##### Agenda & Document allocation for TSG CT#88-e

| Agenda | Agenda Item Title | **Tdoc** | Document Title | Source | Decision | | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **Opening of the meeting** |  |  |  |  | | **IMPORTANT NOTE: Don't forget to register. Meeting opens Mon 29 at 00:00 CEST/UTC +2** |
| **1.1** | **Welcome speech** |  |  |  |  | | Welcome speech and other administrative information |
|  |  |  |  |  |  | |  |
| **1.2** | **IPR Declarations** |  |  |  |  | | Reminder about the IPR declaration |
|  |  |  | The attention of the delegates to the meeting of this Technical Specification Group is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.  The delegates are asked to take note that they are thereby invited:  - to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.  - to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms | | | |  |
| **1.3** | **Antitrust declarations** |  |  |  |  | | Reminder about the antitrust and competition laws |
|  |  |  | I also draw your attention to the fact that 3GPP activities are subject to antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chairman and Vice Chairman. In case of question I recommend that you contact your legal counsel.  The present meeting will be conducted with strict impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. | | | |  |
| **1.4** | **Statement on EAR** |  |  |  | |  | Statement on EAR, also available at:  <https://www.3gpp.org/about-3gpp/legal-matters> |
|  |  |  | Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities  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 information conveyed orally, contained in 3GPP meetings is not subject to the export restriction of the EAR; this would include information conveyed during side meetings that may occur during the main meetings, if these meetings are open to any participants and the results of all said meetings are publicly available without restrictions upon their further dissemination.  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, and may be subject to the EAR.  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  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 their compliance with all applicable export control regulations, including but not limited to EAR.  Individual Members with questions regarding the impact of laws and regulations on their participation in 3GPP should contact their companies’ legal counsels. | | | |  |
| **2** | **Approval of the agenda and registration of new documents** |  |  |  | |  | Colour code:  White (no colour) = document has been treated in this meeting  Yellow = available document with no decision yet  Cyan = allocated number, document not (yet) available  red in leftmost column = document for early consideration |
|  |  | [CP‑201000](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201000.zip) | Proposed Agenda | CT Chairman | | Noted |  |
|  |  | [CP‑201001](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201001.zip) | Updated Agenda | CT Chairman | | Noted |  |
|  |  | [CP‑201002](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201002.zip) | Proposed allocation of documents to agenda items | CT Chairman | | Noted |  |
|  |  | [CP‑201003](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201003.zip) | Allocation of documents to agenda items: status on Monday morning | CT Chairman | | Approved |  |
|  |  | [CP‑201004](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201004.zip) | Allocation of documents to agenda items: status after Day 1 | CT Chairman | | Noted |  |
|  |  | [CP‑201005](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201005.zip) | Allocation of documents to agenda items: status after Day 2 | CT Chairman | |  |  |
|  |  | [CP‑201006](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201006.zip) | Allocation of documents to agenda items: status After CT Plenary | CT Chairman | |  |  |
|  |  | [CP‑201015](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201015.zip) | CT#88-e Guidances | CT Chairman | | Revised to 1328 | Changes:  Revision: Deadline for (7) shift to 18:00 (slide 7)  Format of file names in Inbox/Drafts (slide 8) |
|  |  | [CP-201328](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201328.zip) | CT#88-e Guidances | CT Chairman | | Noted | Revision of CP-201015 |
|  |  |  |  |  | |  |  |
| **3** | **Reports** |  |  |  | |  | Various reports. This can be from CT as well as other groups within and outside of 3GPP. |
|  |  | [CP‑201007](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201007.zip) | IETF status report | CT Chairman | | Noted |  |
|  |  | [CP‑201008](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201008.zip) | Previous TSG CT meeting report for approval | MCC | | Approved |  |
|  |  |  |  |  | |  |  |
| **4** | **Liaison statements** |  |  |  | |  | All Liaison statements are handled under this agenda item |
| **4.1** | **Incoming liaisons** |  |  |  | |  | LSs received from other groups |
|  |  | [CP‑201298](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201298.zip) | Inclusion of full-rate UPIP for 5GSA in 3GPP Release 16 | GSMA Board | | Noted | To: 3GPP TSG SA  CC: 3GPP TSG RAN, 3GPP TSG CT  The GSMA Board requests 3GPP TSG SA to confirm, that mandatory support of full-rate UPIP in UEs supporting Standalone NR connected to 5GC will be required from Release 16 onwards. The network operator shall retain the ability to control the use of UPIP on a PDU session basis. Given the importance of this matter, we would appreciate a response in writing as soon as possible.  **Proposed Treatment: NOTED**. This LS is only for information at this stage. This LS can be noted |
|  |  | [CP‑201310](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201310.zip) | Reply LS on support for eCall over NR | SA | | Noted | To: SA WG2, SA WG5, RAN WG2, CT WG1, RAN WG5  Cc: SA WG1, SA WG4, TSG RAN, TSG CT  Contact person: qualcomm.com  TSG SA is not aware of any limitation either from performance or regulatory perspective to support eCall over IMS (NG-eCall) over NR.  TSG SA believes that the changes required in order to allow support for eCall over IMS (NG-eCall) over NR are minimal. CRs should be prepared for TSGs #88 in June 2020 in order to maximise the possibility of including this in Release 16.  TSG SA therefore requests the involved WGs (in To: of the LS) to identify specification changes needed to support eCall in IMS over NR (with 5G Core) and to prepare the required CRs  **Proposed Treatment: NOTED**. This LS is only for information. LS handled by CT1 and CT6. See Reply LS in CP-201299 and CP-201301 |
|  |  | [CP‑201305](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201305.zip) | Reply LS on support for eCall over NR | SA2 | | Noted | To: TSG SA, RAN2, CT1, TSG CT  Cc: SA1, SA4, TSG RAN, SA5, RAN5  Contact person: qualcomm  SA2 thanks SA for the LS on support for eCall over NR:  SA2 has approved the required specification changes needed to support eCall in IMS over NR (with 5G Core) in the attached CRs.  **Proposed Treatment: NOTED**. This LS is only for information. |
|  |  | [CP‑201299](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201299.zip) | Reply LS on support of eCall over NR | CT1 | | Noted | To: SA  Cc: SA2, SA5, RAN2, RAN5, SA1, SA4, RAN, CT, CT6  Contact person: qualcomm.com  CT1 would like to inform SA that CT1 has completed the work required to support eCall in IMS over NR (with 5G Core) as requested by SA, via the agreement of the attached CR.  **Proposed Treatment: NOTED**. This LS is only for information. This LS can be noted |
|  |  | [CP‑201301](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201301.zip) | Reply LS to LS on support for eCall over NR | CT6 | | Noted | To: SA  Cc: CT  Contact Person: qualcomm  As asked by SA in LS SP-200287, CT WG6 has added text to support eCall over IMS over NG-RAN.  **Proposed Treatment: NOTED**. This LS is only for information. This LS can be noted |
|  |  | [CP‑201307](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201307.zip) | Reply LS to Reply LS on support for eCall over NR | SA5 | | Noted | To: TSG SA  Cc: SA WG2, RAN WG2, CT WG1, RAN WG5, SA WG1, SA WG4, TSG RAN, TSG CT  Contact Person: nokia  SA5 thanks SA for the LS on support for eCall over NR.  SA5 can confirm that the IMS charging enhancements, introduced from Rel-15 to cover IMS on top of 5GCore, include IMS emergency sessions, with no restriction on the 3GPP radio access type (E-UTRA or NR).  Therefore, the support eCall in IMS over NR with 5G Core is already covered from charging's perspective from Rel-15.  **Proposed Treatment: NOTED**. This LS is only for information. |
|  |  | [CP‑201304](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201304.zip) | LS on port allocation | RAN3 | | Noted | To: RAN, CT  Cc: SA  Contact Person: Huawei  RAN3 discussed the port allocation in the context of the W1 interface and future interface e.g. E1’ (CU-UP separation eNB and ng-eNB).  RAN3 considers that the current port allocation by IANA is cheap and easy to implement and specify and it is robust. It relies on IANA port allocation, a 3GPP specification and a hard coded implementation. Any other solution e.g. based on DNS or OAM will be less efficient, less cost effective and affected by longer time to market, e.g. development, testing etc …  Considering that the issue is not technical, RAN3 asks for guidance to RAN either to LS IANA in order to continue the port allocation to the Telecom Industry (3GPP), or to coordinate with CT in order to find an alternative 3GPP solution, or to task RAN3 to provide the best alternative for RAN interface port allocation.  **Proposed Treatment: Action Required**. LS forwarded to CT4. Feedback from CT4 in CP-201300.  Proposed LS OUT in CP‑201315/ CP‑201316/ CP‑201317 |
|  |  | [CP‑201300](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201300.zip) | Reply LS on port allocation | CT4 | | Noted | To: RAN3, CT, RAN  Cc: SA, IESG, IANA  Contact Person: ericsson.com  CT4 reply to RAN 3 LS (R3-202553/CP-201304)  CT4 recommends CT and RAN to request again IANA/IESG to allocate a port for the W1 interface, to simplify implementations and comply with Rel-16 timeframe. When doing so, CT4 also recommends 3GPP to commit towards IANA/IESG that 3GPP will develop alternative solutions from Rel-17 onwards, i.e. that no further port allocation requests for use in private networks will be issued towards IANA in future, in accordance to IANA instructions.  **Proposed Treatment: Action Required**. CT has to endorse the proposal from CT4 and seek for endorsement from SA/RAN. If there is a common agreement, an LS has to be sent to IESG  Proposed LS OUT in CP‑201315/ CP‑201316/ CP‑201317. |
|  |  | [CP‑201302](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201302.zip) | LS Response to 3GPP CT4 on New Sub-domain for IWK with SNPN | GSMA NG GERI | | Noted | To: 3GPP CT4  CC: 3GPP CT, 5G-ACIA  GSMA NG GERI would like to thank 3GPP CT4 for their LS on “New sub-domain for Interworking with Stand-alone Non-Public Networks” (C4-195050).  It has been agreed that this sub-domain (which is the Home Network Domain for a SNPN) will in fact be introduced in the next version (V16.0) of IR.67 “DNS Guidelines for Service Providers and GRX and IPX Providers”.  GSMA NG GERI has also decided to take the opportunity to introduce another new sub-domain which will be required anyway for 5G deployment independent of NPN: “5gc.mnc<MNC>.mcc<MCC>.3gppnetwork.org”.  **Proposed Treatment: NOTED**. This LS is only for information. |
|  |  | [CP‑201303](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201303.zip) | LS on need for Multi-Path QUIC for ATSSS Submission | IETF | | Noted | Multipath capabilities for QUIC are currently under active discussion in the IETF's QUIC WG. Several individual proposals have been made, but the group is also considering whether the already-specified connection migration capabilities are sufficient to cover the majority of use cases.  We encourage 3GPP to contribute their requirements for QUIC multipath capabilities in an Internet-Draft, especially if the already-specified connection migration capabilities are deemed insufficient. 3GPP's active involvement in any multipath QUIC standardization would be the best way to remain informed of the progress of any such work in the IETF.  **Proposed Treatment: NOTED**. This LS is only for information. It is addressed by SA |
|  |  | [CP‑201306](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201306.zip) | Reply LS on S1/NG DAPS handover | SA2 | | Noted | To: TSG CT, TSG SA, CT4, RAN3  Cc: TSG RAN  Contact Person: nokia  SA2 thanks RAN3 for their LS. Considering that Core Network protocol change are required (to cover inter AMF/MME mobility) while SA2 ensures that CT specifications are frozen in this quarter, SA2 has agreed to the attached R16 CR(s) based on the condition that TSG CT and TSG SA plenary agree to their inclusion in R16 specifications.  SA2 will also like to highlight another issue which is not addressed in RAN3’s LS and the attached RAN3 CR but considered in the attached SA2 CRs. It is assumed that S-RAN will only initiate the DAPS HO when both S-RAN and S-AMF support DAPS HO. T-RAN will only send the DAPS HO accept when both T-RAN and T-AMF support the DAPS HO.  **Proposed Treatment: Action Required**. CT4 agreed related CRs. LS OUT proposed in CP-201312 |
|  |  | [CP‑201308](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201308.zip) | LS/o on the agreement of Supplement 59 to ITU-T Y.3100-series Recommendations “IMT-2020 standardization roadmap | ITU-T Study Group 13 | | Noted | To: **3GPP**, ETSI, BBF, IEEE, ISO/IEC, MEF, NGMN, TM Forum, ITU-R SG5, ITU-T SG2, SG5, SG9, SG11, SG12, SG15, SG17, SG  This document is to inform that SG13 agreed a new Supplement 59 to ITU-T Y.3100-series Recommendations “IMT-2020 standardization roadmap” at SG13 meeting on 13 March 2020.  **Proposed Treatment: NOTED**. This LS is only for information. |
