-181226. | |
| WID | [S1-181607](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181607.zip) | ESA (European Space Agency) | | New WID on 5G positioning services | Agreed | *Moved from 4*  *4 supporting companies needed*  *Revision of S1-181226.*  Revision of S1-181495.  No presentation  No presentation | |
| FS\_HYPOS output | | | | | | | |
| TR | [S1-181287](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181287.zip) | Rapporteur (ESA) | | TR22.872v1.1.0 to include agreements at this meeting | Agreed | Tuesday, Thursday, Friday final  No presentation | |
| TR | [S1-181288](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181288.zip) | Rapporteur (ESA) | | Cover page for presentation of TR22.872v1.1.0 | Revised to S1-181754 |  | |
| TR | [S1-181754](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181754.zip) | Rapporteur (ESA) | | Cover page for presentation of TR22.872v1.1.0 | Agreed | Revision of S1-181288.  Agreed to send 22.872 for approval  No presentation | |
| FS\_5GSAT: Study on using Satellite Access in 5G [SP-170788] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.822v0.2.0  Target completion date: SA#80 (06/2018)  Percentage completion: 70% | | | | | | | |
| Cont | [S1-181013](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181013.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 2 – References - Clean up | Agreed |  | |
| Cont | [S1-181015](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181015.zip) | THALES S.A., SES | | FS\_5GSAT- TR 22.822 - Section 3.2 – Abbreviations | Agreed |  | |
| Cont | [S1-181022](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181022.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 -–Clean-up of Section 5 – Use Cases | Revised to S1-181486 |  | |
| Cont | [S1-181486](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181486.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 -–Clean-up of Section 5 – Use Cases | Agreed | Revision of S1-181022. | |
| Cont | [S1-181124](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181124.zip) | Siemens | | SAT connection of onshore remote service centre to off-shore wind farm | Revised to S1-181331 |  | |
| Cont | [S1-181331](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181331.zip) | Siemens | | SAT connection of onshore remote service centre to off-shore wind farm | Revised to S1-181485 | Revision of S1-181124. | |
| Cont | [S1-181485](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181485.zip) | Siemens | | SAT connection of onshore remote service centre to off-shore wind farm | Agreed | *Revision of S1-181124.*  Revision of S1-181331. | |
| Cont | [S1-181016](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181016.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 7 – Considerations | Revised to S1-181487 |  | |
| Cont | [S1-181487](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181487.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 7 – Considerations | Agreed | Revision of S1-181016. | |
| Cont | [S1-181017](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181017.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 8 – Potential Requirements | Revised to S1-181488 |  | |
| Cont | [S1-181488](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181488.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 8 – Potential Requirements | Revised to S1-181538 | Revision of S1-181017. | |
| Cont | [S1-181616](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181616.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 8 – Potential Requirements | Revised to S1-181538 | *Revision of S1-181017.*  Revision of S1-181488. | |
| Cont | [S1-181538](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181538.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 8 – Potential Requirements | Agreed | *Revision of S1-181017.*  *Revision of S1-181488.*  Revision of S1-181616. | |
| Cont | [S1-181018](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181018.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 9 – Conclusion and Recommendations | Revised to S1-181599 |  | |
| Cont | [S1-181599](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181599.zip) | THALES S.A. | | FS\_5GSAT- TR 22.822 - Section 9 – Conclusion and Recommendations | Agreed | Revision of S1-181018.  No presentation | |
| WID | [S1-181014](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181014.zip) | THALES, TNO, CNES, Avanti, CTTC, ESA, Fraunhofer IIS, HNS, Nomor, Catapult, IAESI, SES. ICS, VTT, LEONARDO, Airbus, iDirect, Eutelsat, SyncTechno, Siemens AG | | New WID on Integration of Satellite Access in 5G | Revised to S1-181493 | Moved from 4 | |
| WID | [S1-181493](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181493.zip) | THALES, TNO, CNES, Avanti, CTTC, ESA, Fraunhofer IIS, HNS, Nomor, Catapult, IAESI, SES. ICS, VTT, LEONARDO, Airbus, iDirect, Eutelsat, SyncTechno, Siemens AG | | New WID on Integration of Satellite Access in 5G | Revised to S1-181600 | *Moved from 4*  Revision of S1-181014. | |
| WID | [S1-181600](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181600.zip) | THALES, TNO, CNES, Avanti, CTTC, ESA, Fraunhofer IIS, HNS, Nomor, Catapult, IAESI, SES. ICS, VTT, LEONARDO, Airbus, iDirect, Eutelsat, SyncTechno, Siemens AG | | New WID on Integration of Satellite Access in 5G | Agreed | *Moved from 4*  *Revision of S1-181014.*  Revision of S1-181493.  No presentation | |
| FS\_5GSAT output | | | | | | | |
| TR | [S1-181289](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181289.zip) | Rapporteur (Thales) | | TR22.822v0.3.0 to include agreements at this meeting | Agreed | Tuesday, Thursday, friday  No presentation | |
| TR | [S1-181065](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181065.zip) | Rapporteur (Thales) | | Cover page for presentation of TR22.822v0.3.0 | Revised to S1-181592 |  | |
