**3GPP TSG SA Meeting #88E List of Documents**

**30 June - 03 July 2020, Electronic meeting**

**IPR call reminder:**

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| ***“I draw your attention to your obligations under the 3GPP Partner Organizations’ IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP.******Delegates are asked to take note that they are thereby invited:**** ***to investigate whether their organization or any other organization owns IPRs which are, or are likely to become Essential in respect of the work of 3GPP.***
* ***to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms"***
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**Antitrust policy Reminder:**

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| ***“I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chairman and Vice Chairman. In case of question I recommend that you contact your legal counsel.******The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.******Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters.”*** |

**Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR)**

**Entity List in 3GPP Activities** [**https://www.3gpp.org/about-3gpp/legal-matters**](https://www.3gpp.org/about-3gpp/legal-matters)

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| ***1. Public Information is Not Subject to EAR****3GPP is an open platform where all contributions (including technology protected or not by patent) made by the different Individual Members under the membership of each respective Organizational Partner are publicly available. Indeed, contributions by all and any Individual Members are uploaded to a public file server when received and then the documents are effectively in the public domain.**In addition, since membership of email distribution lists is open to all, documents and emails distributed by that means are considered to be publicly available.**As a result, information contained in 3GPP contributions, documents, and emails distributed at 3GPP meetings or by 3GPP email distribution lists, because it is made available to the public without restrictions upon its further dissemination, is not subject to the export restrictions of the EAR.**Meeting minutes are maintained for 3GPP meetings. Such meeting minutes for 3GPP meetings are made available to the public without restrictions upon its further dissemination. As a result, information, including conveyed orally, contained in 3GPP meetings is not subject to the export restriction of the EAR.****2. Non-Public Information****Non-public information refers to the information not contained or not intended to be contained in 3GPP contributions, documents or emails. Such non-public information may be disclosed during informal meetings, exchanges, discussions or any form of other communication outside the 3GPP meetings and email distribution lists.**For the duration of the Temporary General License (TGL) issued by the Bureau of Industry and Security (BIS) of the US Department of Commerce on May 20, 2019 and extended on August 19, 2019, there are no restrictions on the release of non-public information to companies added to the Entity List on May 16, 2019 and August 19, 2019, to the extent that information is necessary to maintain, service, or support existing handsets, networks or equipment, or "as necessary for development of 5G standards."****3. Other Information****Certain encryption software controlled under the International Traffic in Arms Regulations (ITAR), even if publicly available, may still be subject to US export controls other than the EAR.****4. Conduct of Meetings****Until further notice, the situation should be considered as "business as usual" during all the meetings called by 3GPP.****5. Responsibility of Individual Members****It should be remembered that contributions, meetings, exchanges, discussions or any form of other communication in or outside the 3GPP meetings are of the accountability, integrity and the responsibility of each Individual Member. In addition, Individual Members remain responsible for ensuring that none of their technical contributions include classified encryption software or other information that is subject to US export control under the ITAR or other applicable US export control regulations.**Individual Members with questions regarding the impact of laws and regulations on their participation in 3GPP should contact their companies' legal counsels.* |

List for Meeting: **All Sessions**
**Temporary Documents List - Ordered by Agenda Item**

| **AI**  | **TD#**  | **Type**  | **Doc For**  | **Subject**  | **Source**  | **Rel**  | **Comments**  | **e-mail\_Discussion**  | **Result**  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | - | - | - | All Agenda Items | - | - | Docs:=0 |  | **-**  |
| 1 | - | - | - | Opening of the Meeting by e-mail | - | - | Docs:=0 |  | **-**  |
| 1.1 | - | - | - | Welcome Speech | - | - | Docs:=0 |  | **-**  |
| 1.2 | - | - | - | Introduction | - | - | Docs:=2 |  | **-**  |
| 1.2 | **SP-200582** | OTHER | Information | 3GPP Officials | TSG SA Chairman |  | Noted in CC#1 |  | Noted |
| 1.2 | **SP-200581** | OTHER | Information | 3GPP Newcomer Orientation Session | TSG SA Chairman |  | Noted in CC#1 |  | Noted |
| 1.3 | - | - | - | IPR & Antitrust reminders | - | - | Docs:=0 |  | **-**  |
| 1.4 | - | - | - | Approval of Agenda | - | - | Docs:=2 |  | **-**  |
| 1.4 | **SP-200299** | AGENDA | Approval | Agenda & Procedures & Time Schedule for TSG SA#88-e | TSG SA Chairman |  | Approved in CC#1 |  | **Approved**  |
| 1.4 | **SP-200600** | AGENDA | Information | SA#88-e GoToMeetings Agenda | TSG SA Chairman |  | Proposed Action: noted (latest revision) | TSG SA Chairman provides \_rev1 for CC#1.TSG SA Chairman provides \_rev2 for CC#2. |  |
| 1.5 | - | - | - | Report from previous SA meetings | - | - | Docs:=2 |  | **-**  |
| 1.5 | **SP-200300** | REPORT | Approval | Draft report of TSG SA meeting #86 | TSG SA Secretary |  | Approved in CC#1 |  | **Approved**  |
| 1.5 | **SP-200301** | REPORT | Approval | Draft report of TSG SA meeting #87E | TSG SA Secretary |  | Approved in CC#1 |  | **Approved**  |
| 1.6 | - | - | - | Reports from TSG SA ad-hoc meetings and workshops | - | - | Docs:=0 |  | **-**  |
| 2 | - | - | - | Liaisons Statements | - | - | Docs:=0 |  | **-**  |
| Block 1 | - | - | - | All documents in agenda item 2.1 (LS in - proposed to note) will be noted on Tuesday June 30, 15:00 UTC if not otherwise indicated | - | - | Docs:=0 |  | **-**  |
| 2.1 | - | - | - | Incoming LSs - proposed to note | - | - | Docs:=20 |  | **-**  |
| 2.1 | **SP-200313** | LS In | Information | LS from ETSI: Liaison about ETSI ISG NIN (Non-IP Networking) | ETSI (NIN(20)000011r1) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200314** | LS In | Information | LS from ITU-WRC: World Radiocommunication Conference, Sharm el-Sheikh, 2019 (WRC-19) Resolutions | ITU-WRC (O-2020-001473 (3GPP)) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200315** | LS In | Information | LS from TSG SA: LS on Sidelink Positioning for advanced V2X applications | SAE Advanced Application Technical Committee (SAE AA TC LS to 3GPP RAN v07a) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200316** | LS In | Information | LS from GSMA SECAG: NESAS Official Launch | GSMA SECAG (SECAG Doc 57\_015) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200317** | LS In | Information | LS from ITU-T SG13: LS/o on the agreement of Supplement 59 to ITU-T Y.3100-series Recommendations 'IMT-2020 standardization roadmap' | ITU-T SG13 (SG13-LS150) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200318** | LS In | Information | LS from ITU-T SG3: LS/o on ongoing work within ITU-T Study Group 3 (SG3) on new Technical Report on 'IMT2020-Related Policy Considering MVNOs' | ITU-T SG3 (SG3-LS80) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200319** | LS In | Information | LS from CT WG6: Reply LS to LS on support for eCall over NR | CT WG6 (C6-200332) | Rel-16 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200320** | LS In | Information | LS from RAN WG3: LS on port allocation | RAN WG3 (R3-202553) | Rel-16 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200321** | LS In | Information | LS from SA WG1: Reply LS on Questions on onboarding requirements | SA WG1 (S1-202266) | Rel-17 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200322** | LS In | Information | LS from SA WG2: Reply LS on Questions on onboarding requirements | SA WG2 (S2-2003216) | Rel-17 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200327** | LS In | Information | LS from SA WG3: LS on Updated User Plane Integrity Protection advice | SA WG3 (S3-201487) | Rel-16 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200328** | LS In | Information | LS from SA WG5: LS on network data analysis energy saving  | SA WG5 (S5-203360) | Rel-17 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200330** | LS In | Information | LS from SA WG5: Reply LS on energy efficiency  | SA WG5 (S5-203016) | Rel-16 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200329** | LS In | Information | LS from SA WG6: Reply LS on ITU-R WP5D report on the use of IMT for PPDR  | SA WG6 (S6-200934) |  | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200451** | LS In | Information | LS from SA WG5: LS on SA5 Rel-17 work on SLA  | SA WG5 (S5-203370) | Rel-17 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200459** | LS In | Information | LS from CT WG1: Reply LS on Updated User Plane Integrity Protection advice | CT WG1 (C1-204194) | Rel-16 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200460** | LS In | Information | LS from SA WG2: Reply LS on Statement on UAV Remote ID Priority in Release 17  | SA WG2 (S2-2004663) | Rel-17 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200521** | LS In | Information | LS from CT WG4: Reply LS on port allocation | CT WG4 (C4-203712) | Rel-16 | Block Noted in CC#1 |  | Noted |
| 2.1 | **SP-200615** | LS In | Information | LS from TSG CT: Reply LS on port allocation | TSG CT (CP-201316) | Rel-16 | Noted at CC#3 |  | Noted |
| 2.1 | **SP-200616** | LS In | Information | LS from TSG CT: LS on port allocation for the W1 interface | TSG CT (CP-201349) | Rel-16 | Noted at CC#3 |  | Noted |
| Block 2 | - | - | - | All documents in agenda item 2.2 (LS in - actions) which have a proposed action 'noted' will be noted on Wednesday July 1, 15:00 UTC if not otherwise indicated | - | - | Docs:=0 |  | **-**  |
| 2.2 | - | - | - | Incoming LSs which need an outgoing LS and | - | - | Docs:=21 |  | **-**  |
| 2.2 | **SP-200601** | LS In | Action | LS from TSG CT: LS on port allocation  | TSG CT (CP-201315) | Rel-16 | The latest version developed by TSG CT was endorsed. |  | **Endorsed**  |
| 2.2 | **SP-200325** | LS In | Information | LS from SA WG2: Reply LS on IAB supporting in NPN deployment | SA WG2 (S2-2004469) | Rel-16 | Actions to RAN WG2 and RAN WG3: To inform TSG SA the actual progress in order to decide whether the corresponding SA WG2 CR can be approved or not (SP-200435). Noted at CC#3 |  | Noted |
| 2.2 | **SP-200312** | LS In | Action | LS from IETF: Re: LS on need for Multi-Path QUIC for ATSSS | IETF (LS\_from\_IETF) |  | This LS was forwarded to SA WG2. |  | Noted |
| 2.2 | **SP-200533** | LS In | Action | LS from GSMA: Inclusion of full-rate UPIP for 5GSA in 3GPP Release 16 | GSMA (GSMA\_LS200604) | Rel-16 | Proposed Action: TBDProposed Action: Noted | Johannes (Deutsche Telekom AG): It is proposed to merge response LSs to GSMA Board and GSMA CVD and revise SP-200540 to address both groups with the outcome of the SA#88-e meeting. |  |
| 2.2 | **SP-200309** | LS In | Action | LS from 5GAA WG4: LS on eCall Support on 5G Core with NR | 5GAA WG4 (5GAA\_S-200065.) |  | All necessary CRs for eCall over NR have been completed. This LS was then noted. Proposed Action: Possibly reply needed |  | Noted |
| 2.2 | **SP-200310** | LS In | Action | LS from IALA: Liaison Note to TSG SA - Request for information | IALA (C71-11.5.1) |  | This LS was postponed. Proposed Action: Reply LS to IALA is needed | Hyounhee Koo (SyncTechno Inc.): It is proposed to postpone the discussion on the reply liaison for SP-200310 to TSG SA#89e in September 2020 because the next IALA meeting is scheduled to be held in October 2020. | Postponed |
| 2.2 | **SP-200602** | LS In | Action | LS from 5G-ACIA: 5G capabilities exposure for factories of the future | 5G-ACIA (5G-ACIA\_LS\_29062020) |  | Response drafted in SP-200608. Noted at CC#3 | MCC Allocates SP-200608 to response to this LS. | Noted |
