3GPP TSG-SA WG1 Meeting #84 S1-183002

Spokane, USA, 12 - 16 November 2018

Title: Final Agenda for SA1#84

Ag. Item: 1.1

Source: SA1 Chairman

Contact: Toon Norp

Submission Guidelines

* **Submission deadlines:**
  + **Tdoc number** and **CR number** requests: **Friday,** 2 November 2018, 23:00 UTC
  + Document **submission**: **Friday**, 2 November 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#84)
* Please use the document templates available at <http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_84_Spokane/templates/>
* For CRs:
  + **TEI16 CRs will only be accepted if there is no impact to Stage 2 or Stage 3 or for alignment purposes**
  + **CRs** **MUST have a CR number** allocated by the secretary BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (i.e. Rel-14 CR with Rel-13 WI is not permitted)
  + Work Item Codes for the CRs are available at <http://www.3gpp.org/ftp/Specs/html-info/FeatureListFrameSet.htm>
  + SA1-specific WI codes are available at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm>

**MEETING ROOMS:**

Room A: Plenary/Drafting Convention Center Meeting Space 402AB

Room B: Breakout Convention Center Meeting Space 301

These meeting rooms are located in the convention center in the section closest to the DoubleTree Hotel

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|  |  | **Monday** | **Tuesday** | **Wednesday** |  | **Thursday** | **Friday** |
| **Q0** | **08:00**  **09:00** |  | **Drafting 1 (Rm A):**  Session A  =================  **Drafting 2 (Rm B):**  Session F | **Drafting 1 (Rm A):**  Session C  =================  **Drafting 2 (Rm B):**  Session E | **08:00**  **09:00** | **Plenary:**  LSs |  |
| **Q1** | **09:00**  **10:30** | (start at 09:00)  Plenary:  1. Opening  2. Reports  3. LSs | **Drafting 1 (Rm A):**  Session A  =================  **Drafting 2 (Rm B):**  Session F | **Drafting 1 (Rm A):**  Session C  =================  **Drafting 2 (Rm B):**  Session E | **09:00**  **10:30** | **Plenary:**  WIDs  QoSImp  Rel-15 / Rel-16  SMARTER\_Ph2  enIMS | **Plenary:**  Revisions |
|  | **Coffee** |  |  |  | **Coffee** |  |  |
| **Q2** | **11:00**  **12:30** | **Plenary:**  3. LSs  4. New WIDs  5. Quality improvement | **Drafting 1 (Rm A):**  Session A  =================  **Drafting 2 (Rm B):**  Session F | **Drafting 1 (Rm A):**  Session C  =================  **Drafting 2 (Rm B):**  Session E | **11:00**  **12:30** | **Plenary:**  QoSMON  MARCOM  Report A  Report B | **Plenary:**  Revisions |
|  | **Lunch** |  | **Drafting on V2XIMP** |  | **Lunch** |  |  |
| **Q3** | **14:00**  **15:30** | **Plenary:**  5. Quality improvement  6. Rel-15 and earlier | **Drafting 1 (Rm A):**  Session B  =================  **Drafting 2 (Rm B):**  Session D | **Drafting 1 (Rm A):**  Session C  =================  **Drafting 2 (Rm B):**  Session F | **14:00**  **15:30** | **Plenary:**  Report C  Report D | **Plenary:**  Revisions  Work item reports  Meeting closes at 16:00 latest |
|  | **Coffee** |  |  |  | **Coffee** |  |  |
| **Q4** | **16:00**  **18:00** | **Plenary:**  6. Rel-15 and earlier  7.1 TEI16  7.3 SMARTER\_Ph2 | **Drafting 1 (Rm A):**  Session B  =================  **Drafting 2 (Rm B):**  Session D | **Drafting 1 (Rm A)**  Session A  =================  **Drafting 2 (Rm B):**  Session D | **16:00**  **18:00** | **Plenary:**  Report D  Report E |  |
|  |  |  |  |  |  |  |  |
| **Q5** | **18:10**  **19:30** | **Plenary:**  7.4 enIMS 7.5 QoS\_MON  7.6 MARCOM  7.8 5GSAT | **MMS** | **Drafting 1 (Rm A):**  Session B  =================  **Drafting 2 (Rm B):**  Session E | **18:10**  **19:30** | **Plenary:**  Report F  5GSAT |  |

**NOTE:**

**Slots scheduled based on contributions submitted**

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

**Drafting sessions:**

Session A: cyberCAV *+* FS\_CAV (8.1) *– chaired by Ki-Dong Lee*

Session B: 5G\_HYPOS + 5GMSG + BRMNS + FS\_BMNS *– chaired by Greg Schumacher*

Session C: 5GLAN + FS\_REFER + FS\_ATRAC +*– chaired by Ki-Dong Lee*

Session D: MONASTERY2 + FRMCS2 *– chaired by Toon Norp*

Session E: FS\_AVPROD + FS\_NCIS + FS\_CMED *– chaired by Toon Norp*

Session F: ID\_UAS + FS\_MPS2 + FS\_EAV + FS\_V2XIMP *– chaired by Greg Schumacher*