|  |  | [CP‑201309](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201309.zip) | LS on ongoing work within ITU-T Study Group 3 (SG3) on new Technical Report on “IMT2020-Related Policy Considering MVNOs | ITU Working Party 2/3 | | Noted | To: ITU-T Study Group 13, ITU-T FG-Net2030, FG-ML5G; **3GPP**  ITU-T Study Group 3 (SG3) requests feedback on its work item STUDY\_IMT2020MVNOs, a Technical Report on “IMT2020-Related Policy Considering MVNOs”  **Proposed Treatment: NOTED**. This LS is only for information. Any action would be coordinated by SA. |
|  |  |  |  |  | |  |  |
| **4.2** | **Outgoing liaisons** |  |  |  | |  |  |
|  |  | [CP‑201312](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201312.zip) | Reply LS on S1/NG DAPS handover | Qualcomm Incorporated / Lena | |  | Proposed reply:  CT thanks SA2 for their LS on S1/NG DAPS handover. CT has agreed that CT4 should work on completing the stage 3 changes required to enable S1/NG DAPS handover in Rel-16 at CT4#99-e.  Consequently CT sees no issue with approving the CRs agreed by SA2 in S2-2004472 and S2-2004473 at SA#88.  See CP 201286 and CP 201287 provided for information |
|  |  | [CP‑201315](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201315.zip) | LS on port allocation | Nokia, Nokia Shanghai Bell | |  | To: SA, RAN  CT kindly ask RAN and SA to endorse the proposed LSs or to provide feedback as appropriate |
|  |  | [CP‑201316](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201316.zip) | LS on port allocation | Nokia, Nokia Shanghai Bell | |  | To: CT4, RAN3  The way forward proposed by CT4 is endorsed by CT, RAN and SA. CT has asked IESG to approve the request for port number allocation for the W1 interface.  CT4 is kindly asked to submit a WID for approval at the next TSG meeting, to specify alternative solutions for port allocation for new 3GPP interfaces from Rel-17 onwards, that each 3GPP WG could rely upon when defining new interfaces. |
|  |  | [CP‑201317](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201317.zip) | LS on port allocation for the W1 interface | Nokia, Nokia Shanghai Bell | | Revised to 1349 | To: IESG  The 3GPP Technical Specification Groups (responsible of the technical specification development work within 3GPP) have decided to undertake a specific work in Rel-17 on the specification of alternative solutions for port allocation for new 3GPP interfaces from Rel-17 onwards, that will avoid future IANA port number assignment requests for network internal services. The description of the corresponding 3GPP Work Item should be discussed and approved in Sept 2020.  CT kindly ask IESG to approve the IANA port number assignment request for the W1 interface (IANA#1172452), for which the solutions that will be defined in Rel-17 cannot be applied.  **Revision**: Revision needed to include editorial changes proposed by SA |
|  |  | [CP‑201349](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201349.zip) | LS on port allocation for the W1 interface | Nokia, Nokia Shanghai Bell | |  | Revision of CP-201317 |
|  |  | [CP‑201345](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201345.zip) | LS OUT on human-readable network name | Ericsson | | Revised to 1346 | To: SA2, SA1  Cc: CT1, CT4  CT approved CR 23.122 CR#0518 which contains the following editor's note:  Editor's note: It is FFS whether human-readable network name can be configured for a CAG-ID in a PLMN’s entry in the CAG Information list, to be provided to the upper layer during manual CAG selection. This is subject to SA2 decision.  Furthermore, CT also approved the exception sheet for Vertical\_LAN WI (CP-201172) stating the following:  1. TS 23.122 does not clearly reflect a requirement to obtain a human-readable network name via system information broadcast. It remains open whether there is a requirement for a UE to obtain a human-readable network name via other means than the system information broadcast and if so by what other way(s) the UE can obtain a human-readable network name.  2. Actions:  To SA2 group.  ACTION: CT would like to ask SA2 whether the UE can obtain the network name for CAG-ID via other means than the system information broadcast.  To SA1 group.  ACTION: CT would like to ask SA1 whether the stage-1 requirements on determination of the PLMN name in TS 22.101 annex A.3 are applicable when the UE performs selection of a standalone non-public network and if so, what the precedence between the broadcast network name and the name determined according to TS 22.101 annex A.3 is.  **Qualcomm**, **Nokia** in favor  **Nokia**, **Huawei**: not related to 1344  **OPPO** OK for the LS but only to SA1  Dead lock situation in CT1  If we cannot solve this issue in Rel-16, will be shifted to rel-17  Ericsson: will provide a revision in CP-201346 |
|  |  | [CP‑201346](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201346.zip) | LS OUT on human-readable network name | Ericsson | |  | Revision of CP-201345 |
|  |  |  |  |  | |  |  |
| **5** | **Reports from TSG-CT working groups** |  |  |  | |  | Reporting from the CT WGs including:   * WG-Chairman’s status report * WG meeting report by MCC |
| **5.1** | **Reporting from TSG-CT WG1** |  |  |  | |  |  |
|  |  | [CP‑201084](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201084.zip) | C1-123e meeting report | MCC | | Noted |  |
|  |  | [CP‑201085](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201085.zip) | draft C1-124e meeting report | MCC | | Noted |  |
|  |  | [CP‑201157](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201157.zip) | CT WG1 Status Report | CT1 chairman | | Noted |  |
|  |  |  |  |  | |  |  |
| **5.2** | **Reporting from TSG-CT WG3** |  |  |  | |  |  |
|  |  | [CP‑201203](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201203.zip) | CT WG3 status report to TSG CT#88e | CT3 Chairman | | Noted |  |
|  |  | [CP‑201204](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201204.zip) | Secretary's report of meeting CT3#109e | MCC | | Noted |  |
|  |  | [CP‑201205](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201205.zip) | Secretary's report of meeting CT3#110e | MCC | | Noted |  |
|  |  |  |  |  | |  |  |
| **5.3** | **Reporting from TSG-CT WG4** |  |  |  | |  |  |
|  |  | [CP‑201011](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201011.zip) | CT4 Status Report | CT4 Chairman | | Noted |  |
|  |  | [CP‑201012](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201012.zip) | CT4 meeting reports after previous plenary | MCC | | Noted |  |
|  |  |  |  |  | |  |  |
| **5.4** | **Reporting from TSG-CT WG6** |  |  |  | |  |  |
|  |  | [CP‑201013](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201013.zip) | CT6 Status Report | CT6 Chairman | | Noted |  |
|  |  | [CP‑201014](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201014.zip) | CT6 meeting reports after previous plenary | MCC | | Noted |  |
|  |  |  |  |  | |  |  |
| **5.5** | **Reporting from other 3GPP groups** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **6** | **Technical topics that require CT-intervention** |  |  |  | |  | Any technical topics where lack of consensus requires TSG resolution |
| **6.1** | **Working Agreements** |  |  |  | |  | Discussion and possible voting on working agreements |
|  |  |  |  |  | |  |  |
| **6.2** | **Other technical items lacking consensus** |  |  |  | |  | Other technical voting |
|  |  |  |  |  | |  |  |
| **7** | **Identification of other technical items for early consideration** |  |  |  | |  | This agenda item is intended for identification of other technical items for early consideration in order to get time for on-line and off-line discussions during the meeting. This agenda item is only intended for identification of such topics and the related Tdocs. All documents shall be requested in the relevant agenda items below.  This agenda item will only list the document and topics. |
|  |  | Planned agenda sequence:   * meeting duration:   + Monday 29.06.2020 00:00 CEST/UTC +2 until Wed 01.07.2020 23:30 CEST/UTC +2   + The meeting will be kicked off by the CT chairman with the usual reminders and the approval of the agenda. * type of meeting:   + electronic meeting based on email exchanges, with full decision power   + Daily online session using GoToWebinar, from 15:00 till 17:00 CEST/UTC+2:     - Monday, June 29       * Handling of important LS       * Topics for cross-TSG coordination       * Handling of possible Exception Sheets       * Handling of controversial Rel-16 CRs     - Tuesday, June 30       * Rel-17 SID/WID       * Handling of CRs sent to the plenary       * (tbd)     - Wednesday, July 1       * (tbd)   NOTE: Exact Agenda to be announced by the CT chair at the latest 18 hours beforehand on CT#88e email list   * Location:   + CT#88e email list: 3GPP\_CT88\_E\_Meeting@list.etsi.org   Further instructions in CP-201328 | | | | | |
|  |  |  |  |  | |  |  |
| **8** | **Release 8 and earlier**  **All work items** |  | **Block Approval** |  | |  | These releases are frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **9** | **Rel-9**  **All work items** |  | **Block Approval** |  | |  | Rel-9 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **10** | **Release 10**  **All work items** |  | **Block Approval** |  | |  | Rel-10 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **11** | **Release 11**  **All work items** |  | **Block Approval** |  | |  | Rel-11 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  |  |  |  | |  |  |
| **12** | **Release 12**  **All work items** |  | **Block Approval** |  | |  | Rel-12 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  |  |  |  | |  |  |
| **13** | **Release 13** |  |  |  | |  | Rel-13 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  | [CP‑201086](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201086.zip) | CR pack on MCPTT-CT | CT1 | | Approved |  |
| **14** | **Release 14** |  |  |  | |  | Rel-14 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  | [CP‑201081](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201081.zip) | Adding the new V2X message family | CATT | | Revised to 1354 | Revision of C1-204152. Discussed in CT1  Draft revision: adding ZTE as the cosigner |
|  |  | [CP‑201354](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201354.zip) | Adding the new V2X message family | CATT | |  | Revision of CP-201081 |
|  |  | [CP‑201082](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201082.zip) | Adding the new V2X message family | CATT | | Revised to 1355 | Revision of C1-204150. Discussed in CT1  Draft revision: adding ZTE as the cosigner |
|  |  | [CP‑201355](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201355.zip) | Adding the new V2X message family | CATT | |  | Revision of CP-201082 |
|  |  | [CP‑201083](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201083.zip) | Adding the new V2X message family | CATT | | Revised to 1356 | Revision of C1-204149. Discussed in CT1  Draft revision: adding ZTE as the cosigner |
|  |  | [CP‑201356](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201356.zip) | Adding the new V2X message family | CATT | |  | Revision of CP-201083. |
|  |  | [CP‑201087](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201087.zip) | CR pack on MCImp-eMCPTT-CT | CT1 | | Approved |  |
|  |  | [CP‑201088](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201088.zip) | CR pack on MCImp-MCDATA-CT | CT1 | | Approved |  |
|  |  | [CP‑201089](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201089.zip) | CR pack on MCImp-MCVIDEO-CT | CT1 | | Approved |  |
| **15** | **Release 15** |  |  |  | |  |  |
| **15.1** | **New and revised WIDs for Rel-15** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.2** | **Rel-15 work planning** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.3** | **TEI15 [TEI15]** |  |  |  | |  |  |
|  |  | [CP‑201028](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201028.zip) | Corrections on Diameter | CT4 | | Approved |  |
|  |  | [CP‑201029](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201029.zip) | Corrections on CUPS | CT4 | | Approved |  |
|  |  | [CP‑201140](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201140.zip) | Corrections on TS 31.124 | CT6 | | Approved |  |
|  |  | [CP‑201141](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201141.zip) | Corrections on TS 31.111 | CT6 | | Approved |  |
|  |  | [CP‑201142](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201142.zip) | Corrections on TS 31.124 TEI15\_test | CT6 | | Approved |  |
|  |  | [CP‑201143](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201143.zip) | Corrections on TS 31.121 TEI15\_test | CT6 | | Approved |  |
|  |  | [CP‑201145](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201145.zip) | Corrections on TS 31.121 | CT6 | | Approved |  |
|  |  | [CP‑201146](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201146.zip) | Corrections on TS 31.102 | CT6 | | Approved |  |
|  |  | [CP‑201147](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201147.zip) | Corrections on TS 31.101 | CT6 | | Approved |  |
|  |  | [CP‑201148](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201148.zip) | Corrections on TS 31.130 | CT6 | | Approved |  |
|  |  | [CP‑201149](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201149.zip) | Corrections on TS 31.115 | CT6 | | Approved |  |
|  |  | [CP‑201150](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201150.zip) | Corrections on TS 31.122 | CT6 | | Approved |  |
|  |  | [CP‑201245](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201245.zip) | CR Pack on TEI15 | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **15.4** | **CT aspects on 5G System - Phase 1 [5GS\_Ph1-CT]** |  |  |  | |  |  |
|  |  | [CP‑201016](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201016.zip) | Corrections on CT aspects on 5G System - Phase 1 | CT4 | | Approved |  |