| 2.2 | **SP-200608** | LS OUT | Approval | Reply-LS on 5G capabilities exposure for factories of the future | TSG SA |  | Response to SP-200602. Withdrawn at CC#3. | Johannes (Deutsche Telekom AG): provides SP-200608: Reply-LS to 5G-ACIA on 5G capabilities for factories of the future: 3GPP TSG SA would like to thank 5G-ACIA for the liaison statement and the attached white paper on Exposure of 5G capabilities for connected industries and automation applications. 3GPP work in all groups is contribution driven and the work plan captures the features based on work items agreed in different working groups. 3GPP invites individual member companies to provide contributions on these additional use cases and requirements to the individual 3GPP working groups starting at stage1, i.e. SA WG1. Subsequently stage2 and stage3 work will be progressed accordingly.No further action to 5G-ACIA.LaeYoung (LGE) provides updated version with editorial changes.Krister (Ericsson): proposes revision SP-200608 to add some content to the response LSMiikka (Nokia) comments version provided by Ericsson and LGE ('E\_LGE').Vodafone thinks there is value in retaining the original text as provided by Magenta and proposes to add SA6 to the information for 5G-ACIA.Siemens questions whether non-3GPP entities need to be addressed in the reply. Proposed action: delete all non-3GPP addressees in the reply-LSDeutsche Telekom likes to raise some concerns to depict specific working groups to act and suggest implicitly to external bodies to interact directly with working groups. Any work in 3GPP shall be done based on requirements and then downstream groups. Hence SA1 is the hook-up point for new features or gap analysis to be targeted.Ericsson points out that 3GPP has been doing work in SA6 to address API developments in 3GPP that is utilizing lower layers such as NEF in SA2.After offline discussion Vodafone proposed a slight alteration to their proposed wording.Siemens provides background information on the 5G-ACIA whitepaper.Ericsson prefer the draft version in the draft folder provided by LGEJohannes (Deutsche Telekom): Editor provided a draft\_rev1 in the inbox/drafts to reflect all the comments received up to now and to discuss potential way forward in the Call. There is somehow a deadlock on how to proceed with reflecting scope and additions of downstream groups. As DT has stated before, we are not agreeing to include any stage2 or stage3 group or their potential scope in an LS at the current stage. The LS came in late and the whitepaper was just published 2 days before the meeting started. Therefore it is premature to indicate some other potential stage2 and stage3 groups for potential work to do.Huawei commented 5G-ACIA had good collaboration with 3GPP since R16, and this should continue. Since it is not possible to give a tech analysis in plenary, specific working groups are not needed to mention in this LS, as all 3GPP work is contribution driven.Vodafone accepts the draft\_ rev1 provided by the editor in the inbox/drafts folder on the grounds that less is more. As we cannot agree on more detailed wording it is better to use fewer words as per draft\_rev1.Ericsson disagrees with version from DT and provides an updated version in the draft folder.Futurewei supports the way forward provided by Deutsche Telekom in Draft-Rev1\_DT2 and provides minor editorials for Editor's consideration.Deutsche Telekom provided Draft-Rev1\_DT2. Proposed way forward trying to provide a compromise.Siemens revised Ericsson's version for clarity and marked an unclear subclause. The updated document is provided in the draft folder. | Withdrawn |
| 2.2 | **SP-200304** | LS In | Information | LS from GSMA: Mandatory User Plane Integrity for 5G | GSMA (FSAG#79\_002) |  | Postponed SP-200021 from SP-87E. Responses drafted in SP-200539 and SP-200540 Proposed action: Noted (related discussion will be triggered by disc papers) |  | **REPLY OPEN**  |
| 2.2 | - | - | - | Block 2: Proposed to note | - | - | Docs:=12 |  | **-**  |
| 2.2 | **SP-200308** | LS In | Endorsement | LS from TSG RAN: DRAFT LTI - answer to ITU-R WP5D LS on WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFT REVISION OF REPORT ITU-R M.2291-1 | TSG RAN (RP-200572) |  | For e-mail Endorsement and forwarding to PCG. Endorsed and forwarded to the PCG, 10 June 2020 |  | **Endorsed**  |
| 2.2 | **SP-200305** | LS In | Action | LS from ITU-R WP5D: LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS ON DRAFT REVISION OF REPORT ITU-R M.2291-1 'THE USE OF INTERNATIONAL MOBILE TELECOMMUNICATIONS (IMT) FOR BROADBAND PUBLIC PROTECTION AND DISASTER RELIEF (PPDR) APPLICATIONS' | ITU-R WP5D (5D\_TD\_52R1e) |  | Postponed SP-200241 from SP-87E. This was resolved by endorsing and forwarding SP-200308 to the PCG. Block noted at CC#2 This was resolved with SP-200308. Proposed action: Noted |  | Noted |
| 2.2 | **SP-200303** | LS In | Action | LS from CableLabs: Status and Evolution of 5WWC | CableLabs (LS\_5WWC status) |  | Postponed SP-200020 from SP-87E. Block noted at CC#2 Proposed action: Noted (if somebody wants to write a reply, please indicate) |  | Noted |
| 2.2 | **SP-200302** | LS In | Action | LS from 5GAA WG4: LS on relevant 3GPP Specs for PC5 Sidelink | 5GAA WG4 (5GAA\_S-200026) |  | Postponed SP-200019 from SP-87E. Block noted at CC#2 Proposed action: Noted |  | Noted |
| 2.2 | **SP-200306** | LS In | Action | LS from RAN WG2: Reply LS on Rel-16 NB-IoT enhancements | RAN WG2 (R2-2001815) | Rel-16 | Postponed SP-200244 from SP-87E. Block noted at CC#2 Proposed action: Noted |  | Noted |
| 2.2 | **SP-200307** | LS In | Action | LS from SA WG5: Reply LS on analytics support for energy saving  | SA WG5 (S5-201472) | Rel-17 | Postponed SP-200246 from SP-87E. Block noted at CC#2 Proposed action: Noted |  | Noted |
| 2.2 | **SP-200311** | LS In | Action | LS from TCCA: LS on Generic Slice Template with Public Safety Feedback  | TCCA (LS to GSMA on Generic Slice Template) |  | Block noted at CC#2 Proposed Action: Noted (if no comments received) |  | Noted |
| 2.2 | **SP-200323** | LS In | Action | LS from SA WG2: Reply LS on support for eCall over NR | SA WG2 (S2-2003308) | Rel-16 | Block noted at CC#2 Proposed Action: Noted (if no comments received) |  | Noted |
| 2.2 | **SP-200324** | LS In | Action | LS from SA WG2: LS on SA WG2 status of MT-EDT in Rel-16  | SA WG2 (S2-2003505) | Rel-16 | Block noted at CC#2 Proposed Action: Noted (if no comments received) |  | Noted |
| 2.2 | **SP-200326** | LS In | Action | LS from SA WG2: Reply LS on S1/NG DAPS handover  | SA WG2 (S2-2004474) | Rel-16 | Block noted at CC#2 Proposed Action: Noted (related issue with S2 CRs 23.502#2318 and 23.401#3602 needs to be resolved first) |  | Noted |
| 2.2 | **SP-200450** | LS In | Action | LS from SA WG5: Reply LS to Reply LS on support for eCall over NR  | SA WG5 (S5-203369) | Rel-16 | Block noted at CC#2 Proposed Action: Noted |  | Noted |
| 2.2 | **SP-200458** | LS In | Action | LS from CT WG1: Reply LS on support of eCall over NR | CT WG1 (C1-203221) | Rel-16 | Block noted at CC#2 Proposed Action: Noted |  | Noted |
| 3 | - | - | - | Items for discussion and early consideration | - | - | Docs:=0 |  | **-**  |
| 3.1 | - | - | - | Challenges to working agreements | - | - | Docs:=0 |  | **-**  |
| 3.2 | - | - | - | Issues highlighted for early treatment | - | - | Docs:=9 |  | **-**  |
| 3.2 | **SP-200539** | LS OUT | Approval | [DRAFT] LS on mandatory support of full rate user plane integrity protection for 5G | Deutsche Telekom AG | Rel-16 | Response to SP-200304. SP-200539\_rev1 approved at CC#3. Revised to SP-200617. |  | Revised |
| 3.2 | SP-200617 | LS OUT | Approval | LS on mandatory support of full rate user plane integrity protection for 5G | TSG SA | Rel-16 | Revision of SP-200539\_Rev1. Approved |  | **Approved**  |
| 3.2 | **SP-200540** | LS OUT | Approval | [DRAFT] LS on mandatory support of full rate user plane integrity protection for 5G | Deutsche Telekom AG | Rel-16 | Response to SP-200304. SP-200540\_rev3 was approved at CC#3. Revised to SP-200618. | Johannes (Deutsche Telekom AG): provides SP-200540\_Rev1.3GPP SA received 2 LSs from GSMA, i.e. one from GSMA Board in SP-200533 and one from GSMA CVD in SP-200304. It is proposed to have a common outgoing Reply-LS to both GSMA groups on the outcome of the discussion in SA#88-e meeting.Johannes (Deutsche Telekom AG): provides SP-200540\_Rev2.Based on the agreement reached out of SP-200537 companies proposed offline an alignment of the text and also a clean up of abreviations used in the text.Johannes (Deutsche Telekom AG): provides SP-200540\_Rev3.Revision3 add some editorials for clarity, deletion of extra spaces | Revised |
| 3.2 | SP-200618 | LS OUT | Approval | LS on mandatory support of full rate user plane integrity protection for 5G | TSG SA | Rel-16 | Revision of SP-200540\_Rev3. Approved |  | **Approved**  |
| 3.2 | **SP-200537** | DISCUSSION | Decision | Way forward on User Plane Integrity Protection | Deutsche Telekom, T-Mobile US, A.S.T.R.I.D. S.A., AT&T, BDBOS, Bell Mobility, BMWi, BOSCH, Broadcom, BT, China Mobile, Erillisverkot, FirstNet, Huawei, HiSilicon, KPN, NCSC, Nkom, NTT DoCoMo, Orange, SEQUANS, Siemens, Swift Navigation, Telecom Italia, Tel | Rel-16 | Noted in CC#1 |  | Noted |
| 3.2 | **SP-200538** | CR | Approval | 33.501 CR0852 (Rel-16, 'C'): CR to 33.501 - Update to User Plane Integrity Protection | Deutsche Telekom AG, et al. | Rel-16 | CC#3: SP-200538\_Rev6 was approved and revised in SP-200613 | Johannes (Deutsche Telekom AG): provides SP-200538\_Rev1. Offline discussions resulted in some changes in the CR text for clarification.Johannes (Deutsche Telekom AG): provides SP-200538\_Rev2. Offline discussions resulted in some changes in the CR text for clarification.Adrian (vivo): provides editorial comment.Johannes (Deutsche Telekom AG): provides SP-200538\_Rev3. Based on the discussion in the GTM call it is proposed to remove the second change in the CR to section 5.3.3Chunhui Zhu (Spreadtrum) requests clarifications about 'UE's maximum supported data rate' in the change.Chris (Vodafone): provides SP-200538\_rev4 to editorially improve rev 3.Scott Migaldi of T-Mobile USA supports the latest version of the CR.Johannes (Deutsche Telekom AG): Clarification of the maximum data rate: The maximum data rate is defined in TS38.300 chapter 13.1. The integrity protection check is done in PDCP based on PDCP PDUs. Hence the data rate refers to the PDCP data rate and not L1 or IP.Johannes (Deutsche Telekom AG): provides SP-200538\_Rev5. Based on the discussion and revisions proposed the Rev5 should reflect comments and proposal of the email discussions. The Coverpage is cleaned up and the wording is improved as well as aligned with the wording of other specifications like e.g. TS38.300 on the highest data rate. Additional supporting companies T-Mobile US, Telecom Italia, AT&T, Vodafone, Siemens are added to the CR coverpage. RAN impact is re-inserted.MCC revised SP-200538\_rev6 to SP-200613 after approval in CC#2.Chunhui Zhu (Spreadtrum): Prefer leaving the TEI16 as only WI-code.Johannes (Deutsche Telekom AG): provides Draft\_SP-200538\_Rev5. Based on the discussion and revisions proposed in the CC#2 final changes to the coverpage need to be fixed. The CR-Text was approved at the call CC#2, it has been agreed to leave the revision counter to MCC to fix, further the tickboxes for CN and RAN left empty as the change itself does not impact core or RAN but the affected specs in RAN and CT working groups are listed. The revision-history box is filled with only one revision as this reflects the update from the original submitted CR. | Revised |
| 3.2 | SP-200613 | CR | Approval | 33.501 CR0852R1 (Rel-16, 'C'): CR to 33.501 - Update to User Plane Integrity Protection | Deutsche Telekom AG, et al. | Rel-16 | Revision of SP-200538\_Rev6. This CR was approved |  | **Approved**  |
| 3.2 | **SP-200557** | LS OUT | Approval | LS on UAS definition updates | Qualcomm CDMA Technologies | Rel-17 | Approved at CC#3. Revised to SP-200619. |  | Revised |
| 3.2 | SP-200619 | LS OUT | Approval | LS on UAS definition updates | Qualcomm CDMA Technologies | Rel-17 | Revision of SP-200557. Needs revision |  |  |
| 3.3 | - | - | - | Discussion papers on work in Rel-15 and earlier | - | - | Docs:=0 |  | **-**  |
| 3.4 | - | - | - | Discussion papers on work in Rel-16 | - | - | Docs:=0 |  | **-**  |
| 3.5 | - | - | - | Discussion papers on work in Rel-17 | - | - | Docs:=0 |  | **-**  |
| 3.6 | - | - | - | Discussion papers on work in Rel-18 and later | - | - | Docs:=0 |  | **-**  |
| Block 3 | - | - | - | All reports in agenda item 4 (Reporting) and its sub-agenda items will get a max 5 minute slot on the GTM call Wednesday July 1 for presenting issues which need plenary decision. | - | - | Docs:=0 |  | **-**  |
| 3a | - | - | - | All documents in this agenda (and its sub-agenda items) will be Noted on Wednesday July 1, 15:00 UTC if not otherwise indicated | - | - | Docs:=0 |  | **-**  |