**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

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| --- | --- | --- | --- | --- | --- |
| 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 12 November 2018 | | | | | | | |
| * 1. **Agenda and scheduling** | | | | | | | |
| AGE | [S1-183000](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183000.zip) | SA1 Chairman | | Draft agenda for SA1#84 | Revised to S1-183001 |  | |
| AGE | [S1-183001](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183001.zip) | SA1 Chairman | | 2nd Draft agenda for SA1#84 | Revised to S1-183002 | Revision of S1-183000. | |
| AGE | [S1-183002](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183002.zip) | SA1 Chairman | | Final agenda for SA1#84 | Agreed | *Revision of S1-183000.*  Revision of S1-183001. | |
| 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 recommended 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 | [S1-183004](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183004.zip) | ETSI | | Draft minutes of SA1#83 | Revised to S1-183005 |  | |
| REP | [S1-183005](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183005.zip) | ETSI | | Final minutes of SA1#83 | Agreed | Revision of S1-183004.  No presentation | |
| * 1. **Extract of the 3GPP Work Plan** | | | | | | | |
| Extract of the work plan at the start of the meeting. | | | | | | | |
| WP | [S1-183006](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183006.zip) | MCC | | Extract of the 3GPP Work Plan for SA1#84 | Noted |  | |
| * 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_84_Spokane/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 | [S1-183003](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183003.zip) | SA1 chairman | | SA1-related topics at SA#81 | Revised to S1-183335 |  | |
| REP | [S1-183335](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183335.zip) | SA1 chairman | | SA1-related topics at SA#81 | Noted | Revision of S1-183003. | |
| TR | [S1-183007](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183007.zip) | MCC | | Rel-15 Summary Description TR 21.915 | Noted |  | |
| 1. **Liaison Statements (including related contributions)** | | | | | | | |
| TO | [S1-183622](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183622.zip) | S3-183717 (DoCoMo) | | LS on Authentication of group of IoT devices | Postponed | Late incoming LS | |
| **Access control** | | | | | | | |
| TO | [S1-183273](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183273.zip) | R2-1808898 (SierraWireless) | | LS on Addition of access/load control for CE | Noted | Postponed from SA1#83 | |
| TO | [S1-183255](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183255.zip) | R2-1816068 (Vencore Labs) | | LS to SA1 on RRCReject T302 Timer Exemption for MPS and MCS | Postponed |  | |
| OUT | [S1-183218](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183218.zip) | Vencore Labs | | Reply LS on RRCReject T302 Timer Exemption for MPS and MCS | Revised to S1-183337 | Response to R2-1816068 | |
| OUT | [S1-183337](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183337.zip) | Vencore Labs | | Reply LS on RRCReject T302 Timer Exemption for MPS and MCS | Revised to S1-183683 | *Response to R2-1816068*  Revision of S1-183218. | |
| OUT | [S1-183683](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183683.zip) | Vencore Labs | | Reply LS on RRCReject T302 Timer Exemption for MPS and MCS | Revised to S1-183684 | *Response to R2-1816068*  *Revision of S1-183218.*  Revision of S1-183337. | |
| OUT | [S1-183684](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183684.zip) | Vencore Labs | | Reply LS on RRCReject T302 Timer Exemption for MPS and MCS | Noted | *Response to R2-1816068*  *Revision of S1-183218.*  *Revision of S1-183337.*  Revision of S1-183683. | |
| TO | [S1-183248](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183248.zip) | C1-185602 (Huawei) | | LS on unified access control in RRC\_Inactive | Noted |  | |
| Cont | [S1-183229](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183229.zip) | Qualcomm Incorporated, Nokia, Nokia Shanghai Bell | | Unified Access Control in RRC\_Inactive | Noted |  | |
| OUT | [S1-183230](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183230.zip) | Qualcomm | | Reply LS on unified access control in RRC\_Inactive | Revised to S1-183339 | Response to C1-185602 | |
| OUT | [S1-183339](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183339.zip) | Qualcomm | | Reply LS on unified access control in RRC\_Inactive | Revised to S1-183623 | *Response to C1-185602*  Revision of S1-183230. | |
| OUT | [S1-183623](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183623.zip) | Qualcomm | | Reply LS on unified access control in RRC\_Inactive | Agreed | *Response to C1-185602*  *Revision of S1-183230.*  Revision of S1-183339.  To remove DRAFT  No presentation | |
| **Localization** | | | | | | | |
| TO | [S1-183274](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183274.zip) | S2-185792 (Ericsson) | | LS OUT on Location Service exposure to NG-RAN | Noted | Postponed from SA1#83 | |
| CC | [S1-183251](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183251.zip) | R2-1813425 (Huawei) | | Reply LS on Location Service exposure to NG-RAN | Noted |  | |
| OUT | [S1-183340](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183340.zip) | Ericsson | | Reply LS on Location Service exposure to NG-RAN | Agreed | *Response to* S2-185792 | |
| **Emergency calls** | | | | | | | |
| TO | [S1-183253](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183253.zip) | R2-1816007 (Intel) | | LS on the need of paging reception for the call-back when a UE is in limited service state | Noted |  | |
| TO | [S1-183259](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183259.zip) | S2-1811544 (Intel) | | Reply LS on the need of paging reception for the call-back when a UE is in limited service state | Noted |  | |
| OUT | [S1-183138](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183138.zip) | Intel | | Draft Reply LS on the need of paging reception for the call-back when a UE is in limited service state | Revised to S1-183341 | Response to R2-1816007 | |
| OUT | [S1-183341](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183341.zip) | Intel | | Draft Reply LS on the need of paging reception for the call-back when a UE is in limited service state | Agreed | *Response to R2-1816007*  Revision of S1-183138. | |
| CR | [S1-183139](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183139.zip) | Intel | | CR22.101v15.6.0 Clarification of emergency call-back for a UE in limited state | Noted | WI code TEI15 Rel-16 CR0555R- Cat F  TEI15 implies Rel-15 | |
| **Maritime** | | | | | | | |
| TO | [S1-183187](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183187.zip) | IALA ENAV22 | | Reply to LS on the information of the 3GPP standardization applicable to  maritime usage and the request of the additional maritime related  information | Noted |  | |
| **Time-sensitive networking** | | | | | | | |
| TO | [S1-183254](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183254.zip) | R2-1816043 (Nokia) | | LS on TSN requirements evaluation | Noted |  | |
| TO | [S1-183256](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183256.zip) | S2-189051 (Qualcomm) | | LS on TSN integration in the 5G System | Noted |  | |
| OUT | [S1-183231](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183231.zip) | Qualcomm | | Reply LS on TSN requirements evaluation | Revised to S1-183342 | Response to R2-1816043 | |
| OUT | [S1-183342](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183342.zip) | Qualcomm | | Reply LS on TSN requirements evaluation | Revised to S1-183624 | *Response to R2-1816043*  Revision of S1-183231. | |
| OUT | [S1-183624](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183624.zip) | Qualcomm | | Reply LS on TSN requirements evaluation | Revised to S1-183707 | *Response to R2-1816043*  *Revision of S1-183231.*  Revision of S1-183342.  No presentation | |
| OUT | [S1-183707](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183707.zip) | Qualcomm | | Reply LS on TSN requirements evaluation | Agreed | *Response to R2-1816043*  *Revision of S1-183231.*  *Revision of S1-183342.*  *No presentation*  Revision of S1-183624.  No presentation | |
| **Extended reality** | | | | | | | |
| TO | [S1-183261](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183261.zip) | S4-181154 (Qualcomm) | | LS on Extended Reality over 5G | Noted |  | |
| OUT | [S1-183244](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183244.zip) | Qualcomm | | Reply LS on Extended Reality over 5G | Revised to S1-183349 | Response to S4-181154 | |
| OUT | [S1-183349](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183349.zip) | Qualcomm | | Reply LS on Extended Reality over 5G | Revised to S1-183711 | *Response to S4-181154*  Revision of S1-183244. | |
| OUT | [S1-183711](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183711.zip) | Qualcomm | | Reply LS on Extended Reality over 5G | Agreed | *Response to S4-181154*  *Revision of S1-183244.*  Revision of S1-183349.  No presentation | |
| **V2X** | | | | | | | |
| TO | [S1-183257](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183257.zip) | S2-1810867 (Qualcomm) | | Reply LS on Requirements to enable Predictive QoS for Automotive industry | Noted |  | |
| OUT | [S1-183705](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183705.zip) | Qualcomm | | [DRAFT] Reply LS on Requirements to enable Predictive QoS for Automotive industry | Revised to S1-183713 |  | |
| OUT | [S1-183713](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183713.zip) | Qualcomm | | [DRAFT] Reply LS on Requirements to enable Predictive QoS for Automotive industry | Agreed | Revision of S1-183705.  No presentation | |
| CC | [S1-183250](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183250.zip) | ETSI TC ITS ITS(18)032030r1 | | LS to 3GPP TSG-SA WG6 on Use of ITS Dedicated Spectrum within V2X UE | Noted |  | |
| **Multi-identity** | | | | | | | |
| TO | [S1-183262](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183262.zip) | S5-186289 (Ericsson) | | Reply LS from SA5 to SA1 on Multi-identity and multi-device requirements | Noted |  | |
| **Slicing** | | | | | | | |
| TO | [S1-183264](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183264.zip) | S5-186321 (Orange) | | LS to SA1 on business roles for 5G networks and network slicing management | Noted |  | |
| OUT | [S1-183212](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183212.zip) | Orange | | [DRAFT] Reply LS on business roles for 5G networks and network slicing management | Noted | Moved from 7.14 | |
| **Other** | | | | | | | |
| CC | [S1-183247](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183247.zip) | GSMA 5GSI#04 Doc 003 (Sprint) | | LS to 3GPP RAN and 3GPP SA on 5G Indicator Requirements | Noted |  | |
| CC | [S1-183252](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183252.zip) | R2-1813465 (Ericsson) | | LS on establishment causes | Noted |  | |
| CC | [S1-183249](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183249.zip) | C1-186967 (Ericsson) | | Reply LS on establishment causes | Noted |  | |
| CC | [S1-183258](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183258.zip) | S2-1811520 (Ericsson) | | Reply to LS on Slice based Wait timer in NR RRC release | Noted |  | |
| CC | [S1-183260](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183260.zip) | S2-1811546 (Ericsson) | | Reply LS on the applicability of service area restriction and NSSAIs to EPLMNs | Noted |  | |
| CC | [S1-183263](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183263.zip) | S5-186320 (Orange) | | LS reply to ITU-T SG13 on draft Recommendation Y.3103 | Noted |  | |
| CC | [S1-183265](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183265.zip) | S5-186365 (Ericsson) | | Reply LS on Publication of new paper on network slicing and future plans | Noted |  | |
| 1. **New Study and Work Items (including related contributions)** | | | | | | | |
| CR | [S1-183010](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183010.zip) | LG Electronics | | CR22.186v16.1.1: Normative Requirements for Improvement of V2X service Handling | Revised to S1-183269 | WI code V2XIMP Rel-16 CR0019R- Cat B | |
| CR | [S1-183269](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183269.zip) | LG Electronics | | CR22.186v16.1.1: Normative Requirements for Improvement of V2X service Handling | Revised to S1-183621 | *WI code V2XIMP Rel-16 CR0019R- Cat B*  Revision of S1-183010. | |
| CR | [S1-183621](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183621.zip) | LG Electronics | | CR22.186v16.1.1: Normative Requirements for Improvement of V2X service Handling | Revised to S1-183627 | *WI code V2XIMP Rel-16 CR0019R- Cat B*  *Revision of S1-183010.*  Revision of S1-183269. | |
| CR | [S1-183627](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183627.zip) | LG Electronics | | CR22.186v16.1.1: Normative Requirements for Improvement of V2X service Handling | Revised to S1-183685 | *WI code V2XIMP Rel-16 CR0019R- Cat B*  *Revision of S1-183010.*  *Revision of S1-183269.*  Revision of S1-183621. | |
| CR | [S1-183685](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183685.zip) | LG Electronics | | CR22.186v16.1.1: Normative Requirements for Improvement of V2X service Handling | Agreed | *WI code V2XIMP Rel-16 CR0019R- Cat B*  *Revision of S1-183010.*  *Revision of S1-183269.*  *Revision of S1-183621.*  Revision of S1-183627.  No presentation | |
| WID | [S1-183011](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183011.zip) | LG Electronics, AT&T, ZTE, LG Uplus, Volkswagen, Deutsche Telekom | | Improvement of V2X Service Handling | Revised to S1-183268 | Remove question marks at list of supporting companies | |
| WID | [S1-183268](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183268.zip) | LG Electronics, AT&T, ZTE, LG Uplus, Volkswagen, Deutsche Telekom | | Improvement of V2X Service Handling | Revised to S1-183350 | *Remove question marks at list of supporting companies*  Revision of S1-183011. | |
| WID | [S1-183350](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183350.zip) | LG Electronics, AT&T, ZTE, LG Uplus, Volkswagen, Deutsche Telekom | | Improvement of V2X Service Handling | Agreed | *Remove question marks at list of supporting companies*  *Revision of S1-183011.*  Revision of S1-183268. | |
| Cont | [S1-183619](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183619.zip) | LG Electronics | | Discussion on V2XIMP | Noted |  | |
| CR | [S1-183620](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183620.zip) | LG Electronics | | CR22.186v16.1.1: Annex Role model for V2XIMP | Revised to S1-183626 | *WI code V2XIMP Rel-16 CR0020R- Cat B* | |
| CR | [S1-183626](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183626.zip) | LG Electronics | | CR22.186v16.1.1: Annex Role model for V2XIMP | Revised to S1-183688 | *WI code V2XIMP Rel-16 CR0020R- Cat B*  Revision of S1-183620.  No presentation | |
| CR | [S1-183688](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183688.zip) | LG Electronics | | CR22.186v16.1.1: Annex Role model for V2XIMP | Agreed | *WI code V2XIMP Rel-16 CR0020R- Cat B*  *Revision of S1-183620.*  *No presentation*  Revision of S1-183626.  No presentation | |
| 1. **Quality improvement contributions**   Quality improvements to requirements in TRs or TSs are encouraged (pCRs or CRs). In order to allow delegates to provide quality improvement contributions for work/study items where they do not want to attend drafting sessions, contributions submitted to this agenda item are handled in plenary. | | | | | | | |
| CR | [S1-183012](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183012.zip) | LG Electronics | | CR22.011v16.3.0: Corrections to automatic and manual PLMN selection procedures – quality control aspects | Revised to S1-183591 | WI code ??? Rel-16 CR0301R- Cat F | |
| CR | [S1-183591](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183591.zip) | LG Electronics | | CR22.011v16.3.0: Corrections to automatic and manual PLMN selection procedures – quality control aspects | Revised to S1-183629 | *WI code ??? Rel-16 CR0301R- Cat F*  Revision of S1-183012. | |
| CR | [S1-183629](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183629.zip) | LG Electronics | | CR22.011v16.3.0: Corrections to automatic and manual PLMN selection procedures – quality control aspects | Revised to S1-183686 | *WI code ??? Rel-16 CR0301R- Cat F*  *Revision of S1-183012.*  Revision of S1-183591. | |
| CR | [S1-183686](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183686.zip) | LG Electronics | | CR22.011v16.3.0: Corrections to automatic and manual PLMN selection procedures – quality control aspects | Revised to S1-183714 | *WI code ??? Rel-16 CR0301R- Cat F*  *Revision of S1-183012.*  *Revision of S1-183591.*  Revision of S1-183629. | |
| CR | [S1-183714](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183714.zip) | LG Electronics | | CR22.011v16.3.0: Corrections to automatic and manual PLMN selection procedures – quality control aspects | Agreed | *WI code ??? Rel-16 CR0301R- Cat F*  *Revision of S1-183012.*  *Revision of S1-183591.*  *Revision of S1-183629.*  Revision of S1-183686.  No presentation | |
| CR | [S1-183013](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183013.zip) | LG Electronics | | CR22.261v16.5.0: Correction to SAT requirements | Revised to S1-183592 | WI code 5GSAT Rel-16 CR0298R- Cat F | |
| CR | [S1-183592](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183592.zip) | LG Electronics | | CR22.261v16.5.0: Correction to SAT requirements | Revised to S1-183628 | *WI code 5GSAT Rel-16 CR0298R- Cat F*  Revision of S1-183013. | |
| CR | [S1-183628](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183628.zip) | LG Electronics | | CR22.261v16.5.0: Correction to SAT requirements | Agreed | *WI code 5GSAT Rel-16 CR0298R- Cat F*  *Revision of S1-183013.*  Revision of S1-183592.  No presentation | |
| CR | [S1-183089](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183089.zip) | LG Electronics Mobile Research | | CR22.261v15.6.0: Removal of mis-aligned descriptions and requirements on ITS | Noted | WI code TEI15 Rel-15 CR0305R- Cat F | |
| CR | [S1-183090](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183090.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Removal of mis-aligned descriptions and requirements on ITS | Noted | WI code TEI15 Rel-16 CR0306R- Cat A | |
| CR | [S1-183092](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183092.zip) | LG Electronics Mobile Research | | CR22.261v15.6.0: Clarification on positioning-related descriptions in 7.3.1 | Revised to S1-183596 | WI code TEI15 Rel-15 CR0307R- Cat F | |
| CR | [S1-183596](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183596.zip) | LG Electronics Mobile Research | | CR22.261v15.6.0: Clarification on positioning-related descriptions in 7.3.1 | Revised to S1-183630 | *WI code TEI15 Rel-15 CR0307R- Cat F*  Revision of S1-183092. | |
| CR | [S1-183630](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183630.zip) | LG Electronics Mobile Research | | CR22.261v15.6.0: Clarification on positioning-related descriptions in 7.3.1 | Agreed | *WI code TEI15 Rel-15 CR0307R- Cat F*  *Revision of S1-183092.*  Revision of S1-183596.  No presentation | |
| CR | [S1-183093](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183093.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Clarification on positioning-related descriptions in 7.3.1 | Revised to S1-183597 | WI code TEI15 Rel-16 CR0308R- Cat A | |
| CR | [S1-183597](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183597.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Clarification on positioning-related descriptions in 7.3.1 | Revised to S1-183662 | *WI code TEI15 Rel-16 CR0308R- Cat A*  Revision of S1-183093. | |
| CR | [S1-183662](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183662.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Clarification on positioning-related descriptions in 7.3.1 | Revised to S1-183687 | *WI code TEI15 Rel-16 CR0308R- Cat A*  *Revision of S1-183093.*  Revision of S1-183597. | |
| CR | [S1-183687](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183687.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Clarification on positioning-related descriptions in 7.3.1 | Agreed | *WI code TEI15 Rel-16 CR0308R- Cat A*  *Revision of S1-183093.*  *Revision of S1-183597.*  Revision of S1-183662. | |
| CR | [S1-183094](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183094.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Termnology correction for positioning-related tables in 7.3.2 | Revised to S1-183598 | WI code 5G\_HYPOS Rel-16 CR0309R- Cat F | |
| CR | [S1-183598](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183598.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Termnology correction for positioning-related tables in 7.3.2 | Revised to S1-183631 | *WI code 5G\_HYPOS Rel-16 CR0309R- Cat F*  Revision of S1-183094. | |
| CR | [S1-183631](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183631.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Termnology correction for positioning-related tables in 7.3.2 | Agreed | *WI code 5G\_HYPOS Rel-16 CR0309R- Cat F*  *Revision of S1-183094.*  Revision of S1-183598.  No presentation | |
| 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 is now frozen, alignment CRs are appreciated. | | | | | | | |
| Cont | [S1-183158](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183158.zip) | Vodafone | | Release 15 alignment for SMARTER | Noted |  | |
| CR | [S1-183599](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183599.zip) | Vodafone | | CR22.261v15.6.0: Alignment of multi-network connectivity | Agreed | WI code SMARTER Rel-15 CR0347R- Cat F | |
