**3GPP TSG CT WG1 Meeting#122** ***C1-200203***

**Electronic meeting, 20-28 February 2020**

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| Meeting documents by agenda itemMeeting:Meeting #122-eElectronic meeting20 - 28 February 20 20**All indicated times are CET** |
| Cyan background means allocated but not available. | Yellow background means available but not yet treated document. | Green background means this document was agreed at a revious meeting in this plenary cycle. | White background means that the document has been handled in the meeting and a decision has been made. |
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|  | Additional Colour coding for Tdocs in the 1st row |
|  | Late Papers |
|  | Easy and uncontroversial papers – can be presented within 2 minutes |
|  | Papers for common sessions |
|  | Low Priority |
|  |
| Agenda item | Agenda item title | Tdoc | Title | Source | Spec | Result |
|  | Opening & welcome | Tdoc | Title | Source | Spec | Result |
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|  |  | **IPR Policy**Reminder to Individual Members and the persons making the technical proposals about their obligations under their respective Organizational Partners IPR Policy:I draw your attention to your obligations under the 3GPP Partner Organizations' IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP. |
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|  |  | **Antitrust & Competition**I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chairman and Vice Chairman. In case of question I recommend that you contact your legal counsel.The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. |
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|  |  | **Usage if WiFi**During 3GPP meetings, IT support staff have noticed an increasing amount of RF pollution from private, ad hoc, wireless networks (Wi-Fi Direct, hot-spots hosted on mobile phones, …), and this gives rise to reduced throughput capability of the 3GPP WLAN. I would like to remind delegates to disable all such non-3GPP Wi-Fi networks while they are in the meeting rooms or adjacent areas. This will allow the quality of connection to the 3GPP Wi-Fi network which delegates have a right to expect. |
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|  |  | **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 EAR3GPP 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 InformationNon-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 InformationCertain 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 MeetingsThe situation should be considered as "business as usual" during all the meetings called by 3GPP.5. Responsibility of Individual MembersIt 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. |
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|  |  | Please remember: - to perform the electronic registration before end-of-meeting  - to wear your badge  |
|  |  |  |  |  |  |  |
|  | Agenda & Reports | Tdoc | Title | Source | Doctype | Result & comments |
|  |  | C1-200275 | 3GPP TSG CT1#122 – agenda after Tdoc allocation deadline | CT1 chairman | agenda  | Revision of C1-200200 |
|  |  | C1-200201 | 3GPP TSG CT1#122 – agenda after Tdoc allocation deadline | CT1 chairman | agenda  |  |
|  |  | C1-200202 | 3GPP TSG CT1#122 – agenda with proposed LS-actions | CT1 chairman | agenda  |  |
|  |  | C1-200203 | 3GPP TSG CT1#122 – agenda at start of meeting | CT1 chairman | agenda  |  |
|  |  | C1-200204 | 3GPP TSG CT1#122 – agenda Thursday (27th Feb) evening  | CT1 chairman | agenda |  |
|  |  | C1-200205 | 3GPP TSG CT1#122 – agenda at end of meeting | CT1 chairman | agenda  |  |
|  |  | [C1-200307](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200307.zip) | draft C1-121 meeting report | MCC | report  |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  | Highest number shown in the 0837 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | **Agenda** 1 Opening 2 Agenda and Reports 3 work organization  4 incoming LS Rel-16**Rel-16:**  16.1.x Work items (4) 16.2.3 SAES16 (all aspects) (0) only revisions of CRs agreed in CT1#121bis-e and disc papers supporting LSs 16.2.4 5GProtoc16 (all aspects) (5) only revisions of CRs agreed in CT1#121bis-e and disc papers supporting LSs 16.2.21 Rel-16 non-IMS issues (0) only revisions of CRs agreed in CT1#121bis-e and disc papers supporting LSs**Agenda Items from 16.2** 16.2.2 SINE\_5G (4) 16.2.5 ATSSS (28) 16.2.6 eNS (51) 16.2.7.x vertical-LAN (79) 16.2.8 5G\_CIoT (44) 16.2.9 5WWC (25) 16.2.11 5G\_eLCS (2) 16.2.14 RACS (16) 16.2.15 5G\_SRVCC (2) 16.2.16 xBDT (0) 16.2.17 IAB-CT (0) 16.2.18 5GS\_OTAF (0) 16.2.19 5G\_URLLC (2) 16.2.20 SEAL (51) 16.2.1 ePWS (5) 16.2.10 PARLOS (7) 16.2.12 V2XAPP (13) 16.2.13 eV2XARC (35)**Agenda Items from 16.3** 16.3.1 MCCI\_CT (7) 16.3.2 MCProtoc16 (5) 16.3.5 MCSMI\_CT (0) 16.3.6 eMCDATA2 (19) 16.3.10 MONASTERY2 (8) 16.3.12 enh2MCPTT-CT (9) 16.3.3 MuD (15) 16.3.4 IMSProtoc16 (3) 16.3.7 E2E\_DELAY (0) 16.3.8 VBCLTE (0) 16.3.11 eIMS5G\_SBA (1) 16.3.13 eIMSVideo (8) 16.3.14 IMS/MC TEI16 (3) 18 outgoing LS Rel-16 |