|  |  | [CP‑201017](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201017.zip) | Corrections on 29.500 | CT4 | | Approved |  |
|  |  | [CP‑201018](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201018.zip) | Corrections on 29.502 | CT4 | | Approved |  |
|  |  | [CP‑201019](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201019.zip) | Corrections on 29.503 | CT4 | | Approved |  |
|  |  | [CP‑201020](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201020.zip) | Corrections on TS 29.504 | CT4 | | Approved |  |
|  |  | [CP‑201021](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201021.zip) | Corrections on TS 29.505 | CT4 | | Approved |  |
|  |  | [CP‑201182](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201182.zip) | NRF Notifications | Ericsson, Nokia, Nokia Shanghai Bell, Cisco | | Approved | Revision of C4-203672 in Pack 1022 |
|  |  | [CP‑201183](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201183.zip) | NRF Notifications | Ericsson, Nokia, Nokia Shanghai Bell, Cisco | | Approved | Revision of C4-203618 in Pack 1022 |
|  |  | [CP‑201022](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201022.zip) | Corrections on TS 29.510 | CT4 | | Partially Approved |  |
|  |  | [CP‑201023](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201023.zip) | Corrections on TS 29.518 | CT4 | | Approved |  |
|  |  | [CP‑201024](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201024.zip) | Corrections on TS 29.540 | CT4 | | Approved |  |
|  |  | [CP‑201025](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201025.zip) | Corrections on TS 29.230 | CT4 | | Withdrawn |  |
|  |  | [CP‑201026](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201026.zip) | Corrections on Support of SMS in 5G | CT4 | | Withdrawn |  |
|  |  | [CP‑201072](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201072.zip) | Rel-15 API version and External doc update | CT4 | | Approved |  |
|  |  | [CP‑201090](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201090.zip) | CR pack on 5GS\_Ph1-CT | CT1 | | Approved |  |
|  |  | [CP‑201214](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201214.zip) | CR Pack on 5GS\_Ph1-CT (29.061) | CT3 | | Approved |  |
|  |  | [CP‑201215](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201215.zip) | CR Pack on 5GS\_Ph1-CT (29.507) | CT3 | | Approved |  |
|  |  | [CP‑201216](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201216.zip) | CR Pack on 5GS\_Ph1-CT (29.508) | CT3 | | Approved |  |
|  |  | [CP‑201217](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201217.zip) | CR Pack on 5GS\_Ph1-CT (29.512) | CT3 | | Approved |  |
|  |  | [CP‑201218](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201218.zip) | CR Pack on 5GS\_Ph1-CT (29.513) | CT3 | | Approved |  |
|  |  | [CP‑201219](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201219.zip) | CR Pack on 5GS\_Ph1-CT (29.514) | CT3 | | Approved |  |
|  |  | [CP‑201220](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201220.zip) | CR Pack on 5GS\_Ph1-CT (29.519) | CT3 | | Approved |  |
|  |  | [CP‑201221](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201221.zip) | CR Pack on 5GS\_Ph1-CT (29.520) | CT3 | | Approved |  |
|  |  | [CP‑201295](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201295.zip) | Correct use of application error | Ericsson, China Mobile Communications Group Co.,Ltd. | | Approved | Revision of C3-202468 in Pack 1222 |
|  |  | [CP‑201296](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201296.zip) | Correct use of application error | Ericsson, China Mobile Communications Group Co.,Ltd. | | Approved | Revision of C3-202469 in Pack 1222 |
|  |  | [CP‑201222](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201222.zip) | CR Pack on 5GS\_Ph1-CT (29.521) | CT3 | | Partially Approved |  |
|  |  | [CP‑201223](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201223.zip) | CR Pack on 5GS\_Ph1-CT (29.523) | CT3 | | Approved |  |
|  |  | [CP‑201224](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201224.zip) | CR Pack on 5GS\_Ph1-CT (29.525) | CT3 | | Approved |  |
|  |  | [CP‑201225](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201225.zip) | CR Pack on 5GS\_Ph1-CT (29.554) | CT3 | | Approved |  |
|  |  | [CP‑201226](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201226.zip) | CR Pack on 5GS\_Ph1-CT (29.561) | CT3 | | Approved |  |
|  |  | [CP‑201227](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201227.zip) | CR Pack on 5GS\_Ph1-CT (29.594) | CT3 | | Approved |  |
|  |  | [CP‑201254](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201254.zip) | CR Pack on update of TS version\_Rel-15 | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **15.5** | **IMS impact due to 5GS IP-CAN [IMSo5G]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.6** | **EPC enhancements to support 5G New Radio via Dual Connectivity [EDCE5-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.7** | **IMS Stage-3 IETF Protocol Alignment [IMSProtoc9]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.8** | **Enhanced Calling Name Service [eCNAM-CT ]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.9** | **Complementary Features for voice services over WLAN [VoWLAN-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.10** | **Inclusion of WLAN direct discovery technologies as an alternative for ProSe direct discovery [ProSe\_WLAN\_DD\_Stage3 ]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.11** | **3GPP PS data off function – Phase 2 [PS\_DATA\_OFF2-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.12** | **Northbound APIs for SCEF – SCS/AS Interworking [NAPS-CT]** |  |  |  | |  |  |
|  |  | [CP‑201027](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201027.zip) | Corrections on CT aspects of Northbound APIs for SCEF – SCS/AS Interworkin | CT4 | | Approved |  |
|  |  | [CP‑201290](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201290.zip) | Correct NIDD API | Ericsson | | Approved | Revision of C3-203228 in Pack 1241 |
|  |  | [CP‑201292](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201292.zip) | Correct NIDD API | Ericsson | | Approved | Revision of C3-203229 in Pack 1241 |
|  |  | [CP‑201241](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201241.zip) | CR Pack on NAPS-CT | CT3 | | Partially Approved |  |
| **15.13** | **SAE Protocol Development [SAES6, SAES6-CSFB, SAES6-non3GPP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.14** | **Unlicensed spectrum offloading system enhancements [USOS-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.15** | **void** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.16** | **Protocol enhancements for Mission Critical Services [MCProtoc15]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.17** | **Enhancements for Mission Critical Push-to-Talk CT aspects [enhMCPTT-CT]** |  |  |  | |  |  |
|  |  | [CP‑201092](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201092.zip) | CR pack on enhMCPTT-CT | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **15.18** | **Enhancements for Mission Critical Data CT aspects [eMCData-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.19** | **Enhancements to Mission Critical Video – CT aspects [eMCVideo-CT]** |  |  |  | |  |  |
|  |  | [CP‑201091](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201091.zip) | CR pack on eMCVideo-CT | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **15.20** | **AT Commands for CIoT-Ext [AT\_CIoT-EXT ]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.21** | **CT aspects on enhanced VoLTE performance [eVoLP-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.22** | **Policy and Charging for Volume Based Charging [PC\_VBC]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.23** | **SRVCC for terminating call in pre-alerting phase [bSRVCC\_MT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.24** | **Enhancements to Call spoofing functionality [eSPECTRE]** |  |  |  | |  |  |
|  |  | [CP‑201093](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201093.zip) | CR pack on eSPECTRE | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **15.25** | **Mobile Communication System for Railways [MONASTERY]** |  |  |  | |  |  |
|  |  | [CP‑201094](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201094.zip) | CR pack on MONASTERY | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **15.26** | **Increasing the number of EPS bearers [INOBEAR-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.27** | **Common API Framework for 3GPP Northbound APIs [CAPIF-CT]** |  |  |  | |  |  |
|  |  | [CP‑201230](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201230.zip) | CR Pack on CAPIF-CT | CT3 | | Approved |  |
|  |  | [CP‑201318](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201318.zip) | Required attribute corrections to CAPIF Open APIs | Samsung | | Approved | NEW. CT3  In CAPIF\_Access\_Control\_Policy\_API Open API file , the required property "apiInvokerID" should be “apiInvokerId” as per ApiInvokerPolicy data type definition.  In CAPIF\_Logging\_API\_Invocation\_API Open API file, the required property “log” should be “logs” as per "InvocationLog" data type definition. |
|  |  | [CP‑201319](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201319.zip) | Required attribute corrections to CAPIF Open APIs | Samsung | | Approved | NEW. CT3.  In CAPIF\_Access\_Control\_Policy\_API Open API file , the required property "apiInvokerID" should be “apiInvokerId” as per ApiInvokerPolicy data type definition.  In CAPIF\_Logging\_API\_Invocation\_API Open API file, the required property “log” should be “logs” as per "InvocationLog" data type definition. |
|  |  | [CP‑201320](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201320.zip) | Update of OpenAPI version and TS version in externalDocs field | Samsung | | Approved | NEW. CT3  The Open API version and the external Docs version needs to be updated based on the following agreed CRs.  - CAPIF\_Access\_Control\_Policy\_API  o TS 29.222 v15.5.0, CR# 0148  - CAPIF\_Logging\_API\_Invocation\_API  o TS 29.222 v15.5.0, CR# 0148 |
|  |  |  |  |  | |  |  |
| **15.28** | **MBMS usage for mission critical communication services [MBMS\_MCservices]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.29** | **UE Conformance Test Aspects – CT6 aspects of 5G System Phase 1 [5GS\_Ph1\_UEConTest]** |  |  |  | |  |  |
|  |  | [CP‑201330](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201330.zip) | Correction of minor issues in 15.2.x test cases | Comprion GmbH, MediaTek Inc. | | Revised to 1333 | Revision of C6-200358 in Pack 1151  Revision of CP-201330 needed to correct a transposed CR number and to align the revision numbering |
|  |  | [CP‑201333](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201333.zip) | Correction of minor issues in 15.2.x test cases | Comprion GmbH, MediaTek Inc. | | Approved | Revision of CP-201330 |
|  |  | [CP‑201151](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201151.zip) | UE Conformance Test Aspects for TS 31.121 | CT6 | | Partially Approved |  |
|  |  | [CP‑201324](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201324.zip) | Test Case Steering Of Roaming via NAS message passed to USIM | THALES | | Approved | Revision of C6-200400 in Pack 1152 |
|  |  | [CP‑201325](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201325.zip) | Test Case Routing Indicator Data update via NAS message passed to USIM | THALES | | Approved | Revision of C6-200383 in Pack 1152 |
|  |  | [CP‑201152](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201152.zip) | UE Conformance Test Aspects for TS 31.124 | CT6 | | Partially Approved |  |
|  |  |  |  |  | |  |  |
| **15.30** | **CT aspects of 5G Trace management [NETSLICE-5GTRACE-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **15.31** | **Any other Rel-15 Work item or Study item** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16** | **Release 16** |  |  |  | |  |  |
| **16.1** | **Rel-16 work planning** |  |  |  | |  | Possible topics WRT planning of Rel-16 |
|  |  | [CP‑201171](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201171.zip) | exception sheet on eNS | CT1 | | Approved |  |
|  |  | [CP‑201172](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201172.zip) | exception sheet on Vertical\_LAN | CT1 | | Approved | Ericsson:  In "Consequences if not included in Release 16":  *It remains open whether there is a requirement for a UE to obtain a human-readable network name via other means than the system information broadcast and if so by what other way(s) the UE can obtain a human-readable network name*  To ensure that this aspect is resolved in time for Sep 2020 CT plenary, an LS should be sent to SA1 asking for providing input on this aspect, as requested by several companies in Jun 2020 CT1 meeting.  Draft LS can be found at <https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Inbox/Drafts/draft-CP-20abcd-LS-HRNN-v01.zip>  NOTE: the draft LS also contains an aspect on HRNN for CAG-ID, as commented to CP-201344 in a separate mail |
| **16.2** | **New WIDs for Rel-16** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.3** | **Revised WIDs for Rel-16** |  |  |  | |  |  |
|  |  | [CP‑201074](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201074.zip) | Revised WID on CT aspects of support for integrated access and backhaul (IAB) | CT4 | | Approved |  |
|  |  | [CP‑201158](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201158.zip) | Revised WID on CT aspects of eV2XARC | CT1 | | Approved |  |
|  |  | [CP‑201159](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201159.zip) | void | CT1 | | Withdrawn |  |
|  |  | [CP‑201160](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201160.zip) | Revised WID on Mobile Communication System for Railways Phase 2 (stage 3) | CT1 | | Approved |  |