| 4 | - | - | - | Reporting from SA Working Groups, other TSGs, and Others | - | - | Docs:=0 |  | **-**  |
| 4.1 | - | - | - | SA WG1 reporting | - | - | Docs:=1 |  | **-**  |
| 4.1 | **SP-200559** | REPORT | Information | SA WG1 Report to TSG SA#88e | SA WG1 Chairman |  | Noted at CC#2 |  | Noted |
| 4.2 | - | - | - | SA WG2 reporting | - | - | Docs:=1 |  | **-**  |
| 4.2 | **SP-200536** | REPORT | Presentation | SA WG2 Chairman's report to TSG SA#88E | SA WG2 Chairman |  | Noted at CC#2 |  | Noted |
| 4.3 | - | - | - | SA WG3 reporting | - | - | Docs:=1 |  | **-**  |
| 4.3 | **SP-200346** | REPORT | Information | SA WG3 Status report | Ericsson LM |  | Noted at CC#2 | Noamen (SA3 chair): The formatting issue in the summary slides and the missing Tdoc number must to be corrected. SP-200346\_rev1 implements the required changes. | Noted |
| 4.4 | - | - | - | SA WG4 reporting | - | - | Docs:=1 |  | **-**  |
| 4.4 | **SP-200385** | REPORT | Information | Report on SA WG4 Status Update | SA WG4 Chairman |  | LATE DOC: Rx 26/06, 13:00. Noted at CC#2 |  | Noted |
| 4.5 | - | - | - | SA WG5 reporting | - | - | Docs:=2 |  | **-**  |
| 4.5 | **SP-200545** | ToR | Approval | Revision of SA WG5 ToR | SA WG5 |  | CC#2: This updated ToR was approved. This will be forwarded to the PCG for ratification. |  | **Approved**  |
| 4.5 | **SP-200554** | REPORT | Information | SA WG5 status report to TSG SA#88 | Ericsson LM |  | Noted at CC#2 |  | Noted |
| 4.6 | - | - | - | SA WG6 reporting | - | - | Docs:=1 |  | **-**  |
| 4.6 | **SP-200331** | REPORT | Information | SA WG6 status report to TSG SA#88 | SA WG6 Chairman |  | Noted at CC#2 |  | Noted |
| 4.7 | - | - | - | TSG RAN reporting and RAN ITU-R Ad Hoc Matters (Friday morning, if available) | - | - | Docs:=0 |  | **-**  |
| 4.8 | - | - | - | TSG CT reporting | - | - | Docs:=0 |  | **-**  |
| 4.8 | SP-200625  | REPORT | Presentation | Status report of TSG CT#88-4 | CT Chairman |  | Proposed Action: Noted |  |  |
| 4.8 | SP-200626  | REPORT | Presentation | Draft report of TSG CT#88-e | CT Chairman |  | Proposed Action: Noted |  |  |
| 4.8 | SP-200627  | REPORT | Presentation | IETF Status report | CT Chairman |  | Proposed Action: Noted |  |  |
| 4.9 | - | - | - | Reports from external bodies (provided by Liaison persons) | - | - | Docs:=1 |  | **-**  |
| 4.9 | **SP-200583** | OTHER | Information | 3GPP Liaison Persons (living document) | TSG SA Chairman |  | Noted at CC#3 |  | Noted |
| 4.10 | - | - | - | Other reports | - | - | Docs:=0 |  | **-**  |
| 5 | - | - | - | Cross TSG Coordination | - | - | Docs:=0 |  | **-**  |
| 5.1 | - | - | - | General Cross TSG Coordination | - | - | Docs:=0 |  | **-**  |
| 5.2 | - | - | - | Rel-16 Focus Areas Status Reports & Issues | - | - | Docs:=0 |  | **-**  |
| 5.3 | - | - | - | Rel-17 Focus Areas Status Reports & Issues | - | - | Docs:=0 |  | **-**  |
| 5.4 | - | - | - | Input to Joint RAN/SA meeting | - | - | Docs:=0 |  | **-**  |
| Block 4 | - | - | - | All documents for approval in agenda item 6 (WIDs/SIDs/TSs/TRs, Exception Sheets) and its sub-agenda items which are not marked red will be marked approved onThursday July 2 15:00 UTC. | - | - | Docs:=0 |  | **-**  |
| 4a | - | - | - | All documents for information in this agenda item and its sub-agenda items will be marked noted at the same time. | - | - | Docs:=0 |  | **-**  |
| 6 | - | - | - | Work Item Descriptions, Study Item Descriptions, Specifications | - | - | Docs:=0 |  | **-**  |
| 6.1 | - | - | - | New Release 16 and earlier Study Item Descriptions and Work Item Descriptions | - | - | Docs:=2 |  | **-**  |
| 6.1 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=2 |  | **-**  |
| 6.1 | **SP-200354** | WID NEW | Approval | New WID on User Plane Integrity Protection for NR. | SA WG3 |  | Approved at CC#3 |  | **Approved**  |
| 6.1 | **SP-200367** | CR PACK | Approval | Rel-16 CRs on User Plane Integrity Protection | SA WG3 |  | This CR Pack was approved at CC#3 |  | **Approved**  |
| 6.2 | - | - | - | Revised Release 16 and earlier Study Item Descriptions and Work Item Descriptions | - | - | Docs:=10 |  | **-**  |
| 6.2 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=10 |  | **-**  |
| 6.2 | **SP-200401** | WI EXCEPTION REQUEST | Approval | Rel-16 Work Item Exception for 5GMS3 | SA WG4 | Rel-16 | Block approved |  | **Approved**  |
| 6.2 | **SP-200406** | WI EXCEPTION REQUEST | Approval | Rel-16 Work Item Exception for RM\_H263\_MP4V | SA WG4 | Rel-16 | Block approved |  | **Approved**  |
| 6.2 | **SP-200461** | WID REVISED | Approval | Revised WID on Enhancement of 3GPP management system for multiple tenant environment support. | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 6.2 | **SP-200468** | WI EXCEPTION REQUEST | Approval | Rel-16 Exception request for QOED | SA WG5 |  | Block approved |  | **Approved**  |
| 6.2 | **SP-200469** | WI EXCEPTION REQUEST | Approval | Rel-16 Exception request for eNRM | SA WG5 |  | Block approved |  | **Approved**  |
| 6.2 | **SP-200470** | WI EXCEPTION REQUEST | Approval | Rel-16 Exception request for 5GDMS | SA WG5 |  | Block approved |  | **Approved**  |
| 6.2 | **SP-200471** | WI EXCEPTION REQUEST | Approval | Rel-16 WI Exception for Network Slice performance and Analytics Charging in 5GS | SA WG5 |  | Block approved |  | **Approved**  |
| 6.2 | **SP-200472** | WI EXCEPTION REQUEST | Approval | Rel-16 WI Exception for Network Slice Management Charging in 5GS | SA WG5 |  | Block approved |  | **Approved**  |
| 6.2 | **SP-200473** | WI EXCEPTION REQUEST | Approval | Rel-16 WI Exception for ATSSS | SA WG5 |  | Block approved |  | **Approved**  |
| 6.2 | **SP-200514** | WI EXCEPTION REQUEST | Approval | Rel-16 Work Item Exception for SON\_5G | SA WG5 |  | Block approved |  | **Approved**  |
| 6.3 | - | - | - | New Release 17 Study Item Descriptions | - | - | Docs:=12 |  | **-**  |
| 6.3 | **SP-200353** | SID NEW | Approval | Study on enhanced security support for Non-Public Networks. | SA WG3 |  | CC#2: Removed from block approval. SP-200353\_Rev5 was approved at CC#3. Revised to SP-200620. | Vodafone: Vodafone Object to this SID in its current form. The 'UE Onboarding and remote provisioning' section in clause 4 needs to be removed and a new section on 'the creation of required key materials from other EAP methods (than EAP-AKA')' should be added in clause 4. With these changes VF would support this SI.Intel seeking clarification on Vodafone's objection.Ericsson commented that UE onboarding was prioritized for Rel-17 by SA plenary in September and December meetings.Orange maintains its objection to the approval of the SID as in the SA3#99-e meeting and asks SA to send it back to SA3 for further discussions.Ericsson comment that there is no reason to delay the approval of the SA3 SIDSiemens supports Ericsson's view on SP-200353.Siemens kindly asks the owner of SP-20353 to add Siemens to the list of supporting individual members in Clause 9 of the document.MediaTek also see the SA3 SID can be approved in this plenary. However the timeline of the TR is unrealistic (for info in September / for approval in December) and needs discussion.Miikka (Nokia) recommends to proceed with the study.Haris (Qualcomm) recommends to proceed with the studyClarifying that Vodafone support the principal of the SID but have issues with the wording of one area of the SID. Proposing updates to the SID as clarifications.Bo (Sony) recommends approval of the study.Noamen(SA3 chair): Included additions by Vodafone and added Siemens to the supporting company list in SP-200353\_rev1.Intel is OK with the changes proposed by Vodafone. Points to one typo.SP-200353\_rev1. Is fine for Vodafone and we withdraw our objection for this version. Please also add Vodafone as a supporting company. The dates need to be more realistic - based on the current SA3 schedule they need to slip the approval date by 3 months (This is not a blocking issue for Vodafone).Noamen(SA3 chair): Included Vodafone to the supporting company list, corrected the typo pointed out by Intel and adjusted the time line as suggested in SP-200353\_rev2. | Revised |
| 6.3 | SP-200620 | SID NEW | Approval | Study on enhanced security support for Non-Public Networks. | SA WG3 |  | Revision of SP-200353\_Rev5. Approved |  | **Approved**  |
| 6.3 | **SP-200355** | SID NEW | Approval | New SID on Industrial IoT Security. | SA WG3 |  | CC#2: Removed from block approval. SP-200355\_Rev1 was approved at CC#3. Revised to SP-200621. | Siemens kindly asks the owner of this document to add Siemens to the list of supporting individual members in clause 9. | Revised |
| 6.3 | SP-200621 | SID NEW | Approval | New SID on Industrial IoT Security. | SA WG3 |  | Revision of SP-200355\_Rev1. Approved |  | **Approved**  |
| 6.3 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=8 |  | **-**  |
| 6.3 | **SP-200347** | SID NEW | Approval | New SID on Study on Security Aspects of Enhancement of Support for Edge Computing in 5GC. | SA WG3 |  | SP-200347\_Rev2 was Approved at CC#3. Revised to SP-200624. | Noamen (SA3 chair): Following MCC's recommendation, it is proposed to change the SID acronym to include the term EDGE.Noamen (SA3 chair): Following MCC's recommendation, it is proposed to change the SID acronym to include the term EDGE. SP-200347\_rev1 implements the required changes.Noamen (SA3 chair): Following SA6 chair suggestions, it is proposed to change the SID acronym to include the term FS\_EDGE\_Sec and the title accordingly. SP-200347\_rev2 implements the required changes.Alain (WP Manager): It makes sense not to have 'enhancement' in the WID title and it is better to have 'EDGE' appearing clearly in the acronym. | Revised |
| 6.3 | SP-200624 | SID NEW | Approval | New SID on Study on Security Aspects of Enhancement of Support for Edge Computing in 5GC. | SA WG3 |  | Revision of SP-200347\_Rev2. Approved |  | **Approved**  |
| 6.3 | **SP-200349** | SID NEW | Approval | Study on security aspects of the Disaggregated gNB Architecture. | SA WG3 |  | CC#2: Removed from block approvalProposed Action: approved |  |  |
| 6.3 | **SP-200350** | SID NEW | Approval | Study on Security Aspects of Enhancement for Proximity Based Services in 5GS. | SA WG3 |  | Block approved |  | **Approved**  |
| 6.3 | **SP-200351** | SID NEW | Approval | New SID: Study on Security Aspects of Enhancement for 5G Multicast-Broadcast Services. | SA WG3 |  | Block approved |  | **Approved**  |
| 6.3 | **SP-200352** | SID NEW | Approval | New SID on security aspects of UAS. | SA WG3 |  | Block approved |  | **Approved**  |
| 6.3 | **SP-200399** | SID NEW | Approval | New SID on 5G Glass-type AR/MR Devices | SA WG4 |  | Block approved |  | **Approved**  |
| 6.3 | **SP-200467** | SID NEW | Approval | New SID on charging aspects of Edge Computing. | SA WG5 |  | Block approved |  | **Approved**  |
| 6.4 | - | - | - | New Release 17 Work Item Descriptions | - | - | Docs:=22 |  | **-**  |
| 6.4 | **SP-200446** | WID NEW | Approval | New WID on Dynamically Changing AM Policies in the 5GC (TEI17\_DCAMP). | SA WG2 |  | Update of postponed SP-200086 from SP-87E. Proposed company revision in SP-200580. Noted at CC#3 |  | Noted |
| 6.4 | **SP-200580** | WID NEW | Approval | New WID on Dynamically Changing AM Policies in the 5GC (TEI17) | China Telecom Corporation Ltd. | Rel-17 | Proposed update of SA WG2 WID in SP-200446. Approved at CC#3. |  | **Approved**  |
| 6.4 | **SP-200452** | WID NEW | Approval | New WID: IMS Optimization for HSS Group ID in an SBA environment (TEI17) | SA WG2 |  | Resubmission of postponed SP-200084 from SP-87E. Proposed company revision in SP-200546. Noted at CC#3 |  | Noted |
| 6.4 | **SP-200546** | WID NEW | Approval | New WID: IMS Optimization for HSS Group ID in an SBA environment (TEI17). | Ericsson (SA WG2) | Rel-17 | Revision of postponed SP-200257 from SP#87-E. Proposed update of SA WG2 WID in SP-200452. Approved at CC#3 |  | **Approved**  |
| 6.4 | **SP-200453** | WID NEW | Approval | New WID: Support for Signed Attestation for Priority and Emergency Sessions (TEI17). | SA WG2 |  | Resubmission of postponed SP-200085 from SP-87E. Proposed company revision in SP-200547. Noted at CC#3 |  | Noted |
| 6.4 | **SP-200547** | WID NEW | Approval | New WID: Support for Signed Attestation for Priority and Emergency Sessions (TEI17). | Ericsson (SA WG2) | Rel-17 | Revision of postponed SP-200258 from SP#87-E. Proposed update of SA WG2 WID in SP-200453. Approved at CC#3 |  | **Approved**  |
| 6.4 | **SP-200455** | WID NEW | Approval | New WID: Dynamic management of group-based event monitoring (TEI17). | SA WG2 |  | Resubmission of postponed SP-200088 from SP-87E. Work Plan manager suggests shortening the acronym to 'TEI17\_GEM'. SP-200455\_Rev1 approved at CC#3. Revised to SP-200622. | Shabnam (Ericsson) r01 revision provided to shorten the WI Code to TEI17\_GEM. | Revised |