| TR | [S1-181592](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181592.zip) | Rapporteur (Thales) | | Cover page for presentation of TR22.822v0.3.0 | Revised to S1-181703 | Revision of S1-181065. | |
| TR | [S1-181703](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181703.zip) | Rapporteur (Thales) | | Cover page for presentation of TR22.822v0.3.0 | Agreed | *Revision of S1-181065.*  Revision of S1-181592. | |
| FS\_5GMSG: Study on 5G message service for MIoT [SP-170704] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.824v0.2.0  Target completion date: SA#81 (09/2018)  Percentage completion: 60% | | | | | | | |
| Cont | [S1-181118](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181118.zip) | China Unicom | | 5GMSG: Arbitrarily Wake Up | Revised to S1-181439 |  | |
| Cont | [S1-181439](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181439.zip) | China Unicom | | 5GMSG: Arbitrarily Wake Up | Revised to S1-181715 | Revision of S1-181118. | |
| Cont | [S1-181715](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181715.zip) | China Unicom | | 5GMSG: Arbitrarily Wake Up | Agreed | *Revision of S1-181118.*  Revision of S1-181439.  No presentation | |
| Cont | [S1-181119](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181119.zip) | China Unicom | | 5GMSG: Message models | Revised to S1-181572 |  | |
| Cont | [S1-181572](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181572.zip) | China Unicom | | 5GMSG: Message models | Revised to S1-181716 | Revision of S1-181119. | |
| Cont | [S1-181716](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181716.zip) | China Unicom | | 5GMSG: Message models | Agreed | *Revision of S1-181119.*  Revision of S1-181572.  No presentation | |
| Cont | [S1-181120](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181120.zip) | China Unicom | | 5GMSG: Supplement of 5GMSG unified control | Revised to S1-181573 |  | |
| Cont | [S1-181573](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181573.zip) | China Unicom | | 5GMSG: Supplement of 5GMSG unified control | Agreed | Revision of S1-181120. | |
| Cont | [S1-181122](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181122.zip) | China Unicom | | 5GMSG: Supplement of 5GMSG Charging | Revised to S1-181627 |  | |
| Cont | [S1-181627](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181627.zip) | China Unicom | | 5GMSG: Supplement of 5GMSG Charging | Agreed | Revision of S1-181122. | |
| Cont | [S1-181127](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181127.zip) | China Unicom | | 5GMSG: Optimization of Experience and Performance | Revised to S1-181628 |  | |
| Cont | [S1-181628](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181628.zip) | China Unicom | | 5GMSG: Optimization of Experience and Performance | Revised to S1-181717 | Revision of S1-181127. | |
| Cont | [S1-181717](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181717.zip) | China Unicom | | 5GMSG: Optimization of Experience and Performance | Agreed | *Revision of S1-181127.*  Revision of S1-181628.  No presentation | |
| Cont | [S1-181136](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181136.zip) | China Unicom | | 5GMSG: Supplement of Status Interactive | Revised to S1-181629 |  | |
| Cont | [S1-181629](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181629.zip) | China Unicom | | 5GMSG: Supplement of Status Interactive | Agreed | Revision of S1-181136. | |
| FS\_5GMSG output | | | | | | | |
| TR | [S1-181291](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181291.zip) | Rapporteur (China Mobile) | | TR22.824v0.3.0 to include agreements at this meeting | Agreed |  | |
| TR | [S1-181292](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181292.zip) | Rapporteur (China Mobile) | | Cover page for presentation of TR22.824v0.3.0 | Revised to S1-181748 |  | |
| TR | [S1-181748](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181748.zip) | Rapporteur (China Mobile) | | Cover page for presentation of TR22.824v0.3.0 | Agreed | Revision of S1-181292.  No presentation | |
| FS\_BMNS: Study on Business Role Models for Network Slicing [SP-180169] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.830v0.2.0  Target completion date: SA#81 (09/2018)  Percentage completion: 50% | | | | | | | |
| Cont | [S1-181053](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181053.zip) | China Southern Power Grid, Huawei | | Update of Clause 5.4 “Enhanced network capability exposure for Distribution Network of Smart Grid” | Revised to S1-181505 |  | |
| Cont | [S1-181505](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181505.zip) | China Southern Power Grid, Huawei | | Update of Clause 5.4 “Enhanced network capability exposure for Distribution Network of Smart Grid” | Revised to S1-181553 | Revision of S1-181053. | |
| Cont | [S1-181553](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181553.zip) | China Southern Power Grid, Huawei | | Update of Clause 5.4 “Enhanced network capability exposure for Distribution Network of Smart Grid” | Agreed | *Revision of S1-181053.*  Revision of S1-181505.  No presentation | |
| Cont | [S1-181243](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181243.zip) | Orange | | New business relationship model 3e | Noted |  | |
| Cont | [S1-181126](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181126.zip) | NTT DOCOMO | | Proposal on combination of a private network slice in a PLMN and a privately owned local network | Revised to S1-181507 |  | |
| Cont | [S1-181507](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181507.zip) | NTT DOCOMO | | Proposal on combination of a private network slice in a PLMN and a privately owned local network | Agreed | Revision of S1-181126. | |
| Cont | [S1-181121](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181121.zip) | Siemens AG | | BMNS – End-to-end asset tracking | Revised to S1-181329 |  | |