|  |  | [CP‑201161](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201161.zip) | Revised WID of CT aspects on enhancement of network slicing | CT1 | | Approved |  |
|  |  | [CP‑201174](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201174.zip) | Revised WID on CT aspects of 5GS enhanced support of vertical and LAN services | Nokia, Nokia Shanghai Bell | | Approved |  |
|  |  | [CP‑201199](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201199.zip) | Revised WID on CT aspects of eV2XARC | Huawei, HiSilicon | | Revised to 1343 | Revision: CP-201343 replaces CP-201199 as a wrong version was uploaded since the completion date was still March rather than June; |
| **C** |  | [CP‑201343](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201343.zip) | Revised WID on CT aspects of eV2XARC | Huawei, HiSilicon | | Revised to 1350 | Revision of CP-201199  **Ericsson**:  TS 29.527 still has ‘March’ in its ‘For approval at TSG#  the second half of the text in the ‘Description of change’ for TSs 24.385 and 24.386 should be changed from ‘Red, Underline’ to ‘Normal’  **Huawei**:  We have produced a draft revision of CP-201343 (v1) which accommodates the comments provided by Ericsson.  The new version is available on:  <https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Inbox/Drafts/draft-revision-of-CP-201343-v1.zip>  **Ericsson**:  fine with the proposed revisions in draft-revision-of-CP-201343-v1 |
| **C** |  | [CP‑201350](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201350.zip) | Revised WID on CT aspects of eV2XARC | Huawei, HiSilicon | |  | Revision of CP-201343 |
|  |  | [CP‑201206](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201206.zip) | Revised WID on Volume Based Charging Aspects for VoLTE CT | CT3 | | Approved |  |
| **16.4** | **TEI16 [TEI16]** |  |  |  | |  |  |
|  |  | [CP‑201187](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201187.zip) | 3GPP TS 29.673 API version update Rel-16 | Ericsson | | Approved |  |
|  |  | [CP‑201282](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201282.zip) | Correcting feature numbers | Ericsson LM | | Approved | NEW. CT3.  The AF\_Charging\_Identifier feature does not have the same feature number in release 15 and in release 16:  - feature number 18 is assigned in release 15; and  - feature number 27 is assigned in release 16.  Each feature has to have the same feature number in all releases in which it is supported and hence, the same number cannot be assigned to some other feature. To avoid interoperability problem this error must be corrected.  Feature number 18 assigned to the AF\_Charging\_Identifier feature and feature number 27 assigned to the DN-Authorization feature. |
|  |  | [CP‑201286](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201286.zip) | DAPS handover information | Qualcomm Incorporated / Lena | | Noted | **ONLY FOR INFORMATION**  *To help people assess the level of changes required to support DAPS S1/NG handover and convince CT to task CT4 with completing the stage 3 changes in August (see proposed outgoing LS from CT to CT4 in CP-201312)*  SA2 has incorporated the RAN3 agreed support of S1/NG DAPS (Dual Active Protocol Stacks) handover over S1 and NG as indicated in C4-203458/S2-2004474. The stage 3 of the S1 based handover procedure need to be updated to support DAPS handover.  The needed information for DAPS handover has been added to the related messages over S10.  **CT4 chair comment**: CR has been submitted for  information. Is it really the case? |
|  |  | [CP‑201287](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201287.zip) | DAPS handover information | Qualcomm Incorporated / Lena | | Noted | **ONLY FOR INFORMATION**  *To help people assess the level of changes required to support DAPS S1/NG handover and convince CT to task CT4 with completing the stage 3 changes in August (see proposed outgoing LS from CT to CT4 in CP-201312)*  SA2 has incorporated the RAN3 agreed support of S1/NG DAPS (Dual Active Protocol Stacks) handover over S1 and NG as indicated in C4-203458/S2-2004474. The stage 3 of the N2 based handover procedure need to be updated to support DAPS handover.  The needed information for DAPS handover has been added to the Namf\_Communication API.  **CT4 chair comment**: CR has been submitted for  information. Is it really the case? |
|  |  | [CP‑201288](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201288.zip) | Dedicated AID for USIM Applications with non-IMSI based SUPI Types | G+D MS | |  | NEW. CT6.  The setting of Service #130 in EF\_UST defines the SUPI Type used for a given USIM application (C6-200191 / CR#0884), meaning that:  - if Service #130 is “available”, the SUPI Type shall be non-IMSI (i.e. NSI or GCI or GLI).  - If Service #130 is “not available” the SUPI Type shall be IMSI.  The setting configured in Service #130 is used by the ME to identify the SUPI Type (IMSI or non-IMSI) during USIM Initialization procedure.  The fact that the Service #130 check is not done in an earlier stage than USIM Initialization procedure (i.e. Application selection) creates the following issues:  Issue #1: pre-Rel16 MEs may select a USIM Application which is configured with a SUPI of type non-IMSI. And this shall not occur in any case.  Issue #2: As a consequence of Issue#1, there is a backwards compatibility issue as the USIM initialization process will fail in pre-Rel16 MEs with a USIM Application configured with SUPI of type non-IMSI, in the same way as if the USIM Application is badly configured which is not correct and creates a misleading and bad user experience.  Issue #3: Rel16 MEs cannot propose a good user experience by using a differentiation mechanism that identifies if the USIM Application is configured with a SUPI of type IMSI or type non-IMSI.  Issue #4: Rel16 MEs cannot propose a good user experience when the UICC contains multiple USIMs and there is at least one USIM configured with a SUPI of type IMSI and at least one USIM configured with a SUPI of type non-IMSI.  The CR proposed:  **A new annex defining a new AID range for a USIM Application that is configured with a SUPI of type non-IMSI**. |
| **C** |  | [CP‑201289](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201289.zip) | Dedicated AID for USIM Applications with non-IMSI based SUPI Types | G+D MS | | Revised to 1348 | NEW. CT6  The setting of Service #130 in EF\_UST defines the SUPI Type used for a given USIM application (C6-200191 / CR#0884), meaning that:  - if Service #130 is “available”, the SUPI Type shall be non-IMSI (i.e. NSI or GCI or GLI).  - If Service #130 is “not available” the SUPI Type shall be IMSI.  The setting configured in Service #130 is used by the ME to identify the SUPI Type (IMSI or non-IMSI) during USIM Initialization procedure.  The fact that the Service #130 check is not done in an earlier stage than USIM Initialization procedure (i.e. Application selection) creates the following issues:  Issue #1: pre-Rel16 MEs may select a USIM Application which is configured with a SUPI of type non-IMSI. And this shall not occur in any case.  Issue #2: As a consequence of Issue#1, there is a backwards compatibility issue as the USIM initialization process will fail in pre-Rel16 MEs with a USIM Application configured with SUPI of type non-IMSI, in the same way as if the USIM Application is badly configured which is not correct and creates a misleading and bad user experience.  Issue #3: Rel16 MEs cannot propose a good user experience by using a differentiation mechanism that identifies if the USIM Application is configured with a SUPI of type IMSI or type non-IMSI.  Issue #4: Rel16 MEs cannot propose a good user experience when the UICC contains multiple USIMs and there is at least one USIM configured with a SUPI of type IMSI and at least one USIM configured with a SUPI of type non-IMSI.  **This CR introduces a new annex defining the "Non-IMSI based USIM" application.**  **Qualcomm**:  We have the following comments:  • There are 2 clauses numbered “X.2”  • First subclause X.2 states “The non-IMSI based USIM is a regular USIM application and shall contain all mandatory EFs defined for a USIM application in the present document and may also include any of the optional EFs defined for a USIM application". However TS 31.102 subclause 4.2.2 states that when service no 130 is available (ie EF\_NSI is present) then EF\_IMSI (optional EF defined for a USIM application in Rel-16) shall not be present:  *4.2.2 EFIMSI (IMSI)*  *If service n°130 is "available", this file shall not be available.*  So the text in subclause X.2 should be updated to something like “and may also include any of the optional EFs defined for a USIM application except EF\_IMSI”.  • The case when the UE has both a USIM with an IMSI SUPI type and a USIM with a non-IMSI SUPI type is not handled. CT1 decided to leave this up to implementation in Re-16, see the following NOTE in subclause 4.9.3.0:  *NOTE 6: Handling of the case when the SNPN uses the EAP based primary authentication and key agreement procedure using the EAP-AKA' or the 5G AKA based primary authentication and key agreement procedure and the MS has multiple valid USIMs (3GPP TS 31.102 [40]) is left up to MS implementation.*  To be consistent with CT1’s’ decision, it would be good to add a similar note in the CR, for instance in the second subclause X.2 (“Application selection procedure”)  **Idemia**:  Not sure to understand what is the reason for the additional note. Currently we still have the limitation in 3GPP that only one USIM application can be active at a time. This means today a ME can only select one of the 2 USIM applications at a time. In other words either the USIM with the IMSI (for access to a public network) or the USIM with the non-IMSI (for access to a private network).  It is pretty clear that the ME has to provide the user the choice to select one of the USIM applications (public network or private network). But this is standard procedure for the case having multiple applications on the same UICC |
| **C** |  | [CP‑201348](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201348.zip) | Dedicated AID for USIM Applications with non-IMSI based SUPI Types | G+D MS | |  | Revision of CP-201289 |
|  |  | [CP‑201051](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201051.zip) | Enhancements on CUPS Rel-16 | CT4 | | Approved |  |
|  |  | [CP‑201052](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201052.zip) | Enhancements on GTP | CT4 | | Approved |  |
|  |  | [CP‑201053](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201053.zip) | Enhancements on Diameter | CT4 | | Approved |  |
|  |  | [CP‑201054](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201054.zip) | Corrections on AMF | CT4 | | Approved |  |
|  |  | [CP‑201055](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201055.zip) | Corrections on SMF | CT4 | | Approved |  |
|  |  | [CP‑201056](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201056.zip) | Corrections on UDM | CT4 | | Approved |  |
|  |  | [CP‑201057](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201057.zip) | Corrections on NRF | CT4 | | Approved |  |
|  |  | [CP‑201058](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201058.zip) | Corrections on NSSF | CT4 | | Approved |  |
|  |  | [CP‑201059](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201059.zip) | Corrections on SMSF | CT4 | | Approved |  |
|  |  | [CP‑201060](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201060.zip) | Corrections on LMF | CT4 | | Approved |  |
|  |  | [CP‑201061](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201061.zip) | Corrections on N32 | CT4 | | Approved |  |
|  |  | [CP‑201062](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201062.zip) | Corrections on DNS | CT4 | | Approved |  |
|  |  | [CP‑201063](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201063.zip) | Corrections on AUSF | CT4 | | Approved |  |
|  |  | [CP‑201064](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201064.zip) | Corrections on EIR | CT4 | | Approved |  |
|  |  | [CP‑201065](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201065.zip) | Corrections on PWS | CT4 | | Approved |  |
|  |  | [CP‑201066](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201066.zip) | Corrections on Common Data | CT4 | | Approved |  |
|  |  | [CP‑201291](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201291.zip) | MDT Configuration data for 5G | HUAWEI | | Revised to 1340 | Revision of C4-202399 in Pack 1067  Rev3: On cover page, source to TSG, WG corrected. |
|  |  | [CP‑201340](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201340.zip) | MDT Configuration data for 5G | HUAWEI | | Approved | Revision of CP-201291 |
|  |  | [CP‑201067](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201067.zip) | Corrections on MDT | CT4 | | Partially Approved |  |
|  |  | [CP‑201068](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201068.zip) | Corrections on Direct data forwarding | CT4 | | Approved |  |
|  |  | [CP‑201070](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201070.zip) | Enhancements on Data Forwarding Info | CT4 | | Approved |  |
|  |  | [CP‑201071](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201071.zip) | Small corrections on Rel-16 | CT4 | | Approved |  |
|  |  | [CP‑201326](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201326.zip) | 29.531 Rel-16 API version and External doc update | Huawei | | Approved | Revision of C4-203647 in Pack 1073 |
|  |  | [CP‑201327](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201327.zip) | 29.573 Rel-16 API version and External doc update | Huawei | | Approved | Revision of C4-203657 in Pack 1073 |
|  |  | [CP‑201332](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201332.zip) | 29.511 Rel16 API version and External doc update | Deutsche Telekom | | Approved | Revision of C4-203644 in Pack 1073 |