| CR | [S1-183036](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183036.zip) | Orange | | CR22.261v15.6.0: Alignment of Markets requiring minimal service levels requirement | Revised to S1-183600 | WI code SMARTER Rel-15 CR0301R- Cat F  Clauses affected 6.16.1, 6.16.2 | |
| CR | [S1-183600](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183600.zip) | Orange | | CR22.261v15.6.0: Alignment of Markets requiring minimal service levels requirement | Agreed | *WI code SMARTER Rel-15 CR0301R- Cat F*  *Clauses affected 6.16.1, 6.16.2*  Revision of S1-183036.  No presentation | |
| CR | [S1-183037](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183037.zip) | Orange | | CR22.261v15.6.0: Alignment of Extreme long range coverage in low density areas requirement | Revised to S1-183601 | WI code SMARTER Rel-15 CR0302R- Cat F  Clauses affected 6.17.1, 6.17.2 | |
| CR | [S1-183601](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183601.zip) | Orange | | CR22.261v15.6.0: Alignment of Extreme long range coverage in low density areas requirement | Agreed | *WI code SMARTER Rel-15 CR0302R- Cat F*  *Clauses affected 6.17.1, 6.17.2*  Revision of S1-183037.  No presentation | |
| CR | [S1-183142](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183142.zip) | Intel | | CR22.261v15.6.0: Alignment of service requirements for Satellite access and Fixed broadband access | Revised to S1-183602 | WI code SMARTER Rel-15 CR0321R- Cat F  Clauses affected 6.3.1, 6.3.2.1, 6.3.2.3, 6.3.2.4 | |
| CR | [S1-183602](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183602.zip) | Intel | | CR22.261v15.6.0: Alignment of service requirements for Satellite access and Fixed broadband access | Agreed | *WI code SMARTER Rel-15 CR0321R- Cat F*  *Clauses affected 6.3.1, 6.3.2.1, 6.3.2.3, 6.3.2.4*  Revision of S1-183142.  No presentation | |
| CR | [S1-183171](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183171.zip) | KPN | | CR22.261v15.6.0: Release 15 alignment of multiple access requirements | Noted | WI code SMARTER Rel-15 CR0332R- Cat F | |
| CR | [S1-183143](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183143.zip) | Intel | | CR22.261v15.6.0: Service requirements for Network Capability Exposure | Revised to S1-183603 | WI code SMARTER Rel-15 CR0322R- Cat F  Clauses affected 6.10.1, 6.10.2 | |
| CR | [S1-183603](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183603.zip) | Intel | | CR22.261v15.6.0: Service requirements for Network Capability Exposure | Agreed | *WI code SMARTER Rel-15 CR0322R- Cat F*  *Clauses affected 6.10.1, 6.10.2*  Revision of S1-183143. | |
| CR | [S1-183144](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183144.zip) | Intel | | CR22.261v15.6.0: Service requirements for flexible broadcast/multicast | Revised to S1-183604 | WI code SMARTER Rel-15 CR0323R- Cat F  Clauses affected 6.13.2 | |
| CR | [S1-183604](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183604.zip) | Intel | | CR22.261v15.6.0: Service requirements for flexible broadcast/multicast | Agreed | *WI code SMARTER Rel-15 CR0323R- Cat F*  *Clauses affected 6.13.2*  Revision of S1-183144.  No presentation | |
| CR | [S1-183245](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183245.zip) | Qualcomm Incorporated | | CR22.261v15.6.0: Alignment - Removing Integrated Access Backhaul from 5GS in Release 15 | Revised to S1-183605 | WI code SMARTER Rel-15 CR0346R- Cat F  Clauses affected 6.12. Only clause 6.12 needs to be voided, the subclauses can be deleted. | |
| CR | [S1-183605](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183605.zip) | Qualcomm Incorporated | | CR22.261v15.6.0: Alignment - Removing Integrated Access Backhaul from 5GS in Release 15 | Agreed | *WI code SMARTER Rel-15 CR0346R- Cat F*  *Clauses affected 6.12. Only clause 6.12 needs to be voided, the subclauses can be deleted.*  Revision of S1-183245.  No presentation | |
| Rel-15 correction and clarification CRs (other than alignment) | | | | | | | |
| CR | [S1-183015](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183015.zip) | LG Electronics | | CR22.101v15.5.0: Correction to Emergency Number Handling | Revised to S1-183606 | WI code TEI15 Rel-15 CR0553R- Cat F | |
| CR | [S1-183606](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183606.zip) | LG Electronics | | CR22.101v15.5.0: Correction to Emergency Number Handling | Noted | *WI code TEI15 Rel-15 CR0553R- Cat F*  Revision of S1-183015. | |
| CR | [S1-183016](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183016.zip) | LG Electronics | | CR22.101v15.5.0: Correction to Emergency Number Handling | Revised to S1-183607 | WI code TEI15 Rel-15 CR0554R- Cat A  TS version should be 16.1.0 | |
| CR | [S1-183607](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183607.zip) | LG Electronics | | CR22.101v15.5.0: Correction to Emergency Number Handling | Noted | *WI code TEI15 Rel-15 CR0554R- Cat A*  *TS version should be 16.1.0*  Revision of S1-183016. | |
| CR | [S1-183117](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183117.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v15.6.0: Editorial correction table 7.2.2-1 | Noted | WI code SMARTER Rel-15 CR0314R- Cat F  Mirror CR is needed. Possibly remove empty pages at the end | |
| CR | [S1-183140](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183140.zip) | Intel | | CR22.173v15.1.0: Clarification for Communication Waiting Service in early call setup state | Noted | WI code TEI15 Rel-15 CR0122R- Cat F  Clauses affected 8.2.8.1 | |
| CR | [S1-183160](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183160.zip) | Vodafone | | CR22.261v15.6.0: Minor correction to URLLC clause | Revised to S1-183608 | WI code cyberCAV Rel-16 CR0328R- Cat D  cyberCAV is Rel-16, WI should be SMARTER. Rel-15. Mirror needed | |
| CR | [S1-183608](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183608.zip) | Vodafone | | CR22.261v15.6.0: Minor correction to URLLC clause | Agreed | *WI code SMARTER Rel-15 CR0328R1 Cat F*  Revision of S1-183160.  No presentation | |
| CR | [S1-183609](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183609.zip) | Vodafone | | CR22.261v16.5.0: Minor correction to URLLC clause | Revised to S1-183691 | *WI code SMARTER Rel-16 CR0348R- Cat A*  No presentation | |
| CR | [S1-183691](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183691.zip) | Vodafone | | CR22.261v16.5.0: Minor correction to URLLC clause | Agreed | *WI code SMARTER Rel-16 CR0348R- Cat A*  *No presentation*  Revision of S1-183609.  No presentation | |
| Rel-14 and earlier CRs | | | | | | | |
| 1. **Rel-16 Work Item contributions** | | | | | | | |
| Rel-16 CRs under TEI16 or for completed work items | | | | | | | |
| CR | [S1-183008](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183008.zip) | UK Home Office | | CR22.280v16.3.0: Requirement to allow for users to automatically be informed when affiliation information changes in a group | Revised to S1-183610 | WI code TEI16 Rel-16 CR0091R- Cat F  MCImp-MCCoRe is not a Rel-16 WID  Accept formatting revision marks | |
| CR | [S1-183610](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183610.zip) | UK Home Office | | CR22.280v16.3.0: Requirement to allow for users to automatically be informed when affiliation information changes in a group | Agreed | *WI code TEI16 Rel-16 CR0091R- Cat F*  *MCImp-MCCoRe is not a Rel-16 WID*  *Accept formatting revision marks*  Revision of S1-183008.  No presentation | |
| CR | [S1-183014](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183014.zip) | LG Electronics | | CR22.011v16.3.0: Correction to Selective Legacy Radio Disabling | Revised to S1-183611 | WI code TEI16 Rel-16 CR0302R- Cat F | |
| CR | [S1-183611](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183611.zip) | LG Electronics | | CR22.011v16.3.0: Correction to Selective Legacy Radio Disabling | Revised to S1-183632 | *WI code TEI16 Rel-16 CR0302R- Cat F*  Revision of S1-183014. | |
| CR | [S1-183632](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183632.zip) | LG Electronics | | CR22.011v16.3.0: Correction to Selective Legacy Radio Disabling | Revised to S1-183689 | *WI code TEI16 Rel-16 CR0302R- Cat F*  *Revision of S1-183014.*  Revision of S1-183611. | |
| CR | [S1-183689](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183689.zip) | LG Electronics | | CR22.011v16.3.0: Correction to Selective Legacy Radio Disabling | Agreed | *WI code TEI16 Rel-16 CR0302R- Cat F*  *Revision of S1-183014.*  *Revision of S1-183611.*  Revision of S1-183632. | |
| MONASTERY2: Mobile Communication System for Railways 2 [SP-170451] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.289v0.2.0  Target completion date: SA#80 (12/2018)  Percentage completion: 75% | | | | | | | |
| CR | [S1-183536](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183024.zip) | Firstnet | | CR22.280v16.3.0: Correction of implementation error on dynamic group participation | Revised to S1-183542 | WI code MONASTERY2 Rel-16 CR0101R- Cat F | |
| CR | [S1-183542](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183542.zip) | Firstnet | | CR22.280v16.3.0: Correction of implementation error on dynamic group participation | Agreed | *WI code MONASTERY2 Rel-16 CR0101R- Cat F*  Revision of S1-183536.  No presentation | |
| CR | [S1-183024](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183024.zip) | Firstnet | | CR22.179v16.3.0: Addition of new Group Call Commencement Modes | Revised to S1-183511 | WI code MONASTERY2 Rel-16 CR0067R- Cat C | |
| CR | [S1-183511](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183511.zip) | Firstnet | | CR22.179v16.3.0: Addition of new Group Call Commencement Modes | Agreed | *WI code MONASTERY2 Rel-16 CR0067R- Cat C*  Revision of S1-183024.  No presentation | |
| CR | [S1-183057](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183057.zip) | Kapsch CarrierCom, Nokia | | CR22.179v16.3.0: Move interworking of functional alias from MCPTT to MCCoRe TS, MCPTT part | Revised to S1-183512 | WI code MONASTERY2 Rel-16 CR0068R- Cat B | |
| CR | [S1-183512](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183512.zip) | Kapsch CarrierCom, Nokia | | CR22.179v16.3.0: Move interworking of functional alias from MCPTT to MCCoRe TS, MCPTT part | Agreed | *WI code MONASTERY2 Rel-16 CR0068R- Cat B*  Revision of S1-183057.  No presentation | |
| CR | [S1-183056](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183056.zip) | Kapsch CarrierCom, Nokia | | CR22.280v16.3.0: Move interworking of functional alias from MCPTT to MCCoRe TS, MCCoRe part | Revised to S1-183513 | WI code MONASTERY2 Rel-16 CR0094R- Cat B | |
| CR | [S1-183513](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183513.zip) | Kapsch CarrierCom, Nokia | | CR22.280v16.3.0: Move interworking of functional alias from MCPTT to MCCoRe TS, MCCoRe part | Agreed | *WI code MONASTERY2 Rel-16 CR0094R- Cat B*  Revision of S1-183056.  No presentation | |
| CR | [S1-183073](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183073.zip) | UIC | | CR22.280v16.3.0: Logging of functional alias(es) | Revised to S1-183514 | WI code MONASTERY2 Rel-16 CR0096R- Cat C | |
| CR | [S1-183514](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183514.zip) | UIC | | CR22.280v16.3.0: Logging of functional alias(es) | Agreed | *WI code MONASTERY2 Rel-16 CR0096R- Cat C*  Revision of S1-183073.  No presentation | |
| CR | [S1-183167](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183167.zip) | UIC | | CR22.280v16.3.0: Update on functional alias | Revised to S1-183515 | WI code MONASTERY2 Rel-16 CR0099R- Cat B | |
| CR | [S1-183515](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183515.zip) | UIC | | CR22.280v16.3.0: Update on functional alias | Revised to S1-183543 | *WI code MONASTERY2 Rel-16 CR0099R- Cat B*  Revision of S1-183167. | |
| CR | [S1-183543](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183543.zip) | UIC | | CR22.280v16.3.0: Update on functional alias | Agreed | *WI code MONASTERY2 Rel-16 CR0099R- Cat B*  *Revision of S1-183167.*  Revision of S1-183515. | |
| CR | [S1-183054](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183054.zip) | Kapsch CarrierCom | | CR22.280v16.3.0: Add conditional media forwarding | Revised to S1-183516 | WI code MONASTERY2 Rel-16 CR0092R- Cat B | |
| CR | [S1-183516](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183516.zip) | Kapsch CarrierCom | | CR22.280v16.3.0: Add conditional media forwarding | Revised to S1-183544 | *WI code MONASTERY2 Rel-16 CR0092R- Cat B*  Revision of S1-183054. | |
| CR | [S1-183544](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183544.zip) | Kapsch CarrierCom | | CR22.280v16.3.0: Add conditional media forwarding | Revised to S1-183650 | *WI code MONASTERY2 Rel-16 CR0092R- Cat B*  *Revision of S1-183054.*  Revision of S1-183516. | |
| CR | [S1-183650](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183650.zip) | Kapsch CarrierCom | | CR22.280v16.3.0: Add conditional media forwarding | Agreed | *WI code MONASTERY2 Rel-16 CR0092R- Cat B*  *Revision of S1-183054.*  *Revision of S1-183516.*  Revision of S1-183544.  No presentation | |
| CR | [S1-183068](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183068.zip) | UIC | | CR22.280v16.3.0: Notification to a group of users | Noted | WI code MONASTERY2 Rel-16 CR0095R- Cat C | |
| CR | [S1-183165](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183165.zip) | UIC | | CR22.280v16.3.0: Interworking between MCX Service systems | Revised to S1-183517 | WI code MONASTERY2 Rel-16 CR0097R- Cat B | |
| CR | [S1-183517](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183517.zip) | UIC | | CR22.280v16.3.0: Interworking between MCX Service systems | Agreed | *WI code MONASTERY2 Rel-16 CR0097R- Cat B*  Revision of S1-183165. | |
| CR | [S1-183166](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183166.zip) | UIC | | CR22.280v16.3.0: Gateway UE | Revised to S1-183518 | WI code MONASTERY2 Rel-16 CR0098R- Cat B | |
| CR | [S1-183518](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183518.zip) | UIC | | CR22.280v16.3.0: Gateway UE | Revised to S1-183545 | *WI code MONASTERY2 Rel-16 CR0098R- Cat B*  Revision of S1-183166. | |
| CR | [S1-183545](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183545.zip) | UIC | | CR22.280v16.3.0: Gateway UE | Agreed | *WI code MONASTERY2 Rel-16 CR0098R- Cat B*  *Revision of S1-183166.*  Revision of S1-183518.  No presentation | |
| CR | [S1-183225](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183225.zip) | Hansung University, ETRI | | CR22.280v16.3.0: Add a requirement for covering the requirement [9.12.5-001] of 22.889 | Revised to S1-183519 | WI code MONASTERY2 Rel-16 CR0100R- Cat B | |
| CR | [S1-183519](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183519.zip) | Hansung University, ETRI | | CR22.280v16.3.0: Add a requirement for covering the requirement [9.12.5-001] of 22.889 | Withdrawn | *WI code MONASTERY2 Rel-16 CR0100R- Cat B*  Revision of S1-183225. | |
| CR | [S1-183058](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183058.zip) | Kapsch CarrierCom, Nokia | | CR22.282v16.3.0: Add interworking between MCData SDS and GSM-R SMS | Agreed | WI code MONASTERY2 Rel-16 CR0027R- Cat B | |
| CR | [S1-183226](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183226.zip) | Hansung University, ETRI | | CR22.282v16.3.0: Add a interworking requirement in 22.282 for covering the requirement [12.6-002] of 22.889 | Revised to S1-183520 | WI code MONASTERY2 Rel-16 CR0028R- Cat B | |
| CR | [S1-183520](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183520.zip) | Hansung University, ETRI | | CR22.282v16.3.0: Add a interworking requirement in 22.282 for covering the requirement [12.6-002] of 22.889 | Withdrawn | *WI code MONASTERY2 Rel-16 CR0028R- Cat B*  Revision of S1-183226. | |
| Cont | [S1-183123](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183123.zip) | UIC | | CR22.289v0.2.0: Quality of Service for rail communication | Revised to S1-183521 |  | |
| Cont | [S1-183521](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183521.zip) | UIC | | CR22.289v0.2.0: Quality of Service for rail communication | Revised to S1-183546 | Revision of S1-183123. | |
| Cont | [S1-183546](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183546.zip) | UIC | | CR22.289v0.2.0: Quality of Service for rail communication | Agreed | *Revision of S1-183123.*  Revision of S1-183521.  No presentation | |
| CR | [S1-183055](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183055.zip) | Kapsch CarrierCom | | CR22.280v16.3.0: Add location based barring | Withdrawn | WI code MONASTERY2 Rel-16 CR0093R- Cat B | |
| MONASTERY2 + FS\_FRMCS2 drafting session information | | | | | | | |
| AGE | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183323.zip)3325 | Rapporteur / Session Chair | | MONASTERY2 + FS\_FRMCS2 drafting agenda | Agreed |  | |
| REP | [S1-183326](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183326.zip) | Rapporteur / Session Chair | | MONASTERY2 + FS\_FRMCS2 drafting report | Agreed |  | |
| TS | [S1-183673](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183673.zip) | Rapporteur (Nokia) | | TS22.289v0.3.0 to include agreements at this meeting | Agreed |  | |
| TS | [S1-183674](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183674.zip) | Rapporteur (Nokia) | | Cover page for presentation of TS22.289v1.0.0 | Agreed |  | |
| SMARTER\_Ph2: New Services and Markets Technology Enablers – Phase 2 [SP-180589] 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: 40% | | | | | | | |
| CR | [S1-183115](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183115.zip) | Nokia, Nokia Shanghai Bell, Vodafone, Siemens | | CR22.261v16.5.0: Clause 7.2 alignment with other Rel-16 WIDs | Revised to S1-183612 | WI code SMARTER\_Ph2 Rel-16 CR0312R- Cat F | |
| CR | [S1-183612](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183612.zip) | Nokia, Nokia Shanghai Bell, Vodafone, Siemens | | CR22.261v16.5.0: Clause 7.2 alignment with other Rel-16 WIDs | Revised to S1-183692 | *WI code SMARTER\_Ph2 Rel-16 CR0312R- Cat F*  Revision of S1-183115. | |
| CR | [S1-183692](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183692.zip) | Nokia, Nokia Shanghai Bell, Vodafone, Siemens | | CR22.261v16.5.0: Clause 7.2 alignment with other Rel-16 WIDs | Agreed | *WI code SMARTER\_Ph2 Rel-16 CR0312R- Cat F*  *Revision of S1-183115.*  Revision of S1-183612.  No presentation | |
| CR | [S1-183116](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183116.zip) | Nokia, Nokia Shanghai Bell | | CR22.261v16.5.0: Editorial correction in header | Agreed | WI code SMARTER\_Ph2 Rel-16 CR0313R- Cat F  Cat D? | |
| enIMS: enhancements to IMS for new real time communication services [SP-180137] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#82 (12/2018)  Percentage completion: 50% | | | | | | | |
| Cont | [S1-183126](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183126.zip) | Huawei, China Mobile | | Discussion on IMS Slicing | Noted |  | |
| CR | [S1-183127](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183127.zip) | China Mobile, Huawei, China Telecom | | CR22.261v16.5.0: IMS Network Slicing | Noted | WI code enIMS Rel-16 CR0317R- Cat B | |
| OUT | [S1-183613](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183613.zip) | Huawei, China Mobile | | LS on IMS ‘Slicing’ impact | Revised to S1-183633 |  | |
| OUT | [S1-183633](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183633.zip) | Huawei, China Mobile | | LS on IMS ‘Slicing’ impact | Noted | Revision of S1-183613. | |
| QoS\_MON: QoS Monitoring [SP-180141] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#82 (12/2018)  Percentage completion: 85% | | | | | | | |
| CR | [S1-183206](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183206.zip) | Siemens, Huawei | | CR22.261v16.5.0: Update to Annex F for Network Diagnostics | Revised to S1-183614 | WI code QoS\_MON Rel-16 CR0343R- Cat C | |
| CR | [S1-183614](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183614.zip) | Siemens, Huawei | | CR22.261v16.5.0: Update to Annex F for Network Diagnostics | Revised to S1-183635 | *WI code QoS\_MON Rel-16 CR0343R- Cat C*  Revision of S1-183206. | |
| CR | [S1-183635](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183635.zip) | Siemens, Huawei | | CR22.261v16.5.0: Update to Annex F for Network Diagnostics | Agreed | *WI code QoS\_MON Rel-16 CR0343R- Cat C*  *Revision of S1-183206.*  Revision of S1-183614.  No presentation | |
| MARCOM: Maritime Communication Services over 3GPP System [SP-180327] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.119v1.0.0  Target completion date: SA#82 (12/2018)  Percentage completion: 70% | | | | | | | |
| Cont | [S1-183048](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183048.zip) | SyncTechno Inc., VTT, Korean Register of shipping | | Requirement on the communication range between vessels | Revised to S1-183615 |  | |
| Cont | [S1-183615](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183615.zip) | SyncTechno Inc., VTT, Korean Register of shipping | | Requirement on the communication range between vessels | Agreed | Revision of S1-183048. | |
| Cont | [S1-183049](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183049.zip) | SyncTechno Inc., Korean Register of shipping | | Annex A in 3GPP TS 22.119 | Revised to S1-183616 |  | |
| CR | [S1-183616](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183616.zip) | SyncTechno Inc., Korean Register of shipping | | CR22.819 | Revised to S1-183636 | FS\_MARCOM CR0002 Rel-16 | |
| CR | [S1-183636](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183636.zip) | SyncTechno Inc., Korean Register of shipping | | CR22.819 | Agreed | *FS\_MARCOM CR0002 Rel-16*  Revision of S1-183616.  No presentation | |
| MARCOM output | | | | | | | |
| TS | [S1-183275](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183275.zip) | Rapporteur (SyncTechno Inc.) | | TS22.119v1.1.0 to include agreements at this meeting | Agreed | No presentation | |