| Cont | [S1-181329](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181329.zip) | Siemens AG | | BMNS – End-to-end asset tracking | Revised to S1-181508 | Revision of S1-181121. | |
| Cont | [S1-181508](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181508.zip) | Siemens AG | | BMNS – End-to-end asset tracking | Revised to S1-181554 | *Revision of S1-181121.*  Revision of S1-181329. | |
| Cont | [S1-181554](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181554.zip) | Siemens AG | | BMNS – End-to-end asset tracking | Agreed | *Revision of S1-181121.*  *Revision of S1-181329.*  Revision of S1-181508. | |
| Cont | [S1-181123](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181123.zip) | Siemens AG | | BMNS – Network slicing roles in off-shore wind farm | Revised to S1-181330 |  | |
| Cont | [S1-181330](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181330.zip) | Siemens AG | | BMNS – Network slicing roles in off-shore wind farm | Revised to S1-181509 | Revision of S1-181123. | |
| Cont | [S1-181509](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181509.zip) | Siemens AG | | BMNS – Network slicing roles in off-shore wind farm | Revised to S1-181555 | *Revision of S1-181123.*  Revision of S1-181330. | |
| Cont | [S1-181555](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181555.zip) | Siemens AG | | BMNS – Network slicing roles in off-shore wind farm | Agreed | *Revision of S1-181123.*  *Revision of S1-181330.*  Revision of S1-181509. | |
| Cont | [S1-181110](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181110.zip) | Sennheiser Electronic GmbH | | A/V Production Use Case relaying on PLMN Infrastructure | Revised to S1-181325 | EMPTY ZIP-file | |
| Cont | [S1-181325](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181325.zip) | Sennheiser Electronic GmbH | | A/V Production Use Case relaying on PLMN Infrastructure | Revised to S1-181506 | Revision of S1-181110. | |
| Cont | [S1-181506](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181506.zip) | Sennheiser Electronic GmbH | | A/V Production Use Case relaying on PLMN Infrastructure | Revised to S1-181556 | *Revision of S1-181110.*  Revision of S1-181325. | |
| Cont | [S1-181556](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181556.zip) | Sennheiser Electronic GmbH | | A/V Production Use Case relaying on PLMN Infrastructure | Revised to S1-181725 | *Revision of S1-181110.*  *Revision of S1-181325.*  Revision of S1-181506. | |
| Cont | [S1-181725](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181725.zip) | Sennheiser Electronic GmbH | | A/V Production Use Case relaying on PLMN Infrastructure | Agreed | *Revision of S1-181110.*  *Revision of S1-181325.*  *Revision of S1-181506.*  Revision of S1-181556. | |
| Cont | [S1-181111](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181111.zip) | Sennheiser Electronic GmbH | | A/V Production use cases with local standalone deployment | Revised to S1-181502 | EMPTY ZIP-file | |
| Cont | [S1-181326](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181326.zip) | Sennheiser Electronic GmbH | | A/V Production use cases with local standalone deployment | Revised to S1-181510 | Revision of S1-181111. | |
| Cont | [S1-181510](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181510.zip) | Sennheiser Electronic GmbH | | A/V Production use cases with local standalone deployment | Revised to S1-181557 | *Revision of S1-181111.*  Revision of S1-181326. | |
| Cont | [S1-181557](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181557.zip) | Sennheiser Electronic GmbH | | A/V Production use cases with local standalone deployment | Agreed | *Revision of S1-181111.*  *Revision of S1-181326.*  Revision of S1-181510.  No presentation | |
| Cont | [S1-181100](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181100.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS acronyms | Revised to S1-181502 |  | |
| Cont | [S1-181502](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181502.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS acronyms | Agreed | Revision of S1-181100. | |
| Cont | [S1-181101](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181101.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS editorial cleanup | Revised to S1-181503 |  | |
| Cont | [S1-181503](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181503.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS editorial cleanup | Agreed | Revision of S1-181101. | |
| Cont | [S1-181102](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181102.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS terminology cleanup | Revised to S1-181504 |  | |
| Cont | [S1-181504](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181504.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS terminology cleanup | Revised to S1-181558 | Revision of S1-181102. | |
| Cont | [S1-181558](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181558.zip) | Nokia, Nokia Shanghai Bell | | FS\_BMNS terminology cleanup | Agreed | *Revision of S1-181102.*  Revision of S1-181504. | |
| FS\_BMNS output and BMNS+LUCIA drafting session information (10+11=21) | | | | | | | |
| TR | [S1-181293](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181293.zip) | Rapporteur (Nokia) | | TR22.830v0.3.0 to include agreements at this meeting | Agreed | Tuesday, Thursday, friday  No presentation | |
| TR | [S1-181294](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181294.zip) | Rapporteur (Nokia) | | Cover page for presentation of TR22.830v0.3.0 | Agreed |  | |
| AGE | [S1-181295](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181295.zip) | Rapporteur / Session Chair | | BMNS+LUCIA drafting agenda | Agreed |  | |
| REP | [S1-181296](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181296.zip) | Rapporteur / Session Chair | | BMNS+LUCIA drafting report | Agreed |  | |