|  |  | [CP‑201073](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201073.zip) | Rel-16 API version and External doc update | CT4 | | Partially Approved |  |
|  |  | [CP‑201131](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201131.zip) | CR pack on TEI16 - 1 | CT1 | | Approved |  |
|  |  | [CP‑201132](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201132.zip) | CR pack on TEI16 - 2 | CT1 | | Approved |  |
|  |  | [CP‑201133](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201133.zip) | CR pack on TEI16 - 3 | CT1 | | Approved |  |
|  |  | [CP‑201153](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201153.zip) | Enhancements on TS 31.102 | CT6 | | Approved |  |
|  |  | [CP‑201154](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201154.zip) | Corrections on TS 31.111 | CT6 | | Approved |  |
|  |  | [CP‑201246](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201246.zip) | CR Pack on TEI16 | CT3 | | Approved |  |
|  |  | [CP‑201247](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201247.zip) | CR Pack on TEI16 for 5GS\_Ph1-CT | CT3 | | Approved |  |
|  |  | [CP‑201248](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201248.zip) | CR Pack on TEI16 for 5GS\_Ph1-CT, EDCE5-CT | CT3 | | Approved |  |
|  |  | [CP‑201249](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201249.zip) | CR Pack on TEI16 for AE\_enTV-CT | CT3 | | Approved |  |
|  |  | [CP‑201250](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201250.zip) | CR Pack on TEI16 for CIoT\_Ext | CT3 | | Approved |  |
|  |  | [CP‑201255](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201255.zip) | CR Pack on update of TS version\_Rel-16 | CT3 | | Approved |  |
|  |  | [CP‑201269](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201269.zip) | CR Pack2 on TEI16 | CT3 | | Approved |  |
|  |  | [CP‑201270](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201270.zip) | CR Pack2 on TEI16 for 5GS\_Ph1-CT | CT3 | | Approved |  |
|  |  | [CP-201329](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201329.zip) | CR Pack on TEI16 for NNI\_DV | CT3 | | Approved |  |
| **16.5** | **IMS Stage-3 IETF Protocol Alignment [IMSProtoc16]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.6** | **Stage-3 SAE Protocol Development [SAES16] [SAES16-CSFB] [SAES16-non3GPP]** |  |  |  | |  |  |
|  |  | [CP‑201128](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201128.zip) | CR pack on SAES16 | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.7** | **Stage-3 5GS NAS protocol development [5GProtoc16] [5GProtoc16-non3GPP]** |  |  |  | |  |  |
|  |  | [CP‑201281](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201281.zip) | Updating the requirements of Rejected NSSAI in roaming scenarios | China Mobile, Samsung, ZTE, Huawei, HiSilicon | | Withdrawn | Revision of C1-204170. Discussed in CT1  **Objection: Nokia/Qualcomm**  Nokia: We object the CR for the following reasons.  **1/ There has been no consensus in the WG.**  In the CT1 reflector, two companies have expressed that the problem tackled by the CR should be addressed in the WG.  **2/ This CR may require modification of one operator’s S-NSSAI assignment scheme when two operators make a roaming agreement.**  The CR includes the following text: *By setting mapping rules, the operators can avoid a VPLMN S-NSSAI being the same as a HPLMN S-NSSAI. Based on that, no repeated VPLMN S-NSSAI in the mapping list is likely to be mis-deleted*. The text restricts that VPLMN operator cannot make use of the same S-NSSAI value that the HPLMN is using.  **3/ The CR is not aligned with the previous decision made in CT1 regarding the requested mapped NSSAI IE.**  If CT1 had assumed that the receiver can identify whether an S-NSSAI is for HPLMN or VPLMN by just looking at the value of the S-NSSAI, CT1 would have not introduced the requested mapped NSSAI IE.  **4/ The UE behavior is not covered.**  Qualcomm: We also object to the CR, for reasons similar to those listed by Nokia below, more specifically:   * The proposed changes in subclauses 3.1 and 9.11.3.46, i.e. changes to the definition and the encoding of the Rejected NSSAI, have UE impact. Also a new UE logic is needed (see next bullet). So the proposal has UE impacts, however the UE impacts are not at all covered in the CR (ME box unticked in coversheet, and no added text about expected UE behavior) * if the CR is agreed, the UE receiving an S-NSSAI in the Rejected NSSAI does not know whether this S-NSSAI is associated with the VPLMN or the HPLMN. The cover sheet assumes that the UE does not need to know (bullet 3 in the Reason for Change: “UE can distinguish VPLMN and HPLMN S-NSSAIs by the mapping list in the configured NSSAI and the allowed NSSAI”). But this is an additional logic in the UE that was not needed before hence a) additional UE impact; b) the logic needs to be spelled out in the CR; and c) there is an abnormal case when the VPLMN NSSAI and the mapped HPLMN NSSAI are the same. The proposed note seems to address this scenario, but the abnormal case on the UE side, in case this scenario still happens, needs to be addressed in the specs. * The CR is not backward compatible: a Rel-15 UE will always associate an S-NSSAI in the Rejected NSSAI with the VPLMN, whereas a Rel-16 with associate it either the VPLMN or the HPLMN, as described above * The use case does not seem to make sense: HPLMN S-NSSAIs A, B, C map to the same VPLMN S-NSSAI, but some of the HPLMN S-NSSAI A,B,C are subject to NSSAA and some are not. Moreover, the UE does not support NSSAA. * As written, the proposed changes are confusing :   + “… the AMF shall reject the HPLMN S-NSSAI … “  Strictly speaking, the AMF does not “reject an S-NSSAI”; the AMF rather includes the S-NSSAI in the Rejected NSSAI whereas the registration procedure can still be accepted.  The proposed text may suggest that the AMF rejects the registration procedure. The proposed wording is not used anywhere else in TS 24.501.   + “NOTE: By setting mapping rules, the operators can avoid a VPLMN S-NSSAI being the same as a HPLMN S-NSSAI. Based on that, no repeated VPLMN S-NSSAI in the mapping list is likely to be mis-deleted”. There aren’t any mapping rules or mapping list per se in the specs, or any “mis-deletion”. Furthermore, if the operator can avoid “ a VPLMN S-NSSAI being the same as a HPLMN S-NSSAI.” then why can’t the operator avoid mapping multiple incoherent HPLMN S-NSSAI to a single VPLMN S-NSSAI in the first place?   + Based on the above, we cannot agree to this CR. A detailed technical discussion is needed and this should take place at the next CT1 meeting. Thus we request sending this CR back to CT1.   Based on the above, we cannot agree to this CR. A detailed technical discussion is needed and this should take place at the next CT1 meeting. Thus we request sending this CR back to CT1.  China Mobile: Agree to discuss it at the next CT1 meeting |
|  |  | [CP‑201100](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201100.zip) | CR pack on 5GProtoc16 - 1 | CT1 | | Approved |  |
|  |  | [CP‑201321](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201321.zip) | Provisioning of DNS server security information to the UE | Samsung, Qualcomm Incorporated, Ericsson, Nokia, Nokia Shanghai Bell | | Approved | Revision of C1-204119 in Pack 1101 |
|  |  | [CP‑201323](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201323.zip) | Provisioning of DNS server security information to the UE-23.401 | Samsung, Qualcomm Incorporated,Ericsson, Nokia andd Nokia Shanghai Bell | | Approved | Revision of C1-204121 in Pack 1101 |
|  |  | [CP‑201101](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201101.zip) | CR pack on 5GProtoc16 - 2 | CT1 | | Partially Approved |  |
|  |  | [CP‑201102](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201102.zip) | CR pack on 5GProtoc16 - 3 | CT1 | | Approved |  |
|  |  | [CP‑201139](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201139.zip) | Correction in the UE behaviour upon failure of the procedures initiated for ESFB | Nokia, Nokia Shanghai Bell, Ericsson | | Approved | Revision of C1-204061 in Pack 1103 |
|  |  | [CP‑201103](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201103.zip) | CR pack on 5GProtoc16 - 4 | CT1 | | Partially Approved |  |
|  |  | [CP‑201104](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201104.zip) | CR pack on 5GProtoc16 - 5 | CT1 | | Approved |  |
|  |  | [CP‑201322](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201322.zip) | Provisioning of DNS server security information to the UE-25.401 | Samsung, Qualcomm Incorporated, Ericsson, Nokia and Nokia Shanghai Bell | | Approved | Revision of C1-204120 in Pack 1105 |
|  |  | [CP‑201105](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201105.zip) | CR pack on 5GProtoc16 - 6 | CT1 | | Partially Approved |  |
|  |  | [CP‑201106](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201106.zip) | CR pack on 5GProtoc16-non3GPP | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.8** | **Protocol enhancements for Mission Critical Services [MCProtoc16]** |  |  |  | |  |  |
|  |  | [CP‑201121](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201121.zip) | CR pack on MCProtoc16 - 1 | CT1 | | Approved |  |
|  |  | [CP‑201122](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201122.zip) | CR pack on MCProtoc16 - 2 | CT1 | | Approved |  |
| **16.9** | **Multi-device and multi-identity [MuD]** |  |  |  | |  |  |
|  |  | [CP‑201125](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201125.zip) | CR pack on MuD | CT1 | | Approved |  |
|  |  | [CP‑201156](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201156.zip) | Correction on Multi-device and multi-identity | CT6 | | Approved |  |
|  |  | [CP‑201240](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201240.zip) | CR Pack on MuD | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.10** | **CT aspects of enhancements of Public Warning System [ePWS]** |  |  |  | |  |  |
|  |  | [CP‑201115](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201115.zip) | CR pack on ePWS | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.11** | **Enhancement of 5G PCC related services [en5GPccSer]** |  |  |  | |  |  |
|  |  | [CP‑201233](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201233.zip) | CR Pack1 on en5GPccSer | CT3 | | Approved |  |
|  |  | [CP‑201267](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201267.zip) | CR pack2 on en5GPccSer | CT3 | | Approved |  |
|  |  | [CP‑201268](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201268.zip) | CR pack on en5GPccSer, eV2XARC | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.12** | **Signalling Improvements for Network Efficiency in 5GS [SINE\_5G]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  | [CP‑201130](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201130.zip) | CR pack on SINE\_5G | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.13** | **Mission Critical system migration and interconnection [MCSMI\_CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.14** | **CT aspects of Vertical\_LAN [Vertical\_LAN]** |  |  |  | |  |  |
|  |  | [CP‑201200](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201200.zip) | Handling of HRNN information in a CAG cell | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | | Revised to 1344 | Revision of C1-202845. Discussed in CT1  Revision: CP-201344 replaces CP-201200 as new supporting companies have been added to the CR as well as the source to WG field has been updated showing all supporting companies |
| **C** |  | [CP‑201344](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201344.zip) | Handling of HRNN information in a CAG cell | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | | Revised to 1347 | Revision of CP-201200  **Ericsson**  comments:  - "Summary of change:" on the cover page is incorrect as the CR changes do not contain requirements on presentation of HRNN  - 2nd sentence of the editor's note in subclause 4.4.3.1.2 indicates that work is needed in SA2.  However, SA2 might not handle Rel-16 contributions in Aug 2020 SA2 meeting unless there is a related incoming LS (similarly as in May 2020 SA2 meeting).  To ensure that SA2 provides input so that the editor's note can be resolved in time for Sep 2020 CT plenary, an LS should be sent to SA2 asking for resolution of this aspect.  Draft LS can be found at <https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Inbox/Drafts/draft-CP-20abcd-LS-HRNN-v01.zip>  NOTE: the draft LS also contains an aspect on HRNN for SNPN, as commented to CP-201172 in a separate mail.  **OPPO**:  ftp://ftp.3gpp.org/tsg\_ct/TSG\_CT/TSGC\_88e/Inbox/Drafts/draft-CP-20abcd-LS-HRNN-v02.zip  Please find a rev v02 of the draft LS out. I find the v01 is once again threading on the same things that we could not agree on in last CT1#124e.  For a start (again), what is in TS 22.101, Annex A.3 is an ordered list. We do not have to ask that of SA1.  Secondly, let's be more precise (again) on displaying the HHRN, it is displayed by the MMI  Whilst I find this push for the LS out is a distraction of the real work – which is there are enough ENs and companies can bring contributions to relevant WGs to then allow CT1 to resolve the issue – I can live with an LS out, but not in its current form.  In fact, if anything, the 2nd sentence of the editor's note in subclause 4.4.3.1.2 should be saying "SA1" and not "SA2". Service requirements are of SA1's responsibilities.  But again, to help progress I do not open up the submitted CR (in CP-201344) and can live with that inaccuracy in the EN  **OPPO**:  Let me first indicate that Ivo and I had some offline and IVO pointed out to me that 22.101 Annex A.3 does not cover what to do when there is a HRNN in the SIB.  I apologies that I did (mistakenly or otherwise) gave the misunderstanding that 22.101 Annex A.3 did.  Regardless, to me the LS should still just ask about applicability of 22.101 Annex A.3 to NPN UEs. We should not bring in the confusion of what to display when there is a HRNN in the SIBs and this is because the use of the HRNN in the SIBs is absolutely clear in 23.501. So before I quote you 23.501, let's be clear there is MMI display of Network name and there is display of available networks (in this case SNPNs / CAGs) for manual selection.  The former is totally clear in in TS 22.101 Annex A.3 and the latter is clear in 23.501  So I maintain that if we are to go forward with asking SA1 about the relevance of TS 22.101 Annex A.3 for SNPN/CAG UE MMI display, I can live with that.  But what to do with displaying and when to do that displaying of the HRNN in the SIBs are clear in 23.501. |