| TS | [S1-183050](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183050.zip) | Rapporteur (SyncTechno Inc.) | | Cover page for presentation of TS22.119v2.0.0 | Agreed |  | |
| cyberCAV: cyberCAV [SP-180585] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.104v0.2.0  Target completion date: SA#82 (12/2018)  Percentage completion: 40% | | | | | | | |
| **22.104 pCRs– new content** | | | | | | | |
| Cont | [S1-183110](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183110.zip) | Nokia, Nokia Shanghai Bell, Siemens AG, Vodafone, Qualcomm, Huawei | | Descriptive text for overview clause of TS 22.104 | Revised to S1-183351 |  | |
| Cont | [S1-183351](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183351.zip) | Nokia, Nokia Shanghai Bell, Siemens AG, Vodafone, Qualcomm, Huawei | | Descriptive text for overview clause of TS 22.104 | Agreed | Revision of S1-183110. | |
| Cont | [S1-183111](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183111.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Restructure of 22.104 | Merged into S1-183352 |  | |
| Cont | [S1-183352](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183352.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Restructure of 22.104 | Revised to S1-183634 | Merge of S1-183111 and S1-183183. | |
| Cont | [S1-183634](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183634.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Restructure of 22.104 | Agreed | *Merge of S1-183111 and S1-183183.*  Revision of S1-183352. | |
| Cont | [S1-183353](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183183.zip) | Nokia | | Terminology alignment | Withdrawn |  | |
| Cont | [S1-183183](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183183.zip) | Siemens AG | | cyberCAV (Editorial) - Move of Service Requirements to clause 5 | Merged into S1-183352 |  | |
| Cont | [S1-183109](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183109.zip) | Nokia, Nokia Shanghai Bell, Siemens AG, Huawei, Volkswagen AG | | Performance KPIs for TS 22.104 | Revised to S1-183316 |  | |
| Cont | [S1-183316](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183316.zip) | Nokia, Nokia Shanghai Bell, Siemens AG, Huawei, Volkswagen AG | | Performance KPIs for TS 22.104 | Revised to S1-183354 | Revision of S1-183109. | |
| Cont | [S1-183354](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183354.zip) | Nokia, Nokia Shanghai Bell, Siemens AG, Huawei, Volkswagen AG | | Performance KPIs for TS 22.104 | Revised to S1-183400 | *Revision of S1-183109.*  Revision of S1-183316. | |
| Cont | [S1-183400](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183400.zip) | Nokia, Nokia Shanghai Bell, Siemens AG, Huawei, Volkswagen AG | | Performance KPIs for TS 22.104 | Agreed | *Revision of S1-183109.*  *Revision of S1-183316.*  Revision of S1-183354.  Rapporteur to improve some of the table formatting | |
| Cont | [S1-183188](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183188.zip) | Siemens AG, China Telecom, Volkswagen AG | | cyberCAV – 22.104 – summary of service performance requirements | Revised to S1-183338 |  | |
| Cont | [S1-183338](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183338.zip) | Siemens AG, China Telecom, Volkswagen AG | | cyberCAV – 22.104 – summary of service performance requirements | Revised to S1-183355 | Revision of S1-183188. | |
| Cont | [S1-183355](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183355.zip) | Siemens AG, China Telecom, Volkswagen AG | | cyberCAV – 22.104 – summary of service performance requirements | Revised to S1-183401 | *Revision of S1-183188.*  Revision of S1-183338. | |
| Cont | [S1-183401](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183401.zip) | Siemens AG, China Telecom, Volkswagen AG | | cyberCAV – 22.104 – summary of service performance requirements | Agreed | *Revision of S1-183188.*  *Revision of S1-183338.*  Revision of S1-183355. | |
| Cont | [S1-183119](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183119.zip) | Siemens AG, Qualcomm, Nokia, Nokia Shanghai Bell | | Update of TSN requirement | Revised to S1-183356 |  | |
| Cont | [S1-183356](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183356.zip) | Siemens AG, Qualcomm, Nokia, Nokia Shanghai Bell | | Update of TSN requirement | Agreed | Revision of S1-183119. | |
| Cont | [S1-183120](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183120.zip) | Siemens AG, Nokia, Nokia Shanghai Bell | | cyberCAV - 5G in Industrial Automation: Different and Multiple Time Domains for Synchronization | Revised to S1-183329 |  | |
| Cont | [S1-183329](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183329.zip) | Siemens AG, Nokia, Nokia Shanghai Bell | | cyberCAV - 5G in Industrial Automation: Different and Multiple Time Domains for Synchronization | Revised to S1-183357 | Revision of S1-183120. | |
| Cont | [S1-183357](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183357.zip) | Siemens AG, Nokia, Nokia Shanghai Bell | | cyberCAV - 5G in Industrial Automation: Different and Multiple Time Domains for Synchronization | Revised to S1-183640 | *Revision of S1-183120.*  Revision of S1-183329. | |
| Cont | [S1-183640](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183640.zip) | Siemens AG, Nokia, Nokia Shanghai Bell | | cyberCAV - 5G in Industrial Automation: Different and Multiple Time Domains for Synchronization | Revised to S1-183668 | *Revision of S1-183120.*  *Revision of S1-183329.*  Revision of S1-183357. | |
| Cont | [S1-183668](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183668.zip) | Siemens AG, Nokia, Nokia Shanghai Bell | | cyberCAV - 5G in Industrial Automation: Different and Multiple Time Domains for Synchronization | Agreed | *Revision of S1-183120.*  *Revision of S1-183329.*  *Revision of S1-183357.*  Revision of S1-183640. | |
| Cont | [S1-183114](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183114.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Clarification of TSN requirements in TS 22.104 | Revised to S1-183358 |  | |
| Cont | [S1-183358](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183358.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Clarification of TSN requirements in TS 22.104 | Revised to S1-183402 | Revision of S1-183114. | |
| Cont | [S1-183402](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183402.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Clarification of TSN requirements in TS 22.104 | Revised to S1-183638 | *Revision of S1-183114.*  Revision of S1-183358. | |
| Cont | [S1-183638](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183638.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Clarification of TSN requirements in TS 22.104 | Revised to S1-183695 | *Revision of S1-183114.*  *Revision of S1-183358.*  Revision of S1-183402. | |
| Cont | [S1-183695](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183695.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Clarification of TSN requirements in TS 22.104 | Revised to S1-183706 | *Revision of S1-183114.*  *Revision of S1-183358.*  *Revision of S1-183402.*  Revision of S1-183638.  No presentation | |
| Cont | [S1-183706](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183706.zip) | Nokia, Nokia Shanghai Bell, Qualcomm | | Clarification of TSN requirements in TS 22.104 | Agreed | *Revision of S1-183114.*  *Revision of S1-183358.*  *Revision of S1-183402.*  *Revision of S1-183638.*  *No presentation*  Revision of S1-183695.  No presentation | |
| Cont | [S1-183207](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183207.zip) | Ericsson | | 22.104 - Clock synchronisation across 5G networks | Revised to S1-183360 |  | |
| Cont | [S1-183360](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183360.zip) | Ericsson | | 22.104 - Clock synchronisation across 5G networks | Agreed | Revision of S1-183207. | |
| Cont | [S1-183134](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183134.zip) | Huawei, Siemens | | cyberCAV – 22.104 –network performance: Communication service availability | Revised to S1-183361 |  | |
| Cont | [S1-183361](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183361.zip) | Huawei, Siemens | | cyberCAV – 22.104 –network performance: Communication service availability | Revised to S1-183403 | Revision of S1-183134. | |
| Cont | [S1-183403](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183403.zip) | Huawei, Siemens | | cyberCAV – 22.104 –network performance: Communication service availability | Revised to S1-183641 | *Revision of S1-183134.*  Revision of S1-183361. | |
| Cont | [S1-183641](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183641.zip) | Huawei, Siemens | | cyberCAV – 22.104 –network performance: Communication service availability | Agreed | *Revision of S1-183134.*  *Revision of S1-183361.*  Revision of S1-183403.  No presentation | |
| Cont | [S1-183170](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183170.zip) | Siemens AG | | cyberCAV – Network performance requirements | Noted |  | |
| Cont | [S1-183191](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183191.zip) | Siemens AG | | cyberCAV - Communication service terminology w.r.t. 5G network and vertical applications | Revised to S1-183362 |  | |
| Cont | [S1-183362](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183362.zip) | Siemens AG | | cyberCAV - Communication service terminology w.r.t. 5G network and vertical applications | Revised to S1-183404 | Revision of S1-183191. | |
| Cont | [S1-183404](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183404.zip) | Siemens AG | | cyberCAV - Communication service terminology w.r.t. 5G network and vertical applications | Agreed | *Revision of S1-183191.*  Revision of S1-183362.  No presentation | |
| Cont | [S1-183219](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183219.zip) | Siemens AG | | cyberCAV – TS 22.104 – Considerations on communication service interface | Revised to S1-183348 |  | |
| Cont | [S1-183348](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183348.zip) | Siemens AG | | cyberCAV – TS 22.104 – Considerations on communication service interface | Revised to S1-183363 | Revision of S1-183219. | |
| Cont | [S1-183363](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183363.zip) | Siemens AG | | cyberCAV – TS 22.104 – Considerations on communication service interface | Agreed | *Revision of S1-183219.*  Revision of S1-183348. | |
| **22.261 CRs – new requirements and updates** | | | | | | | |
| CR | [S1-183161](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183161.zip) | Vodafone, Nokia, Siemens AG | | CR22.261v16.5.0: Introduction of cyberCAV | Agreed | WI code cyberCAV Rel-16 CR0329R- Cat B | |
| Cont | [S1-183112](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183112.zip) | Nokia, Nokia Shanghai Bell | | Discussion on normative cyberCAV security requirements | Noted |  | |
| CR | [S1-183113](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183113.zip) | Nokia, Nokia Shanghai Bell, Siemens AG | | CR22.261v16.5.0: Support for security requirements based on FS\_CAV | Revised to S1-183364 | WI code cyberCAV Rel-16 CR0311R- Cat B | |
| CR | [S1-183364](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183364.zip) | Nokia, Nokia Shanghai Bell, Siemens AG | | CR22.261v16.5.0: Support for security requirements based on FS\_CAV | Revised to S1-183405 | *WI code cyberCAV Rel-16 CR0311R- Cat B*  Revision of S1-183113. | |
| CR | [S1-183405](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183405.zip) | Nokia, Nokia Shanghai Bell, Siemens AG | | CR22.261v16.5.0: Support for security requirements based on FS\_CAV | Agreed | *WI code cyberCAV Rel-16 CR0311R- Cat B*  *Revision of S1-183113.*  Revision of S1-183364. | |
| Cont | [S1-183190](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183190.zip) | Siemens AG | | cyberCAV – Network interaction requirement for uninterrupted real-time video | Noted |  | |
| CR | [S1-183189](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183189.zip) | Siemens AG | | CR22.261v16.5.0: Support for network interaction requirement for uninterrupted real-time video based on FS\_CAV | Revised to S1-183365 | WI code cyberCAV Rel-16 CR0333R- Cat B | |
| CR | [S1-183365](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183365.zip) | Siemens AG | | CR22.261v16.5.0: Support for network interaction requirement for uninterrupted real-time video based on FS\_CAV | Revised to S1-183407 | *WI code cyberCAV Rel-16 CR0333R- Cat B*  Revision of S1-183189. | |
| CR | [S1-183407](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183407.zip) | Siemens AG | | CR22.261v16.5.0: Support for network interaction requirement for uninterrupted real-time video based on FS\_CAV | Agreed | *WI code cyberCAV Rel-16 CR0333R- Cat B*  *Revision of S1-183189.*  Revision of S1-183365.  No presentation | |
| Cont | [S1-183213](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183213.zip) | ETRI | | Clarification on non-public network and private network in TS 22.261 | Noted |  | |
| CR | [S1-183121](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183121.zip) | ETRI | | CR22.261v16.5.0: Replacing private network with non-public network | Revised to S1-183366 | WI code cyberCAV Rel-16 CR0315R- Cat F | |
| CR | [S1-183366](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183366.zip) | ETRI | | CR22.261v16.5.0: Replacing private network with non-public network | Revised to S1-183406 | *WI code cyberCAV Rel-16 CR0315R- Cat F*  Revision of S1-183121. | |
| CR | [S1-183406](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183406.zip) | ETRI | | CR22.261v16.5.0: Replacing private network with non-public network | Agreed | *WI code cyberCAV Rel-16 CR0315R- Cat F*  *Revision of S1-183121.*  Revision of S1-183366.  No presentation | |
| CR | [S1-183145](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183145.zip) | Intel | | CR22.261v16.5.0: Access Control for the Non-Public Network | Noted | WI code cyberCAV Rel-16 CR0324R- Cat F | |
| Cont | [S1-183157](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183157.zip) | Tencent | | Discussion on Requirements of Unified Access Control for Non-Public Network | Noted |  | |
| CR | [S1-183155](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183155.zip) | Tencent | | CR22.261v16.5.0: CR on UAC Requirements for NPN | Noted | WI code cyberCAV Rel-16 CR0327R- Cat F | |
| OUT | [S1-183163](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183163.zip) | Tencent | | [DRAFT] LS on UAC requirements for NPN | Withdrawn |  | |
| Cont | [S1-183128](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183128.zip) | China Mobile | | cyberCAV discussion about network selection | Noted |  | |
| CR | [S1-183129](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183129.zip) | China Mobile | | CR22.261v16.5.0: network selection for cyberCAV | Revised to S1-183393 | WI code cyberCAV Rel-16 CR0318R1 Cat B  First version should be R-. Mention each sub-clause in clauses affected | |
| CR | [S1-183393](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183393.zip) | China Mobile | | CR22.261v16.5.0: network selection for cyberCAV | Withdrawn | *WI code cyberCAV Rel-16 CR0318R1 Cat B*  *First version should be R-. Mention each sub-clause in clauses affected*  Revision of S1-183129. | |
| Cont | [S1-183215](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183215.zip) | Siemens AG | | Description of deployment options for non-public networks (NPN) | Revised to S1-183332 |  | |
| Cont | [S1-183332](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183332.zip) | Siemens AG | | Description of deployment options for non-public networks (NPN) | Revised to S1-183394 | Revision of S1-183215. | |
| Cont | [S1-183394](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183394.zip) | Siemens AG | | Description of deployment options for non-public networks (NPN) | Noted | *Revision of S1-183215.*  Revision of S1-183332. | |
| CR | [S1-183651](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183651.zip) | Siemens AG | | CR22.261v16.5.0: | Revised to S1-183690 | WI code cyberCAV Rel-16 CR0349R- Cat B | |
| CR | [S1-183690](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183690.zip) | Siemens AG | | CR22.261v16.5.0: | Revised to S1-183708 | *WI code cyberCAV Rel-16 CR0349R- Cat B*  Revision of S1-183651. | |
| CR | [S1-183708](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183708.zip) | Siemens AG | | CR22.261v16.5.0: | Agreed | *WI code cyberCAV Rel-16 CR0349R- Cat B*  *Revision of S1-183651.*  Revision of S1-183690.  No presentation | |
| **22.104 pCRs – editorial / informational** | | | | | | | |
| Cont | [S1-183122](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183122.zip) | ETRI | | Removal of CRC from abbreviation list | Agreed |  | |
| Cont | [S1-183199](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183199.zip) | Siemens AG | | cyberCAV - Update of 22.104 Annex C – Characterising communication services | Revised to S1-183331 |  | |
| Cont | [S1-183331](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183331.zip) | Siemens AG | | cyberCAV - Update of 22.104 Annex C – Characterising communication services | Revised to S1-183395 | Revision of S1-183199. | |
| Cont | [S1-183395](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183395.zip) | Siemens AG | | cyberCAV - Update of 22.104 Annex C – Characterising communication services | Agreed | *Revision of S1-183199.*  Revision of S1-183331. | |
| cyberCAV output and cyberCAV + FS\_CAV drafting session information | | | | | | | |
| TS | [S1-183276](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183276.zip) | Rapporteur (Siemens) | | TS22.104v0.3.0 to include agreements at this meeting | Agreed | Tuesday, Thursday review, Friday final version. In CET time.  No presentation | |
| TS | [S1-183277](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183277.zip) | Rapporteur (Siemens) | | Cover page for presentation of TS22.104v1.0.0 | Agreed |  | |
| AGE | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183317.zip)3317 | Rapporteur / Session Chair | | cyberCAV + FS\_CAV drafting agenda | Agreed |  | |
| REP | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183318.zip)3318 | Rapporteur / Session Chair | | cyberCAV + FS\_CAV drafting report | Agreed |  | |
| 5GSAT: Integration of Satellite Access in 5G [SP-180326] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#81 (09/2018)  Percentage completion: 95% | | | | | | | |
| CR | [S1-183025](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183025.zip) | Thales, Novamint, TNO | | CR22.261v16.5.0: Performance requirements for satellite access | Revised to S1-183617 | WI code 5GSAT Rel-16 CR0300R- Cat B  Clauses affected 7.1 | |
| CR | [S1-183617](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183617.zip) | Thales, Novamint, TNO | | CR22.261v16.5.0: Performance requirements for satellite access | Withdrawn | *WI code 5GSAT Rel-16 CR0300R- Cat B*  *Clauses affected 7.1*  Revision of S1-183025. | |
| 5G\_HYPOS: 5G Positioning Services [SP-180329] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#82 (12/2018)  Percentage completion: 50% | | | | | | | |
| CR | [S1-183168](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183168.zip) | ESA | | CR22.261v16.5.0: Clarification of requirement on energy per fix in clause 7.3.2.3 | Revised to S1-183450 | WI code 5G\_HYPOS Rel-16 CR0330R- Cat C | |
| CR | [S1-183450](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183450.zip) | ESA | | CR22.261v16.5.0: Clarification of requirement on energy per fix in clause 7.3.2.3 | Revised to S1-183696 | *WI code 5G\_HYPOS Rel-16 CR0330R- Cat C*  Revision of S1-183168. | |
| CR | [S1-183696](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183696.zip) | ESA | | CR22.261v16.5.0: Clarification of requirement on energy per fix in clause 7.3.2.3 | Agreed | *WI code 5G\_HYPOS Rel-16 CR0330R- Cat C*  *Revision of S1-183168.*  Revision of S1-183450.  No presentation | |
| CR | [S1-183169](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183169.zip) | ESA | | CR22.261v16.5.0: Functional requirements for 5G positioning services (clause 6) | Revised to S1-183451 | WI code 5G\_HYPOS Rel-16 CR0331R- Cat B | |
| CR | [S1-183451](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183451.zip) | ESA | | CR22.261v16.5.0: Functional requirements for 5G positioning services (clause 6) | Revised to S1-183471 | *WI code 5G\_HYPOS Rel-16 CR0331R- Cat B*  Revision of S1-183169. | |
| CR | [S1-183471](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183471.zip) | ESA | | CR22.261v16.5.0: Functional requirements for 5G positioning services (clause 6) | Agreed | *WI code 5G\_HYPOS Rel-16 CR0331R- Cat B*  *Revision of S1-183169.*  Revision of S1-183451. | |
| CR | [S1-183242](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183242.zip) | Novamint | | CR22.872v16.1.0: Very accurate positioning in support of precision agriculture | Revised to S1-183452 | WI code FS\_5G\_HYPOS Rel-16 CR0009R- Cat B | |
| CR | [S1-183452](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183452.zip) | Novamint | | CR22.872v16.1.0: Very accurate positioning in support of precision agriculture | Noted | *WI code FS\_5G\_HYPOS Rel-16 CR0009R- Cat B*  Revision of S1-183242. | |
| CR | [S1-183088](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183088.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Editorial correction for positioning-related tables in 7.3.2 | Revised to S1-183095 | WI code 5G\_HYPOS Rel-16 CR0304R- Cat D | |
| CR | [S1-183095](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183095.zip) | LG Electronics Mobile Research | | CR22.261v16.5.0: Editorial correction for positioning-related tables in 7.3.2 | Withdrawn | *WI code 5G\_HYPOS Rel-16 CR0304R- Cat B*  Revision of S1-183088. | |