| 6.4 | SP-200622 | WID NEW | Approval | New WID: Dynamic management of group-based event monitoring (TEI17). | SA WG2 |  | Revision of SP-200455\_Rev1. Approved |  | **Approved**  |
| 6.4 | **SP-200465** | WID NEW | Approval | New WID on Management data collection control and discovery. | SA WG5 |  | CC#2: Revisions suggested. Removed from Block approval. SP-200465\_Rev1 was Approved at CC#3. Revised to SP-200623. | Siemens kindly asks the owner of this document to add Siemens to the list of supporting individual members in clause 9.There is a typo in the title of this WID ('New WID on Managemen data collection control and discovery' should read 'New WID on Management data collection control and discovery'). Please rectify.The revision requests from Siemens, both correcting typos and adding Siemens as supporting company, have been addressed by the SA5 chair in SP-200465\_rev1, together with two more editorial corrections, all shown with revision marks in the Word file. | Revised |
| 6.4 | SP-200623 | WID NEW | Approval | New WID on Management data collection control and discovery. | SA WG5 |  | Revision of SP-200465\_Rev1. Approved |  | **Approved**  |
| 6.4 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=12 |  | **-**  |
| 6.4 | **SP-200454** | WID NEW | Approval | New WID: IP address pool information from UDM (TEI17). | SA WG2 |  | Resubmission of postponed SP-200087 from SP-87E Block approved |  | **Approved**  |
| 6.4 | **SP-200456** | WID NEW | Approval | New WID: Support of different slices over different Non 3GPP access (TEI17). | SA WG2 |  | Resubmission of postponed SP-200089 from SP-87E Block approved |  | **Approved**  |
| 6.4 | **SP-200457** | WID NEW | Approval | New WID: N7/N40 Interfaces Enhancements to Support GERAN and UTRAN (TEI17). | SA WG2 |  | Resubmission of postponed SP-200090 from SP-87E Block approved |  | **Approved**  |
| 6.4 | **SP-200447** | WID NEW | Approval | New WID on same PCF selection for AMF and SMF (TEI17\_SPSFAS). | SA WG2 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200448** | WID NEW | Approval | New WID: System enhancement for Redundant PDU Session (TEI17\_SE\_RPS). | SA WG2 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200348** | WID NEW | Approval | New WID on Security Assurance Specification for Inter PLMN UP Security (IPUPS). | SA WG3 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200398** | WID NEW | Approval | New WID on Extension for headset interface tests of UE | SA WG4 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200400** | WID NEW | Approval | New WID on Removal of H.263 and MPEG-4 Visual from 3GPP Services | SA WG4 |  | Approved at CC#3 |  | **Approved**  |
| 6.4 | **SP-200462** | WID NEW | Approval | New WID on enhancements of 5G performance measurements and KPIs. | SA WG5 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200463** | WID NEW | Approval | New work item on management of the enhanced tenant concept . | SA WG5 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200464** | WID NEW | Approval | New WID on Autonomous network levels | SA WG5 |  | Block approved |  | **Approved**  |
| 6.4 | **SP-200466** | WID NEW | Approval | New WID on Enhancement of Handover Optimization. | SA WG5 |  | Block approved |  | **Approved**  |
| 6.5 | - | - | - | Revised Release 17 Study Item and Work Item Descriptions | - | - | Docs:=6 |  | **-**  |
| 6.5 | **SP-200558** | SID REVISED | Approval | Revised SID: Architectural enhancements for 5G multicast-broadcast services | CBN, Huawei, Hisilicon, Qualcomm Incorporated | Rel-17 | Update to SP-200092. CC#2: Revisions suggested. Removed from Block approval | MediaTek requesting clarifications on the required workload (TU budget) for the proposed additional work, as well as on its technical scope.Huawei give feedback regarding the workload and scope. |  |
| 6.5 | **SP-200591** | DISCUSSION | Discussion | otivation to Revise Architectural enhancements for 5G multicastbroadcast services | CBN, ABS, ABP, EBU, IRT, Huawei Qualcomm Incorporated, Reliance Jio, ZTE |  | LATE DOC: Rx 30/06 08:25. CC#2: Removed from Block approval. Noted at CC#3 |  | Noted |
| 6.5 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=4 |  | **-**  |
| 6.5 | **SP-200444** | SID REVISED | Approval | Revised SID: Study on System enhancement for Proximity based Services in 5GS (FS\_5G\_ProSe). | SA WG2 | Rel-17 | Block approved |  | **Approved**  |
| 6.5 | **SP-200445** | WID REVISED | Approval | Change of rapporteur on WID 'Integration of satellite systems in the 5G architecture' (5GSAT\_ARCH). | SA WG2 | Rel-17 | Block approved |  | **Approved**  |
| 6.5 | **SP-200519** | WID REVISED | Approval | Revised WID: Stage 2 of Multimedia Priority Service (MPS) Phase 2. | Perspecta Labs | Rel-17 | Revision of SP-200083 Block approved |  | **Approved**  |
| 6.5 | **SP-200578** | SID REVISED | Approval | Revised SID on FS\_FRMCS3 | SA WG1 | Rel-17 | Block approved |  | **Approved**  |
| 6.6 | - | - | - | New Release 18 Study Item Descriptions | - | - | Docs:=10 |  | **-**  |
| 6.6 | **SP-200592** | SID REVISED | Approval | Revised SID:New WID on Study on Personal IoT Networks | OPPO | Rel-18 | Proposed update of SP-200577. Approved at CC#3 |  | **Approved**  |
| 6.6 | **SP-200577** | SID NEW | Approval | New SID on Personal IoT Networks (FS\_PIN) | SA WG1 | Rel-18 | Proposed company revision in SP-200592. Noted at CC#3 |  | Noted |
| 6.6 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=8 |  | **-**  |
| 6.6 | **SP-200335** | SID NEW | Approval | New SID Study of Gateway UE function for Mission Critical Communication | SA WG6 |  | Block approved |  | **Approved**  |
| 6.6 | **SP-200336** | SID NEW | Approval | New SID Study of Interconnection and Migration Aspects for Railways | SA WG6 |  | Block approved |  | **Approved**  |
| 6.6 | **SP-200571** | SID NEW | Approval | New SID on Enhanced Access to and Support of Network Slice (FS\_EASNS) | SA WG1 | Rel-18 | Block approved |  | **Approved**  |
| 6.6 | **SP-200572** | SID NEW | Approval | New SID on Off-Network for Rail (FS\_OffNetRail) | SA WG1 |  | Block approved |  | **Approved**  |
| 6.6 | **SP-200573** | SID NEW | Approval | New SID on 5G Timing Resiliency System (FS\_5TRS) | SA WG1 | Rel-18 | Block approved |  | **Approved**  |
| 6.6 | **SP-200574** | SID NEW | Approval | New SID on 5G Smart Energy and Infrastructure (FS\_5GSEI) | SA WG1 | Rel-18 | Block approved |  | **Approved**  |
| 6.6 | **SP-200575** | SID NEW | Approval | New SID on Ranging-based Services (FS\_Ranging) | SA WG1 | Rel-18 | Block approved |  | **Approved**  |
| 6.6 | **SP-200576** | SID NEW | Approval | New SID on Enhancements for Residential 5G (FS\_Resident) | SA WG1 | Rel-18 | Block approved |  | **Approved**  |
| 6.7 | - | - | - | New Release 18 Work Item Descriptions | - | - | Docs:=0 |  | **-**  |
| 6.7 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 6.8 | - | - | - | Revised Release 18 Study Item Descriptions and Work Item Descriptions | - | - | Docs:=0 |  | **-**  |
| 6.8 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 6.9 | - | - | - | Specifications for Information | - | - | Docs:=8 |  | **-**  |
| 6.9 | - | - | - | Block 4: For block noting - Thursday July 2, 15:00 UTC | - | - | Docs:=8 |  | **-**  |
| 6.9 | **SP-200333** | DRAFT TR | Information | Presentation of TR 23.764 v1.0.0 for information: Study on enhancements to application layer support for V2X services | SA WG6 | Rel-17 | Block Noted |  | Noted |
| 6.9 | **SP-200334** | DRAFT TR | Information | Presentation of TS 23.180 v1.0.0 for information: Mission Critical (MC) services support in the Isolated Operation for Public Safety (IOPS) mode of operation | SA WG6 | Rel-17 | Block Noted |  | Noted |
| 6.9 | **SP-200377** | DRAFT TR | Information | TR 33.853 'Key issues and potential solutions for Integrity protection of the user plane' | SA WG3 | Rel-16 | Block Noted |  | Noted |
| 6.9 | **SP-200480** | DRAFT TR | Information | TR 28.810 Study on concept, requirements and solutions for levels of autonomous network | SA WG5 | Rel-16 | Block Noted |  | Noted |
| 6.9 | **SP-200481** | DRAFT TS | Information | TS 28.201 Network Slice Performance and Analytics Charging in 5G System | SA WG5 | Rel-16 | Wrong TS included. Revised to SP-200517 |  | Revised |
| 6.9 | **SP-200517** | DRAFT TS | Information | TS 28.201 Network Slice Performance and Analytics Charging in 5G System | SA WG5 | Rel-16 | Revision of SP-200481. Revised to SP-200518 |  | Revised |
| 6.9 | **SP-200518** | DRAFT TS | Information | TS 28.201 Network Slice Performance and Analytics Charging in 5G System | SA WG5 | Rel-16 | Revision of SP-200517. SP-200481 contained the wrong specification. SP-200517 didn't overwrite the current file in the server so this document contains version 1.0.1. Block Noted |  | Noted |
| 6.9 | **SP-200482** | DRAFT TS | Information | TS 28.202 Charging management; Network slice management charging in the 5G System (5GS); Stage 2 | SA WG5 | Rel-16 | Block Noted |  | Noted |
| 6.10 | - | - | - | Specifications for Approval / for Information and Approval | - | - | Docs:=16 |  | **-**  |
| 6.10 | - | - | - | Block 4: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=16 |  | **-**  |
| 6.10 | **SP-200376** | DRAFT TR | Approval | TR 33.861 'Study on evolution of Cellular IoT security for the 5G System' | SA WG3 | Rel-16 | This is second presentation. Addition to coversheet: Changes since last presentation to SA Meeting: 'Additional key issues have been added and the documented key issues have been concluded. The normative phase is completed based on solutions in the TR and |  | **Approved**  |
| 6.10 | **SP-200378** | DRAFT TR | Approval | TR 33.935 'Detailed long term key update solutions' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200379** | DRAFT TS | Approval | TS 33.536 'Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200380** | DRAFT TR | Approval | TR 33.836 'Study on Security Aspects of 3GPP support for Advanced V2X Services' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200381** | DRAFT TS | Approval | TS 33.535 'Authentication and key management for applications based on 3GPP credentials in the 5G System (5GS)' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200382** | DRAFT TR | Approval | TR 33.813 'Study on security aspects of network slicing enhancement' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200383** | DRAFT TS | Approval | TS 33.434 'Service Enabler Architecture Layer (SEAL); Security aspects for Verticals' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200384** | DRAFT TR | Approval | TR 33.855 'Study on security aspects of the 5G Service Based Architecture (SBA)' | SA WG3 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200332** | DRAFT TR | Approval | Presentation of TR 23.744 v2.0.0 for approval: Study into location enhancements for mission critical services | SA WG6 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200404** | DRAFT TS | Approval | Presentation of Specification to TSG SA: TS 26.511, Version 2.0.0 | SA WG4 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200474** | DRAFT TS | Approval | TS 28.307 Telecommunication management; Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Requirements | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200475** | DRAFT TS | Approval | TS 28.308 elecommunication management; Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Information Service (IS) | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200476** | DRAFT TS | Approval | TS 28.405 Telecommunication management; Quality of Experience (QoE) measurement collection; Control and configuration | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200477** | DRAFT TS | Approval | TS 28.406 Telecommunication management; Quality of Experience (QoE) measurement collection; Information definition and transport | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200478** | DRAFT TS | Approval | TS 28.535 Management and orchestration; Management Services for Communication Service Assurance; Requirements | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 6.10 | **SP-200479** | DRAFT TS | Approval | TS 28.536 Management and orchestration; Management Services for Communication Service Assurance; Stage 2 and stage 3 | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 7 | - | - | - | Release Planning | - | - | Docs:=0 |  | **-**  |
| 7.1 | - | - | - | General Release Planning issues | - | - | Docs:=1 |  | **-**  |
| 7.1 | **SP-200541** | DISCUSSION | Approval | Voting and Elections in 3GPP Electronic Meetings | TSG SA Chairman, TSG CT Chairman, TSG RAN Chairman |  | Approved in CC#1 |  | **Approved**  |