|  |  |  |
|  | Work organisation  | Tdoc | Title | Source | To / CC | Result & comments |
|  | Meeting schedule |  |  |
|  |  |  | CT1 and CT plenary meeting dates. |
|  |  |  | Date | Meeting | Venue |
|  |  |  | *13 – 17 January* | [*CT1-Potential Ad-Hoc*](https://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=36254) | *cancelled* |
|  |  |  | 16 – 22 January | CT1#121bis-e  | Electronic Meeting |
|  |  |  | *24 – 28 February* | *CT1#122* | *cancelled* |
|  |  |  | 20 – 28 February | CT1#122-e | Electronic Meeting |
|  |  |  | 16 – 17 March 2020 | CT plenary #87 | Jeju, Korea |
|  |  |  | 20 – 24 April | CT1#123 | Dubrovnik, Croatia |
|  |  |  | 25 – 29 May | CT1#124 | Dalian, China |
|  |  |  | 15 – 16 June 2020 | CT plenary #88 | Malmö, Sweden |
|  |  |  | 13 – 17 July | [CT1-Potential Ad-Hoc](https://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=36254) | TBD |
|  |  |  | 24 – 28 August | CT1#125 | US |
|  |  |  | 14 – 15 September 2020 | CT plenary #89 | Funchal, Madeira |
|  |  |  | 12 – 16 October | CT1#126 | India |
|  |  |  | 16 – 20 November | CT1#127 | US |
|  |  |  | 7 – 8 December 2020 | CT plenary #90 | NAF |
|  |  |  | 25 – 29 January 2021 | CT1#127bis  | tbd |
|  |  |  | 01- 05 March 2021 | CT1#128 | tbd |
|  |  |  | 22 – 23 March 2021 | CT plenary #91 | US |
|  |  |  | 19 – 23 April 2021 | CT1#129 | tbd |
|  |  |  | 24 – 28 May 2021 | CT1#130 | tbd |
|  |  |  | 14 – 15 June 2021 | CT plenary #91 | Japan |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | Work Plan and other adm. issues | Tdoc | Title | Source | Spec /doctype | Result & comments |
|  |  | [C1-200306](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200306.zip) | work plan | MCC | Work Plan  |  |
|  |  | [C1-200312](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200312.zip) | CT1#122-e Electronic Meeting – Process and Scope  | CT1 chairman | other  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Input Liaison statements | Tdoc | Title | Source | To / CC | Result & comments |
|  |  | [C1-200206](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200206.zip) | LS on usage of IMSI during 3GPP based authentication (C4-195574) | CT4 | Cc | Proposed Noted |
|  |  | [C1-200207](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200207.zip) | LS on user identity when 5G-AKA or EAP AKA’ is used for SNPN (C6-190468) | CT6 | To | Proposed NotedSA3 reply in C1-200255 |
|  |  | [C1-200208](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200208.zip) | LS on Proposal to transfer the study on service-based support for SMS in 5GC to CT WGs (CP-193301) | TSG CT | Cc | PostponedLS pertains to Rel-17 |
|  |  | [C1-200209](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200209.zip) | Reply LS to Transfer the study on service-based support for SMS in 5GC to CT WGs (SP-191362) | TSG SA | Cc | PostponedLS pertains to Rel-17 |
|  |  | [C1-200210](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200210.zip) | Response to 3GPP S2-1910806 and S2-1912767 on Line ID (LIAISE-353) | Broadband Forum | To | Proposed NotedSA2 has already handled the incoming LS |
|  |  | [C1-200211](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200211.zip) | General Status of Work (LIAISE-363à | Broadband Forum | To  | Proposed tbdReply neededProposed LS out in C1-200309 |
|  |  | [C1-200212](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200212.zip) | LS on Testing and Certification of 3GPP Mission Critical features A GCF-TCCA Joint Approach to Develop and Manage MC Certification ( | TCCA | Cc | Proposed Noted |
|  |  | [C1-200213](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200213.zip) | Reply LS on QoE Measurement Collection (R2-1916328) | RAN2 | Cc | Proposed Noted |
|  |  | [C1-200214](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200214.zip) | Reply LS on NID structure and length (R2-1916344) | RAN2 | Cc | Proposed NotedRelated CR in C1-200334 |
|  |  | [C1-200215](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200215.zip) | CMAS/ETWS and emergency services for SNPNs (R2-1916345) | RAN2 | Cc | Proposed Noted |
|  |  | [C1-200216](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200216.zip) | Reply LS on Sending CAG ID in NAS layer (R2-1916349) | RAN2 | Cc | Proposed NotedRelated DP in C1-200335 and CR in C1-200337 |
|  |  | [C1-200217](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200217.zip) | Reply LS on Mobile-terminated Early Data Transmission (R2-1916368) | RAN2 | To | Proposed tbdProposed LS out in C1-200707CR in C1-200368 |
|  |  | [C1-200218](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200218.zip) | Reply LS on assistance indication for WUS (R2-1916440) | RAN2 | To | Proposed NotedSeems no reply needed |