| 5G\_HYPOS + 5GMSG + BRMNS + FS\_BMNS drafting session information | | | | | | | |
| AGE | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183319.zip)3319 | Rapporteur / Session Chair | | 5G\_HYPOS + 5GMSG + BRMNS + FS\_BMNS drafting agenda | Agreed |  | |
| REP | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183320.zip)3320 | Rapporteur / Session Chair | | 5G\_HYPOS + 5GMSG + BRMNS + FS\_BMNS drafting report | Agreed |  | |
| MuD: Multi-device and Multi-identity [SP-180315] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#81 (09/2018)  Percentage completion: 90% | | | | | | | |
| 5GLAN: LAN support in 5G [SP-180593] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#82 (12/2018)  Percentage completion: 75% | | | | | | | |
| Cont | [S1-183124](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183124.zip) | China Mobile, Huawei | | 5G LAN- discussion about enabling/disabling UE from 5G-LAN based on location | Noted |  | |
| CR | [S1-183125](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183125.zip) | China Mobile, Huawei | | CR22.261v16.5.0: 5GLAN requirements about enabling disabling UE from 5G-LAN based on location | Revised to S1-183368 | WI code 5GLAN Rel-16 CR0316R1 Cat B  First version should be R-. | |
| CR | [S1-183368](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183368.zip) | China Mobile, Huawei | | CR22.261v16.5.0: 5GLAN requirements about enabling disabling UE from 5G-LAN based on location | Revised to S1-183390 | *WI code 5GLAN Rel-16 CR0316R1 Cat B*  *First version should be R-.*  Revision of S1-183125. | |
| CR | [S1-183390](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183390.zip) | China Mobile, Huawei | | CR22.261v16.5.0: 5GLAN requirements about enabling disabling UE from 5G-LAN based on location | Revised to S1-183644 | *WI code 5GLAN Rel-16 CR0316R1 Cat B*  *First version should be R-.*  *Revision of S1-183125.*  Revision of S1-183368. | |
| CR | [S1-183644](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183644.zip) | China Mobile, Huawei | | CR22.261v16.5.0: 5GLAN requirements about enabling disabling UE from 5G-LAN based on location | Revised to S1-183697 | *WI code 5GLAN Rel-16 CR0316R1 Cat B*  *First version should be R-.*  *Revision of S1-183125.*  *Revision of S1-183368.*  Revision of S1-183390. | |
| CR | [S1-183697](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183697.zip) | China Mobile, Huawei | | CR22.261v16.5.0: 5GLAN requirements about enabling disabling UE from 5G-LAN based on location | Agreed | *WI code 5GLAN Rel-16 CR0316R1 Cat B*  *First version should be R-.*  *Revision of S1-183125.*  *Revision of S1-183368.*  *Revision of S1-183390.*  Revision of S1-183644. | |
| CR | [S1-183133](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183133.zip) | KDDI | | CR22.261v16.5.0: 5G LAN-type service support connected to wired Ethernet | Revised to S1-183266 | WI code 5GLAN Rel-16 CR0319R- Cat F | |
| CR | [S1-183266](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183266.zip) | KDDI | | CR22.261v16.5.0: 5G LAN-type service support connected to wired Ethernet | Revised to S1-183369 | *WI code 5GLAN Rel-16 CR0319R- Cat F*  Revision of S1-183133. | |
| CR | [S1-183369](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183369.zip) | KDDI | | CR22.261v16.5.0: 5G LAN-type service support connected to wired Ethernet | Agreed | *WI code 5GLAN Rel-16 CR0319R- Cat F*  *Revision of S1-183133.*  Revision of S1-183266. | |
| CR | [S1-183195](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183195.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Addittion to definition on private communication | Revised to S1-183343 | WI code 5GLAN Rel-16 CR0334R- Cat C  Add clauses affected | |
| CR | [S1-183343](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183343.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Addittion to definition on private communication | Revised to S1-183370 | *WI code 5GLAN Rel-16 CR0334R- Cat C*  *Add clauses affected*  Revision of S1-183195. | |
| CR | [S1-183370](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183370.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Addittion to definition on private communication | Agreed | *WI code 5GLAN Rel-16 CR0334R- Cat C*  *Add clauses affected*  *Revision of S1-183195.*  Revision of S1-183343. | |
| CR | [S1-183196](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183196.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - General | Revised to S1-183344 | WI code 5GLAN Rel-16 CR0335R- Cat C | |
| CR | [S1-183344](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183344.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - General | Revised to S1-183371 | *WI code 5GLAN Rel-16 CR0335R- Cat C*  Revision of S1-183196. | |
| CR | [S1-183371](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183371.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - General | Agreed | *WI code 5GLAN Rel-16 CR0335R- Cat C*  *Revision of S1-183196.*  Revision of S1-183344. | |
| CR | [S1-183197](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183197.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5G LAN - virtual network (5G LAN-VN). | Revised to S1-183345 | WI code 5GLAN Rel-16 CR0336R- Cat C | |
| CR | [S1-183345](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183345.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5G LAN - virtual network (5G LAN-VN). | Revised to S1-183372 | *WI code 5GLAN Rel-16 CR0336R- Cat C*  Revision of S1-183197. | |
| CR | [S1-183372](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183372.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5G LAN - virtual network (5G LAN-VN). | Agreed | *WI code 5GLAN Rel-16 CR0336R- Cat C*  *Revision of S1-183197.*  Revision of S1-183345. | |
| CR | [S1-183198](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183198.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - Creation and management | Revised to S1-183346 | WI code 5GLAN Rel-16 CR0337R- Cat F | |
| CR | [S1-183346](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183346.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - Creation and management | Revised to S1-183373 | *WI code 5GLAN Rel-16 CR0337R- Cat F*  Revision of S1-183198. | |
| CR | [S1-183373](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183373.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - Creation and management | Revised to S1-183386 | *WI code 5GLAN Rel-16 CR0337R- Cat F*  *Revision of S1-183198.*  Revision of S1-183346. | |
| CR | [S1-183386](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183386.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN - Creation and management | Agreed | *WI code 5GLAN Rel-16 CR0337R- Cat F*  *Revision of S1-183198.*  *Revision of S1-183346.*  Revision of S1-183373.  No presentation | |
| CR | [S1-183200](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183200.zip) | KPN | | CR22.261v16.5.0: Update of 5GLAN – Privacy | Revised to S1-183347 | WI code 5GLAN Rel-16 CR0338R- Cat C | |
| CR | [S1-183347](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183347.zip) | KPN | | CR22.261v16.5.0: Update of 5GLAN – Privacy | Revised to S1-183374 | *WI code 5GLAN Rel-16 CR0338R- Cat C*  Revision of S1-183200. | |
| CR | [S1-183374](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183374.zip) | KPN | | CR22.261v16.5.0: Update of 5GLAN – Privacy | Revised to S1-183387 | *WI code 5GLAN Rel-16 CR0338R- Cat C*  *Revision of S1-183200.*  Revision of S1-183347. | |
| CR | [S1-183387](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183387.zip) | KPN | | CR22.261v16.5.0: Update of 5GLAN – Privacy | Revised to S1-183392 | *WI code 5GLAN Rel-16 CR0338R- Cat C*  *Revision of S1-183200.*  *Revision of S1-183347.*  Revision of S1-183374. | |
| CR | [S1-183392](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183392.zip) | KPN | | CR22.261v16.5.0: Update of 5GLAN – Privacy | Revised to S1-183646 | *WI code 5GLAN Rel-16 CR0338R- Cat C*  *Revision of S1-183200.*  *Revision of S1-183347.*  *Revision of S1-183374.*  Revision of S1-183387.  No presentation | |
| CR | [S1-183646](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183646.zip) | KPN | | CR22.261v16.5.0: Update of 5GLAN – Privacy | Agreed | *WI code 5GLAN Rel-16 CR0338R- Cat C*  *Revision of S1-183200.*  *Revision of S1-183347.*  *Revision of S1-183374.*  *Revision of S1-183387.*  *No presentation*  Revision of S1-183392.  No presentation | |
| CR | [S1-183201](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183201.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Discovery | Revised to S1-183267 | WI code 5GLAN Rel-16 CR0339R- Cat C  Clauses affected 6.26.2.6  Correct CR number | |
| CR | [S1-183267](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183267.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Discovery | Revised to S1-183375 | *WI code 5GLAN Rel-16 CR0339R- Cat C*  *Clauses affected 6.26.2.6*  *Correct CR number*  Revision of S1-183201. | |
| CR | [S1-183375](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183375.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Discovery | Revised to S1-183388 | *WI code 5GLAN Rel-16 CR0339R- Cat C*  *Clauses affected 6.26.2.6*  *Correct CR number*  *Revision of S1-183201.*  Revision of S1-183267. | |
| CR | [S1-183388](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183388.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Discovery | Revised to S1-183645 | *WI code 5GLAN Rel-16 CR0339R- Cat C*  *Clauses affected 6.26.2.6*  *Correct CR number*  *Revision of S1-183201.*  *Revision of S1-183267.*  Revision of S1-183375.  No presentation | |
| CR | [S1-183645](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183645.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Discovery | Agreed | *WI code 5GLAN Rel-16 CR0339R- Cat C*  *Clauses affected 6.26.2.6*  *Correct CR number*  *Revision of S1-183201.*  *Revision of S1-183267.*  *Revision of S1-183375.*  *No presentation*  Revision of S1-183388.  No presentation | |
| CR | [S1-183202](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183202.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Indirect Communication Mode | Agreed | WI code 5GLAN Rel-16 CR0340R- Cat C | |
| CR | [S1-183203](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183203.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Service exposure | Revised to S1-183376 | WI code 5GLAN Rel-16 CR0341R- Cat C | |
| CR | [S1-183376](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183376.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Service exposure | Agreed | *WI code 5GLAN Rel-16 CR0341R- Cat C*  Revision of S1-183203. | |
| CR | [S1-183204](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183204.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Security | Revised to S1-183377 | WI code 5GLAN Rel-16 CR0342R- Cat C | |
| CR | [S1-183377](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183377.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Security | Revised to S1-183389 | *WI code 5GLAN Rel-16 CR0342R- Cat C*  Revision of S1-183204. | |
| CR | [S1-183389](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183389.zip) | KPN, Nokia, Huawei, Interdigital | | CR22.261v16.5.0: Update of 5GLAN – Security | Agreed | *WI code 5GLAN Rel-16 CR0342R- Cat C*  *Revision of S1-183204.*  Revision of S1-183377.  No presentation | |
| CR | [S1-183378](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183377.zip) | KPN | | CR22.261v16.5.0: Editorial clean-up of 5GLAN | Withdrawn | *WI code 5GLAN Rel-16 CRxxxxR- Cat D* | |
| Cont | [S1-183205](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183205.zip) | KPN | | 5G LAN- CRs explanation | Noted |  | |
| Cont | [S1-183367](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183367.zip) | KPN | | Rapporteur’s presentation slide | Noted |  | |
| 5GLAN + FS\_REFER + FS\_ATRAC drafting session information | | | | | | | |
| AGE | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183321.zip)3321 | Rapporteur / Session Chair | | 5GLAN + FS\_REFER + FS\_ATRAC drafting agenda | Agreed |  | |
| REP | [S1-183322](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183322.zip) | Rapporteur / Session Chair | | 5GLAN + FS\_REFER + FS\_ATRAC drafting report | Agreed |  | |
| ID\_UAS: Remote Identification of Unmanned Aerial Systems [SP-180771] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.125v0.1.0  Target completion date: SA#82 (12/2018)  Percentage completion: 5% | | | | | | | |
| Cont | [S1-183232](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183232.zip) | Qualcomm Incorporated | | ID\_UAS: Introduction | Agreed |  | |
| Cont | [S1-183233](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183233.zip) | Qualcomm Incorporated | | ID\_UAS: Scope | Agreed |  | |
| Cont | [S1-183234](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183234.zip) | Qualcomm Incorporated | | ID\_UAS: Overview on UAS | Revised to S1-183431 |  | |
| Cont | [S1-183431](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183431.zip) | Qualcomm Incorporated | | ID\_UAS: Overview on UAS | Agreed | Revision of S1-183234. | |
| Cont | [S1-183135](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183135.zip) | Huawei | | Proposal for normative ID\_UAS General Requirements | Revised to S1-183432 |  | |
| Cont | [S1-183432](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183432.zip) | Huawei | | Proposal for normative ID\_UAS General Requirements | Revised to S1-183672 | Revision of S1-183135. | |
| Cont | [S1-183672](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183672.zip) | Huawei | | Proposal for normative ID\_UAS General Requirements | Agreed | *Revision of S1-183135.*  Revision of S1-183432.  No presentation | |
| Cont | [S1-183235](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183235.zip) | Qualcomm Incorporated | | ID\_UAS: General Requirements | Withdrawn |  | |
| Cont | [S1-183236](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183236.zip) | Qualcomm Incorporated | | ID\_UAS: Centralised UAV traffic management requirements | Revised to S1-183433 |  | |
| Cont | [S1-183433](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183433.zip) | Qualcomm Incorporated | | ID\_UAS: Centralised UAV traffic management requirements | Revised to S1-183466 | Revision of S1-183236. | |
| Cont | [S1-183466](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183466.zip) | Qualcomm Incorporated | | ID\_UAS: Centralised UAV traffic management requirements | Agreed | *Revision of S1-183236.*  Revision of S1-183433. | |
| Cont | [S1-183237](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183237.zip) | Qualcomm Incorporated | | ID\_UAS: Decentralised UAV traffic management requirements | Revised to S1-183434 |  | |
| Cont | [S1-183434](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183434.zip) | Qualcomm Incorporated | | ID\_UAS: Decentralised UAV traffic management requirements | Agreed | Revision of S1-183237. | |
| Cont | [S1-183238](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183238.zip) | Qualcomm Incorporated | | ID\_UAS: Security requirements | Revised to S1-183435 |  | |
| Cont | [S1-183435](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183435.zip) | Qualcomm Incorporated | | ID\_UAS: Security requirements | Revised to S1-183467 | Revision of S1-183238. | |
| Cont | [S1-183467](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183467.zip) | Qualcomm Incorporated | | ID\_UAS: Security requirements | Revised to S1-183675 | *Revision of S1-183238.*  Revision of S1-183435. | |
| Cont | [S1-183675](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183675.zip) | Qualcomm Incorporated | | ID\_UAS: Security requirements | Agreed | *Revision of S1-183238.*  *Revision of S1-183435.*  Revision of S1-183467.  No presentation | |
| Cont | [S1-183026](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183026.zip) | SHARP Corporation | | pCR to 22.125 for configuring the UTM | Withdrawn |  | |
| ID\_UAS output and ID\_UAS + FS\_MPS2 + FS\_EAV + FS\_V2XIMP drafting session information | | | | | | | |
| TS | [S1-183278](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183278.zip) | Rapporteur (Qualcomm) | | TS22.125v0.2.0 to include agreements at this meeting | Agreed |  | |
| TS | [S1-183279](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183279.zip) | Rapporteur (Qualcomm) | | Cover page for presentation of TS22.125v1.0.0 | Agreed |  | |
| AGE | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183323.zip)3323 | Rapporteur / Session Chair | | ID\_UAS + FS\_MPS2 + FS\_EAV + FS\_V2XIMP drafting agenda | Agreed |  | |
| REP | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183324.zip)3324 | Rapporteur / Session Chair | | ID\_UAS + FS\_MPS2 + FS\_EAV + FS\_V2XIMP drafting report | Agreed |  | |
| MSGin5G: Message service with 5G system requirements [SP-180920] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.262vx.x.x  Target completion date: SA#82 (12/2018)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-183038](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183038.zip) | China Mobile, China Unicom, Orange | | TS 22.262 skeleton | Agreed |  | |
| Cont | [S1-183039](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183039.zip) | China Mobile, China Unicom, Orange | | TS 22.262 overview | Revised to S1-183453 |  | |
| Cont | [S1-183453](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183453.zip) | China Mobile, China Unicom, Orange | | TS 22.262 overview | Revised to S1-183472 | Revision of S1-183039. | |
| Cont | [S1-183472](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183472.zip) | China Mobile, China Unicom, Orange | | TS 22.262 overview | Agreed | *Revision of S1-183039.*  Revision of S1-183453. | |
| Cont | [S1-183040](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183040.zip) | China Mobile, China Unicom, Orange | | TS 22.262 service requirements | Revised to S1-183457 |  | |
| Cont | [S1-183457](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183457.zip) | China Mobile, China Unicom, Orange | | TS 22.262 service requirements | Agreed | Revision of S1-183040. | |
| Cont | [S1-183041](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183041.zip) | China Mobile, China Unicom, Orange | | TS 22.262 charging security and other requirements | Revised to S1-183454 |  | |
| Cont | [S1-183454](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183454.zip) | China Mobile, China Unicom, Orange | | TS 22.262 charging security and other requirements | Agreed | Revision of S1-183041. | |
| CR | [S1-183087](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183087.zip) | China Mobile, China Unicom | | CR22.261v16.5.0: Update of 5GLAN – Indirect Communication Mode | Revised to S1-183455 | WI code MSGin5G Rel-16 CR0303R- Cat B | |
| CR | [S1-183455](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183455.zip) | China Mobile, China Unicom | | CR22.261v16.5.0: Update of 5GLAN – Indirect Communication Mode | Agreed | *WI code MSGin5G Rel-16 CR0303R- Cat B*  Revision of S1-183087. | |
| Cont | [S1-183096](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183096.zip) | China Unicom, China Mobile, Orange | | 5GMSG of TS 22.262 Abbreviations | Agreed |  | |
| Cont | [S1-183097](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183097.zip) | China Unicom, China Mobile, Orange | | 5GMSG of TS 22.262 Definitions | Revised to S1-183456 |  | |
| Cont | [S1-183456](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183456.zip) | China Unicom, China Mobile, Orange | | 5GMSG of TS 22.262 Definitions | Agreed | Revision of S1-183097. | |
| CR | [S1-183141](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183141.zip) | Intel, China Mobile | | CR22.261v16.5.0: Service requirements in support of RDS in 5GMSG | Noted | WI code MSGin5G Rel-16 CR0303R- Cat B | |
| Cont | [S1-183152](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183152.zip) | Sony | | MSGin5G performance requirement for application originated messaging | Agreed |  | |
| CR | [S1-183153](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183153.zip) | Sony, China Mobile | | CR22.261v16.5.0: Application originated messageing for IOT sensors | Revised to S1-183458 | WI code MSGin5G Rel-16 CR0303R- Cat B | |
| CR | [S1-183458](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183458.zip) | Sony, China Mobile | | CR22.261v16.5.0: Application originated messageing for IOT sensors | Withdrawn | *WI code MSGin5G Rel-16 CR0303R- Cat B*  Revision of S1-183153. | |
| MSGin5G output | | | | | | | |
| TS | [S1-183137](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183137.zip) | Rapporteur (China Mobile) | | TS22.262v0.1.0 to include agreements at this meeting | Agreed | No presentation | |
| TS | [S1-183136](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183136.zip) | Rapporteur (China Mobile) | | Cover page for presentation of TS22.262v1.0.0 | Revised to S1-183698 |  | |
| TS | [S1-183698](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183698.zip) | Rapporteur (China Mobile) | | Cover page for presentation of TS22.262v1.0.0 | Agreed | Revision of S1-183136.  No presentation | |
| BRMNS: Business Role Models for Network Slicing [SP-180773] | | | | | | | |
| **Work status prior to this meeting:**  Target completion date: SA#82 (12/2018)  Percentage completion: 95% | | | | | | | |
| CR | [S1-183017](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183017.zip) | LG Electronics | | CR22.261v16.5.0: Correction to BRMNS | Revised to S1-183459 | WI code BRMNS Rel-16 CR0299R- Cat F | |
| CR | [S1-183459](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183459.zip) | LG Electronics | | CR22.261v16.5.0: Correction to BRMNS | Revised to S1-183637 | *WI code BRMNS Rel-16 CR0299R- Cat F*  Revision of S1-183017. | |