| 7.2 | - | - | - | Issues related to Release 16 and earlier planning (nothing expected here) | - | - | Docs:=0 |  | **-**  |
| 7.3 | - | - | - | Release 17 Planning (schedule, prioritization, etc.) | - | - | Docs:=0 |  | **-**  |
| 7.4 | - | - | - | Release 18 Planning (schedule, prioritization, etc.) | - | - | Docs:=0 |  | **-**  |
| Block 5 | - | - | - | Block5: All CR-Packs in agenda items 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18 for which no unresolved comments or unresolved revisions have been received by Thursday July 2 12:00 UTC will be makred approved on Thursday July 2 15:00 UTC. | - | - | Docs:=0 |  | **-**  |
| 8 | - | - | - | Rel-8 CRs | - | - | Docs:=1 |  | **-**  |
| 8 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=1 |  | **-**  |
| 8 | **SP-200488** | CR PACK | Approval | Rel-8 CRs on TEI | SA WG5 |  | Block approved |  | **Approved**  |
| 9 | - | - | - | Rel-9 CRs | - | - | Docs:=0 |  | **-**  |
| 10 | - | - | - | Rel-10 CRs | - | - | Docs:=0 |  | **-**  |
| 11 | - | - | - | Rel-11 CRs | - | - | Docs:=0 |  | **-**  |
| 12 | - | - | - | Rel-12 CRs | - | - | Docs:=3 |  | **-**  |
| 12 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=3 |  | **-**  |
| 12 | **SP-200387** | CR PACK | Approval | CRs to Update the test vectors, Corrections of algorithmic description,EVS Fixed-Point Source Code and ch-aw-recv specification [EVS codec] | SA WG4 |  | 26.444 CR0035 was withdrawn. CRs reissued in CR Packs SP-200386, SP-200396 and SP-200585 |  | Revised |
| 12 | **SP-200585** | CR PACK | Approval | CRs to Update the test vectors [EVS codec] | SA WG4 |  | Reissue of 15 CRs from CR Pack SP-200387. 26.442 CR0037R1 was withdrawn as there is no Rel-16 TS for this mirror CR. All CRs except 26.442 CR0037R1 were Block approved. Partially approved |  | Partially approved |
| 12 | **SP-200487** | CR PACK | Approval | Rel-12 CRs on TEI | SA WG5 |  | Block approved |  | **Approved**  |
| 13 | - | - | - | Rel-13 CRs | - | - | Docs:=1 |  | **-**  |
| 13 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=1 |  | **-**  |
| 13 | **SP-200360** | CR PACK | Approval | Rel-13 CRs on Security of MCPTT | SA WG3 |  | Block approved |  | **Approved**  |
| 14 | - | - | - | Rel-14 CRs | - | - | Docs:=0 |  | **-**  |
| 15 | - | - | - | Rel-15 CRs | - | - | Docs:=22 |  | **-**  |
| 15 | **SP-200529** | CR | Approval | 23.502 CR2278R2 (Rel-15, 'F'): Correction on Deregistration procedures for SMS over NAS | Nokia, Nokia Shanghai Bell | Rel-15 | Revision of S2-2003288 (23.502 CR2278R1) in CR Pack SP-200420. CC#3: For further discussionProposed Action:NotedThis was already handled on Thursday call and was missed to be reflected in the agenda. | Wanqiang (Huawei) give some technical comments and request for revision or we just approve the original CR/discuss the other detailed stuff during August SA2 meeting.Alessio(Nokia) provides commentsShabnam (Ericsson) provides comments and draft revisionAlessio(Nokia) provides revision SP-200529\_Rev1Wanqiang(Huawei) provides further comments, and has different understanding regarding the deregistration handling. |  |
| 15 | **SP-200420** | CR PACK | Approval | CRs to 23.167, 23.501, 23.502 (5GS\_Ph1, 5WWC, TEI15, Rel-15, Rel-16) | SA WG2 |  | Proposed revision of 23.502 CR2278R1 in SP-200529. CC#3: 23.502 CR2278R1 was postponed. Partially approved.Partial Approval / or full approval depends on outcome of 529 discussion |  |  |
| 15 | **SP-200530** | DISCUSSION | Decision | SMS deregistration | Nokia, Nokia Shanghai Bell | Rel-16 | CC#1: This is under discussion over e-mail. Noted at CC#3 |  | Noted |
| 15 | **SP-200598** | CR | Approval | 33.501 CR0855 (Rel-15, 'F'): Clarification on SUPI definition | Huawei, Hisilicon | Rel-15 | LATE DOC: Rx 29/06, 08:00. Response to the issue in SP-200548/549/550. CC#1: This can be handled on the Wed CC. | Haris (Qualcomm) comments that proposed CR revision does not solve the problemHuawei replied if the encoding of SUPI type is not clear, then we fix that part. introducing two definition of SUPI is a bad idea.Huawei provided SP-200598\_Rev1 and SP-200599\_Rev1Huawei provided SP-200599\_Rev2 for Rel-16 mirror CR to also include TR29.571.Haris (Qualcomm) proposes options for way forwardHuawei replied Qualcomm' proposal of options for way forward and Huawei cannot agree a backward incompatible CR(as 0548,0549)/option2. As this issue can be solved by clarification instead of redefining the R15 specification. Huawei can only accept we based on option1(i.e. 0598rev1,0599rev2) for this meeting. If we cannot agree with option1, Huawei proposed to send LS to SA3 and CT4, and ask them to clarify encoding of SUPI. |  |
| 15 | **SP-200599** | CR | Approval | 33.501 CR0856 (Rel-16, 'A'): Clarification on SUPI definition | Huawei, Hisilicon | Rel-16 | LATE DOC: Rx 29/06, 08:00 | Haris (Qualcomm) comments that proposed CR revision does not solve the problemHuawei replied if the encoding of SUPI type is not clear, then we fix that part. introducing two definition of SUPI is a bad idea.Huawei provided SP-200598\_Rev1 and SP-200599\_Rev1Huawei provided SP-200599\_Rev2 for Rel-16 mirror CR to also include TR29.571.Huawei replied Qualcomm' proposal of options for way forward and Huawei cannot agree a backward incompatible CR(as 0548,0549)/option2. As this issue can be solved by clarification instead of redefining the R15 specification. Huawei can only accept we based on option1(i.e. 0598rev1,0599rev2) for this meeting. If we cannot agree with option1, Huawei proposed to send LS to SA3 and CT4, and ask them to clarify encoding of SUPI. |  |
| 15 | **SP-200548** | DISCUSSION | Agreement | Clarification on the use of SUPI as the Identity in EAP-AKA' key derivation | Qualcomm Incorporated, Nokia, Nokia Shanghai Bell, Ericsson, ZTE | Rel-15 | Proposed Action: noted | Huawei: Current proposal brought a new definition of SUPI. And it is not a right way to solve the issue.Nokia: In our opinion it is SA3's duty to specify how to derive EAP-AKA' keys. This is not something CT4 owns as suggested by Huawei. We suggest to put energy to resolve this issue during this plenary meeting to avoid any further delays on this Rel-15 issue.SA3's responsibility is to define the content of the input of the key derivation. We defined the content is SUPI. SA3 did not define the format for IMSI or NAI. So it would be a little bit strange that SA3 define format of SUPI. We are clear that what we need to decide is what SUPI type format we would like to use: digital string as 24.501 or character string as 29.571. for that I think CT has the best position to decide. I am ok if we can easily get conclusion which protocol we need use here but I guess it would be difficult also.Curt (Charter) agrees that we should select one of the options (option 1 or 2) suggested by Qualcomm and 3GPP should not accept the other option that will create inter-operability issue in the ecosystem.Haris (Qualcomm) proposes options for way forwardSamsung supports Option 1 proposed by Qualcomm and does not agree to leave the interportability issue unaddressed in Rel-15 and Rel-16. This inter-operability issue needs to be address in this SA plenary or in the upcoming SA3 meeting. We strongly support 0549 and 0550, as it is in-line with the specified usage of SUPI (c.f A.7.0)Intel supports Qualcomm's proposal to agree either of the two options in this SA plenary.Huawei proposes options for way forward.Haris (Qualcomm) comments on Huawei proposalHuawei replied on Qualcomm's commentsDeutsche Telekom agrees that there needs to be only one option approved to avoid interoperability problems, regardless which option is taken.Intel comments on the way forward.Jinguo(ZTE) supports option 2 in Haris' wordingMiikka (Nokia) comments way forwardHuawei replied Qualcomm' proposal of options for way forward and sustained objection of a backward incompatible CR(as 0548,0549)/option2. As this issue can be solved by clarification instead of redefining the R15 specification. Huawei can only accept option1 for this meeting. If we cannot agree with option1, Huawei proposed to send LS to SA3 and CT4, and ask them to clarify encoding of SUPI. |  |
| 15 | **SP-200549** | CR | Approval | 33.501 CR0761R2 (Rel-15, 'F'): Clarification on the use of SUPI as the Identity in EAP-AKA' key derivation | Qualcomm Incorporated, Nokia, Nokia Shanghai Bell, ZTE, Ericsson, Samsung | Rel-15 | Revision of S3-201272 (not pursued at SA3#99-e) | Huawei: Current proposal brought a new definition of SUPI. And it is not a right way to solve the issue.Nokia: In our opinion it is SA3's duty to specify how to derive EAP-AKA' keys. This is not something CT4 owns as suggested by Huawei. We suggest to put energy to resolve this issue during this plenary meeting to avoid any further delays on this Rel-15 issue.SA3's responsibility is to define the content of the input of the key derivation. We defined the content is SUPI. SA3 did not define the format for IMSI or NAI. So it would be a little bit strange that SA3 define format of SUPI. We are clear that what we need to decide is what SUPI type format we would like to use: digital string as 24.501 or character string as 29.571. for that I think CT has the best position to decide. I am ok if we can easily get conclusion which protocol we need use here but I guess it would be difficult also.Haris (Qualcomm) proposes options for way forwardCurt (Charter) agrees that we should select one of the options (option 1 or 2) suggested by Qualcomm and 3GPP should not accept the other option that will create inter-operability issue in the ecosystem.Samsung supports Option 1 proposed by Qualcomm and does not agree to leave the interportability issue unaddressed in Rel-15 and Rel-16. This inter-operability issue needs to be address in this SA plenary or in the upcoming SA3 meeting. We strongly support 0549 and 0550, as it is in-line with the specified usage of SUPI (c.f A.7.0)Intel supports Qualcomm's proposal to agree either of the two options in this SA plenary.Huawei proposes options for way forward.Haris (Qualcomm) comments on Huawei proposalHuawei replied on Qualcomm's commentsDeutsche Telekom agrees that there needs to be only one option approved to avoid interoperability problems, regardless which option is taken.Intel comments on the way forward.Miikka (Nokia) comments way forwardHuawei replied Qualcomm' proposal of options for way forward and sustained objection of a backward incompatible CR(as 0548,0549)/option2. As this issue can be solved by clarification instead of redefining the R15 specification. Huawei can only accept option1 for this meeting. If we cannot agree with option1, Huawei proposed to send LS to SA3 and CT4, and ask them to clarify encoding of SUPI. |  |
| 15 | **SP-200550** | CR | Approval | 33.501 CR0762R2 (Rel-16, 'A'): Clarification on the use of SUPI as the Identity in EAP-AKA' key derivation | Qualcomm Incorporated, Nokia, Nokia Shanghai Bell, ZTE, Ericsson, Samsung | Rel-16 | Revision of S3-201273 (not pursued at SA3#99-e) | Huawei: Current proposal brought a new definition of SUPI. And it is not a right way to solve the issue.Nokia: In our opinion it is SA3's duty to specify how to derive EAP-AKA' keys. This is not something CT4 owns as suggested by Huawei. We suggest to put energy to resolve this issue during this plenary meeting to avoid any further delays on this Rel-15 issue.SA3's responsibility is to define the content of the input of the key derivation. We defined the content is SUPI. SA3 did not define the format for IMSI or NAI. So it would be a little bit strange that SA3 define format of SUPI. We are clear that what we need to decide is what SUPI type format we would like to use: digital string as 24.501 or character string as 29.571. for that I think CT has the best position to decide. I am ok if we can easily get conclusion which protocol we need use here but I guess it would be difficult also.Haris (Qualcomm) proposes options for way forwardCurt (Charter) agrees that we should select one of the options (option 1 or 2) suggested by Qualcomm and 3GPP should not accept the other option that will create inter-operability issue in the ecosystem.Samsung supports Option 1 proposed by Qualcomm and does not agree to leave the interportability issue unaddressed in Rel-15 and Rel-16. This inter-operability issue needs to be address in this SA plenary or in the upcoming SA3 meeting. We strongly support 0549 and 0550, as it is in-line with the specified usage of SUPI (c.f A.7.0)Intel supports Qualcomm's proposal to agree either of the two options in this SA plenary.Huawei proposes options for way forward.Haris (Qualcomm) comments on Huawei proposalHuawei replied on Qualcomm's commentsDeutsche Telekom agrees that there needs to be only one option approved to avoid interoperability problems, regardless which option is taken.Intel comments on the way forward.Miikka (Nokia) comments way forwardJinguo(ZTE) supports option 2 in Haris' wordingHuawei replied Qualcomm' proposal of options for way forward and sustained objection of a backward incompatible CR(as 0548,0549)/option2. As this issue can be solved by clarification instead of redefining the R15 specification. Huawei can only accept option1 for this meeting. If we cannot agree with option1, Huawei proposed to send LS to SA3 and CT4, and ask them to clarify encoding of SUPI. |  |