| **C** |  | [CP‑201347](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201347.zip) | Handling of HRNN information in a CAG cell | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | |  | Revision of 1344 |
|  |  | [CP‑201314](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201314.zip) | Correction to CAG selection in Automatic mode | Huawei, HiSilicon | | Approved | Revision of C1-204131. Discussed in CT1 |
|  |  | [CP‑201045](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201045.zip) | Enhancements on CT aspects of 5GS enhanced support of vertical and LAN services | CT4 | | Approved |  |
|  |  | [CP‑201196](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201196.zip) | Sending CAG information list | Samsung, Ericsson, Nokia, Nokia Shanghai Bell, InterDigital,Qualcomm Incorporated | | Approved | Revision of C1-204116 in Pack 1136 |
|  |  | [CP‑201135](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201135.zip) | CR pack on Vertical\_LAN - 1 | CT1 | | Partially Approved |  |
|  |  | [CP‑201136](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201136.zip) | CR pack on Vertical\_LAN - 2 | CT1 | | Partially approved | **Huawei**:  CT1 CR C1-202840 in CP-201136, as the dependency to CR#2267 (TS 23.501) been failed, this CR should be send back to CT1. |
|  |  | [CP‑201137](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201137.zip) | CR pack on Vertical\_LAN - 3 | CT1 | | Approved |  |
|  |  | [CP‑201138](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201138.zip) | CR pack on Vertical\_LAN - 4 | CT1 | | Withdrawn | **Nokia**: After the conference call, two more supporters on ALT-1 were identified. Thus:  ALT-1 Nokia, Ericsson, Apple, Qualcomm, NCSC, Samsung  ALT-2 Huawei, MediaTek  C1-202406 should be sent back to CT1 in the plenary because it described about the set of SNPN-specific N1 mode attempt counters which are not agreed yet.  This CR pack (including a single CR on purpose) should be sent back to CT1 |
|  |  | [CP‑201185](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201185.zip) | TSN QoS Information derivation on the TSN AF | Huawei | | Revised to 1337 | Revision of C3-203470 in Pack 1252 |
|  |  | [CP‑201337](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201337.zip) | TSN QoS Information derivation on the TSN AF | Huawei | | Approved | Revision of CP-201185 |
|  |  | [CP‑201252](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201252.zip) | CR Pack1 on Vertical\_LAN | CT3 | | Partially Approved |  |
|  |  | [CP‑201271](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201271.zip) | CR Pack2 on Vertical\_LAN | CT3 | | Approved |  |
|  |  | [CP‑201272](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201272.zip) | CR Pack3 on Vertical\_LAN | CT3 | | Approved |  |
|  |  | [CP‑201273](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201273.zip) | CR Pack4 on Vertical\_LAN | CT3 | | Approved |  |
|  |  | [CP‑201274](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201274.zip) | CR Pack5 on Vertical\_LAN | CT3 | | Approved |  |
|  |  | [CP‑201275](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201275.zip) | CR Pack6 on Vertical\_LAN | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.15** | **CT aspects of 5G\_CIoT [5G\_CIoT]** |  |  |  | |  |  |
|  |  | [CP‑201294](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201294.zip) | Corrections of Enhance Coverage Restriction | Huawei | | Revised to 1342 | Revision of C4-203545 in Pack 1046  Rev3: On cover page, source to TSG, WG corrected. |
|  |  | [CP‑201342](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201342.zip) | Corrections of Enhance Coverage Restriction | Huawei | | Approved | Revision of CP-201294 |
|  |  | [CP‑201046](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201046.zip) | Enhancements on CT aspects of Cellular IoT support and evolution for the 5G System | CT4 | | Partially Approved |  |
|  |  | [CP‑201095](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201095.zip) | CR pack on 5G\_CIoT - 1 | CT1 | | Approved |  |
|  |  | [CP‑201096](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201096.zip) | CR pack on 5G\_CIoT - 2 | CT1 | | Approved |  |
|  |  | [CP‑201097](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201097.zip) | CR pack on 5G\_CIoT - 3 | CT1 | | Approved | the following conflict was identified in CP-201283 and CP-201097/24501\_CR2316\_(Rel-16)\_C1-203462.    The sentence "Bits 2 to 8 in octet 5 are spare and shall be coded as zero." in Table 9.11.3.5.1 of TS 24.501:  - is changed to "Bits 4 to 8 in octet 5 are spare and shall be coded as zero." in CP-201283; and  - is changed to "Bits 3 to 8 in octet 5 are spare and shall be coded as zero." in CP-201097/24501\_CR2316\_(Rel-16)\_C1-203462.    **E//:** If both CP-201283 and CP-201097/24501\_CR2316\_(Rel-16)\_C1-203462 are approved, the particular change above in CP-201283 is correct and the particular change above in CP-201097/24501\_CR2316\_(Rel-16)\_**C1-203462** needs to be ignored. Either such treatment is done by the MCC when creating new version of TS 24.501, or CP-201097/24501\_CR2316\_(Rel-16)\_C1-203462 needs to be revised and the particular change above needs to be reverted.  **MCC**: MCC will take care of this when implementing the CRs  **E//**: since MCC will take care of this, it is OK to approve both CP-201283 and CP-201097/24501\_CR2316\_(Rel-16)\_C1-203462. |
|  |  | [CP‑201283](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201283.zip) | Ethernet header compression for CP CIoT – 5GMM aspects | Qualcomm Incorporated, Ericsson / Lena | | Approved | Revision of C1-203485 in Pack 1169 |
|  |  | [CP‑201169](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201169.zip) | CR pack on 5G\_CIoT - 4 | CT1 | | Partially Approved |  |
|  |  | [CP‑201284](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201284.zip) | Ethernet header compression for CP CIoT – 5GSM aspects | Qualcomm Incorporated, Ericsson / Lena | | Approved | Revision of C1-204087 in Pack 1170 |
|  |  | [CP‑201170](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201170.zip) | CR pack on 5G\_CIoT - 5 | CT1 | | Partially Approved |  |
|  |  | [CP‑201210](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201210.zip) | CR pack1 on 5G\_CIoT | CT3 | | Approved |  |
|  |  | [CP‑201257](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201257.zip) | CR pack2 on 5G\_CIoT | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.16** | **CT aspects of 5G\_eLCS [5G\_eLCS]** |  |  |  | |  |  |
|  |  | [CP‑201078](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201078.zip) | New AT command supporting for 5G Location Services | CATT | | Revised to 1351 | Revision of C1-203635 discussed in CT1  **Qualcomm**:  We have the following comments.  • The description of the AT command needs to be improved, for instance it is not clear what “the subsequent location request” refers to  • Start time and end time for the valid time period of the UE location privacy indication need to be added as optional input parameters  • It would be good to refer to TS 23.273 for further info on the UE location privacy indication and its valid time period  • A closing “]” is missing in the table in subclause 8.xx  • There is a typo in the numbering of the table in subclause 8.xx  I have uploaded a draft revision of the CR with a proposal to address those comments, see:  <https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Inbox/Drafts/CP-201078_rev1_lc.zip>  **CATT**  As an AT command for UE location privacy indication setting, it works with or without validity time even though validity time is an optional in stage 2.  If no company objects to Qualcomm proposed revision, CATT is fine with this change and. The other ones.  **Qualcomm**  Thanks for your feedback and you willingness to take into account my comments. Due to further comments received offline, I have uploaded an updated draft revision with the following additional changes:  Technical change:  • Added a special form of the command that can be given as +CMOLPS=2 by which location requests will be allowed, and the value of start time and end time for the valid time period will be discarded  Editorial change:  • Clarified that Informative examples is the last subclause in clause 8 by updating the subclauses numbering  The updated revision is available at:  <https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Inbox/Drafts/CP-201078_rev1_lc2.zip> |
| **C** |  | [CP‑201351](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201351.zip) | New AT command supporting for 5G Location Services | CATT | |  | Revision of CP-201078 |
|  |  | [CP‑201079](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201079.zip) | Removing the ENs for the enhancement to 5G Location Serivces | CATT | | Revised to 1352 | Revision of C1-204147 discussed in CT1  **Comment: For release 15. Incorrect WI. Should be 5GS\_Ph1-CT. Revision needed**  **CATT**  Draft Revision: WID code is changed to “5GS\_Ph1-CT” and some typo corrections;  **Ericsson**:  fine with the proposed revisions in Draft-CP-201079-v1  **Mediatek**  Fine with the proposed revisions  **Qualcomm**:  There is a formatting issue with the proposed revision of CP-201080: in subclause 8.55, after all changes are accepted, the last bullet of the list is misaligned |
| **C** |  | [CP‑201352](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201352.zip) | Removing the ENs for the enhancement to 5G Location Serivces | CATT | |  | Revision of CP-201079 |
| **C** |  | [CP‑201080](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201080.zip) | Removing the ENs for the enhancement to 5G Location Serivces | CATT | | Revised to 1353 | NEW. CT1  There are seveal editor’s notes on the potential update to existing AT Commands for Location Services. But there is no enhancement for location services in 5G that impacts the AT commands.  Remove the relevant FFSs related to enhancement of 5G LCS.  E//: The company CR in CP-201080 has WI code ‘5G\_eLCS’, but since it is a Rel-16 mirror to the Rel-15 CR in CP-201079 the WI code should be ‘5GS\_Ph1-CT’.  **Mediatek**: Looks like Rel-16 mirror for CP-201079 but with different content.  As these AT-commands are serving multiple generations I do not see relevant to add text "There is no enhancement for location services in 5G that impacts the AT command.". Removing the editor's note would be enough.  **Qualcomm**: I agree with Marko, deleting the Editor’s notes is sufficient, there is no need to add new text.  Additionally:  • WIC should be 5GS\_Ph1-CT  • Linkage to CR 0695 is not needed, CR 0695 is the Rel-15 CR for this Rel-16 mirror and we don’t usually link mirror CRs to the original CR  • Typos in coversheet: “seveal" -> “several”, “exiting” -> “existing”  **CATT**:  Thank you for your comment.  completely agree with the comments. The added text was not supposed to be there. It was a mistake.  agree with the WID correction and the typos indicated by Lena  Draft revision: WID code is changed to “5GS\_Ph1-CT”, remove the additional content text, remove the content in Other Spec affected and some typo corrections  **Ericsson**:  fine with the proposed revisions in Draft-CP-201080-v1  **Mediatek**  Fine with the proposed revisions  **Qualcomm**:  There is a formatting issue with the proposed revision of CP-201080: in subclause 8.55, after all changes are accepted, the last bullet of the list is misaligned |
| **C** |  | [CP‑201353](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201353.zip) | Removing the ENs for the enhancement to 5G Location Serivces | CATT | |  | Revision of CP-201080 |
|  |  | [CP‑201032](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201032.zip) | ENhancements on CT aspects of Enhancement to the 5GC LoCation Services | CT4 | | Approved |  |
|  |  | [CP‑201311](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201311.zip) | Resolve EN for Ciphering Key data IE regarding positioning SIBs | Qualcomm Incorporated / Lena | | Approved | Revision of C1-204093 in Pack 1098 |
|  |  | [CP‑201098](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201098.zip) | CR pack on 5G\_eLCS | CT1 | | Partially Approved |  |
|  |  | [CP‑201194](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201194.zip) | Supporting the Location Services via NEF | CATT, Ericsson | | Approved | Revision of C3-203676 in Pack 1211 |
|  |  | [CP‑201195](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201195.zip) | Supporting the Location Services in NEF in TS 29.522 | CATT, Ericsson | | Approved | Revision of C3-203680 in Pack 1211 |
|  |  | [CP‑201211](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201211.zip) | CR pack on 5G\_eLCS | CT3 | | Partially Approved |  |
|  |  | [CP‑201285](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201285.zip) | UePrivacyRequirements for Location Request | Qualcomm Incorporated / Lena | | Withdrawn |  |
|  |  |  |  |  | |  |  |
| **16.17** | **CT aspects of eNA [eNA]** |  |  |  | |  |  |
|  |  | [CP‑201043](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201043.zip) | Enhancements on CT aspects on Enablers for Network Automation for 5G | CT4 | | Approved |  |