| CR | [S1-183637](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183637.zip) | LG Electronics | | CR22.261v16.5.0: Correction to BRMNS | Revised to S1-183642 | *WI code BRMNS Rel-16 CR0299R- Cat F*  *Revision of S1-183017.*  Revision of S1-183459. | |
| CR | [S1-183642](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183642.zip) | LG Electronics | | CR22.261v16.5.0: Correction to BRMNS | Agreed | *WI code BRMNS Rel-16 CR0299R- Cat F*  *Revision of S1-183017.*  *Revision of S1-183459.*  Revision of S1-183637.  No presentation | |
| Cont | [S1-183100](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183100.zip) | Nokia, Nokia Shanghai Bell | | Discussion on completion of normative BRMNS requirements | Revised to S1-183315 |  | |
| Cont | [S1-183315](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183315.zip) | Nokia, Nokia Shanghai Bell | | Discussion on completion of normative BRMNS requirements | Noted | Revision of S1-183100. | |
| CR | [S1-183101](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183101.zip) | Nokia, Nokia Shanghai Bell | | Enhanced network slice requirements based on business role models | Revised to S1-183460 |  | |
| CR | [S1-183460](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183460.zip) | Nokia, Nokia Shanghai Bell | | Enhanced network slice requirements based on business role models | Revised to S1-183473 | Revision of S1-183101. | |
| CR | [S1-183473](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183473.zip) | Nokia, Nokia Shanghai Bell | | Enhanced network slice requirements based on business role models | Agreed | *Revision of S1-183101.*  Revision of S1-183460. | |
| Cont | [S1-183146](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183146.zip) | Intel | | Review and Proposal for Service Requirements of FS\_BMNS | Noted |  | |
| CR | [S1-183147](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183147.zip) | Intel | | CR22.261v16.5.0: Service requirements for Business Roles of Network Slice | Revised to S1-183461 | WI code BRMNS Rel-16 CR0325R- Cat B | |
| CR | [S1-183461](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183461.zip) | Intel | | CR22.261v16.5.0: Service requirements for Business Roles of Network Slice | Withdrawn | *WI code BRMNS Rel-16 CR0325R- Cat B*  Revision of S1-183147. | |
| CR | [S1-183239](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183239.zip) | ETRI | | CR22.261v16.5.0: Adding the description about a private slice for Network capability exposure | Revised to S1-183468 | WI code BRMNS Rel-16 CR0344R- Cat B | |
| CR | [S1-183468](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183468.zip) | ETRI | | CR22.261v16.5.0: Adding the description about a private slice for Network capability exposure | Withdrawn | *WI code BRMNS Rel-16 CR0344R- Cat B*  Revision of S1-183239. | |
| CR | [S1-183240](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183240.zip) | ETRI | | CR22.261v16.5.0: Update the requirements about a private slice for Network capability exposure | Revised to S1-183469 | WI code BRMNS Rel-16 CR0345R- Cat B | |
| CR | [S1-183469](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183469.zip) | ETRI | | CR22.261v16.5.0: Update the requirements about a private slice for Network capability exposure | Noted | *WI code BRMNS Rel-16 CR0345R- Cat B*  Revision of S1-183240. | |
| OUT | [S1-183212](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183212.zip) | Orange | | [DRAFT] Reply LS on business roles for 5G networks and network slicing management | Moved to 3 |  | |
| 1. **Study Item contributions** | | | | | | | |
| Rel-16 CRs for completed study items | | | | | | | |
| CR | [S1-183184](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183184.zip) | Siemens AG | | CR22.804v16.1.0: Clean-up of clause 4.3 and batch processing | Revised to S1-183396 | WI-code FS\_CAV Rel-16 CR0010R- Cat F  List subclauses of 4.3 | |
| CR | [S1-183396](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183396.zip) | Siemens AG | | CR22.804v16.1.0: Clean-up of clause 4.3 and batch processing | Agreed | *WI-code FS\_CAV Rel-16 CR0010R- Cat F*  *List subclauses of 4.3*  Revision of S1-183184. | |
| CR | [S1-183185](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183185.zip) | Siemens AG | | CR22.804v16.1.0: Update to TR 22.804 clause 5.6 | Revised to S1-183397 | WI-code FS\_CAV Rel-16 CR0011R- Cat F  List subclauses of 5.6 | |
| CR | [S1-183397](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183397.zip) | Siemens AG | | CR22.804v16.1.0: Update to TR 22.804 clause 5.6 | Agreed | *WI-code FS\_CAV Rel-16 CR0011R- Cat F*  *List subclauses of 5.6*  Revision of S1-183185.  No presentation | |
| Cont | [S1-183227](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183227.zip) | Siemens AG | | Discussion on resolution of editor’s notes in TR 22.804 | Revised to S1-183333 |  | |
| Cont | [S1-183333](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183333.zip) | Siemens AG | | Discussion on resolution of editor’s notes in TR 22.804 | Noted | Revision of S1-183227. | |
| CR | [S1-183228](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183228.zip) | Siemens AG | | CR22.804v16.1.0: Resolution of editor’s notes in TR 22.804 | Revised to S1-183334 | WI-code FS\_CAV Rel-16 CR0013R- Cat F  Changes still to be made | |
| CR | [S1-183334](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183334.zip) | Siemens AG | | CR22.804v16.1.0: Resolution of editor’s notes in TR 22.804 | Revised to S1-183398 | *WI-code FS\_CAV Rel-16 CR0013R- Cat F*  *Changes still to be made*  Revision of S1-183228. | |
| CR | [S1-183398](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183398.zip) | Siemens AG | | CR22.804v16.1.0: Resolution of editor’s notes in TR 22.804 | Agreed | *WI-code FS\_CAV Rel-16 CR0013R- Cat F*  *Changes still to be made*  *Revision of S1-183228.*  Revision of S1-183334.  No presentation | |
| CR | [S1-183186](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183186.zip) | Siemens AG | | CR22.804v16.1.0: TR 22.804 - General editorial corrections | Revised to S1-183330 | WI-code FS\_CAV Rel-16 CR0012R- Cat D | |
| CR | [S1-183330](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183330.zip) | Siemens AG | | CR22.804v16.1.0: TR 22.804 - General editorial corrections | Revised to S1-183399 | *WI-code FS\_CAV Rel-16 CR0012R- Cat D*  Revision of S1-183186. | |
| CR | [S1-183399](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183399.zip) | Siemens AG | | CR22.804v16.1.0: TR 22.804 - General editorial corrections | Agreed | *WI-code FS\_CAV Rel-16 CR0012R- Cat D*  *Revision of S1-183186.*  Revision of S1-183330.  No presentation | |
| CR | [S1-183099](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183099.zip) | Nokia, Nokia Shanghai Bell | | CR22.830v16.0.0: Completion of consolidation potential requirements | Moved to 8.6 | WI-code FS\_BMNS Rel-16 CR0001R- Cat F  Correct WID code | |
| FS\_NCIS: Study on Network Controlled Interactive Service in 5GS [SP-180341] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR 22.842v0.1.0  Target completion date: SA#83 (03/2019)  Percentage completion: 25% | | | | | | | |
| Cont | [S1-183042](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183042.zip) | OPPO, Tencent | | Response to SA4 regarding VR service requirements | Revised to S1-183572 |  | |
| Cont | [S1-183572](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183572.zip) | OPPO, Tencent | | Response to SA4 regarding VR service requirements | Revised to S1-183699 | Revision of S1-183042. | |
| Cont | [S1-183699](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183699.zip) | OPPO, Tencent | | Response to SA4 regarding VR service requirements | Agreed | *Revision of S1-183042.*  Revision of S1-183572.  No presentation | |
| Cont | [S1-183043](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183043.zip) | OPPO | | NCIS TR Scope | Agreed |  | |
| Cont | [S1-183044](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183044.zip) | OPPO | | NCIS TR Introduction | Noted |  | |
| Cont | [S1-183045](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183045.zip) | OPPO | | NCIS TR Overview | Revised to S1-183573 |  | |
| Cont | [S1-183573](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183573.zip) | OPPO | | NCIS TR Overview | Agreed | Revision of S1-183045. | |
| Cont | [S1-183046](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183046.zip) | OPPO | | Gap Analysese for High Speed Scenario | Revised to S1-183574 |  | |
| Cont | [S1-183574](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183574.zip) | OPPO | | Gap Analysese for High Speed Scenario | Agreed | Revision of S1-183046. | |
| Cont | [S1-183047](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183047.zip) | OPPO | | Gap Analyses and Requirements for Interactive Service Supporting | Revised to S1-183575 |  | |
| Cont | [S1-183575](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183575.zip) | OPPO | | Gap Analyses and Requirements for Interactive Service Supporting | Revised to S1-183653 | Revision of S1-183047. | |
| Cont | [S1-183653](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183653.zip) | OPPO | | Gap Analyses and Requirements for Interactive Service Supporting | Agreed | *Revision of S1-183047.*  Revision of S1-183575. | |
| Cont | [S1-183150](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183150.zip) | Tencent, China Telecom | | Latency Requirement and Update to Use Case 5.3 | Revised to S1-183576 |  | |
| Cont | [S1-183576](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183576.zip) | Tencent, China Telecom | | Latency Requirement and Update to Use Case 5.3 | Revised to S1-183655 | Revision of S1-183150. | |
| Cont | [S1-183655](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183655.zip) | Tencent, China Telecom | | Latency Requirement and Update to Use Case 5.3 | Agreed | *Revision of S1-183150.*  Revision of S1-183576.  No presentation | |
| Cont | [S1-183151](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183151.zip) | Tencent, China Telecom | | Discussion on Packet Loss Requirement and Update to Use Case 5.3 | Revised to S1-183577 |  | |
| Cont | [S1-183577](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183577.zip) | Tencent, China Telecom | | Discussion on Packet Loss Requirement and Update to Use Case 5.3 | Revised to S1-183652 | Revision of S1-183151. | |
| Cont | [S1-183652](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183652.zip) | Tencent, China Telecom | | Discussion on Packet Loss Requirement and Update to Use Case 5.3 | Revised to S1-183654 | *Revision of S1-183151.*  Revision of S1-183577. | |
| Cont | [S1-183654](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183654.zip) | Tencent, China Telecom | | Discussion on Packet Loss Requirement and Update to Use Case 5.3 | Agreed | *Revision of S1-183151.*  *Revision of S1-183577.*  Revision of S1-183652. | |
| Cont | [S1-183108](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183108.zip) | OMESH Networks | | Use case on IoE based social networking services | Revised to S1-183582 |  | |
| Cont | [S1-183582](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183582.zip) | OMESH Networks | | Use case on IoE based social networking services | Revised to S1-183656 | Revision of S1-183108. | |
| Cont | [S1-183656](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183656.zip) | OMESH Networks | | Use case on IoE based social networking services | Revised to S1-183700 | *Revision of S1-183108.*  Revision of S1-183582. | |
| Cont | [S1-183700](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183700.zip) | OMESH Networks | | Use case on IoE based social networking services | Revised to S1-183709 | *Revision of S1-183108.*  *Revision of S1-183582.*  Revision of S1-183656. | |
| Cont | [S1-183709](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183709.zip) | OMESH Networks | | Use case on IoE based social networking services | Agreed | *Revision of S1-183108.*  *Revision of S1-183582.*  *Revision of S1-183656.*  Revision of S1-183700.  No presentation | |
| FS\_NCIS output and FS\_AVPROD + FS\_NCIS + FS\_CMED drafting session information | | | | | | | |
| TR | [S1-183280](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183280.zip) | Rapporteur (OPPO) | | TR22.842v0.2.0 to include agreements at this meeting | Agreed | No presentation | |
| TR | [S1-183281](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183281.zip) | Rapporteur (OPPO) | | Cover page for presentation of TR22.842v1.0.0 | Revised to S1-183702 |  | |
| TR | [S1-183702](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183702.zip) | Rapporteur (OPPO) | | Cover page for presentation of TR22.842v1.0.0 | Revised to S1-183710 | Revision of S1-183281. | |
| TR | [S1-183710](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183710.zip) | Rapporteur (OPPO) | | Cover page for presentation of TR22.842v1.0.0 | Revised to S1-183712 | *Revision of S1-183281.*  Revision of S1-183702. | |
| TR | [S1-183712](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183712.zip) | Rapporteur (OPPO) | | Cover page for presentation of TR22.842v1.0.0 | Agreed | *Revision of S1-183281.*  *Revision of S1-183702.*  Revision of S1-183710.  No presentation | |
| AGE | [S1-18](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183327.zip)3327 | Rapporteur / Session Chair | | FS\_AVPROD + FS\_NCIS + FS\_CMED drafting agenda | Agreed |  | |
| REP | [S1-183328](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183328.zip) | Rapporteur / Session Chair | | FS\_AVPROD + FS\_NCIS + FS\_CMED drafting report | Agreed |  | |
| FS\_AVPROD: Feasibility Study on Audio-Visual Service Production [SP-180340] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR 22.827v0.1.0  Target completion date: SA#83 (03/2019)  Percentage completion: 10% | | | | | | | |
| Cont | [S1-183059](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183059.zip) | EBU, BBC | | Single-Camera Uncompressed Outside Broadcast Contribution | Revised to S1-183564 |  | |
| Cont | [S1-183564](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183564.zip) | EBU, BBC | | Single-Camera Uncompressed Outside Broadcast Contribution | Revised to S1-183658 | Revision of S1-183059. | |
| Cont | [S1-183658](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183658.zip) | EBU, BBC | | Single-Camera Uncompressed Outside Broadcast Contribution | Agreed | *Revision of S1-183059.*  Revision of S1-183564.  No presentation | |
| Cont | [S1-183060](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183060.zip) | EBU, BBC | | Single-Camera compressed Outside Broadcast Contribution | Revised to S1-183565 |  | |
| Cont | [S1-183565](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183565.zip) | EBU, BBC | | Single-Camera compressed Outside Broadcast Contribution | Revised to S1-183659 | Revision of S1-183060. | |
| Cont | [S1-183659](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183659.zip) | EBU, BBC | | Single-Camera compressed Outside Broadcast Contribution | Agreed | *Revision of S1-183060.*  Revision of S1-183565.  No presentation | |
| Cont | [S1-183061](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183061.zip) | EBU, Ericsson | | Professional TV Production Contribution from a Multi-Camera Outside using Uncompressed Video | Revised to S1-183566 |  | |
| Cont | [S1-183566](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183566.zip) | EBU, Ericsson | | Professional TV Production Contribution from a Multi-Camera Outside using Uncompressed Video | Revised to S1-183660 | Revision of S1-183061. | |
| Cont | [S1-183660](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183660.zip) | EBU, Ericsson | | Professional TV Production Contribution from a Multi-Camera Outside using Uncompressed Video | Agreed | *Revision of S1-183061.*  Revision of S1-183566.  No presentation | |
| Cont | [S1-183062](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183062.zip) | EBU, BBC | | Simple Live Sports Commentary | Revised to S1-183567 |  | |
| Cont | [S1-183567](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183567.zip) | EBU, BBC | | Simple Live Sports Commentary | Revised to S1-183661 | Revision of S1-183062. | |
| Cont | [S1-183661](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183661.zip) | EBU, BBC | | Simple Live Sports Commentary | Agreed | *Revision of S1-183062.*  Revision of S1-183567.  No presentation | |
| Cont | [S1-183063](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183063.zip) | EBU, BBC | | Non-public 5G network deployment | Revised to S1-183568 |  | |
| Cont | [S1-183568](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183568.zip) | EBU, BBC | | Non-public 5G network deployment | Revised to S1-183663 | Revision of S1-183063. | |
| Cont | [S1-183663](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183663.zip) | EBU, BBC | | Non-public 5G network deployment | Agreed | *Revision of S1-183063.*  Revision of S1-183568.  No presentation | |
| Cont | [S1-183149](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183149.zip) | Intel | | Use Case of Live Immersive Media Production | Revised to S1-183569 |  | |
| Cont | [S1-183569](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183569.zip) | Intel | | Use Case of Live Immersive Media Production | Revised to S1-183657 | Revision of S1-183149. | |
| Cont | [S1-183657](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183657.zip) | Intel | | Use Case of Live Immersive Media Production | Agreed | *Revision of S1-183149.*  Revision of S1-183569. | |
| Cont | [S1-183172](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183172.zip) | Sennheiser electronic GmbH & Co KG, Fraunhofer HHI, Fraunhofer IIS, EBU | | Audio Streaming in Professional Live Performances | Revised to S1-183270 |  | |
| Cont | [S1-183270](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183270.zip) | Sennheiser electronic GmbH & Co KG, Fraunhofer HHI, Fraunhofer IIS, EBU | | Audio Streaming in Professional Live Performances | Revised to S1-183570 | Revision of S1-183172. | |
| Cont | [S1-183570](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183570.zip) | Sennheiser electronic GmbH & Co KG, Fraunhofer HHI, Fraunhofer IIS, EBU | | Audio Streaming in Professional Live Performances | Revised to S1-183664 | *Revision of S1-183172.*  Revision of S1-183270. | |
| Cont | [S1-183664](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183664.zip) | Sennheiser electronic GmbH & Co KG, Fraunhofer HHI, Fraunhofer IIS, EBU | | Audio Streaming in Professional Live Performances | Agreed | *Revision of S1-183172.*  *Revision of S1-183270.*  Revision of S1-183570.  No presentation | |
| Cont | [S1-183173](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183173.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS | | Live production with integrated audience services | Revised to S1-183271 |  | |
| Cont | [S1-183271](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183271.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS | | Live production with integrated audience services | Revised to S1-183571 | Revision of S1-183173. | |
| Cont | [S1-183571](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183571.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS | | Live production with integrated audience services | Revised to S1-183665 | *Revision of S1-183173.*  Revision of S1-183271. | |
| Cont | [S1-183665](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183665.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS | | Live production with integrated audience services | Agreed | *Revision of S1-183173.*  *Revision of S1-183271.*  Revision of S1-183571.  No presentation | |
| Cont | [S1-183174](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183174.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS, BBC, EBU | | Intercom system for large live events | Revised to S1-183272 |  | |
| Cont | [S1-183272](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183272.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS, BBC, EBU | | Intercom system for large live events | Revised to S1-183584 | Revision of S1-183174. | |
| Cont | [S1-183584](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183584.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS, BBC, EBU | | Intercom system for large live events | Revised to S1-183666 | *Revision of S1-183174.*  Revision of S1-183272. | |
| Cont | [S1-183666](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183666.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS, BBC, EBU | | Intercom system for large live events | Revised to S1-183703 | *Revision of S1-183174.*  *Revision of S1-183272.*  Revision of S1-183584. | |
| Cont | [S1-183703](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183703.zip) | Sennheiser, Fraunhofer HHI, Fraunhofer IIS, BBC, EBU | | Intercom system for large live events | Agreed | *Revision of S1-183174.*  *Revision of S1-183272.*  *Revision of S1-183584.*  Revision of S1-183666.  No presentation | |
| Cont | [S1-183064](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183064.zip) | EBU, BBC | | Definitions for TR22.827 | Revised to S1-183583 |  | |
| Cont | [S1-183583](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183583.zip) | EBU, BBC | | Definitions for TR22.827 | Agreed | Revision of S1-183064. | |
| Cont | [S1-183065](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183065.zip) | EBU, BBC | | Background Information on AV Production Use Cases | Noted |  | |
| WID | [S1-183098](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183098.zip) | EBU, Sennheiser | | Revised WID on Feasibility Study on Audio-Visual Service Production | Revised to S1-183585 |  | |
| WID | [S1-183585](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183585.zip) | EBU, Sennheiser | | Revised WID on Feasibility Study on Audio-Visual Service Production | Revised to S1-183667 | Revision of S1-183098. | |