| 15 | **SP-200614** | DISCUSSION | Decision | Combined options for EAP-AKA’ SUPI issue | Huawei, Hisilicon |  | Left for further discussion at CC#3.Proposed Action: Noted |  |  |
| 15 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=13 |  | **-**  |
| 15 | **SP-200421** | CR PACK | Approval | CRs to 23.401 (NB\_IOTenh-Core, CIoT\_Ext, Rel-15, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 15 | **SP-200357** | CR PACK | Approval | Rel-15 CRs on Security Assurance Specification for eNB network product class | SA WG3 |  | Block approved |  | **Approved**  |
| 15 | **SP-200361** | CR PACK | Approval | Rel-15 CRs on MC Security Enhancements | SA WG3 |  | Block approved |  | **Approved**  |
| 15 | **SP-200370** | CR PACK | Approval | Rel-15 CRs on Security aspects of 5G System - Phase 1 | SA WG3 |  | Block approved |  | **Approved**  |
| 15 | **SP-200390** | CR PACK | Approval | CRs to Correction on Partial File Handling [eDASH,TEI15] | SA WG4 |  | Block approved |  | **Approved**  |
| 15 | **SP-200486** | CR PACK | Approval | Rel-15 CRs on TEI | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200491** | CR PACK | Approval | Rel-15 CRs on Network Resource Model (NRM) for 5G networks and network slicing | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200492** | CR PACK | Approval | Rel-15 CRs on Performance Assurance for 5G networks including network slicing | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200498** | CR PACK | Approval | Rel-15 CRs on Provisioning of network slicing for 5G networks and services | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200499** | CR PACK | Approval | Rel-15 CRs on Management and orchestration of 5G networks and network slicing | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200501** | CR PACK | Approval | Rel-15 CRs on Fault Supervision for 5G networks and network slicing | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200504** | CR PACK | Approval | Rel-15 CRs on REST Solution Sets (normative work) | SA WG5 |  | Block approved |  | **Approved**  |
| 15 | **SP-200510** | CR PACK | Approval | Rel-15 CRs on Service Based Interface for 5G Charging | SA WG5 |  | Block approved |  | **Approved**  |
| 16 | - | - | - | Rel-16 CRs | - | - | Docs:=0 |  | **-**  |
| 16.1 | - | - | - | SA WG1 Rel-16 CRs | - | - | Docs:=4 |  | **-**  |
| 16.1 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=4 |  | **-**  |
| 16.1 | **SP-200560** | CR PACK | Approval | SA WG1 CRs on MONASTERY2 | SA WG1 | Rel-16 | Block approved |  | **Approved**  |
| 16.1 | **SP-200561** | CR PACK | Approval | SA WG1 CRs on SMARTER\_Ph2 | SA WG1 | Rel-16 | Block approved |  | **Approved**  |
| 16.1 | **SP-200562** | CR PACK | Approval | SA WG1 CRs on cyberCAV | SA WG1 | Rel-16 | Block approved |  | **Approved**  |
| 16.1 | **SP-200563** | CR PACK | Approval | SA WG1 CRs on TEI16 | SA WG1 | Rel-16 | Block approved |  | **Approved**  |
| 16.2 | - | - | - | SA WG2 Rel-16 CRs | - | - | Docs:=35 |  | **-**  |
| 16.2 | **SP-200516** | CR | Approval | 23.502 CR2317R1 (Rel-16, 'F'): Clarification on Registration with AMF re-allocation | ZTE | Rel-16 | Revision of S2-2003814 (23.502 CR2317, noted at S2#139-e). CC#1: Ericsson asked for more time to review this new CR. Postponed at CC#3 | Haris (Qualcomm) suggests this CR to be discussed in SA2Jinguo(ZTE) response to Haris and provide rev1.Shabnam (Ericsson) supports Qualcomm, this CR to be discussed in SA2 first | Postponed |
| 16.2 | **SP-200515** | CR | Approval | 23.501 CR2230R2 (Rel-16, 'F'): Spliting port management information into port- and bridge-specific information | Intel, Samsung, Nokia, Nokia Shanghai Bell, Ericsson, NTT DOCOMO, vivo, ZTE, Qualcomm Incorporated | Rel-16 | Revision of S2-2003260 (23.501 CR2230R1) in CR Pack SP-200438. Approved at CC#1 |  | **Approved**  |
| 16.2 | **SP-200438** | CR PACK | Approval | CRs to 23.501 (Vertical\_LAN, Rel-16) | SA WG2 |  | Proposed revision of 23.501 CR2230R1 in SP-200515. CC#1: All CRs except 23.501 CR2230R1 were approved |  | Partially approved |
| 16.2 | **SP-200527** | CR | Approval | 23.502 CR2219R2 (Rel-16, 'F'): Update PDU Session release when Control Plane Only indication is not applicable | Intel, OPPO, Nokia, Nokia Shanghai Bell, Interdigital | Rel-16 | Revision of S2-2003462 (23.502 CR2219R1) in CR Pack SP-200422. Source to TSG incorrect. CC#1: SP-200527\_rev1 was approved. Revised to SP-200609. | Alessio(Nokia): this should be used as basis for discussion as the uploaded CRs in SP-200527 and SP200528 have received further offline comments (some editorial and some related to covering aspects from another approved SA2 CR on release of PDU sessions when S-NSSAI is no longer available)Alessio(Nokia): provides SP-200527r01 | Revised |
| 16.2 | **SP-200609** | CR | Approval | 23.502 CR2219R3 (Rel-16, 'F'): Update PDU Session release when Control Plane Only indication is not applicable | Intel, OPPO, Nokia, Nokia Shanghai Bell, Interdigital | Rel-16 | Revision of SP-200527\_rev1. This CR was Approved |  | **Approved**  |
| 16.2 | **SP-200528** | CR | Approval | 23.501 CR2361R2 (Rel-16, 'F'): PDU Session release when Control Plane Only indication is not available | Interdigital Inc., Nokia, Nokia Shanghai Bell | Rel-16 | Revision of S2-2003463 (23.501 CR2361R1) in CR Pack SP-200422. Source to TSG incorrect. Approved at CC#1. Revised to SP-200610. | Alessio(Nokia): provides SP-200528r01Alessio(Nokia): this should be used as basis for discussion as the uploaded CRs in SP-200527 and SP200528 have received further offline comments (some editorial and some related to covering aspects from another approved SA2 CR on release of PDU sessions when S-NSSAI is no longer available) | Revised |
| 16.2 | **SP-200610** | CR | Approval | 23.501 CR2361R3 (Rel-16, 'F'): PDU Session release when Control Plane Only indication is not available | Interdigital Inc., Nokia, Nokia Shanghai Bell | Rel-16 | Revision of SP-200528\_Rev1. This CR was approved |  | **Approved**  |
| 16.2 | **SP-200422** | CR PACK | Approval | CRs to 23.273, 23.501, 23.502, 23.503 (5G\_CIoT, Rel-16) | SA WG2 |  | Proposed revision of 23.502 CR2219R1 in SP-200527 and 23.501 CR2361R1 in SP-200528. CC#1: All CRs except 23.502 CR2219R1 and 23.501 CR2361R1 were approved. |  | Partially approved |
| 16.2 | **SP-200589** | CR | Approval | 23.503 CR0472R1 (Rel-16, 'F'): Update about Alternative QoS Profile | Huawei, HiSilicon, China Mobile, Telecom Italia, British Telecom, KPN, Orange, Vodafone, China Unicom | Rel-16 | Proposed replacement of 23.503 CR0472 in CR Pack SP-200425 | Huawei replies to Qualcomm's questions.Huawei asks technical questions following the discussion in the GTM call.Haris (Qualcomm) objects to SP-200588, SP-200589Johannes (Deutsche Telekom AG) objects to SP-200588, SP-200589 as this would need to be re-aligned with RAN working groups and the changes are late for inclusion in Rel16, especially in RAN.Nokia: Nokia objects to SP-200588, SP-200589.Ericsson: Ericsson objects to SP-200588, SP-200589 and proposed to approve original submitted CRs from SA2.LaeYoung (LGE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed.Jinguo(ZTE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed. |  |
| 16.2 | **SP-200425** | CR PACK | Approval | CRs to 23.501, 23.502, 23.503 (5G\_URLLC, Rel-16) | SA WG2 |  | Proposed revision of 23.503 CR0487 in SP-200589 |  |  |
| 16.2 | **SP-200586** | DISCUSSION | Agreement | Discussion of SA WG2 CR on PDU session establishment with no S-NSSAI | Samsung R&D Institute UK | Rel-16 | Suggests not approving 23.502 CR2203R1 in SP-200551 |  |  |
| 16.2 | **SP-200607** | CR | Approval | 23.401 CR3602R2 (Rel-16, 'B'): Alignment CR for DAPS HO | Qualcomm Incorporated | Rel-16 | Proposed revision of 23401 CR3602r1 in CR Pack SP-200551. This CR was approved. 23401 CR3602r1 in SP-200551 should be noted. | Haris (Qualcomm): proposes revision SP-200607 |  |
| 16.2 | **SP-200426** | CR PACK | Approval | CRs to 23.401, 23.501, 23.502, 23.503 (5GS\_Ph1, TEI16, Rel-16) | SA WG2 |  | CRs resissued in SP-200551 |  | Revised |
| 16.2 | **SP-200551** | CR PACK | Approval | CRs to 23.401, 23.501, 23.502, 23.503 (5GS\_Ph1, TEI16, Rel-16) | SA WG2 |  | Update of SP-200426 to correct some WI Codes to add TEI16. SP-200586 suggests not approving 23.502 CR2203R1. Proposed revision of 23401 CR3602r1 in SP-200607 | Haris (Qualcomm): this TS 23.401 contains inappropriate 5GS terms (NG-RAN instead of eNodeB, AMF instead of MME)MCC allocated a new document for revision of 23401 CR3602r1 in SP-200607Andy (Samsung): Revision proposed based on suggestion on SA2 discussions email list.Alessio(Nokia): can Andy clarify what is not clear in text that is removed :' If there is only one S-NSSAI in the Allowed NSSAI, this S-NSSAI shall be used. If there is more than one S-NSSAI in the Allowed NSSAI,...'Andy (Samsung): Response to Nokia to clarify why the text is removed.Andy (Samsung): The intended revision proposed based on suggestion on SA2 discussions email list.Alessio(Nokia): not satisfied with reason provided. |  |
| 16.2 | **SP-200588** | CR | Approval | 23.501 CR2370R2 (Rel-16, 'F'): Alignment on Alternative QoS Profile | Huawei, HiSilicon, China Mobile, Telecom Italia, British Telecom, KPN, Orange, Vodafone, China Unicom | Rel-16 | Proposed replacement of 23.501 CR2370R1 in CR Pack SP-200434 | Huawei replies to Qualcomm's questions.Huawei asks technical questions following the discussion in the GTM call.Haris (Qualcomm) objects to SP-200588, SP-200589Johannes (Deutsche Telekom AG) objects to SP-200588, SP-200589 as this would need to be re-aligned with RAN working groups and the changes are late for inclusion in Rel16, especially in RAN.Nokia: Nokia objects to SP-200588, SP-200589.Ericsson: Ericsson objects to SP-200588, SP-200589 and proposed to approve original submitted CRs from SA2.LaeYoung (LGE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed.Jinguo(ZTE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed. |  |
| 16.2 | **SP-200434** | CR PACK | Approval | CRs to 23.285, 23.287, 23.501, 23.502, 23.503 (eV2XARC, Rel-16) | SA WG2 |  | Proposed revision of 23.501 CR2370R1 in SP-200588 |  |  |
| 16.2 | **SP-200594** | CR | Approval | 23.503 CR0451R2 (Rel-16, 'F'): URSP info provision for xBDT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE | Rel-16 | Proposed revision of 23.503 CR0451R1 in CR Pack SP-200440. Approved at CC#1 |  | **Approved**  |
| 16.2 | **SP-200440** | CR PACK | Approval | CRs to 23.502, 23.503 (xBDT, Rel-16) | SA WG2 |  | Proposed revision of 23.503 CR0451R1 in SP-200594. CC#1: All CRs except 23.503 CR0451R1 were approved. |  | Partially approved |
| 16.2 | **SP-200587** | DISCUSSION | Approval | Discussion on way forward for content of Alternative QoS Profiles | Huawei, HiSilicon, China Mobile, Telecom Italia, British Telecom, KPN, Orange Vodafone, China Unicom | Rel-16 |  | Huawei replies to Qualcomm's questions.Huawei asks technical questions following the discussion in the GTM call.Huawei proposes LS out SP-200590\_rev1Jinguo(ZTE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed.LaeYoung (LGE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed.Ericsson: Ericsson objects to SP-200588, SP-200589 and proposed to approve original submitted CRs from SA2.Nokia: Nokia objects to SP-200588, SP-200589.Johannes (Deutsche Telekom AG) objects to SP-200588, SP-200589 as this would need to be re-aligned with RAN working groups and the changes are late for inclusion in Rel16, especially in RAN.Haris (Qualcomm) objects to SP-200588, SP-200589 |  |
| 16.2 | **SP-200590** | LS OUT | Approval | [DRAFT] LS on Alternative QoS Profile | Huawei | Rel-16 | Companies were asked to provide clear proposals for this to be discussed in CC#4 | Huawei replies to Qualcomm's questions.Huawei asks technical questions following the discussion in the GTM call.Haris (Qualcomm) objects to SP-200588, SP-200589Johannes (Deutsche Telekom AG) objects to SP-200588, SP-200589 as this would need to be re-aligned with RAN working groups and the changes are late for inclusion in Rel16, especially in RAN.Nokia: Nokia objects to SP-200588, SP-200589.Ericsson: Ericsson objects to SP-200588, SP-200589 and proposed to approve original submitted CRs from SA2.LaeYoung (LGE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed.Jinguo(ZTE) proposes to NOTE SP-200588 and SP-200589, and to approve original submitted CRs from SA2. We don't think the LS SP-200590 is needed. |  |