|  |  | [CP‑201179](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201179.zip) | Remove the Abnormal\_Behaviour applicability for ueMobilityInfos in AnalyticsData | Huawei | | Revised to 1336 | NEW. CT3  ueMobilityInfos in AnalyticsData is only applicable for Ue\_Mobility not for Abnormal\_Behaviour.  Remove the Abnormal\_Behaviour applicability for ueMobilityInfos in AnalyticsData. |
|  |  | [CP‑201336](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201336.zip) | Remove the Abnormal\_Behaviour applicability for ueMobilityInfos in AnalyticsData | Huawei | | Approved | Revision of CP-201179 |
|  |  | [CP‑201077](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201077.zip) | Supported features definition | Huawei | | Approved | Revision of C3-203351 in Pack 1234 |
|  |  | [CP‑201178](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201178.zip) | Confidence of analytics results for Nnef\_AnalyticsExposure service | Huawei | | Approved | Revision of C3-203526 in pack 1234 |
|  |  | [CP‑201234](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201234.zip) | CR Pack on eNA | CT3 | | Partially Approved |  |
|  |  |  |  |  | |  |  |
| **16.18** | **CT aspects of 5WWC [5WWC]** |  |  |  | |  |  |
|  |  | [CP‑201048](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201048.zip) | Enhancements on CT aspects on wireless and wireline convergence for the 5G system architecture | CT4 | | Approved |  |
|  |  | [CP‑201108](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201108.zip) | CR pack on 5WWC | CT1 | | Approved |  |
|  |  | [CP‑201144](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201144.zip) | Inclusion of NSSAI in AN Parameters for non-3GPP access | Motorola Mobility, Lenovo, Ericsson | | Approved | Revision of C1-202613. Discussed in CT1 |
|  |  | [CP‑201155](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201155.zip) | Enhancements on CT aspects of wireless and wireline convergence for the 5G system architecture | CT6 | | Approved |  |
|  |  | [CP‑201188](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201188.zip) | OpenAPI file of Nnef\_ACSParameterProvision service | Huawei | | Revised to 1339 | Revision of C3-203533 in Pack 1228 |
|  |  | [CP‑201339](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201339.zip) | OpenAPI file of Nnef\_ACSParameterProvision service | Huawei | | Approved | Revision of CP-201188 |
|  |  | [CP‑201228](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201228.zip) | CR Pack1 on 5WWC | CT3 | | Partially Approved |  |
|  |  | [CP‑201261](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201261.zip) | CR pack2 on 5WWC | CT3 | | Approved |  |
|  |  | [CP‑201262](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201262.zip) | CR pack3 on 5WWC | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.19** | **CT aspects of eMCData2 [eMCData2]** |  |  |  | |  |  |
|  |  | [CP‑201112](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201112.zip) | CR pack on eMCData2 | CT1 | | Approved |  |
| **16.20** | **Stage 3 for MC Communication Interworking with Land Mobile Radio Systems [MCCI\_CT]** |  |  |  | |  |  |
|  |  | [CP‑201120](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201120.zip) | CR pack on MCCI\_CT | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.21** | **CT aspects of eNS [eNS]** |  |  |  | |  |  |
| **C** |  | [CP‑201280](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201280.zip) | Updating the requirements of Rejected NSSAI for UE not supporting NSSAA feature in roaming scenerios | China Mobile,Samsung, ZTE, Huawei, HiSilicon | | Withdrawn | Revision of C1-204174. Discussed in CT1  **Objection: Nokia/Qualcomm**  Nokia: The same comment given to 1281 applies to this CR because these CRs are like twins.  Qualcomm: We also object to this CR, for the following reasons:   * This CR is dependent on CP-201281, to which we cannot agree. * The use case does not seem to make sense: HPLMN S-NSSAIs A, B, C map to the same VPLMN S-NSSAI, but some of the HPLMN S-NSSAI A,B,C are subject to NSSAA and some are not. Moreover, the UE does not support NSSAA. * As written, the proposed changes are confusing :   + “… the AMF shall reject the HPLMN S-NSSAI … “  Strictly speaking, the AMF does not “reject an S-NSSAI”; the AMF rather includes the S-NSSAI in the Rejected NSSAI whereas the registration procedure can still be accepted.  The proposed text may suggest that the AMF rejects the registration procedure. The proposed wording is not used anywhere else in TS 24.501.   Based on the above, we cannot agree to this CR. A detailed technical discussion is needed and this should take place at the next CT1 meeting. Thus we request sending this CR back to CT1.  China Mobile: Agree to discuss it at the next CT1 meeting |
|  |  | [CP‑201047](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201047.zip) | Enhancements on CT aspects on enhancement of network slicing | CT4 | | Approved |  |
|  |  | [CP‑201113](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201113.zip) | CR pack on eNS - 1 | CT1 | | Approved |  |
|  |  | [CP‑201114](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201114.zip) | CR pack on eNS - 2 | CT1 | | Approved |  |
|  |  | [CP‑201236](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201236.zip) | CR Pack on eNS | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.22** | **CT aspects of PARLOS [PARLOS]** |  |  |  | |  |  |
|  |  | [CP‑201126](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201126.zip) | CR pack on PARLOS | CT1 | | Approved |  |
|  |  | [CP‑201242](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201242.zip) | CR Pack on PARLOS | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.23** | **CT aspects of ETSUN [ETSUN]** |  |  |  | |  |  |
|  |  | [CP‑201192](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201192.zip) | Remove the feature for ip address pool | Ericsson | | Revised to 1331 | New. CT3  Supported feature is needed when the sender cannot know the behaviour of the receiver by other means and is significant for handling subsequent interaction between sender and receiver.  The current feature marking IpAddrPool is redundant because:  - C3-203227 agreed in CT3#110e mandates the AAA to return the selected IP address pool info in Access-Accept / DEA message which is an implicit indication for feature support.  - For ip address pool info sent to DHCP server as described in clause 10.3, there is no feature needed since DHCP also returns the selected IP address pool info to the SMF.  Remove the feature IpAddrPool.  Revsion: No CR# in the coversheet. Should be 0036 |
|  |  | [CP-201331](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201331.zip) | Remove the feature for ip address pool | Ericsson | | Approved | Revision of CP-201192 |
|  |  | [CP‑201202](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201202.zip) | N4 information exchanged over N16a during PDU session release | Nokia, Nokia Shanghai Bell, Huawei | | Approved | Revision of C4-203500 in Pack 1031 |
|  |  | [CP‑201031](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201031.zip) | Enhancements on CT aspects of Enhancing Topology of SMF and UPF in 5G Networks | CT4 | | Partially Approved |  |
|  |  | [CP‑201237](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201237.zip) | CR Pack on ETSUN | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.24** | **CT aspects of ATSSS [ATSSS]** |  |  |  | |  |  |
|  |  | [CP‑201044](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201044.zip) | Enhancements on CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system | CT4 | | Approved |  |
|  |  | [CP‑201109](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201109.zip) | CR pack on ATSSS | CT1 | | Approved |  |
|  |  | [CP‑201229](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201229.zip) | CR Pack1 on ATSSS | CT3 | | Approved |  |
|  |  | [CP‑201263](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201263.zip) | CR pack2 on ATSSS | CT3 | | Approved |  |
|  |  | [CP‑201264](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201264.zip) | CR pack3 on ATSSS | CT3 | | Approved |  |
|  |  | [CP‑201265](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201265.zip) | CR pack4 on ATSSS | CT3 | | Approved |  |
|  |  | [CP‑201266](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201266.zip) | CR pack5 on ATSSS | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.25** | **CT aspects of 5G\_eSBA [5G\_eSBA]** |  |  |  | |  |  |
|  |  | [CP‑201069](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201069.zip) | Update of the ExternalDocs Version and API Versions | Deutsche Telekom AG | | Withdrawn | Proposed document obsoleted by CP-201332 |
|  |  | [CP‑201201](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201201.zip) | SCP profile registration and discovery | Nokia, Nokia Shanghai Bell, ZTE, CATT | | Approved | Revision of C4-203497 in Pack 1030 |
|  |  | [CP‑201030](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201030.zip) | Enhancements on CT aspects on eSBA | CT4 | | Partially Approved |  |
|  |  | [CP‑201212](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201212.zip) | CR Pack1 on 5G\_eSBA | CT3 | | Approved |  |
|  |  | [CP‑201258](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201258.zip) | CR Pack2 on 5G\_eSBA | CT3 | | Approved |  |
|  |  | [CP‑201259](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201259.zip) | CR Pack3 on 5G\_eSBA | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.26** | **CT Aspects of E2E\_DELAY [E2E\_DELAY]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.27** | **CT Aspects of 5G\_URLLC [5G\_URLLC]** |  |  |  | |  |  |
|  |  | [CP‑201037](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201037.zip) | Enhancements on CT Aspects of 5G URLLC | CT4 | | Approved |  |
|  |  | [CP‑201186](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201186.zip) | Procedure of policy provisioning of QoS monitoring control | Huawei, ZTE | | Revised to 1338 | Revision of C3-202437 in Pack 1213 |
|  |  | [CP‑201338](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201338.zip) | Procedure of policy provisioning of QoS monitoring control | Huawei, ZTE | | Approved | Revision of CP-201186 |
|  |  | [CP‑201297](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201297.zip) | Clarification on the target of QoS Monitoring report | ZTE | | Approved | Revision of C3-203546 in Pack 1213 |
|  |  | [CP‑201213](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201213.zip) | CR Pack1 on 5G\_URLLC | CT3 | | Partially Approved |  |
|  |  | [CP‑201260](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201260.zip) | CR pack2 on 5G\_URLLC | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.28** | **SBA interactions between IMS and 5GC [eIMS5G\_SBA]** |  |  |  | |  |  |
|  |  | [CP‑201038](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201038.zip) | ENhancements on SBA interactions between IMS and 5GC | CT4 | | Approved |  |
|  |  | [CP‑201110](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201110.zip) | CR pack on eIMS5G\_SBA | CT1 | | Approved |  |
|  |  | [CP‑201232](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201232.zip) | CR Pack on eIMS5G\_SBA | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.29** | **CT Aspects of V2XAPP [V2XAPP]** |  |  |  | |  |  |
|  |  | [CP‑201134](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201134.zip) | CR pack on V2XAPP | CT1 | | Approved |  |
|  |  | [CP‑201251](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201251.zip) | CR Pack on V2XAPP | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.30** | **CT Aspects of eV2XARC [eV2XARC]** |  |  |  | |  |  |
|  |  | [CP‑201197](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201197.zip) | PC5 policy container from PCF | Huawei | | Approved | Revision of C4-203198 in Pack in 1049 |
|  |  | [CP‑201049](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201049.zip) | Enhancements on CT aspects of architecture enhancements for 3GPP support of advanced V2X services | CT4 | | Partially Approved |  |
|  |  | [CP‑201116](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201116.zip) | CR pack on eV2XARC - 1 | CT1 | | Approved |  |
|  |  | [CP‑201117](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201117.zip) | CR pack on eV2XARC - 2 | CT1 | | Approved |  |
|  |  | [CP‑201118](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201118.zip) | CR pack on eV2XARC - 3 | CT1 | | Approved |  |
|  |  | [CP‑201238](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201238.zip) | CR Pack on eV2XARC | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.31** | **CT Aspects of RACS [RACS]** |  |  |  | |  |  |
|  |  | [CP‑201279](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201279.zip) | Multiple RAC Coding Format Support in RACS Operation | Samsung, Nokia, Nokia Shanghai Bell, Qualcomm, Ericsson | | Approved | Revision of C4-203483 in Pack 1035 |
|  |  | [CP‑201035](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201035.zip) | Enhancements on CT aspects of optimisations on UE radio capability signalling | CT4 | | Partially Approved |  |
|  |  | [CP‑201127](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201127.zip) | CR pack on RACS | CT1 | | Approved |  |
|  |  | [CP‑201189](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201189.zip) | Addition of IMEI-TAC values for RACS operations | Qualcomm Incorporated, Ericsson | | Approved | Revision of C3-202523 in Pack 1243 |
|  |  | [CP‑201190](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201190.zip) | Avoid using the same data type for PUT and PATCH | Ericsson | | Approved | Revision of C3-203231 in Pack 1243 |
|  |  | [CP‑201243](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201243.zip) | CR Pack on RACS | CT3 | | Partially Approved |  |