| FS\_LUCIA: Study on a Layer for User Centric Identifiers and Authentication [SP-170995] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.904v1.0.0  Target completion date: SA#80 (06/2018)  Percentage completion: 60% | | | | | | | |
| Cont | [S1-181007](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181007.zip) | Rapporteur (Deutsche Telekom) | | Editorial updates on TR 22.904 | Agreed |  | |
| Cont | [S1-181008](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181008.zip) | Deutsche Telekom, NEC, Verizon UK | | Definitions for TR 22.904 | Revised to S1-181511 |  | |
| Cont | [S1-181511](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181511.zip) | Deutsche Telekom, NEC, Verizon UK | | Definitions for TR 22.904 | Agreed | Revision of S1-181008.  No presentation | |
| Cont | [S1-181012](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181012.zip) | NEC, Deutsche Telekom, InterDigital, Nokia | | FS\_LUCIA: Proposed "Consolidated potential requirements" | Revised to S1-181512 |  | |
| Cont | [S1-181512](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181512.zip) | NEC, Deutsche Telekom, InterDigital, Nokia | | FS\_LUCIA: Proposed "Consolidated potential requirements" | Revised to S1-181685 | Revision of S1-181012. | |
| Cont | [S1-181685](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181685.zip) | NEC, Deutsche Telekom, InterDigital, Nokia | | FS\_LUCIA: Proposed "Consolidated potential requirements" | Agreed | *Revision of S1-181012.*  Revision of S1-181512. | |
| Cont | [S1-181024](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181024.zip) | Deutsche Telekom, NEC, Verizon UK | | Overview for TR 22.904 | Agreed |  | |
| Cont | [S1-181052](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181052.zip) | Huawei, Hisilicon | | Updating user account based on authorization from 3rd party | Revised to S1-181513 |  | |
| Cont | [S1-181513](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181513.zip) | Huawei, Hisilicon | | Updating user account based on authorization from 3rd party | Revised to S1-181686 | Revision of S1-181052. | |
| Cont | [S1-181686](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181686.zip) | Huawei, Hisilicon | | Updating user account based on authorization from 3rd party | Agreed | *Revision of S1-181052.*  Revision of S1-181513. | |
| Cont | [S1-181103](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181103.zip) | Nokia, Nokia Shanghai Bell | | FS\_LUCIA 3rd party slice authentication failure | Revised to S1-181514 |  | |
| Cont | [S1-181514](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181514.zip) | Nokia, Nokia Shanghai Bell | | FS\_LUCIA 3rd party slice authentication failure | Agreed | Revision of S1-181103. | |
| Cont | [S1-181116](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181116.zip) | China Unicom | | FS\_LUCIA: Automatically De-register Function | Revised to S1-181515 |  | |
| Cont | [S1-181515](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181515.zip) | China Unicom | | FS\_LUCIA: Automatically De-register Function | Revised to S1-181684 | Revision of S1-181116. | |
| Cont | [S1-181684](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181684.zip) | China Unicom | | FS\_LUCIA: Automatically De-register Function | Agreed | *Revision of S1-181116.*  Revision of S1-181515. | |
| Cont | [S1-181117](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181117.zip) | China Unicom | | FS\_LUCIA: Services Configuration of Shared Devices | Revised to S1-181516 |  | |
| Cont | [S1-181516](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181516.zip) | China Unicom | | FS\_LUCIA: Services Configuration of Shared Devices | Agreed | Revision of S1-181117. | |
| Cont | [S1-181238](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181238.zip) | Orange | | User using several devices | Revised to S1-181517 |  | |
| Cont | [S1-181517](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181517.zip) | Orange | | User using several devices | Withdrawn | Revision of S1-181238. | |
| Cont | [S1-181239](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181239.zip) | Orange | | Virtual identifier Definition | Revised to S1-181569 |  | |
| Cont | [S1-181569](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181569.zip) | Orange | | Virtual identifier Definition | Revised to S1-181518 | Revision of S1-181239. | |
| Cont | [S1-181518](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181518.zip) | Orange | | Virtual identifier Definition | Withdrawn | *Revision of S1-181239.*  Revision of S1-181569. | |
| WID | [S1-181113](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181113.zip) | Deutsche Telekom | | New WID on User Identities and Authentication | Revised to S1-181519 | Moved from 4  4 supporting companies needed | |
| WID | [S1-181519](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181519.zip) | Deutsche Telekom | | New WID on User Identities and Authentication | Revised to S1-181687 | *Moved from 4*  *4 supporting companies needed*  Revision of S1-181113. | |
| WID | [S1-181687](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181687.zip) | Deutsche Telekom | | New WID on User Identities and Authentication | Agreed | *Moved from 4*  *4 supporting companies needed*  *Revision of S1-181113.*  Revision of S1-181519.  Adding two supporting companies  No presentation | |
| FS\_LUCIA output | | | | | | | |
| TR | [S1-181298](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181298.zip) | Rapporteur (Deutsche Telekom) | | TR22.904v1.1.0 to include agreements at this meeting | Agreed | No presentation | |
| TR | [S1-181299](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181299.zip) | Rapporteur (Deutsche Telekom) | | Cover page for presentation of TR22.904v1.1.0 | Agreed |  | |