| WID | [S1-183667](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183667.zip) | EBU, Sennheiser | | Revised WID on Feasibility Study on Audio-Visual Service Production | Agreed | *Revision of S1-183098.*  Revision of S1-183585.  No presentation | |
| Cont | [S1-183175](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183175.zip) | Sennheiser, Fraunhofer HHI | | Annex: Real-time audio-streaming latency budget | Agreed |  | |
| FS\_AVPROD output | | | | | | | |
| TR | [S1-183282](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183282.zip) | Rapporteur (EBU) | | TR22.827v0.2.0 to include agreements at this meeting | Agreed | No presentation | |
| TR | [S1-183283](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183283.zip) | Rapporteur (EBU) | | Cover page for presentation of TR22.827v1.0.0 | Withdrawn |  | |
| FS\_FRMCS2: Study on Future Railway Mobile Communication System 2 [SP-170588] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.889v16.4.0  Target completion date: SA#84 (06/2019)  Percentage completion: 85%  NOTE : proposed updates of TR22.889 need to use the CR format, as TR22.889 is an approved TR | | | | | | | |
| CR | [S1-183051](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183051.zip) | Kapsch CarrierCom, Nokia | | CR22.889v16.4.0: Update gap analysis for requirements in subclause 6 critical communications applications | Merged into S1-183522 | WI-code FS\_FRMCS2 Rel-16 CR0099R- Cat F | |
| CR | [S1-183522](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183522.zip) | Kapsch CarrierCom, Nokia | | CR22.889v16.4.0: Update gap analysis for requirements in subclause 6 critical communications applications | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0099R- Cat F*  Revision of S1-183051.  No presentation | |
| CR | [S1-183052](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183052.zip) | Kapsch CarrierCom, Nokia | | CR22.889v16.4.0: Update gap analysis for requirements in subclause 9.3 Service interworking with GSM-R | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0100R- Cat F | |
| CR | [S1-183053](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183053.zip) | Kapsch CarrierCom, Nokia | | CR22.889v16.4.0: Update gap analysis for requirements in subclause 12 related to interworking with GSM-R | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0101R- Cat F | |
| CR | [S1-183074](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183074.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 5 “Basic functionality use cases “ | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0108R- Cat C | |
| CR | [S1-183075](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183075.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 6.5 “Automatic Train Control “ | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0109R- Cat C | |
| CR | [S1-183076](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183076.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 6.6 “Trackside Maintenance Warning System Communication “ | Merged into S1-183522 | WI-code FS\_FRMCS2 Rel-16 CR0110R- Cat C | |
| CR | [S1-183077](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183077.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 6.17 | Noted | WI-code FS\_FRMCS2 Rel-16 CR0111R- Cat C | |
| CR | [S1-183078](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183078.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 6.18 | Revised to S1-183523 | WI-code FS\_FRMCS2 Rel-16 CR0112R- Cat C | |
| CR | [S1-183523](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183523.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 6.18 | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0112R- Cat C*  Revision of S1-183078.  No presentation | |
| CR | [S1-183079](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183079.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 9.9 | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0113R- Cat C | |
| CR | [S1-183080](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183080.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 9.17 | Noted | WI-code FS\_FRMCS2 Rel-16 CR0114R- Cat C | |
| CR | [S1-183081](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183081.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 12.10 | Revised to S1-183524 | WI-code FS\_FRMCS2 Rel-16 CR0115R- Cat C | |
| CR | [S1-183524](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183524.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 12.10 | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0115R- Cat C*  Revision of S1-183081.  No presentation | |
| CR | [S1-183082](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183082.zip) | UIC, ETRI, Hansung | | CR22.889v16.4.0: Adding gap analysis information for 12.12 | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0116R- Cat C | |
| CR | [S1-183083](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183083.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 12.15 | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0117R- Cat C | |
| CR | [S1-183084](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183084.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 12.17 | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0118R- Cat C | |
| CR | [S1-183085](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183085.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 12.20 | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0119R- Cat C | |
| CR | [S1-183086](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183086.zip) | UIC | | CR22.889v16.4.0: Adding gap analysis information for 12.21 | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0120R- Cat C | |
| CR | [S1-183164](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183164.zip) | Ericsson | | CR22.889v16.4.0: Gap Analysis of Key Management System in FRMCS | Revised to S1-183525 | WI-code FS\_FRMCS2 Rel-16 CR0121R- Cat F | |
| CR | [S1-183525](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183525.zip) | Ericsson | | CR22.889v16.4.0: Gap Analysis of Key Management System in FRMCS | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0121R- Cat F*  Revision of S1-183164. | |
| CR | [S1-183177](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183177.zip) | Nokia | | CR22.889v16.4.0: Adding gap analysis section to “7.1 Use cases related to transmission of real time video” | Revised to S1-183526 | WI-code FS\_FRMCS2 Rel-16 CR0123R- Cat D  Not Cat-D | |
| CR | [S1-183526](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183526.zip) | Nokia | | CR22.889v16.4.0: Adding gap analysis section to “7.1 Use cases related to transmission of real time video” | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0123R- Cat D*  *Not Cat-D*  Revision of S1-183177.  No presentation | |
| CR | [S1-183178](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183178.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “7.5 On-train outgoing voice communication from train staff towards a ground user related use cases” | Revised to S1-183527 | WI-code FS\_FRMCS2 Rel-16 CR0124R- Cat D  Not Cat-D | |
| CR | [S1-183527](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183527.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “7.5 On-train outgoing voice communication from train staff towards a ground user related use cases” | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0124R- Cat D*  *Not Cat-D*  Revision of S1-183178.  No presentation | |
| CR | [S1-183179](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183179.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “9.2 Assured voice communication (AVC)” | Revised to S1-183528 | WI-code FS\_FRMCS2 Rel-16 CR0125R- Cat D  Not Cat-D | |
| CR | [S1-183528](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183528.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “9.2 Assured voice communication (AVC)” | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0125R- Cat D*  *Not Cat-D*  Revision of S1-183179.  No presentation | |
| CR | [S1-183180](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183180.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “9.5 FRMCS-userFRMCS User communication handling related use cases” | Revised to S1-183529 | WI-code FS\_FRMCS2 Rel-16 CR0126R- Cat D  Not Cat-D | |
| CR | [S1-183529](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183529.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “9.5 FRMCS-userFRMCS User communication handling related use cases” | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0126R- Cat D*  *Not Cat-D*  Revision of S1-183180.  No presentation | |
| CR | [S1-183181](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183181.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “9.7 Multi user talker control related use cases” | Revised to S1-183530 | WI-code FS\_FRMCS2 Rel-16 CR0127R- Cat D  Not Cat-D | |
| CR | [S1-183530](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183530.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding gap analysis section to “9.7 Multi user talker control related use cases” | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0127R- Cat D*  *Not Cat-D*  Revision of S1-183181. | |
| CR | [S1-183221](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183221.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of wayside-centric automatic train control | Revised to S1-183531 | WI-code FS\_FRMCS2 Rel-16 CR0129R- Cat F | |
| CR | [S1-183531](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183531.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of wayside-centric automatic train control | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0129R- Cat F*  Revision of S1-183221.  No presentation | |
| CR | [S1-183222](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183222.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of Interworking with legacy systems including LMR | Revised to S1-183532 | WI-code FS\_FRMCS2 Rel-16 CR0130R- Cat F | |
| CR | [S1-183532](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183532.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of Interworking with legacy systems including LMR | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0130R- Cat F*  Revision of S1-183222.  No presentation | |
| CR | [S1-183223](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183223.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of providing broadband and mission critical services with seamless connectivity | Revised to S1-183533 | WI-code FS\_FRMCS2 Rel-16 CR0131R- Cat F | |
| CR | [S1-183533](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183533.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of providing broadband and mission critical services with seamless connectivity | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0131R- Cat F*  Revision of S1-183223. | |
| CR | [S1-183224](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183224.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of offering railway services high-quality control functions with real-time train status monitoring | Revised to S1-183534 | WI-code FS\_FRMCS2 Rel-16 CR0099R- Cat F | |
| CR | [S1-183534](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183534.zip) | Hansung University, ETRI | | CR22.889v16.4.0: Gap analysis of offering railway services high-quality control functions with real-time train status monitoring | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0099R- Cat F*  Revision of S1-183224.  No presentation | |
| CR | [S1-183066](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183066.zip) | UIC | | CR22.889v16.4.0: Off-Network use | Agreed | WI-code FS\_FRMCS2 Rel-16 CR0102R- Cat C | |
| CR | [S1-183067](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183067.zip) | UIC | | CR22.889v16.4.0: Notification to a group of users | Revised to S1-183535 | WI-code FS\_FRMCS2 Rel-16 CR0103R- Cat C | |
| CR | [S1-183535](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183535.zip) | UIC | | CR22.889v16.4.0: Notification to a group of users | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0103R- Cat C*  Revision of S1-183067.  No presentation | |
| CR | [S1-183069](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183069.zip) | UIC | | CR22.889v16.4.0: Chapter 12.10 - QoS in a railway environment | Withdrawn | WI-code FS\_FRMCS2 Rel-16 CR0104R- Cat C | |
| CR | [S1-183070](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183070.zip) | UIC | | CR22.889v16.4.0: Availability – increasing measures | Revised to S1-183537 | WI-code FS\_FRMCS2 Rel-16 CR0105R- Cat B | |
| CR | [S1-183537](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183537.zip) | UIC | | CR22.889v16.4.0: Availability – increasing measures | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0105R- Cat B*  Revision of S1-183070.  No presentation | |
| CR | [S1-183071](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183071.zip) | UIC | | CR22.889v16.4.0: Flexible use of spectrum | Revised to S1-183538 | WI-code FS\_FRMCS2 Rel-16 CR0106R- Cat B | |
| CR | [S1-183538](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183538.zip) | UIC | | CR22.889v16.4.0: Flexible use of spectrum | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0106R- Cat B*  Revision of S1-183071.  No presentation | |
| CR | [S1-183072](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183072.zip) | UIC | | CR22.889v16.4.0: Charging and Billing information related use cases | Revised to S1-183539 | WI-code FS\_FRMCS2 Rel-16 CR0107R- Cat B | |
| CR | [S1-183539](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183539.zip) | UIC | | CR22.889v16.4.0: Charging and Billing information related use cases | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0107R- Cat B*  Revision of S1-183072.  No presentation | |
| CR | [S1-183182](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183182.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding explanatory text to overview section | Revised to S1-183540 | WI-code FS\_FRMCS2 Rel-16 CR0128R- Cat D  Not Cat-D | |
| CR | [S1-183540](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183540.zip) | Nokia, Nokia Shanghai Bell | | CR22.889v16.4.0: Adding explanatory text to overview section | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0128R- Cat D*  *Not Cat-D*  Revision of S1-183182.  No presentation | |
| CR | [S1-183176](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183176.zip) | Nokia (Rapporteur) | | CR22.889v16.4.0: Editorial corrections and updates to 22.889 | Revised to S1-183541 | WI-code FS\_FRMCS2 Rel-16 CR0122R- Cat D | |
| CR | [S1-183541](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183541.zip) | Nokia (Rapporteur) | | CR22.889v16.4.0: Editorial corrections and updates to 22.889 | Agreed | *WI-code FS\_FRMCS2 Rel-16 CR0122R- Cat D*  Revision of S1-183176. | |
| FS\_5GMSG: Study on 5G message service for MIoT [SP-170704] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.824v16.0.0  Target completion date: SA#81 (09/2018)  Percentage completion: 95%  NOTE : proposed updates of TR22.824 need to use the CR format, as TR22.824 is an approved TR | | | | | | | |
| FS\_BMNS: Study on Business Role Models for Network Slicing [SP-180169] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.830v16.0.0  Target completion date: SA#81 (09/2018)  Percentage completion: 95%  NOTE : proposed updates of TR22.830 need to use the CR format, as TR22.830 is an approved TR | | | | | | | |
| CR | [S1-183099](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183099.zip) | Nokia, Nokia Shanghai Bell | | CR22.830v16.0.0: Completion of consolidation potential requirements | Agreed | WI-code FS\_BMNS Rel-16 CR0001R- Cat F  Correct WID code  Moved from 8.1 | |
| CR | [S1-183243](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183243.zip) | ETRI | | CR22.830v16.0.0: Replacing tenant with 3rd party | Revised to S1-183470 | WI-code FS\_BMNS Rel-16 CR0002R- Cat F  Correct WID code | |
| CR | [S1-183470](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183470.zip) | ETRI | | CR22.830v16.0.0: Replacing tenant with 3rd party | Revised to S1-183643 | *WI-code FS\_BMNS Rel-16 CR0002R- Cat F*  *Correct WID code*  Revision of S1-183243. | |
| CR | [S1-183643](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183643.zip) | ETRI | | CR22.830v16.0.0: Replacing tenant with 3rd party | Agreed | *WI-code FS\_BMNS Rel-16 CR0002R- Cat F*  *Correct WID code*  *Revision of S1-183243.*  Revision of S1-183470.  No presentation | |
| FS\_MPS2: Feasibility Study on Multimedia Priority Service (MPS) Phase 2 [SP-170996] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR22.854v0.4.0  Target completion date: SA#83 (03/2019)  Percentage completion: 50% | | | | | | | |
| Cont | [S1-183208](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183208.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS for Operator Video Call Invoked from a MPS Subscribed UE | Revised to S1-183436 |  | |
| Cont | [S1-183436](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183436.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS for Operator Video Call Invoked from a MPS Subscribed UE | Agreed | Revision of S1-183208. | |
| Cont | [S1-183209](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183209.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS for Operator Video Invoked from a Public UE | Revised to S1-183437 |  | |
| Cont | [S1-183437](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183437.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS for Operator Video Invoked from a Public UE | Agreed | Revision of S1-183209. | |
| Cont | [S1-183210](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183210.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Call during International Roaming | Revised to S1-183438 |  | |
| Cont | [S1-183438](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183438.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Call during International Roaming | Agreed | Revision of S1-183210. | |
| Cont | [S1-183211](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183211.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference Call Using a MPS Subscribed UE | Revised to S1-183439 |  | |
| Cont | [S1-183439](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183439.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference Call Using a MPS Subscribed UE | Revised to S1-183676 | Revision of S1-183211. | |
| Cont | [S1-183676](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183676.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference Call Using a MPS Subscribed UE | Agreed | *Revision of S1-183211.*  Revision of S1-183439.  No presentation | |
| Cont | [S1-183214](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183214.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference Call Using a Public UE | Revised to S1-183440 |  | |
| Cont | [S1-183440](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183440.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference Call Using a Public UE | Revised to S1-183677 | Revision of S1-183214. | |
| Cont | [S1-183677](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183677.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference Call Using a Public UE | Agreed | *Revision of S1-183214.*  Revision of S1-183440.  No presentation | |
| Cont | [S1-183216](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183216.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | Operator Video Conference Host Invocation of MPS for All Participants | Revised to S1-183441 |  | |
| Cont | [S1-183441](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183441.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | Operator Video Conference Host Invocation of MPS for All Participants | Revised to S1-183678 | Revision of S1-183216. | |
| Cont | [S1-183678](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183678.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | Operator Video Conference Host Invocation of MPS for All Participants | Agreed | *Revision of S1-183216.*  Revision of S1-183441.  No presentation | |
| Cont | [S1-183217](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183217.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference during International Roaming | Revised to S1-183442 |  | |
| Cont | [S1-183442](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183442.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference during International Roaming | Revised to S1-183679 | Revision of S1-183217. | |
| Cont | [S1-183679](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183679.zip) | Vencore Labs, OEC, AT&T, T-Mobile USA | | MPS Operator Video Conference during International Roaming | Agreed | *Revision of S1-183217.*  Revision of S1-183442.  No presentation | |
| FS\_MPS2 output | | | | | | | |
| TR | [S1-183284](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183284.zip) | Rapporteur (Vencore Labs) | | TR22.854v0.5.0 to include agreements at this meeting | Agreed | Rapporteur provides draft by Monday 19/11, delegates check implemtation until Wednesday 21/11, final upload before Friday 23/11. All in CET.  No presentation | |
| TR | [S1-183285](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183285.zip) | Rapporteur (Vencore Labs) | | Cover page for presentation of TR22.854v1.0.0 | Withdrawn |  | |
| FS\_V2XIMP: Study on Improvement of V2X Service Handling [SP-180247] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TR 22.886v16.1.1  Target completion date: SA#81 (09/2018)  Percentage completion: 95%  NOTE : proposed updates of TR22.886 need to use the CR format, as TR22.886 is an approved TR | | | | | | | |
| CR | [S1-183009](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183009.zip) | LG Electronics | | CR22.886v16.1.1: Corrections to FS\_V2XIMP | Revised to S1-183443 | WI-code FS\_V2XIMP Rel-16 CR0031R- Cat F  5.30.1.2 missing from clauses affected | |