|  |  | [C1-200219](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200219.zip) | Reply LS on PC5S and PC5 RRC unicast message protection (R2-1916461) | RAN2 | Cc | Proposed Noted |
|  |  | [C1-200220](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200220.zip) | LS on dependencies on AS design for mobility management aspects of NTN in 5GS (R2-1916470) | RAN2 | Cc | Proposed NotedC1-200220 from RAN2 and C1-200269 from RAN3 are both replies to the same LS from SA2 (S2-1910786) |
|  |  | [C1-200221](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200221.zip) | LS on RRC establishment cause value in EPS voice fallback from NR to E-UTRAN (R2-1916530) | RAN2 | To  | Proposed PosptonedTEI16, potentially changes to 24.301 neededProposed LS out in C1-200710, LS out postponed |
|  |  | [C1-200222](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200222.zip) | LS on inter-RAT HO from SA to EN-DC (R2-1916600) | RAN2 | Cc | Proposed Noted |
|  |  | [C1-200223](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200223.zip) | LS on LS on system level design assumptions for satellite in 5GS (R2-1916620) | RAN2 | Cc | Proposed NotedC1-200223 from RAN2 and C1-200269 from RAN3 are both replies to the same LS from SA2  (S2-1910787) |
|  |  | [C1-200224](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200224.zip) | Reply LS on extended NAS timers for CE in 5GS (R2-1916623) | RAN2 | To | Proposed tbdProposed LS out in C1-200717Related CRs in C1-200383 - C1-200384 |
|  |  | [C1-200225](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200225.zip) | Reply LS on Sending CAG ID in NAS layer (R3-197591) | RAN3 | Cc | Proposed NotedRelated DP in C1-200335 and CR in C1-200337 |
|  |  | [C1-200226](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200226.zip) | LS on Concurrent Broadcasting for CMAS (R3-197749) | RAN3 | To | PostponedLS pertains to Rel-15Proposed LS out in C1-200764 |
|  |  | [C1-200227](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200227.zip) | Reply LS on UAC for NB-IOT (S1-193592) | SA1 | Cc | Proposed NotedIs related at least to CRs in C1-200397, C1-200421, C1-200677 |
|  |  | [C1-200228](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200228.zip) | Reply LS on enhanced access control for IMS signalling (S1-193595) | SA1 | To | Proposed NotedNo action in the LS |
|  |  | [C1-200229](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200229.zip) | Reply LS on NSI requirements (S1-193596) | SA1 | Cc | Proposed Noted |
|  |  | [C1-200230](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200230.zip) | Reply LS on LS on PC5S and PC5 RRC unicast message protection (S2-1912002) | SA2 | Cc | Proposed NotedRelated CR in C1-200349  |
|  |  | [C1-200231](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200231.zip) | Reply LS on Enquiries on eV2XARC (S2-1912018) | SA2 | To | Proposed NotedRelated pCR in C1-200391Related CR in C1-200349 |
|  |  | [C1-200232](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200232.zip) | Reply LS on SUCI computation from an NSI (S2-1912417) | SA2 | To  | Proposed NotedAre CRs available to this meeting? |
|  |  | [C1-200233](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200233.zip) | LS on PLMN selection solutions for satellite access (S2-1912551) | SA2 | To | PostponedLS pertains to Rel-17 (FS\_5GSAT\_ARCH) although header of the LS incorrectly indicates Rel-16 |
|  |  | [C1-200234](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200234.zip) | Reply LS on applicability of the notification procedure in SNPNs (S2-1912601) | SA2 | To | Proposed tbdProposed LS out in C1-200718Related CRs in C1-200504, C1-200505, C1-200333 |
|  |  | [C1-200235](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200235.zip) | LS on support of Control Plane CIoT 5GS Optimisation (S2-1912609) | SA2 | To | Proposed NotedAre CRs available to this meeting? |
|  |  | [C1-200236](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200236.zip) | Reply LS on sending CAG ID during resume procedure (S2-1912731) | SA2 | To | Proposed NotedNo action for CT1 |
|  |  | [C1-200237](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200237.zip) | Reply LS on Rel-16 NB-IoT enhancements (S2-1912763) | SA2 | To | Proposed tbdReply NeededProposed LS out in C1-200499Proposed LS out in C1-200416Discussion paper in C1-200498 DP in C1-200417  |
|  |  | [C1-200238](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200238.zip) | Reply LS on clarification on the requirement for steering of roaming (S2-1912764) | SA2 | To | Proposed PostponedCRs in CT1 likely needed, agenda item not in scope of this meeting |
|  |  | [C1-200239](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200239.zip) | LS on the support for ECN in 5GS (S2-1912765) | SA2 | Cc | Proposed Noted |
|  |  | [C1-200240](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200240.zip) | Reply LS on "set of configuration parameters" in the precedence of the V2X configuration parameters (S2-2000970) | SA2 | To | Proposed NotedRelated CR in C1-200525 |