| FS\_MPS2: Feasibility Study on Multimedia Priority Service (MPS) Phase 2 [SP-170996] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.854v0.2.0  Target completion date: SA#83 (03/2019)  Percentage completion: 10% | | | | | | | |
| Cont | [S1-181240](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181240.zip) | Vencore Labs, OEC, AT&T, Sprint | | Basic Data Transport Service (DTS) Invoked from an MPS Subscribed UE | Revised to S1-181400 |  | |
| Cont | [S1-181400](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181400.zip) | Vencore Labs, OEC, AT&T, Sprint | | Basic Data Transport Service (DTS) Invoked from an MPS Subscribed UE | Agreed | Revision of S1-181240. | |
| Cont | [S1-181241](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181241.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation from an MPS subscribed UE for VPN Access to an Enterprise Network | Revised to S1-181401 |  | |
| Cont | [S1-181401](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181401.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation from an MPS subscribed UE for VPN Access to an Enterprise Network | Revised to S1-181624 | Revision of S1-181241. | |
| Cont | [S1-181624](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181624.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation from an MPS subscribed UE for VPN Access to an Enterprise Network | Revised to S1-181723 | *Revision of S1-181241.*  Revision of S1-181401. | |
| Cont | [S1-181723](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181723.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation from an MPS subscribed UE for VPN Access to an Enterprise Network | Agreed | *Revision of S1-181241.*  *Revision of S1-181401.*  Revision of S1-181624.  No presentation | |
| Cont | [S1-181242](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181242.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation by Authorized Enterprise Network | Revised to S1-181402 |  | |
| Cont | [S1-181402](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181402.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation by Authorized Enterprise Network | Revised to S1-181625 | Revision of S1-181242. | |
| Cont | [S1-181625](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181625.zip) | Vencore Labs, OEC, AT&T, Sprint | | DTS Invocation by Authorized Enterprise Network | Agreed | *Revision of S1-181242.*  Revision of S1-181402. | |
| FS\_MPS2 output | | | | | | | |
| TR | [S1-181297](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181297.zip) | Rapporteur (Vencore Labs) | | TR22.854v0.3.0 to include agreements at this meeting | Agreed |  | |
| FS\_V2XIMP: Study on Improvement of V2X Service Handling [SP-180247] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR 22.886v15.1.0  Target completion date: SA#80 (06/2018)  Percentage completion: 0%  NOTE : proposed updates of TR22.886 need to use the CR format, as TR22.886 is an approved TR | | | | | | | |
| Cont | [S1-181205](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181205.zip) | Qualcomm Incorporated | | FS\_V2XIMP: Discussion on predictive QoS and Level of Automation changes | Revised to S1-181520 |  | |
| Cont | [S1-181520](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181520.zip) | Qualcomm Incorporated | | FS\_V2XIMP: Discussion on predictive QoS and Level of Automation changes | Noted | Revision of S1-181205. | |
| CR | [S1-181078](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181078.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Assistance to Remote Driving Application | Revised to S1-181521 | WI code FS\_V2XIMP Rel-16 CR 0016 R- Cat B | |
| CR | [S1-181521](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181521.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Assistance to Remote Driving Application | Revised to S1-181724 | *WI code FS\_V2XIMP Rel-16 CR 0016 R- Cat B*  Revision of S1-181078. | |
| CR | [S1-181724](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181724.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Assistance to Remote Driving Application | Agreed | *WI code FS\_V2XIMP Rel-16 CR 0016 R- Cat B*  *Revision of S1-181078.*  Revision of S1-181521.  Guaranteed -> reliable  V2x service -> V2x application  Fix all changes on changes  Update cover page  No presentation | |
| CR | [S1-181079](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181079.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of configuration of Platooning Application | Revised to S1-181523 | WI code FS\_V2XIMP Rel-16 CR 0017 R- Cat B | |
| CR | [S1-181523](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181523.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of configuration of Platooning Application | Revised to S1-181727 | *WI code FS\_V2XIMP Rel-16 CR 0017 R- Cat B*  Revision of S1-181079. | |
| CR | [S1-181727](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181727.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of configuration of Platooning Application | Agreed | *WI code FS\_V2XIMP Rel-16 CR 0017 R- Cat B*  *Revision of S1-181079.*  Revision of S1-181523.  Information->prediction  V2x service -> v2x applicatin  Fix changes on changes, update cover  No presentation | |
| CR | [S1-181080](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181080.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Revised to S1-181397 | WI code FS\_V2XIMP Rel-16 CR 0018 R- Cat B | |
| CR | [S1-181397](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181397.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Revised to S1-181524 | *WI code FS\_V2XIMP Rel-16 CR 0018 R- Cat B*  Revision of S1-181080. | |
| CR | [S1-181524](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181524.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Revised to S1-181728 | *WI code FS\_V2XIMP Rel-16 CR 0018 R- Cat B*  *Revision of S1-181080.*  Revision of S1-181397. | |