|  |  |  |  |  | |  |  |
| **16.32** | **Enhancement of 3GPP Northbound APIs [eNAPIs]** |  |  |  | |  |  |
|  |  | [CP‑201235](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201235.zip) | CR Pack on eNAPIs | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.33** | **CT aspects of MONASTERY2 [MONASTERY2]** |  |  |  | |  |  |
|  |  | [CP‑201123](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201123.zip) | CR pack on MONASTERY2 - 1 | CT1 | | Approved |  |
|  |  | [CP‑201124](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201124.zip) | CR pack on MONASTERY2 - 2 | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.34** | **Integrated access and backhaul for NR [NR\_IAB]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.35** | **CT aspects of UDICOM [UDICOM]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  | [CP‑201176](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201176.zip) | UE Context in AMF Data | Hewlett-Packard Enterprise | | Approved | Revision of C4-203040 in Pack 1033 |
|  |  | [CP‑201184](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201184.zip) | Support of SMSoIP | Ericsson | | Approved | Revision of C4-203623 in Pack 1033 |
|  |  | [CP‑201033](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201033.zip) | Enhancements on User data interworking, Coexistence and Migration | CT4 | | Partially Approved |  |
|  |  |  |  |  | |  |  |
| **16.36** | **CT aspects of xBDT [xBDT]** |  |  |  | |  |  |
|  |  | [CP‑201253](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201253.zip) | CR Pack1 on xBDT | CT3 | | Approved |  |
|  |  | [CP‑201276](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201276.zip) | CR Pack2 on xBDT | CT3 | | Approved |  |
|  |  | [CP‑201313](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201313.zip) | CR Pack on xBDT for eV2XARC, 5WWC | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.37** | **Service Based Interface Protocol Improvements [SBIProtoc16]** |  |  |  | |  |  |
|  |  | [CP‑201191](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201191.zip) | HTTP Header storage in UDR | Nokia, Nokia Shanghai Bell | | Approved | Revision of C4-203604 in Pack 1034 |
|  |  | [CP‑201198](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201198.zip) | Authentication results for multiple registrations | Huawei | | Approved | Revision of C4-203542 in Pack 1034 |
|  |  | [CP‑201293](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201293.zip) | Miscellaneous Corrections | Huawei | | Revised to 1341 | Revision of C4-203306 in Pack 1034  Rev2: On cover page, source to TSG, WG corrected. |
|  |  | [CP‑201341](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201341.zip) | Miscellaneous Corrections | Huawei | | Approved | Revision of CP-201293 |
|  |  | [CP‑201034](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201034.zip) | Enhancements on Service based Interface protocol improvements | CT4 | | Partially Approved |  |
|  |  | [CP‑201244](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201244.zip) | CR Pack on SBIProtoc16 | CT3 | | Approved |  |
|  |  | [CP‑201256](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201256.zip) | CR Pack on URI of APIs | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.38** | **Single radio voice continuity from 5GS to 3G [5G\_SRVCC]** |  |  |  | |  |  |
|  |  | [CP‑201036](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201036.zip) | Enhancements on CT aspect of single radio voice continuity from 5GS to 3G | CT4 | | Approved |  |
|  |  | [CP‑201099](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201099.zip) | CR pack on 5G\_SRVCC | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.39** | **Load and Overload Control of 5GC Service Based Interfaces [LOLC]** |  |  |  | |  |  |
|  |  | [CP‑201039](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201039.zip) | Enhancements on Load and Overload Control of 5GC Service Based Interfaces | CT4 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.40** | **xMB extension for mission critical services [MC\_XMB-CT]** |  |  |  | |  |  |
|  |  | [CP‑201239](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201239.zip) | CR Pack on MC\_XMB-CT | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.41** | **Enhancements for Common API Framework for 3GPP Northbound APIs [eCAPIF]** |  |  |  | |  |  |
|  |  | [CP‑201231](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201231.zip) | CR Pack1 on eCAPIF | CT3 | | Approved |  |
|  |  | [CP‑201277](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201277.zip) | CR Pack2 on eCAPIF | CT3 | | Approved |  |
|  |  | [CP‑201278](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201278.zip) | CR Pack3 on eCAPIF | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.42** | **Service Enabler Architecture Layer for Verticals [SEAL]** |  |  |  | |  |  |
|  |  | [CP‑201129](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201129.zip) | CR pack on SEAL | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.43** | **Architecture enhancements for the support of Integrated access and backhaul (IAB) [IABARC]** |  |  |  | |  |  |
|  |  | [CP‑201119](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201119.zip) | CR pack on IABARC-CT | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.44** | **5GS Enhanced support of OTA mechanism for UICC configuration parameter update [5GS\_OTAF]** |  |  |  | |  |  |
|  |  | [CP‑201040](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201040.zip) | Enhancements on 5GS Enhanced support of OTA mechanism for configuration parameter update | CT4 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.45** | **Nudsf Service Based Interface [NUDSF]** |  |  |  | |  |  |
|  |  | [CP‑201175](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201175.zip) | Subscribe to Notify | Hewlett-Packard Enterprise, AT&T | | Approved | Revision of C4-203399 in Pack 1041 |
|  |  | [CP‑201041](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201041.zip) | Enhancements on Nudsf Service Based Interface | CT4 | | Partially Approved |  |
|  |  |  |  |  | |  |  |
| **16.46** | **Nsoraf Service Based Interface**  **[NSORAF]** |  |  |  | |  |  |
|  |  | [CP‑201042](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201042.zip) | Enhancements on Nsoraf Service Based Interface | CT4 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.47** | **CT aspects of Enhanced Mission Critical Push-to-Talk architecture phase 2**  **[enh2MCPTT-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.48** | **Video enhancement of IMS CAT/CRS/announcement services [eIMSVideo]** |  |  |  | |  |  |
|  |  | [CP‑201111](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201111.zip) | CR pack on eIMSVideo | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.49** | **Any other Rel-16 Work item or Study item** |  |  |  | |  |  |
|  |  | [CP‑201050](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201050.zip) | Enhancements on User Plane Gateway Function for Inter-PLMN Security | CT4 | | Approved |  |
|  |  |  |  |  | |  |  |
| **17** | **Release 17** |  |  |  | |  |  |
| **17.1** | **Rel-17 work planning** |  |  |  | |  | Possible topics WRT planning of Rel-17 |
|  |  |  |  |  | |  |  |
| **17.2** | **New WIDs for Rel-17** |  |  |  | |  |  |
|  |  | [CP‑201075](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201075.zip) | Service Based Interface Protocol Improvements Release 17 | CT4 | | Approved |  |
|  |  | [CP‑201076](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201076.zip) | New WID on BEst Practice of PFCP | CT4 | | Approved |  |
|  |  | [CP‑201162](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201162.zip) | New WID on Multi-device and multi-identity enhancements | CT1 | | Approved |  |
|  |  | [CP‑201163](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201163.zip) | New WID on Stage-3 5GS NAS protocol development 17 | CT1 | | Approved |  |
|  |  | [CP‑201164](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201164.zip) | New WID on Protocol enhancements for Mission Critical Services | CT1 | | Approved |  |
|  |  | [CP‑201165](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201165.zip) | New WID on Stage-3 SAE Protocol Development | CT1 | | Approved |  |
|  |  | [CP‑201166](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201166.zip) | New WID on Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode | CT1 | | Approved |  |
|  |  | [CP‑201167](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201167.zip) | New WID on IMS Stage-3 IETF Protocol Alignment | CT1 | | Approved |  |
|  |  | [CP‑201168](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201168.zip) | New SID on Enhanced IMS to 5GC Integration Phase 2 | CT1 | | Approved |  |
|  |  | [CP‑201177](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201177.zip) | New WID on CT aspects of Enhancements to Mission Critical Data | AT&T | | Approved |  |
|  |  | [CP‑201207](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201207.zip) | New WID on Stage 3 of Multimedia Priority Service (MPS) Phase 2 | CT3 | | Approved |  |
|  |  | [CP‑201208](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201208.zip) | New WID on PFD management enhancement | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **17.3** | **Revised WIDs for Rel-17** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.4** | **TEI17 [TEI17]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18** | **Specifications in TSG-CT domain** |  |  |  | |  | * MCC Specification status lists, specs per release etc. * Specifications for approval * Specifications for information |
| **18.1** | **Specification status** |  |  |  | |  | Specification status |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.2** | **3GPP TS/TR for information** |  |  |  | |  | Specifications for information |
|  |  |  |  |  | |  |  |
| **18.3** | **3GPP TS/TR for approval** |  |  |  | |  | Specifications for approval |
|  |  | [CP‑201173](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201173.zip) | 3GPP TS 24.193 v2.0.0 on 5G System; Access Traffic Steering, Switching and Splitting (ATSSS); Stage 3 | CT1 | | Approved |  |
|  |  | [CP‑201180](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201180.zip) | 3GPP TS 24.548 v2.0.0 on Network Resource Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification | CT1 | | Approved |  |
|  |  | [CP‑201181](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201181.zip) | 3GPP TS 24.486 v.2.0.0 on Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3 | CT1 | | Approved |  |
|  |  | [CP‑201193](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201193.zip) | Presentation of Specification to TSG: 3GPP TS 29.526 on 5G System; Network Slice-Specific Authentication and Authorization (NSSAA) services Stage 3 , Version 1.0.0 | CT4 | | Approved |  |
|  |  | [CP‑201209](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201209.zip) | Draft TS 29.549 v2.0.0 on Service Enabler Architecture Layer (SEAL); Application Programming Interface (API) specification; Stage 3 | CT3 | | Revised to 1334 | Revision:  TS 29.549 v2.0.0 (CP-201209 ) has been revised based on an incorrect implementation of the following:  On TS29549\_SS\_NetworkResourceAdaptation.yaml :  As per agreed pCR C3-202340, the TS annex should be corrected to  $ref: 'TS29122\_CommonData.yaml.yaml#/components/responses/default'  On TS29549\_SS\_UserProfileRetrieval.yaml:  As per agreed pCR C3-203414, YAML file in ZIP and the GitHub should be corrected to  - required: [valUeId]  The above corrections are done in plenary version CP-201334 (TS 29.549, v.2.0.1) and GitHub |
|  |  | [CP‑201334](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201334.zip) | Draft TS 29.549 v2.0.0 on Service Enabler Architecture Layer (SEAL); Application Programming Interface (API) specification; Stage 3 | CT3 | | Approved | Revision of CP-201209 |
|  |  |  |  |  | |  |  |
| **19** | **TSG CT work organization** |  |  |  | |  | * Miscellaneous administrative topics for decision or information, like: * Election of officials * Terms of Reference * Requests for CT plenary advice * Updates to drafting rules and working methods |
| **19.1** | **Election of CT-officials** |  |  |  | |  |  |
|  |  | [CP-201335](http://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201335.zip) | Voting and Elections in 3GPP Electronic Meetings | CT Chair, SA Chair, RAN Chair | | Endorsed | new Annex I in 3GPP Working Procedures enables WGs and TSGs to take formal Working Agreements during 3GPP e-meetings.  All elections of 3GPP WG officials are postponed until the PCG concludes its discussions. All current 3GPP WG officials would stay in office until that time. |
|  |  |  |  |  | |  |  |
| **19.2** | **Principles for work organization within CT** |  |  |  | |  | Updates to Terms of Reference for CT or CT-WGs |
|  |  |  |  |  | |  |  |
| **19.3** | **Terms of Reference** |  |  |  | |  | Updates to Terms of Reference for CT or CT-WGs |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **19.4** | **Support Arrangements** |  |  |  | |  |  |
|  |  | [CP-201009](http://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201009.zip) | Support Team Report | MCC/JMM | |  |  |
| **19.5** | **Working methods** |  |  |  | |  | Updates to drafting rules or working methods |
|  |  |  |  |  | |  |  |
| **19.6** | **Future Meeting Schedule** |  |  |  | |  | Overview of upcoming meetings for CT and CT-WGs |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **20** | **Review of 3GPP Work Plan** |  |  |  | |  | Review of the 3GPP work plan |
|  |  | [CP‑201010](http://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_88e/Docs/CP-201010.zip) | Work Plan | MCC/Alain | |  |  |
| **21** | **Any other business** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **22** | **Close of Meeting** |  |  |  | |  | Meeting closes Wed 1 at 23h30 CEST/UTC +2 |