|  |  | [C1-200241](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200241.zip) | Reply LS on PC5 unicast and groupcast security protection (S2-2000971) | SA2 | To | Proposed NotedRelated CR in C1-200349 |
|  |  | [C1-200242](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200242.zip) | Reply LS on Response LS on SL RLM/RLF (S2-2000973) | SA2 | To | Proposed NotedRelated CR in C1-200350 |
|  |  | [C1-200243](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200243.zip) | Reply LS on configured NSSAI handling (S2-2001110) | SA2 | To | Proposed tbdProposed LS out in C1-200718No action for CT1 identified |
|  |  | [C1-200244](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200244.zip) | Reply LS on Dual-registration requirements for EHPLMNs (S2-2001130) | SA2 | To | Proposed PostponedCT1 CRs seem needed, potentially a reply LS |
|  |  | [C1-200245](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200245.zip) | LS on MA PDU establishment when the VPLMN does not support ATSSS (S2-2001148) | SA2 | To | Proposed NotedAre CRs available to this meeting? |
|  |  | [C1-200246](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200246.zip) | Reply LS on gPTP message delivery to DS-TT (S2-2001150) | SA2 | To | Proposed NotedRelated CR in C1-200339 |
|  |  | [C1-200247](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200247.zip) | Reply LS on 5G-S-TMSI Truncation Procedure (S2-2001248) | SA2 | To | Proposed NotedC1-200500 (discussion paper) and C1-200501 (related CR) |
|  |  | [C1-200248](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200248.zip) | Reply LS on congestion during RLOS access (S2-2001335) | SA2 | To  | Proposed NotedNo action seems required |
|  |  | [C1-200249](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200249.zip) | LS on Non-UE N2 Message Services Operations (S2-2001340) | SA2 | To | Proposed tbdProposed LS out in C1-200721 |
|  |  | [C1-200250](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200250.zip) | Reply LS on CMAS/ETWS and emergency services for SNPNs (S2-2001400) | SA2 | Cc | Proposed Noted |
|  |  | [C1-200251](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200251.zip) | Reply LS on assistance indication for WUS (S2-2001578) | SA2 | To | Withdrawn |
|  |  | [C1-200252](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200252.zip) | LS on Sending CAG ID (S2-2001616) | SA2 | To | Proposed tbdReply NeededProposed LS out in C1-200310Related CRs in C1-200311, C1-200467, C1-200337 (seem to contain the same solution)Related DP in C1-200335  |
|  |  | [C1-200253](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200253.zip) | LS on PC5S and PC5 RRC unicast message protection (S3-193802) | SA3 | To | Proposed NotedProposed LS out in C1-200545Related CR in C1-200349 |
|  |  | [C1-200254](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200254.zip) | Reply LS to LS on usage of IMSI during 3GPP based authentication (S3-194454) | SA3 | Cc | Proposed NotedReply from SA3 to CT4 (C1-200206)  |
|  |  | [C1-200255](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200255.zip) | Reply LS on SUCI computation from an NSI (S3-194455) | SA3 | To | Proposed tbdReply NeededProposed LS out in C1-200395 |
|  |  | [C1-200256](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200256.zip) | Reply LS to SA2 on 5G-S-TMSI Truncation Procedure (S3-194482) | SA3 | Cc | Proposed Noted |
|  |  | [C1-200257](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200257.zip) | Reply LS on SUCI computation from an NSI (S3-194548) | SA3 | To | Proposed NotedAre CRs available to this meeting? |
|  |  | [C1-200258](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200258.zip) | Reply LS on Sending CAG ID in NAS layer (S3-194559) | SA3 | Cc | Proposed Noted |
|  |  | [C1-200259](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200259.zip) | Reply LS on IANA assigned values for mission critical (S3-194603) | SA3 | To | Proposed PostponedReply LS is needed, not provided to the meeting, SA6 meets in May, i.e. after next CT1 meeting |
|  |  | [C1-200260](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200260.zip) | LS to CT1 on 3rd ETSI MCX Remote Plugtest (S3-194611) | SA3 | To | Proposed Noted |
|  |  | [C1-200261](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200261.zip) | LS on Reply on QoE Measurement Collection (S5-197543) | SA5 | Cc | Proposed Noted |
|  |  | [C1-200262](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200262.zip) | Reply LS on how the IWF obtains key material for interworking group and private communications (S6-192194) | SA6 | To | Proposed NotedAre CRs available to this meeting? |
|  |  | [C1-200263](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200263.zip) | Reply LS (S6-192023) on clarifications regarding SEAL services (S6-192318) | SA6 | Cc | Proposed Noted |