| CR | [S1-181728](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181728.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Agreed | *WI code FS\_V2XIMP Rel-16 CR 0018 R- Cat B*  *Revision of S1-181080.*  *Revision of S1-181397.*  Revision of S1-181524. | |
| CR | [S1-181081](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181081.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Revised to S1-181398 | WI code FS\_V2XIMP Rel-16 CR 0019 R- Cat B | |
| CR | [S1-181398](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181398.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Revised to S1-181526 | *WI code FS\_V2XIMP Rel-16 CR 0019 R- Cat B*  Revision of S1-181081. | |
| CR | [S1-181526](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181526.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Revised to S1-181729 | *WI code FS\_V2XIMP Rel-16 CR 0019 R- Cat B*  *Revision of S1-181081.*  Revision of S1-181398. | |
| CR | [S1-181729](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181729.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – General Aspect | Agreed | *WI code FS\_V2XIMP Rel-16 CR 0019 R- Cat B*  *Revision of S1-181081.*  *Revision of S1-181398.*  Revision of S1-181526.  V2X service -> V2X application  Fix changes on changes  No presentation | |
| CR | [S1-181082](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181082.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – other aspect | Revised to S1-181399 | WI code FS\_V2XIMP Rel-16 CR 0020 R- Cat B | |
| CR | [S1-181399](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181399.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – other aspect | Revised to S1-181527 | *WI code FS\_V2XIMP Rel-16 CR 0020 R- Cat B*  Revision of S1-181082. | |
| CR | [S1-181527](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181527.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – other aspect | Revised to S1-181730 | *WI code FS\_V2XIMP Rel-16 CR 0020 R- Cat B*  *Revision of S1-181082.*  Revision of S1-181399. | |
| CR | [S1-181730](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181730.zip) | LG Electronics | | CR22.886v15.1.0: New Use Case: Adjustment of Automated Driving – other aspect | Agreed | *WI code FS\_V2XIMP Rel-16 CR 0020 R- Cat B*  *Revision of S1-181082.*  *Revision of S1-181399.*  Revision of S1-181527.  V2X service -> V2X application  Fix changes on changes  No presentation | |
| CR | [S1-181083](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181083.zip) | Huawei | | CR22.886v15.1.0: Notification of QoS Change for Remote Driving Application | Revised to S1-181328 | WI code FS\_V2XIMP Rel-16 CR 0021 R- Cat B | |
| CR | [S1-181328](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181328.zip) | Huawei | | CR22.886v15.1.0: Notification of QoS Change for Remote Driving Application | Revised to S1-181522 | *WI code FS\_V2XIMP Rel-16 CR 0021 R- Cat B*  Revision of S1-181083. | |
| CR | [S1-181522](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181522.zip) | Huawei | | CR22.886v15.1.0: Notification of QoS Change for Remote Driving Application | Revised to S1-181535 | *WI code FS\_V2XIMP Rel-16 CR 0021 R- Cat B*  *Revision of S1-181083.*  Revision of S1-181328. | |
| CR | [S1-181535](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181535.zip) | Huawei | | CR22.886v15.1.0: Notification of QoS Change for Remote Driving Application | Revised to S1-181731 | *WI code FS\_V2XIMP Rel-16 CR 0021 R- Cat B*  *Revision of S1-181083.*  *Revision of S1-181328.*  Revision of S1-181522. | |
| CR | [S1-181731](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181731.zip) | Huawei | | CR22.886v15.1.0: Notification of QoS Change for Remote Driving Application | Agreed | *WI code FS\_V2XIMP Rel-16 CR 0021 R- Cat B*  *Revision of S1-181083.*  *Revision of S1-181328.*  *Revision of S1-181522.*  Revision of S1-181535.  Fix changes on changed plus editorial correction  No presentation | |
| V2XIMP+ID\_UAS drafting session information (7+10=17) | | | | | | | |
| AGE | [S1-181300](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181300.zip) | Rapporteur / Session Chair | | V2XIMP+ID\_UAS drafting agenda | Agreed |  | |
| REP | [S1-181301](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181301.zip) | Rapporteur / Session Chair | | V2XIMP+ID\_UAS drafting report | Agreed |  | |
| FS\_ID\_UAS: Study on Remote Identification of Unmanned Aerial Systems [SP-180172] | | | | | | | |
| **Work status prior to this meeting:**  Latest version:  Target completion date: SA#81 (09/2018)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-181193](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181193.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Skeleton for TR 22.8de | Agreed |  | |
| Cont | [S1-181194](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181194.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Scope | Agreed |  | |
| Cont | [S1-181195](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181195.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Definitions, symbols and abbreviations clause | Revised to S1-181528 |  | |
| Cont | [S1-181528](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181528.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Definitions, symbols and abbreviations clause | Agreed | Revision of S1-181195. | |
| Cont | [S1-181196](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181196.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Introduction | Revised to S1-181540 |  | |
| Cont | [S1-181540](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181540.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Introduction | Revised to S1-181529 | Revision of S1-181196. | |
| Cont | [S1-181529](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181529.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Introduction | Agreed | *Revision of S1-181196.*  Revision of S1-181540. | |