| 16.2 | **SP-200435** | CR PACK | Approval | CR to 23.282 (IABARC, Rel-16) | SA WG2 |  | Conditional on RAN WG2/RAN WG3 response to LS in SP-200325. Approved at CC#3 |  | **Approved**  |
| 16.2 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=14 |  | **-**  |
| 16.2 | **SP-200423** | CR PACK | Approval | CRs to 23.273, 23.502 (5G\_eLCS, Rel-16) | SA WG2 |  | 23.273 CR0118 is withdrawn, as 23.273 CR0126 in CR Pack SP-200422 relaces it. All CRs except 23.273 CR0118 were Block approved. Partially approved |  | Partially approved |
| 16.2 | **SP-200424** | CR PACK | Approval | CRs to 23.501, 23.502 (5G\_eSBA, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200427** | CR PACK | Approval | CRs to 23.316, 23.501, 23.502, 23.503 (5WWC, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200428** | CR PACK | Approval | CRs to 23.501, 23.502, 23.503 (ATSSS, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200429** | CR PACK | Approval | CRs to 23.501, 23.502, 23.503 (CUPS, TEI16, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200430** | CR PACK | Approval | CR to 23.501 (eIMS5G\_SBA, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200431** | CR PACK | Approval | CRs to 23.228, 23.502, 23.503 (eNA, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200432** | CR PACK | Approval | CRs to 23.501, 23.502 (eNS, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200433** | CR PACK | Approval | CRs to 23.501, 23.502 (ETSUN, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200436** | CR PACK | Approval | CRs to 23.401, 23.501, 23.502, 23.682 (RACS, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200437** | CR PACK | Approval | CRs to 23.501, 23.502 (UDICOM, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200439** | CR PACK | Approval | CRs to 23.502, 23.503 (Vertical\_LAN, Rel-16) | SA WG2 |  | Block approved |  | **Approved**  |
| 16.2 | **SP-200441** | CR PACK | Approval | CRs to 23.167, 23.237, 23.401, 23.501, 23.502, 23.503 (TEI16, Rel-16) | SA WG2 |  | CRs reissued in SP-200552 |  | Revised |
| 16.2 | **SP-200552** | CR PACK | Approval | CRs to 23.167, 23.237, 23.401, 23.501, 23.502, 23.503 (TEI16, Rel-16) | SA WG2 |  | Update of SP-200441 to add CIoT WI Code for TEI16 CRs Block approved |  | **Approved**  |
| 16.3 | - | - | - | SA WG3 and SA WG3 LI Rel-16 CRs | - | - | Docs:=16 |  | **-**  |
| 16.3 | **SP-200553** | CR | Approval | 33.501 CR0853 (Rel-16, 'B'): CR for network slice specific authentication and authorization clauses | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, Ericsson, Hewlett-Packard Enterprise, China Mobile, CATT, Inter Digital | Rel-16 | Source to TSG incorrect. Approved at CC#1 |  | **Approved**  |
| 16.3 | **SP-200584** | CR | Approval | 33.501 CR0854 (Rel-16, 'B'): Token-based authorization in indirect communication scenarios | CableLabs, Mavenir, Nokia, Nokia Shanghai Bell, Ericsson, Huawei, Hisilicon | Rel-16 | Source to TSG incorrect. Approved at CC#1 |  | **Approved**  |
| 16.3 | **SP-200365** | CR PACK | Approval | Rel-16 CRs on Security for enhancements to the Service Based 5G System Architecture | SA WG3 |  | CC#3: Removed from block approval |  |  |
| 16.3 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=13 |  | **-**  |
| 16.3 | **SP-200356** | CR PACK | Approval | Rel-16 CRs on TEI | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200358** | CR PACK | Approval | Rel-16 CRs on Security Assurance Specification for 5G | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200359** | CR PACK | Approval | Rel-16 CRs on Security aspects of eCAPIF | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200362** | CR PACK | Approval | Rel-16 CRs on Mission Critical Services Security Enhancements | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200363** | CR PACK | Approval | Rel-16 CRs on 3GPP profiles for cryptographic algorithms and security protocols | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200364** | CR PACK | Approval | Rel-16 CRs on Security Aspects of eV2XARC | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200366** | CR PACK | Approval | Rel-16 CRs on Security of 5G\_CIoT | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200368** | CR PACK | Approval | Rel-16 CRs on Security for IAB | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200369** | CR PACK | Approval | Rel-16 CRs on Authentication and key management for applications based on 3GPP credential in 5G | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200371** | CR PACK | Approval | Rel-16 CRs on User Plane Gateway Function for Inter-PLMN Security | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200372** | CR PACK | Approval | Rel-16 CRs on Security of 5WWC | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200373** | CR PACK | Approval | Rel-16 CRs on Security of 5G\_eLCS | SA WG3 |  | Block approved |  | **Approved**  |
| 16.3 | **SP-200407** | CR PACK | Approval | Rel-16 CRs on Lawful Interception | SA WG3-LI | Rel-16 | Block approved |  | **Approved**  |
| 16.4 | - | - | - | SA WG4 Rel-16 CRs | - | - | Docs:=12 |  | **-**  |
| 16.4 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=12 |  | **-**  |
| 16.4 | **SP-200388** | CR PACK | Approval | CRs for consolidated changes to 26.501 [5GMSA] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200389** | CR PACK | Approval | CR to Adding Support for Remote Control [E\_FLUS] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200391** | CR PACK | Approval | CR to Corrections to EVS Alternative Fixed-Point Source Code [EVS\_codec, Alt\_FX\_EVS] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200392** | CR PACK | Approval | CRs to QoE Measurement Collection [QOED] | SA WG4 |  | 26.114 CR0499 needed replacing by it's revision and was withdrawn. Revised in SP-200595 |  | Revised |
| 16.4 | **SP-200595** | CR PACK | Approval | CRs to QoE Measurement Collection [QOED] | SA WG4 |  | Revision of SP-200392 Block approved |  | **Approved**  |
| 16.4 | **SP-200393** | CR PACK | Approval | CRs to Service Announcement API for enTV [MC\_XMB,TEI16] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200394** | CR PACK | Approval | CR to Correction of 3gpp-qos-hint examples [5G\_MEDIA\_MTSI\_EXT] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200396** | CR PACK | Approval | CRs to Corrections of ch-aw-recv specification [EVS codec] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200397** | CR PACK | Approval | CRs to TS 26.114 and 26.346 [TEI16] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200402** | CR PACK | Approval | CRs to Remove H.263 and MPEG-4 Visual from 3GPP Services [RM\_H263\_MP4V] | SA WG4 | Rel-16 | Postponed at CC#3 |  | Postponed |
| 16.4 | **SP-200386** | CR PACK | Approval | CRs to Corrections of algorithmic description [EVS codec] | SA WG4 |  | Block approved |  | **Approved**  |
| 16.4 | **SP-200597** | CR PACK | Approval | CR Adding Media Feature Tag for IMS Data Channel [5G\_MEDIA\_MTSI\_ext] | SA WG4 |  | LATE DOC: Rx 26/06, 13:00. Late uploading due to an inadvertent administrative error Block approved |  | **Approved**  |
| 16.5 | - | - | - | SA WG5 Rel-16 CRs | - | - | Docs:=30 |  | **-**  |
| 16.5 | **SP-200522** | CR | Approval | 32.291 CR0221R2 (Rel-16, 'F'): Add the Retransmission Indicator in Open API | Huawei | Rel-16 | Revision of S5-202420 (32.291 CR0221R1) in CR Pack SP-200484. Source to TSG incorrect. Approved at CC#1 |  | **Approved**  |
| 16.5 | **SP-200484** | CR PACK | Approval | Rel-16 CRs on TEI batch 1 | SA WG5 |  | Proposed revision of 32.291 CR0221R1 in SP-200522. CC#1: All CRs except 32.291 CR0221R1 were approved |  | Partially approved |
| 16.5 | **SP-200542** | CR | Approval | 28.623 CR0094 (Rel-16, 'F'): Correction of YANG Solution for S5-203199 | Ericsson Hungary Ltd | Rel-16 | WITHDRAWN |  | Withdrawn |
| 16.5 | **SP-200596** | CR | Approval | 28.623 CR0085R1 (Rel-16, 'F'): Update Nrm YANG | Ericsson Hungary Ltd | Rel-16 | Revision of 28.623 CR0085 in CR Pack SP-200490. Approved at CC#1 |  | **Approved**  |
| 16.5 | **SP-200495** | CR PACK | Approval | Rel-16 CRs on Charging Access of ATSSS | SA WG5 |  | 32.255 CR0207R1 was withdrawn from this CR Pack by SA WG5. CC#1: All CRs except 28.623 CR0085 were approved. |  | Partially approved |
| 16.5 | **SP-200523** | CR | Approval | 28.532 CR0134 (Rel-16, 'F'): Convert JSON schema to YAML file for perfromance threshold monitoring service | Huawei | Rel-16 | Source to TSG incorrect. CC#1: SP-200523\_rev1 was approved. Revised to SP-200611. | Zoulan(Huawei): The 'Source to WG' and 'Source to TSG' need update. | Revised |
| 16.5 | **SP-200611** | CR | Approval | 28.532 CR0134R1 (Rel-16, 'F'): Convert JSON schema to YAML file for perfromance threshold monitoring service | Huawei | Rel-16 | Revision of SP-200523\_Rev1. This CR was approved |  | **Approved**  |
| 16.5 | **SP-200543** | CR | Approval | 28.541 CR0320 (Rel-16, 'F'): Update Clause 4.2.1.2 Inheritance UML diagram | Huawei | Rel-16 | Source to TSG incorrect. CC#1: SP-200543\_rev1 was approved. Revised to SP-200612. | Zoulan(Huawei):The 'Source to WG' and 'Source to TSG' need update. The title of the CR needs to be aligned.Zoulan(Huawei):The 'Source to WG' ,'Source to TSG' and 'WI code' need update. The title of the CR needs to be aligned. | Revised |
| 16.5 | **SP-200612** | CR | Approval | 28.541 CR0320R1 (Rel-16, 'F'): Update Clause 4.2.1.2 Inheritance UML diagram | Huawei | Rel-16 | Revision of SP-200543. This CR was approved |  | **Approved**  |
| 16.5 | **SP-200603** | CR | Approval | 28.541 CR0261R1 (Rel-16, 'B'): Rel-16 CR 28.541 Add IOC for control of QoS monitoring per QoS flow per UE | Intel | Rel-16 | LATE DOC: Rx 30/06, 07:20. Proposed revision of 28.541 CR0261 in CR pack SP-200489. Approved at CC#1 |  | **Approved**  |
| 16.5 | **SP-200604** | CR | Approval | 28.541 CR0262R1 (Rel-16, 'B'): Rel-16 CR 28.541 Add IOC for control of GTP-U path QoS monitoring | Intel | Rel-16 | LATE DOC: Rx 30/06, 07:20. Proposed revision of 28.541 CR0262 in CR pack SP-200489. Approved at CC#1 |  | **Approved**  |
| 16.5 | **SP-200489** | CR PACK | Approval | Rel-16 CRs on NRM enhancements batch 1 | SA WG5 |  | 28.541 CR0284R1 and 28.623 CR0046 are submitted in SP-200490 and are withdrawn from this CR Pack. Proposed revision of 28.541 CR0261 in SP-200603. Proposed revision of 28.541 CR0262 in SP-200604. This CR Pack was partially approved. |  | Partially approved |
| 16.5 | **SP-200605** | CR | Approval | 28.541 CR0286R2 (Rel-16, 'B'): Rel-16 CR 28.541 Add IOC for configurable 5QIs | Intel | Rel-16 | LATE DOC: Rx 30/06, 07:20. Proposed revision of 28.541 CR0286 in CR pack SP-200490. Approved at CC#1 |  | **Approved**  |
| 16.5 | **SP-200490** | CR PACK | Approval | Rel-16 CRs on NRM enhancements batch 2 | SA WG5 |  | Proposed revision of 28.623 CR0085 in SP-200596. Proposed revision of 28.541 CR0286 in SP-200605. CC#1: All CRs except 28.541 CR0286 were approved |  | Partially approved |
| 16.5 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=16 |  | **-**  |
| 16.5 | **SP-200483** | CR PACK | Approval | Rel-16 CRs on Streaming trace reporting | SA WG5 | Rel-16 | Block approved |  | **Approved**  |
| 16.5 | **SP-200485** | CR PACK | Approval | Rel-16 CRs on TEI batch 2 | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200493** | CR PACK | Approval | Rel-16 CRs on Self-Organizing Networks (SON) for 5G networks | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200494** | CR PACK | Approval | Rel-16 CRs on Management of QoE measurement collection | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200496** | CR PACK | Approval | Rel-16 CRs on Energy efficiency of 5G | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200497** | CR PACK | Approval | Rel-16 CRs on Enhancement of 3GPP management system for multiple tenant environment support | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200500** | CR PACK | Approval | Rel-16 CRs on Integration of ONAP and 3GPP 5G management framework | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200502** | CR PACK | Approval | Rel-16 CRs on Enhancement of performance assurance for 5G networks including network slicing batch 1 | SA WG5 |  | 28.552 CR0203 should be WI Cod NETSLICE-ADPM5G. This will be corrected in 3GU Block approved |  | **Approved**  |