|  |  | [C1-200264](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200264.zip) | Reply LS on Unicast resource management with SIP core (S6-200163) | SA6 | To | Proposed Notedrelated CR iC1-200616 |
|  |  | [C1-200265](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200265.zip) | LS on API additions to SEAL and V2XAPP (S6-200270) | SA6 | To | Proposed NotedNo CT1 CRs seem available to this meeting, commented that none are needed |
|  |  | [C1-200266](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200266.zip) | Reply LS on Enquiries for supporting vertical applications (S6-200337) | SA6 | To | Proposed NotedRelated CRs in C1-200562, C1-200563, C1-200554,C1-200552, C1-200553, C1-200608 and C1-200610 |
|  |  | [C1-200267](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200267.zip) | Reply LS on clarifications regarding V2XAPP services (S6-192385) | SA6 | Cc | Proposed Noted |
|  |  | [C1-200268](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200268.zip) | LS on missing cause code mapping (C3-195374) | CT3 | Cc | Proposed Noted |
|  |  | [C1-200269](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200269.zip) | Reply LS on LS on dependencies on AS design for mobility management aspects of NTN in 5GS / LS on system level design assumptions for satellite in 5GS (R3-197699) | RAN3 | Cc | Proposed NotedC1-200220 from RAN2 and C1-200269 from RAN3 are both replies to the same LS from SA2 (S2-1910786)C1-200223 from RAN2 and C1-200269 from RAN3 are both replies to the same LS from SA2  (S2-1910787) |
|  |  | [C1-200270](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200270.zip) | Reply on QoE Measurement Collection (S4-200241) | SA4 | To | Proposed PostponedReply LS is needed, not provided to the meeting |
|  |  | [C1-200271](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200271.zip) | Reply LS on Support for ECN in 5GS (S4-200298) | SA4 | Cc | Proposed Noted |
|  |  | [C1-200272](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200272.zip) | LS on GSMA NG.116 Attribute Area of service and impact on PLMN selection (S2-2001726) | SA2 | To | PostponedLS pertains to Rel-17 (FS\_eNS\_Ph2 ) |
|  |  | [C1-200273](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200273.zip) | Questions on onboarding requirements (S2-2001729) | SA2 | Cc | PostponedLS pertains to Rel-17 (FS\_eNPN) |
|  |  | [C1-200274](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200274.zip) | Reply LS on assistance indication for WUS (S2-2001732) | SA2 | To | Proposed PostponedSA2 asks CT WG1 group to take the above answers into account and update their specifications accordingly, if required. Any CRs for WUS in EPC were treated under SAES in previous meeting  |
|  |  | [C1-200319](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200319.zip) | Specification of NAS COUNT for 5G (FSAG Doc 78\_002) | GSMA FSAG | To | Proposed PostponedCRs to 24.501 may be needed Reply LS may be needed  |
|  |  | [C1-200356](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200356.zip) | General status of WWC work (LIAISE-376) | Broadband Forum | To  | Proposed Noted |
|  |  | [C1-200777](http://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Docs/C1-200777.zip) | LS on Questions on onboarding requirements (S1-201087) | [C1-200777](http://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Docs/C1-200777.zip) | Cc | PostponedLS pertains to Rel-17 |
|  |  | [C1-200776](http://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Docs/C1-200776.zip) | Reply LS on manual CAG selection (S1-201084) | [C1-200776](http://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Docs/C1-200776.zip) | To | Came LateProposed NotedProviding answers, |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | void |  |  |  |  | Release 5 is closed |
|  |  |  |  |  |  |  |
|  | void |  |  |  |  | Release 6 is closed |
|  |  |  |  |  |  |  |
|  | void |  |  |  |  | Release 7 is closed |
|  |  |  |  |  |  |  |
|  | Release 8work items | Tdoc | **NOT PART OF THIS MEETING**  |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 9work items | Tdoc | **NOT PART OF THIS MEETING**  |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 10work items | Tdoc | **NOT PART OF THIS MEETING**  |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 11work items | Tdoc | **NOT PART OF THIS MEETING**  |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 12work items | Tdoc | **NOT PART OF THIS MEETING**  |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 13work items | Tdoc | **NOT PART OF THIS MEETING** |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 14work items | Tdoc | **NOT PART OF THIS MEETING** |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 15work items | Tdoc | **NOT PART OF THIS MEETING** |  |  |  |
|  |  |  |  |  |  |  |
|  | Release 16work items | Tdoc | Title | Source | Tdoc info  | Result & comments |
|  | Tdocs on Work Items |  |  |  |  | Papers related to Rel-16 Work Items |
| * + 1.