| Cont | [S1-181197](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181197.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for Initial authorisation to operate conducted by MNO | Revised to S1-181541 |  | |
| Cont | [S1-181541](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181541.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for Initial authorisation to operate conducted by MNO | Revised to S1-181530 | Revision of S1-181197. | |
| Cont | [S1-181530](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181530.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for Initial authorisation to operate conducted by MNO | Revised to S1-181732 | *Revision of S1-181197.*  Revision of S1-181541. | |
| Cont | [S1-181732](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181732.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for Initial authorisation to operate conducted by MNO | Revised to S1-181749 | *Revision of S1-181197.*  *Revision of S1-181541.*  Revision of S1-181530. | |
| Cont | [S1-181749](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181749.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for Initial authorisation to operate conducted by MNO | Agreed | *Revision of S1-181197.*  *Revision of S1-181541.*  *Revision of S1-181530.*  Revision of S1-181732.  No presentation | |
| Cont | [S1-181198](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181198.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on Live data acquisition via MNO by Unmanned Aerial Collision Avoidance System (UCAS) | Revised to S1-181542 |  | |
| Cont | [S1-181542](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181542.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on Live data acquisition via MNO by Unmanned Aerial Collision Avoidance System (UCAS) | Revised to S1-181533 | Revision of S1-181198. | |
| Cont | [S1-181533](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181533.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on Live data acquisition via MNO by Unmanned Aerial Collision Avoidance System (UCAS) | Revised to S1-181733 | *Revision of S1-181198.*  Revision of S1-181542. | |
| Cont | [S1-181733](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181733.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on Live data acquisition via MNO by Unmanned Aerial Collision Avoidance System (UCAS) | Agreed | *Revision of S1-181198.*  *Revision of S1-181542.*  Revision of S1-181533.  UTM in figure  No presentation | |
| Cont | [S1-181199](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181199.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for data acquisition via MNO by law enforcement | Revised to S1-181543 |  | |
| Cont | [S1-181543](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181543.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for data acquisition via MNO by law enforcement | Revised to S1-181532 | Revision of S1-181199. | |
| Cont | [S1-181532](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181532.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for data acquisition via MNO by law enforcement | Revised to S1-181734 | *Revision of S1-181199.*  Revision of S1-181543. | |
| Cont | [S1-181734](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181734.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case for data acquisition via MNO by law enforcement | Agreed | *Revision of S1-181199.*  *Revision of S1-181543.*  Revision of S1-181532.  Fix UTM in figure and remaining mentioning of Law Enforcement  Ad location to query information  No presentation | |
| Cont | [S1-181200](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181200.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on enforcement of no-fly zones | Revised to S1-181544 |  | |
| Cont | [S1-181544](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181544.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on enforcement of no-fly zones | Revised to S1-181534 | Revision of S1-181200. | |
| Cont | [S1-181534](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181534.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on enforcement of no-fly zones | Revised to S1-181736 | *Revision of S1-181200.*  Revision of S1-181544. | |
| Cont | [S1-181736](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181736.zip) | Qualcomm Incorporated | | FS\_ID\_UAS: Use case on enforcement of no-fly zones | Agreed | *Revision of S1-181200.*  *Revision of S1-181544.*  Revision of S1-181534.  Fix UTM in figure  No presentation | |
| Cont | [S1-181201](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181201.zip) | Qualcomm Incorporated | | Privacy for UAS service | Revised to S1-181545 |  | |
| Cont | [S1-181545](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181545.zip) | Qualcomm Incorporated | | Privacy for UAS service | Revised to S1-181531 | Revision of S1-181201. | |
| Cont | [S1-181531](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181531.zip) | Qualcomm Incorporated | | Privacy for UAS service | Agreed | *Revision of S1-181201.*  Revision of S1-181545. | |
| Cont | [S1-181202](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181202.zip) | Qualcomm Incorporated | | Lawful intercept for UAS service | Agreed |  | |
| FS\_ID\_UAS output | | | | | | | |
| TR | [S1-181302](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181302.zip) | Rapporteur (Qualcomm) | | TR22.abcv0.1.0 to include agreements at this meeting | Agreed | No presentation | |
| Maintenance CRs related to completed Rel-16 Studies | | | | | | | |
| CR | [S1-181089](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181089.zip) | Huawei, China Mobile | | CR22.823v2.0.0: Services using AI (instant translation) in real time communication | Moved to 6.2 | WI code FS\_enIMS Rel-16 CR 0001 R- Cat B.  Version 16.0.0 is latest version | |