| 16.5 | **SP-200503** | CR PACK | Approval | Rel-16 CRs on Enhancement of performance assurance for 5G networks including network slicing batch 2 | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200505** | CR PACK | Approval | Rel-16 CRs on Charging Aspect for 5WWC | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200506** | CR PACK | Approval | Rel-16 CRs on Charging Enhancement of 5GC interworking with EPC | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200507** | CR PACK | Approval | Rel-16 CRs on Charging aspects of ETSUN | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200508** | CR PACK | Approval | Rel-16 CRs on CHF-controlled quota management | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200509** | CR PACK | Approval | Rel-16 CRs on Charging AMF in 5G System Architecture Phase 1 | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200511** | CR PACK | Approval | Rel-16 CRs on Network Slice Performance and Analytics Charging in 5G System | SA WG5 |  | Block approved |  | **Approved**  |
| 16.5 | **SP-200512** | CR PACK | Approval | Rel-16 CRs on Management of MDT in 5G | SA WG5 |  | Block approved |  | **Approved**  |
| 16.6 | - | - | - | SA WG6 Rel-16 CRs | - | - | Docs:=3 |  | **-**  |
| 16.6 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=3 |  | **-**  |
| 16.6 | **SP-200337** | CR PACK | Approval | Rel-16 CRs to TS 23.222 for eCAPIF | SA WG6 |  | Block approved |  | **Approved**  |
| 16.6 | **SP-200338** | CR PACK | Approval | Rel-16 CRs to TS 23.434 for SEAL | SA WG6 |  | Block approved |  | **Approved**  |
| 16.6 | **SP-200339** | CR PACK | Approval | Rel-16 CRs to TS 23.379 for MONASTERY2 | SA WG6 |  | Block approved |  | **Approved**  |
| 17 | - | - | - | Rel-17 CRs (block approval if not otherwise requested) | - | - | Docs:=0 |  | **-**  |
| 17.1 | - | - | - | SA WG1 Rel-17 CRs | - | - | Docs:=8 |  | **-**  |
| 17.1 | **SP-200593** | CR | Approval | 22.125 CR0028R3 (Rel-17, 'F'): Clarification of the definition of a UAS | Qualcomm | Rel-17 | Proposed replacement of 22.125 CR0028R2 in CR Pack SP-200564. Postponed at CC#2 | Suresh Chitturi (SA6 Chair): QC CR in SP-200593 attempts to bring consistency to SA1 CR (SP-200564) and the related approved pCR (S6-200824) in SA6 UASAPP study, where the text in the definition and Annex are consistent. | Postponed |
| 17.1 | **SP-200564** | CR PACK | Approval | SA WG1 CRs on EAV | SA WG1 | Rel-17 | Proposed replacement CR in SP-200593. CC#2: Postponed at CC#2 |  | Postponed |
| 17.1 | **SP-200513** | CR | Approval | 21.905 CR0120 (Rel-17, 'F'): UICC definition alignment | THALES | Rel-17 | Source to TSG incorrect. Also submitted in SP-200570. WITHDRAWN. |  | Withdrawn |
| 17.1 | **SP-200570** | CR | Approval | 21.905 CR0121 (Rel-17, 'F'): UICC definition alignment | Thales | Rel-17 | Source to TSG incorrect. Approved at CC#1 |  | **Approved**  |
| 17.1 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=4 |  | **-**  |
| 17.1 | **SP-200565** | CR PACK | Approval | SA WG1 CRs on AVPROD | SA WG1 | Rel-17 | Block approved |  | **Approved**  |
| 17.1 | **SP-200567** | CR PACK | Approval | SA WG1 CRs on eCAV | SA WG1 | Rel-17 | Block approved |  | **Approved**  |
| 17.1 | **SP-200568** | CR PACK | Approval | SA WG1 CRs on CMED | SA WG1 |  | Block approved |  | **Approved**  |
| 17.1 | **SP-200569** | CR PACK | Approval | SA WG1 CRs on TEI17 | SA WG1 | Rel-17 | Block approved |  | **Approved**  |
| 17.2 | - | - | - | SA WG2 Rel-17 CRs | - | - | Docs:=1 |  | **-**  |
| 17.2 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=1 |  | **-**  |
| 17.2 | **SP-200442** | CR PACK | Approval | CRs to 23.737 (FS\_5GSAT\_ARCH, Rel-17) | SA WG2 |  | Block approved |  | **Approved**  |
| 17.3 | - | - | - | SA WG3 and SA WG3 LI Rel-17 CRs | - | - | Docs:=0 |  | **-**  |
| 17.3 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 17.4 | - | - | - | SA WG4 Rel-17 CRs | - | - | Docs:=0 |  | **-**  |
| 17.4 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 17.5 | - | - | - | SA WG5 Rel-17 CRs | - | - | Docs:=0 |  | **-**  |
| 17.5 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 17.6 | - | - | - | SA WG6 Rel-17 CRs | - | - | Docs:=3 |  | **-**  |
| 17.6 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=3 |  | **-**  |
| 17.6 | **SP-200340** | CR PACK | Approval | Rel-17 CRs to TS 23.280, TS 23.281 and TS 23.379 for eMONASTERY2 | SA WG6 |  | Block approved |  | **Approved**  |
| 17.6 | **SP-200341** | CR PACK | Approval | Rel-17 CRs to TS 23.282 for eMCData3 | SA WG6 |  | Block approved |  | **Approved**  |
| 17.6 | **SP-200342** | CR PACK | Approval | Rel-17 CRs to TS 23.280 and TS 23.379 for enh3MCPTT | SA WG6 |  | Block approved |  | **Approved**  |
| 18 | - | - | - | CR’s related to Study Items (block approval if not otherwise requested) | - | - | Docs:=3 |  | **-**  |
| 18 | - | - | - | Block 5: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=3 |  | **-**  |
| 18 | **SP-200374** | CR PACK | Approval | Rel-16 CRs on Study on Security for 5GS Enhanced support of Vertical and LAN Services | SA WG3 |  | Block approved |  | **Approved**  |
| 18 | **SP-200375** | CR PACK | Approval | Rel-16 CRs on Study on authentication and key management for applications based on 3GPP credential in 5G | SA WG3 |  | Block approved |  | **Approved**  |
| 18 | **SP-200566** | CR PACK | Approval | SA WG1 CRs on FS\_eCAV | SA WG1 | Rel-17 | Block approved |  | **Approved**  |
| Block 6 | - | - | - | All items in agenda items 19 (Project Mgmt and TSG SA ownd Specs) and 20 (AOB) and their sub-agenda items will be marked approved/noted/endorsed on Thursday July 2 15:00 UTC if no other requests were received. | - | - | Docs:=0 |  | **-**  |
| 19 | - | - | - | Project Management & TSG SA owned specifications | - | - | Docs:=0 |  | **-**  |
| 19.1 | - | - | - | Review of the work plan | - | - | Docs:=12 |  | **-**  |
| 19.1 | SP-200606 | WORK PLAN | Information | Work Plan review at TSG SA#88e | Work Plan Manager |  | LATE DOC: |  |  |
| 19.1 | - | - | - | Block 6: For block approval - Thursday July 2, 15:00 UTC | - | - | Docs:=11 |  | **-**  |
| 19.1 | **SP-200408** | CR | Approval | 33.203 CR0250 (Rel-13, 'F'): Draft-ietf-tram-turn-third-party-authz has been published as RFC7635 | Orange | Rel-13 | Block approved |  | **Approved**  |
| 19.1 | **SP-200409** | CR | Approval | 33.203 CR0251 (Rel-14, 'A'): Draft-ietf-tram-turn-third-party-authz has been published as RFC7635 | Orange | Rel-14 | Block approved |  | **Approved**  |
| 19.1 | **SP-200410** | CR | Approval | 33.203 CR0252 (Rel-15, 'A'): Draft-ietf-tram-turn-third-party-authz has been published as RFC7635 | Orange | Rel-15 | Block approved |  | **Approved**  |
| 19.1 | **SP-200411** | CR | Approval | 32.322 CR0010 (Rel-8, 'F'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-8 | Block approved |  | **Approved**  |
| 19.1 | **SP-200412** | CR | Approval | 32.322 CR0011 (Rel-9, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-9 | Block approved |  | **Approved**  |
| 19.1 | **SP-200413** | CR | Approval | 32.322 CR0012 (Rel-10, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-10 | Block approved |  | **Approved**  |
| 19.1 | **SP-200414** | CR | Approval | 32.322 CR0013 (Rel-11, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-11 | Block approved |  | **Approved**  |
| 19.1 | **SP-200415** | CR | Approval | 32.322 CR0014 (Rel-12, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-12 | Block approved |  | **Approved**  |
| 19.1 | **SP-200416** | CR | Approval | 32.322 CR0015 (Rel-13, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-13 | Block approved |  | **Approved**  |
| 19.1 | **SP-200417** | CR | Approval | 32.322 CR0016 (Rel-14, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-14 | Block approved |  | **Approved**  |
| 19.1 | **SP-200418** | CR | Approval | 32.322 CR0017 (Rel-15, 'A'): Draft-ietf-ippm-twamp has been published as RFC5357 | Orange | Rel-15 | Block approved |  | **Approved**  |
| 19.2 | - | - | - | Specification Status | - | - | Docs:=0 |  | **-**  |
| 19.2 | - | - | - | Block 6: For block endorsement - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 19.3 | - | - | - | Work Item Summaries for TR 21.91x (to be block approved) | - | - | Docs:=12 |  | **-**  |
| 19.3 | - | - | - | Block 6: For block endorsement - Thursday July 2, 15:00 UTC | - | - | Docs:=12 |  | **-**  |
| 19.3 | **SP-200343** | WI SUMMARY | Endorsement | Work Item Summary for Enhancements of Public Warning System (ePWS) | SyncTechno Inc. (Rapporteur) | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200344** | WI SUMMARY | Endorsement | Work Item Summary for Maritime Communication Services over 3GPP System (MARCOM) | SyncTechno Inc. (Rapporteur) | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200403** | WI SUMMARY | Endorsement | Summary for WI ANTeM | HEAD acoustics GmbH | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200520** | WI SUMMARY | Approval | Summary for WI KPI reporting | ZTE Corporation | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200524** | WI SUMMARY | Endorsement | Add Telecom management section to TR 21.916 | SA WG5 Vice Chairman (Huawei), SA WG5 Chairman, SA WG5 Vice Chairman (Nokia) | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200525** | WI SUMMARY | Endorsement | Add WI summary of Charging Aspect for 5WWC to TR 21.916 | Huawei Tech.(UK) Co., Ltd | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200526** | WI SUMMARY | Endorsement | Add WI summary of management enhancement for tenant environment support to TR 21.916 | Huawei Tech.(UK) Co., Ltd | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200531** | WI SUMMARY | Endorsement | Summary for WI Methodology for 5G management specifications | Ericsson LM |  | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200532** | WI SUMMARY | Endorsement | Summary for WI Closed loop SLS Assurance | Ericsson LM |  | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200534** | WI SUMMARY | Endorsement | Summary for the SBMA trace and Streaming trace work items | Nokia | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200535** | WI SUMMARY | Approval | Work Item Summary for 5G management capabilities | Orange Spain | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.3 | **SP-200544** | WI SUMMARY | Endorsement | WI\_summary\_MA5SLA | China Mobile Com. Corporation | Rel-16 | Block Endorsed |  | **Endorsed**  |
| 19.4 | - | - | - | Improvements to working methods & CRs against 3GPP TSG SA owned Specifications | - | - | Docs:=0 |  | **-**  |
| 19.4 | - | - | - | Block 6: For block noting - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 19.5 | - | - | - | MCC Status Report | - | - | Docs:=1 |  | **-**  |
| 19.5 | - | - | - | Block 6: For block noting - Thursday July 2, 15:00 UTC | - | - | Docs:=1 |  | **-**  |
| 19.5 | **SP-200449** | REPORT | Information | Support Team report | MCC |  | Block noted |  | Noted |
| 19.6 | - | - | - | Future Meeting schedule | - | - | Docs:=0 |  | **-**  |
| 19.6 | - | - | - | Block 6: For block approve/note/endorse - Thursday July 2, 15:00 UTC | - | - | Docs:=0 |  | **-**  |
| 20 | - | - | - | Any Other Business | - | - | Docs:=1 |  | **-**  |
| 20 | - | - | - | Block 6: For block noting - Thursday July 2, 15:00 UTC | - | - | Docs:=1 |  | **-**  |
| 20 | **SP-200579** | REPORT | Information | ISO SC29 (JPEG/MPEG) reorganization | Beijing Xiaomi Mobile Software |  | This was presented and noted in CC#3 |  | Noted |
| 21 | - | - | - | Close of Meeting | - | - | Docs:=0 |  | **-**  |
| 99 | - | - | - | WITHDRAWN ITEMS | - | - | Docs:=7 |  | **-**  |
| 99 | SP-200555 | CR | Approval | 22.125 CR0032 (Rel-17, 'F'): Revised SA WG1 CR-TS 22.125 on UAS definition | Qualcomm CDMA Technologies | Rel-17 | Should be withdrawn and a new CR allocate as a revision of S1-202268 WITHDRAWN |  | Withdrawn |
| 99 | SP-200556 | P-CR | Approval | 23.755: Updated SA WG6 pCR-TR 23.755 on UAS definition | Qualcomm CDMA Technologies | Rel-16 | WITHDRAWN |  | Withdrawn |
| 99 | SP-200419 | REPORT | Presentation | SA WG2 Status report to TSG SA | SA WG2 Chairman |  | WITHDRAWN |  | Withdrawn |
| 99 | SP-200405 | DRAFT TS | Approval | 5G Media Streaming Protocols [5GMS] | SA WG4 | Rel-16 | WITHDRAWN |  | Withdrawn |
| 99 | SP-200395 | CR PACK | Approval | CRs to Corrections on network slicing [5GMSA] | SA WG4 |  | WITHDRAWN |  | Withdrawn |
| 99 | **SP-200345** | SID NEW | Approval | New SID on Study on Ranging-based Services. | Xiaomi | Rel-18 | WITHDRAWN |  | Withdrawn |
| 99 | SP-200443 | SID REVISED | Approval | Change of rapporteur on SID 'Study on architecture aspects for using satellite access in 5G' | SA WG2 | Rel-17 | WITHDRAWN |  | Withdrawn |

Created:      **END OF LIST**
OPEN documents: **0**
Parallel Agreed: **0**
Approved/Endorsed: **200**
Replied to LSs: **0**
Noted: **59**
Merged: **0**
For e-mail approval: **0**
Postponed: **5**
Withdrawn: **10**
Total documents: **326**