| CR | [S1-183443](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183443.zip) | LG Electronics | | CR22.886v16.1.1: Corrections to FS\_V2XIMP | Agreed | *WI-code FS\_V2XIMP Rel-16 CR0031R- Cat F*  *5.30.1.2 missing from clauses affected*  Revision of S1-183009. | |
| Cont | [S1-183034](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183034.zip) | ZTE, LG Electronics | | FS\_V2XIMP Consolidation of Requirements Set 1 – DP | Revised to S1-183462 |  | |
| Cont | [S1-183462](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183462.zip) | ZTE, LG Electronics | | FS\_V2XIMP Consolidation of Requirements Set 1 – DP | Noted | Revision of S1-183034. | |
| CR | [S1-183035](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183035.zip) | ZTE Corporation | | CR22.886v16.1.1: Supplementary consolidated requirements for FS\_V2XIMP | Revised to S1-183444 | WI-code FS\_V2XIMP Rel-16 CR0032R- Cat F  Avoid revision marks on cover page | |
| CR | [S1-183444](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183444.zip) | ZTE Corporation | | CR22.886v16.1.1: Supplementary consolidated requirements for FS\_V2XIMP | Agreed | *WI-code FS\_V2XIMP Rel-16 CR0032R- Cat F*  *Avoid revision marks on cover page*  Revision of S1-183035.  No presentation | |
| CR | [S1-183091](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183091.zip) | LG Electronics Mobile Research, ZTE Corporation | | CR22.886v16.1.1: Clarification on details of estimation information for different V2X applications | Revised to S1-183445 | WI-code FS\_V2XIMP Rel-16 CR0033R- Cat F | |
| CR | [S1-183445](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183445.zip) | LG Electronics Mobile Research, ZTE Corporation | | CR22.886v16.1.1: Clarification on details of estimation information for different V2X applications | Agreed | *WI-code FS\_V2XIMP Rel-16 CR0033R- Cat F*  Revision of S1-183091.  No presentation | |
| FS\_CMED: Feasibility Study on Communication Services for Critical Medical Applications [SP-180783] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.826vx.x.x  Target completion date: SA#85 (09/2019)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-183019](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183019.zip) | b<>com | | FS\_CMED Skeleton for TR 22.826 | Revised to S1-183578 |  | |
| Cont | [S1-183578](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183578.zip) | b<>com | | FS\_CMED Skeleton for TR 22.826 | Agreed | Revision of S1-183019.  No presentation | |
| Cont | [S1-183118](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183118.zip) | b<>com | | FS\_CMED – TR22.826 Scope section | Revised to S1-183579 |  | |
| Cont | [S1-183579](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183579.zip) | b<>com | | FS\_CMED – TR22.826 Scope section | Agreed | Revision of S1-183118.  No presentation | |
| Cont | [S1-183020](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183020.zip) | b<>com | | Augmented Reality Assisted Surgery | Revised to S1-183562 |  | |
| Cont | [S1-183562](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183562.zip) | b<>com | | Augmented Reality Assisted Surgery | Revised to S1-183581 | Revision of S1-183020. | |
| Cont | [S1-183581](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183581.zip) | b<>com | | Augmented Reality Assisted Surgery | Revised to S1-183669 | *Revision of S1-183020.*  Revision of S1-183562. | |
| Cont | [S1-183669](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183669.zip) | b<>com | | Augmented Reality Assisted Surgery | Agreed | *Revision of S1-183020.*  *Revision of S1-183562.*  Revision of S1-183581.  No presentation | |
| Cont | [S1-183021](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183021.zip) | b<>com | | Duplicating Video on multiple monitors | Revised to S1-183561 |  | |
| Cont | [S1-183561](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183561.zip) | b<>com | | Duplicating Video on multiple monitors | Revised to S1-183586 | Revision of S1-183021. | |
| Cont | [S1-183586](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183586.zip) | b<>com | | Duplicating Video on multiple monitors | Revised to S1-183670 | *Revision of S1-183021.*  Revision of S1-183561. | |
| Cont | [S1-183670](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183670.zip) | b<>com | | Duplicating Video on multiple monitors | Agreed | *Revision of S1-183021.*  *Revision of S1-183561.*  Revision of S1-183586.  No presentation | |
| Cont | [S1-183022](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183022.zip) | b<>com | | Section 5.2.1 of TR22.826 | Revised to S1-183580 |  | |
| Cont | [S1-183580](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183580.zip) | b<>com | | Section 5.2.1 of TR22.826 | Agreed | Revision of S1-183022. | |
| Cont | [S1-183023](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183023.zip) | b<>com | | FS\_CMED: Emergency care – Ultrasound examination and remote interventional support | Revised to S1-183563 |  | |
| Cont | [S1-183563](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183563.zip) | b<>com | | FS\_CMED: Emergency care – Ultrasound examination and remote interventional support | Revised to S1-183587 | Revision of S1-183023. | |
| Cont | [S1-183587](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183587.zip) | b<>com | | FS\_CMED: Emergency care – Ultrasound examination and remote interventional support | Revised to S1-183671 | *Revision of S1-183023.*  Revision of S1-183563. | |
| Cont | [S1-183671](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183671.zip) | b<>com | | FS\_CMED: Emergency care – Ultrasound examination and remote interventional support | Agreed | *Revision of S1-183023.*  *Revision of S1-183563.*  Revision of S1-183587.  No presentation | |
| FS\_CMED output | | | | | | | |
| TR | [S1-183018](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183018.zip) | Rapporteur (B-Com) | | TR22.826v0.1.0 to include agreements at this meeting | Agreed | No presentation | |
| FS\_5G\_ATRAC: Study on Asset Tracking Use Cases [SP-180922] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.836vx.x.x  Target completion date: SA#84 (06/2019)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-183154](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183154.zip) | Novamint | | Skeleton for TR 22.836 on Asset Tracking Use Cases (5G\_ATRAC) | Agreed |  | |
| Cont | [S1-183156](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183156.zip) | Novamint | | TR22.836 Scope | Revised to S1-183593 |  | |
| Cont | [S1-183593](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183593.zip) | Novamint | | TR22.836 Scope | Agreed | Revision of S1-183156. | |
| Cont | [S1-183246](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183246.zip) | Novamint | | Overview section for TR 22.836 | Revised to S1-183378 |  | |
| Cont | [S1-183378](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183378.zip) | Novamint | | Overview section for TR 22.836 | Agreed | Revision of S1-183246.  No presentation | |
| Cont | [S1-183159](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183159.zip) | Novamint | | Use Case on Container Tracking | Revised to S1-183594 |  | |
| Cont | [S1-183594](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183594.zip) | Novamint | | Use Case on Container Tracking | Revised to S1-183379 | Revision of S1-183159. | |
| Cont | [S1-183379](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183379.zip) | Novamint | | Use Case on Container Tracking | Revised to S1-183648 | *Revision of S1-183159.*  Revision of S1-183594. | |
| Cont | [S1-183648](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183648.zip) | Novamint | | Use Case on Container Tracking | Revised to S1-183693 | *Revision of S1-183159.*  *Revision of S1-183594.*  Revision of S1-183379. | |
| Cont | [S1-183693](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183693.zip) | Novamint | | Use Case on Container Tracking | Agreed | *Revision of S1-183159.*  *Revision of S1-183594.*  *Revision of S1-183379.*  Revision of S1-183648.  No presentation | |
| Cont | [S1-183220](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183220.zip) | Novamint | | Use Case on Wagon Tracking | Revised to S1-183595 |  | |
| Cont | [S1-183595](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183595.zip) | Novamint | | Use Case on Wagon Tracking | Revised to S1-183649 | Revision of S1-183220. | |
| Cont | [S1-183649](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183649.zip) | Novamint | | Use Case on Wagon Tracking | Revised to S1-183694 | *Revision of S1-183220.*  Revision of S1-183595. | |
| Cont | [S1-183694](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183694.zip) | Novamint | | Use Case on Wagon Tracking | Agreed | *Revision of S1-183220.*  *Revision of S1-183595.*  Revision of S1-183649.  No presentation | |
| FS\_5G\_ATRAC output | | | | | | | |
| TR | [S1-183286](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183286.zip) | Rapporteur (Novamint) | | TR22.836v0.1.0 to include agreements at this meeting | Agreed | No presentation | |
| FS\_REFEC: Study on enhanced Relays for Energy eFficiency and Extensive Coverage [SP-180785] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.866vx.x.x  Target completion date: SA#84 (06/2019)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-183192](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183192.zip) | KPN | | Skeleton for FS\_REFEC | Agreed |  | |
| Cont | [S1-183193](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183193.zip) | KPN | | Scope section FS\_REFEC | Agreed |  | |
| Cont | [S1-183194](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183194.zip) | KPN | | Overview section FS\_REFEC | Noted |  | |
| Cont | [S1-183102](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183102.zip) | OMESH Networks | | TP on Multihop Communications in 3GPP 5G | Revised to S1-183380 |  | |
| Cont | [S1-183380](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183380.zip) | OMESH Networks | | TP on Multihop Communications in 3GPP 5G | Noted | Revision of S1-183102. | |
| Cont | [S1-183103](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183103.zip) | OMESH Networks | | TP on smart city and community services | Revised to S1-183382 |  | |
| Cont | [S1-183382](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183382.zip) | OMESH Networks | | TP on smart city and community services | Agreed | Revision of S1-183103. | |
| Cont | [S1-183104](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183104.zip) | OMESH Networks | | Use case on Micro-environment services | Revised to S1-183383 |  | |
| Cont | [S1-183383](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183383.zip) | OMESH Networks | | Use case on Micro-environment services | Withdrawn | Revision of S1-183104. | |
| Cont | [S1-183105](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183105.zip) | OMESH Networks | | Use case on elder and child services | Revised to S1-183384 |  | |
| Cont | [S1-183384](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183384.zip) | OMESH Networks | | Use case on elder and child services | Withdrawn | Revision of S1-183105. | |
| Cont | [S1-183106](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183106.zip) | OMESH Networks | | Use case on parking and transportation services | Revised to S1-183391 |  | |
| Cont | [S1-183391](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183391.zip) | OMESH Networks | | Use case on parking and transportation services | Withdrawn | Revision of S1-183106. | |
| Cont | [S1-183107](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183107.zip) | OMESH Networks | | Use case on new retailer services | Noted |  | |
| Cont | [S1-183131](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183131.zip) | InterDigital | | Use case for multi-hop relays on the factory floor | Revised to S1-183385 |  | |
| Cont | [S1-183385](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183385.zip) | InterDigital | | Use case for multi-hop relays on the factory floor | Revised to S1-183647 | Revision of S1-183131. | |
| Cont | [S1-183647](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183647.zip) | InterDigital | | Use case for multi-hop relays on the factory floor | Revised to S1-183704 | *Revision of S1-183131.*  Revision of S1-183385. | |
| Cont | [S1-183704](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183704.zip) | InterDigital | | Use case for multi-hop relays on the factory floor | Agreed | *Revision of S1-183131.*  *Revision of S1-183385.*  Revision of S1-183647.  No presentation | |
| FS\_REFEC output | | | | | | | |
| TR | [S1-183287](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183287.zip) | Rapporteur (KPN) | | TR22.866v0.1.0 to include agreements at this meeting | Agreed | No presentation | |
| FS\_EAV: Study on enhancement for UAVs [SP-180786] | | | | | | | |
| **Work status prior to this meeting:**  Latest version: TS22.829vx.x.x  Target completion date: SA#86 (12/2019)  Percentage completion: 0% | | | | | | | |
| Cont | [S1-183031](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183031.zip) | China Unicom | | FS\_EAV TR 22.829 skeleton | Agreed |  | |
| Cont | [S1-183032](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183032.zip) | China Unicom | | FS\_EAV TR 22.829 introduction | Revised to S1-183446 |  | |
| Cont | [S1-183446](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183446.zip) | China Unicom | | FS\_EAV TR 22.829 introduction | Revised to S1-183680 | Revision of S1-183032. | |
| Cont | [S1-183680](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183680.zip) | China Unicom | | FS\_EAV TR 22.829 introduction | Agreed | *Revision of S1-183032.*  Revision of S1-183446.  No presentation | |
| Cont | [S1-183033](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183033.zip) | China Unicom | | FS\_EAV TR 22.829 scope | Revised to S1-183447 |  | |
| Cont | [S1-183447](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183447.zip) | China Unicom | | FS\_EAV TR 22.829 scope | Revised to S1-183681 | Revision of S1-183033. | |
| Cont | [S1-183681](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183681.zip) | China Unicom | | FS\_EAV TR 22.829 scope | Agreed | *Revision of S1-183033.*  Revision of S1-183447.  No presentation | |
| Cont | [S1-183027](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183027.zip) | China Unicom | | Use case for uplink transmission of a UAV | Noted |  | |
| Cont | [S1-183028](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183028.zip) | China Unicom | | Use case for UL and DL transmission of a UAV | Revised to S1-183448 |  | |
| Cont | [S1-183448](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183448.zip) | China Unicom | | Use case for UL and DL transmission of a UAV | Withdrawn | Revision of S1-183028. | |
| Cont | [S1-183029](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183029.zip) | China Unicom | | Use case for network slicing of UAVs | Revised to S1-183449 |  | |
| Cont | [S1-183449](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183449.zip) | China Unicom | | Use case for network slicing of UAVs | Withdrawn | Revision of S1-183029. | |
| Cont | [S1-183030](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183030.zip) | China Unicom | | Use case for the edge computing of UAVs | Noted |  | |
| Cont | [S1-183130](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183130.zip) | InterDigital | | Use case for varied UAV control KPIs | Not handled |  | |
| Cont | [S1-183132](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183132.zip) | ZTE Corporation | | Use case of UAV supporting evolved high resolution video live broadcast application | Revised to S1-183463 |  | |
| Cont | [S1-183463](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183463.zip) | ZTE Corporation | | Use case of UAV supporting evolved high resolution video live broadcast application | Agreed | Revision of S1-183132. | |
| Cont | [S1-183148](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183148.zip) | Intel | | Use Case of UAS Command and Control (C2) Communication | Revised to S1-183464 |  | |
| Cont | [S1-183464](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183464.zip) | Intel | | Use Case of UAS Command and Control (C2) Communication | Revised to S1-183682 | Revision of S1-183148. | |
| Cont | [S1-183682](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\docs\S1-183682.zip) | Intel | | Use Case of UAS Command and Control (C2) Communication | Agreed | *Revision of S1-183148.*  Revision of S1-183464.  No presentation | |
| Cont | [S1-183162](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183162.zip) | CATT | | Use case for UAV on-board Base Station | Revised to S1-183465 |  | |
| Cont | [S1-183465](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183465.zip) | CATT | | Use case for UAV on-board Base Station | Agreed | Revision of S1-183162. | |
| FS\_EAV output | | | | | | | |
| TR | [S1-183288](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183288.zip) | Rapporteur (China Unicom) | | TR22.829v0.1.0 to include agreements at this meeting | Agreed | No presentation | |
| 1. **Other technical contributions** | | | | | | | |
| 1. **Work planning contributions** | | | | | | | |
| * 1. **Work Plan** | | | | | | | |
| REP | [S1-183241](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183241.zip) | Qualcomm | | Release 17 stage 1 freeze date | Revised to S1-183336 |  | |
| REP | [S1-183336](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183336.zip) | Qualcomm | | Release 17 stage 1 freeze date | Noted | Revision of S1-183241. | |
| * 1. **Work Item/Study Item status update** | | | | | | | |
| REP | [S1-183289](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183289.zip) | Nokia | | MONASTERY2 – Status report | Noted |  | |
| REP | [S1-183290](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183290.zip) | Nokia | | FS\_FRMCS2 – Status report | Noted |  | |
| REP | [S1-183291](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183291.zip) | China Mobile | | enIMS – Status report | Noted |  | |
| REP | [S1-183292](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183292.zip) | Vodafone | | SMARTER Ph2 – Status report | Noted | 100% | |
| REP | [S1-183293](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183293.zip) | Huawei | | QoS\_MON – Status report | Noted |  | |
| REP | [S1-183294](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183294.zip) | Ericsson | | MuD – Status report | Noted |  | |
| REP | [S1-183295](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183295.zip) | OPPO | | MOBRT – Status report | Withdrawn |  | |
| REP | [S1-183296](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183296.zip) | KPN | | 5GLAN – Status report | Noted |  | |
| REP | [S1-183297](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183297.zip) | Siemens | | cyberCAV – Status report | Noted |  | |
| REP | [S1-183298](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183298.zip) | THALES | | 5GSAT – Status report | Noted |  | |
| REP | [S1-183299](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183299.zip) | SyncTechno | | MARCOM – Status report | Noted |  | |
| REP | S1-183300 | Deutsche Telekom | | UIA – Status report | Withdrawn |  | |
| REP | [S1-183301](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183301.zip) | ESA | | 5G\_HYPOS – Status report | Noted |  | |
| REP | [S1-183302](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183302.zip) | China Mobile | | FS\_5GMSG – Status report | Noted |  | |
| REP | [S1-183303](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183303.zip) | Nokia | | FS\_BMNS – Status report | Noted |  | |
| REP | [S1-183304](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183304.zip) | Vencore Labs | | FS\_MPS2 – Status report | Noted | Change of completion dates | |
| REP | [S1-183305](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183305.zip) | LGE | | FS\_V2XIMP – Status report | Noted |  | |
| REP | [S1-183306](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183306.zip) | EBU | | FS\_AVPROD – Status report | Noted | Change of completion dates | |
| REP | [S1-183307](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183307.zip) | OPPO | | FS\_NCIS – Status report | Noted |  | |
| REP | [S1-183308](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183308.zip) | Nokia | | BRMNS – Status report | Noted |  | |
| REP | [S1-183309](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183309.zip) | B-Com | | FS\_CMED – Status report | Noted |  | |
| REP | [S1-183310](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183310.zip) | Novamint | | FS\_5G\_ATRAC – Status report | Noted |  | |
| REP | [S1-183311](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183311.zip) | KPN | | FS\_REFEC – Status report | Noted |  | |
| REP | [S1-183312](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183312.zip) | Qualcomm | | ID\_UAS – Status report | Noted |  | |
| REP | [S1-183313](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183313.zip) | China Unicom | | FS\_EAV – Status report | Noted |  | |
| REP | [S1-183314](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183314.zip) | China Mobile | | MSGin5G – Status report | Noted |  | |
| REP | [S1-183625](file:///C:\Users\norpahj\Documents\Local%203GPP%20copy\SA1%20Spokane%202018\Docs\S1-183625.zip) | LG | | V2XIMP – Status report | Noted |  | |
| * 1. **SA1 process improvements/updates** | | | | | | | |
| * 1. **Other non-technical contributions** | | | | | | | |
| 1. **Next meetings** | | | | | | | |
| * 1. **Calendar** | | | | | | | |
| **2018 meetings:**  SA1#84 12-16 Nov 2018 Spokane, 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  **2020 meetings:**  SA1#89 3-7 Feb 2020 (TBD) Asia  SA1#90 18-22 May 2020 Canada  SA1#91 24-28 August 2020 Europe  SA1#92 16-20 Nov 2020 Asia / Australia | | | | | | | |
| 1. **Any other business** | | | | | | | |
| 1. **Close** | | | | | | | |
| Close by 16:00 on Friday 16 November 2018 | | | | | | | |