| CR | [S1-181209](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181209.zip) | Qualcomm Incorporated | | CR22.821v16.0.0: Section 4.1 of 5GLAN TR22.821 | Revised to S1-181567 | Moved from 7.3  WI code FS\_5GLAN Rel-16 CR 0002 R- Cat D | |
| CR | [S1-181567](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181567.zip) | Qualcomm Incorporated | | CR22.821v16.0.0: Section 4.1 of 5GLAN TR22.821 | Agreed | *Moved from 7.3*  *WI code FS\_5GLAN Rel-16 CR 0002 R- Cat D*  Revision of S1-181209.  No presentation | |
| 1. **Other technical contributions** | | | | | | | |
| 1. **Work planning contributions** | | | | | | | |
| * 1. **Work Plan** | | | | | | | |
| WP | [S1-181006](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181006.zip) | MCC | | Extract of the 3GPP Work Plan for SA1#82 | Noted |  | |
| * 1. **Work Item/Study Item status update** | | | | | | | |
| REP | [S1-181303](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181303.zip) | Nokia | | MONASTERY2 – Status Report | Noted |  | |
| REP | [S1-181304](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181304.zip) | Nokia | | FS\_FRMCS2 – Status Report | Noted |  | |
| REP | [S1-181305](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181305.zip) | SyncTechno | | FS\_MARCOM – Status Report | Noted |  | |
| REP | [S1-181306](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181306.zip) | China Telecom | | eLESTR – Status Report | Noted |  | |
| REP | [S1-181307](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181307.zip) | Siemens | | FS\_CAV – Status Report | Noted |  | |
| REP | [S1-181308](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181308.zip) | Qualcomm | | FS\_5GLAN – Status Report | Withdrawn |  | |
| REP | [S1-181309](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181309.zip) | ESA | | FS\_5G\_HYPOS – Status Report | Noted |  | |
| REP | [S1-181310](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181310.zip) | China Mobile | | FS\_enIMS – Status Report | Noted |  | |
| REP | [S1-181311](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181311.zip) | Thales | | FS\_5GSAT – Status Report | Noted |  | |
| REP | [S1-181312](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181312.zip) | China Mobile | | FS\_5GMSG – Status Report | Noted |  | |
| REP | [S1-181313](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\Docs\S1-181313.zip) | Nokia | | FS\_BMNS – Status Report | Noted |  | |
| REP | [S1-181314](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181314.zip) | Deutsche Telekom | | FS\_LUCIA – Status Report | Noted |  | |
| REP | [S1-181315](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181315.zip) | Vencore Labs | | FS\_MPS2 – Status Report | Noted |  | |
| REP | [S1-181316](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181316.zip) | Vodafone | | SMARTER Phase2 – Status Report | Revised to S1-181752 |  | |
| REP | [S1-181752](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181752.zip) | Vodafone | | SMARTER Phase2 – Status Report | Noted | Completion to 10%  Revision of S1-181316. | |
| REP | [S1-181317](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181317.zip) | LG | | FS\_V2XIMP – Status Report | Noted |  | |
| REP | [S1-181318](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181318.zip) | Qualcomm | | FS\_ID\_UAS – Status Report | Noted |  | |
| REP | [S1-181319](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181319.zip) | Huawei | | QoS\_MON – Status Report | Noted |  | |
| REP | [S1-181320](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181320.zip) | China Mobile | | enIMS – Status Report | Noted |  | |
| REP | [S1-181568](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181568.zip) | EBU | | FS\_AVPROD – Status Report | Noted |  | |
| REP | [S1-181660](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181660.zip) | OPPO | | MOBRT – Status Report | Noted |  | |
| REP | [S1-181661](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181661.zip) | OPPO | | FS\_NCIS – Status Report | Noted |  | |
| REP | [S1-181662](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181662.zip) | KPN | | 5GLAN – Status Report | Noted |  | |
| REP | [S1-181666](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181666.zip) | Ericsson | | MUD – Status Report | Noted |  | |
| REP | [S1-181670](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181670.zip) | KDDI | | PDBDT – Status Report | Noted |  | |
| REP | [S1-181688](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181688.zip) | Deutsche Telekom | | UIA – Status Report | Noted |  | |
| REP | [S1-181692](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181692.zip) | Sync Techno | | MARCOM – Status Report | Noted |  | |
| REP | [S1-181718](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181718.zip) | Thales | | 5GSAT – Status Report | Noted |  | |
| REP | [S1-181726](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181726.zip) | ESA | | 5G\_HYPOS – Status Report | Noted |  | |
| REP | [S1-181745](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Dubrovnik%202018\docs\S1-181745.zip) | Siemens | | cyberCAV – Status Report | Noted |  | |
| * 1. **SA1 process improvements/updates** | | | | | | | |
| * 1. **Other non-technical contributions** | | | | | | | |
| 1. **Next meetings** | | | | | | | |
| * 1. **Calendar** | | | | | | | |
| **2018 meetings:**  SA1#82 07-11 May 2018 Dubrovnik, Europe  SA1#83 20-24 August 2018 West Palm Beach, US  SA1#84 12-16 Nov 2018 TBD, US  **2019 meetings:**  SA1#85 18 -22 Feb 2019 Tallinn, Europe  SA1#86 06-10 May 2019 TBD, China  SA1#87 19-23 August 2019 Sophia Antipolis, Europe  SA1#88 18-22 Nov 2019 TBD, US | | | | | | | |
| 1. **Any other business** | | | | | | | |
| 1. **Close** | | | | | | | |
| Close by 16:00 on Friday 11 May 2018 | | | | | | | |