 | Work Item Descriptions |  | Peter - Main |  |  | New and revised Work Item Descritpions |
|  |  | [C1-200296](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200296.zip) | Stage-3 5GS NAS protocol development | Ericsson / Ivo | WID revised Rel-16 | Revision of CP-183087 |
|  |  | [C1-200348](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200348.zip) | Revised WID on CT aspects of optimisations on UE radio capability signalling | Qualcomm Incorporated / Lena | WID revised Rel-16 |  |
|  |  | [C1-200423](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200423.zip) | Revised WID on CT aspects of Cellular IoT support and evolution for the 5G System | Qualcomm Incorporated / Amer | WID revised Rel-16 |  |
|  |  | [C1-200472](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200472.zip) | Revised WID on Multi-device and multi-identity | Ericsson /Jörgen | WID revised Rel-16 |  |
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|  | CRs and Discussion Documents related to new or revised Work Items |  | Peter - Main |  |  | CRs and Disc papers related to new Work Items  |
|  |  |  |  |  |  |  |
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|  | Status of other Work Items |  | Peter - Main |  |  | Status information on other relevant Rel-16 Work Items |
|  |  | [C1-200422](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200422.zip) | 5G\_CIoT WI workplan | Qualcomm Incorporated / Amer | Work Plan Rel-16 |  |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  | Release 16 documents for information |  | Peter - Main |  |  | Miscellaneous documents provided for information |
|  |  |  |  |  |  |  |
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|  | WIs for common and SAE/5G |  |  |  |  | WIs mainly targeted for common sessions or the SAE/5G breakout |
|  | ePWS |  | Lena – Main |  |  | CT aspects of enhancements of Public Warning SystemTR 23.735 is sent to CT#85 for approval  |
|  |  | [C1-200442](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200442.zip) | CR 23.041#0208 Addition of message identifiers for UEs with no user interface | SyncTechno Inc. | CR 0208 23.041 Rel-16 |  |
|  |  | [C1-200443](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200443.zip) | CR 23.041#0209 Support of a stored language-independent content referenced by a warning message | SyncTechno Inc. | CR 0209 23.041 Rel-16 |  |
|  |  | [C1-200444](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200444.zip) | CR 23.041#0210 Example of Unicode based symbols as the language independent contents mapping to disasters in NOTE | SyncTechno Inc. | CR 0210 23.041 Rel-16 |  |
|  |  | [C1-200446](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200446.zip) | Workplan for ePWS-CT aspects | SyncTechno Inc. | Work Plan Rel-16 |  |
|  |  | [C1-200765](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200765.zip) | handling of ePWS message | Samsung /Grace | CR 0211 23.041 Rel-16 | The CR seems to be related to incoming LS in C1-200226. The incoming LS pertains to Rel-15, and is not part of work item ePWS. |
|  |  | C1-200769 | discussion for concurrent broadcast for CMAS | Samsung R&D Institute UK | discussion 23.041 Rel-16 | Withdrawn |
|  |  | C1-200770 | discussion for concurrent broadcast for CMAS | Samsung R&D Institute UK | discussion 23.041 Rel-16 | Withdrawn |
|  |  | C1-200771 | discussion for concurrent broadcast for CMAS | Samsung /Grace | discussion 23.041 Rel-16 | PostponedDocument was LATE |
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|  | SINE\_5G |  | Peter – Main |  |  | Signalling Improvements for Network Efficiency in 5GS |
|  |  | [C1-200513](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200513.zip) | Work plan for SINE\_5G | Huawei, HiSilicon/Lin | discussion Rel-16 | Revision of C1-198222 |
|  |  | [C1-200514](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200514.zip) | No retry in 4G for PDU session type related 5GSM causes | Huawei, HiSilicon/Lin | CR 1943 24.501 Rel-16 |  |
|  |  | [C1-200547](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200547.zip) | Correction on UE retry restriction on EPLMN | China Telecom, Huawei, HiSilicon | CR 1944 24.501 Rel-16 |  |
|  |  | [C1-200768](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200768.zip) | handling of PDU session authentication  | Samsung/Grace | CR 2026 24.501 Rel-16 | Lena, Thursday, 09:05In 4.9.3, a note should be added stating “The term "non-3GPP access" used in "SNPN is selected over non-3GPP access " is used to express access to SNPN services via a PLMN.”Ivo, Thursday, 09:45the text should either be a NOTE or should be reformulated to be a normative requirement on the UE.Amer, Friday, 20:04The proposed new text is not needed, because the NW and the UE behavior is defined  in sc. 6.4.1.4.1:Lin, Monday, 08:07As the UE cannot distinguish this case from other cases in which #29 can be used, I second what Ivo proposed, to have a NOTE to remind that in this case, retry is not allowed. |
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|  | SAES16 WIs |  | Peter – Main |  |  | Stage-3 SAE protocol pevelopment for Rel-16 |
|  | SAES16 |  | Peter – Main |  |  | General Stage-3 SAE protocol development**Only revision of agreed CRs from the ad-hoc meeting and DISC paper supporting LS possible** |
|  |  | C1ah-200120 | Correcting reference to 5GSM procedures | Ericsson / Mikael | CR 1858 24.501 Rel-16 | Agreed |
|  |  | C1ah-200123 | +CGEV amendment for indicating IP address/type change | MediaTek Inc. / JJ | CR 0681 27.007 Rel-16 | AgreedRevision of C1ah-200091 |
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|  | SAES16-CSFB |  | Peter – Main |  |  | Stage-3 SAE protocol development related to Circuit Switched Fall Back |
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|  | SAES16-non3GPP |  | Peter – Main |  |  | Stage-3 SAE protocol development related to non-3GPP access |
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|  | 5GProtoc16 WIs |  | Peter – Main |  |  | Stage-3 5GS NAS protocol development for Rel-16 |
|  | 5GProtoc16 |  |  |  |  | General Stage-3 5GS NAS protocol developmentOnly revision of agreed CRs from the ad-hoc meeting and DISC paper supporting LS possible |
|  |  | C1ah-200023 | Correction for AUTHENTICATION REJECT handling | Ericsson / Ivo | CR 1785 24.501 Rel-16 | Agreed |
|  |  | C1ah-200032 | Correct “ANSDP” | Intel | CR 1793 24.501 Rel-16 | Agreed |
|  |  | C1ah-200037 | Correction to RAT's that can be scanned after E-UTRAN disable due to no voice service | Samsung/Anikethan | CR 0482 23.122 Rel-16 | Agreed |
|  |  | C1ah-200043 | Emergency service missing condition for performing registration update | Intel / Thomas | CR 0483 23.122 Rel-16 | Agreed |
|  |  | C1ah-200044 | Listing of 5GMM parameters for EMM cause #12 handling | HiSilicon, HiSilicon / Vishnu | CR 3315 24.301 Rel-16 | Agreed |
|  |  | C1ah-200047 | Declare syntactical error when both MFBR uplink and MFBR downlink equal zero | Qualcomm Incorporated | CR 1804 24.501 Rel-16 | Agreed |
|  |  | C1ah-200059 | Correction on NAS transparent container for 5G-4G interworking | Huawei, HiSilicon/Lin | CR 1811 24.501 Rel-16 | Agreed |
|  |  | C1ah-200062 | Trigger for stopping timer T3511 | Huawei, HiSilicon/Lin | CR 1813 24.501 Rel-16 | Agreed |
|  |  | C1ah-200063 | Correction on T3502 for deactivated value | Huawei, HiSilicon/Lin | CR 1814 24.501 Rel-16 | Agreed |
|  |  | C1ah-200066 | EMM cause #22 for resetting registration attempt counter | Huawei, HiSilicon/Lin | CR 3322 24.301 Rel-16 | Agreed |
|  |  | C1ah-200067 | Consistent use of additional 5G security information IE | Huawei, HiSilicon/Lin | CR 1816 24.501 Rel-16 | Agreed |
|  |  | C1ah-200069 | Correction on N26 interface indicator | Huawei, HiSilicon/Lin | CR 3323 24.301 Rel-16 | Agreed |
|  |  | C1ah-200070 | Correction on reference of TS 36.304 | Huawei, HiSilicon/Lin | CR 1818 24.501 Rel-16 | Agreed |
|  |  | C1ah-200072 | Inclusion of 5GSM cause in PDU session release request | Huawei, HiSilicon/Lin | CR 1820 24.501 Rel-16 | Agreed |
|  |  | C1ah-200073 | PDU session establishment reject with 5GSM #29 | Huawei, HiSilicon/Lin | CR 1821 24.501 Rel-16 | Agreed |
|  |  | C1ah-200079 | Acknowledgement of UCU procedure | vivo / Yanchao | CR 1826 24.501 Rel-16 | Agreed |
|  |  | C1ah-200100 | Correction in handling of persistent PDU session during the mobility registration update | Nokia, Nokia Shanghai Bell | CR 1842 24.501 Rel-16 | Agreed  |
|  |  | C1ah-200099 | Procedures for an ETWS/CMAS-capable UE in NG-RAN | Nokia, Nokia Shanghai Bell | CR 0205 23.041 Rel-16 | Agreed |
|  |  | C1ah-200101 | NAS signalling spelling correction | Ericsson / Mikael | CR 1843 24.501 Rel-16 | Agreed |
|  |  | C1ah-200105 | Correction to IEI values | Huawei, HiSilicon /Christian | CR 1846 24.501 Rel-16 | Agreed |
|  |  | C1ah-200107 | Correction to UCU procedure abnormal cases on NW side for a new TAI list | Ericsson /kaj | CR 1848 24.501 Rel-16 | Agreed |
|  |  | C1ah-200113 | Correction to the Mapped NSSAI IE | Huawei, HiSilicon /Christian | CR 1854 24.501 Rel-16 | Agreed |
|  |  | C1ah-200118 | Correction to AT+CLADN string type | MediaTek Inc. / Marko | CR 0682 27.007 Rel-16 | Agreed |
|  |  | C1ah-200124 | S-NSSAI value associated with the BO timer applied for all PLMNs | MediaTek Inc., Qualcomm Incorporated, Huawei, HiSilicon / JJ | CR 1839 24.501 Rel-16 | AgreedRevision of C1ah-200096 |
|  |  | C1ah-200127 | Correcting styles | BlackBerry UK Ltd. | CR 3313 24.301 Rel-16 | AgreedRevision of C1ah-200014**This is now a TEI16 change** |
|  |  | C1ah-200129 | Abnormal case for service request procedure | ZTE | CR 1797 24.501 Rel-16 | AgreedRevision of C1ah-200038 |
|  |  | C1ah-200131 | S-NSSAI as a mandatory parameter for interworking with 5GS | MediaTek Inc. / JJ | CR 1836 24.501 Rel-16 | Agreed Revision of C1ah-200093 |
|  |  | C1ah-200137 | Service Request for PS Data Off | ZTE | CR 1799 24.501 Rel-16 | AgreedRevision of C1ah-200040 |
|  |  | C1ah-200139 | Usage of SoR-AF function | Nokia, Nokia Shanghai Bell /Jennifer | CR 0486 23.122 Rel-16 | AgreedRevision of C1ah-200081 |
|  |  | C1ah-200140 | Update bullet index to include all NAS transport cases | Nokia, Nokia Shanghai Bell /Jennifer | CR 1827 24.501 Rel-16 | AgreedRevision of C1ah-200082 |
|  |  | C1ah-200141 | Correction to 5GMM cause IE | Huawei, HiSilicon /Christian | CR 1847 24.501 Rel-16 | Agreed Revision of C1ah-200106 |
|  |  | C1ah-200145 | Correction to the retransmission timer for the network slice-specific EAP message reliable transport procedure | Huawei, HiSilicon /Christian | CR 1852 24.501 Rel-16 | AgreedRevision of C1ah-200111 |
|  |  | C1ah-200147 | Handling of unsupported SSC mode | Qualcomm Incorporated / Lena | CR 1794 24.501 Rel-16 | Agreed Revision of C1ah-200033Author indicated a revision for Sophia meeting to fix some unlcarity |
|  |  | C1ah-200148 | Matching of SSC mode for association between an application and an existing PDU session | Qualcomm Incorporated / Lena | CR 0069 24.526 Rel-16 | AgreedRevision of C1ah-200034 |
|  |  | C1ah-200151 | Clarification of forbidden PLMN list | vivo | CR 0484 23.122 Rel-16 | AgreedRevision of C1ah-200053 |
|  |  | C1ah-200154 | Correction to sending of EPS NAS message container in Registration Request message | Samsung/Anikethan | CR 1789 24.501 Rel-16 | AgreedRevision of C1ah-200028 |
|  |  | C1ah-200155 | Editorial correction of an input parameter for 5G NAS message integrity protection | Samsung/Anikethan | CR 1786 24.501 Rel-16 | AgreedRevision of C1ah-200025 |
|  |  | C1ah-200156 | Inclusion of PDU session reactivation result error cause IE | Huawei, HiSilicon/Lin | CR 1810 24.501 Rel-16 | AgreedRevision of C1ah-200056 |
|  |  | C1ah-200157 | Deletion of the rejected NSSAI for the current registration area | Huawei, HiSilicon/Lin | CR 1812 24.501 Rel-16 | Agreed Revision of C1ah-200061 |
|  |  | C1ah-200158 | 5GMM cause #22 for resetting registration attempt counter | Huawei, HiSilicon/Lin | CR 1815 24.501 Rel-16 | AgreedRevision of C1ah-200065Author indicated a revision for Sophia to fix a minor aspect |
|  |  | C1ah-200159 | Inclusion of 5GSM cause in PDU session modification request | Huawei, HiSilicon/Lin | CR 1819 24.501 Rel-16 | AgreedRevision of C1ah-200071 |
|  |  | C1ah-200160 | Correction on QoS rule/QoS flow synchronization | Huawei, HiSilicon/Lin | CR 1822 24.501 Rel-16 | AgreedRevision of C1ah-20000074MCC is asked to fix the missing semicolon between “session” and “and” as shown belowthe SMF decides to continue to use the previous configuration of the PDU session and |
|  |  | C1ah-200166 | UE handling of invalid QoS flow description | MediaTek Inc. / JJ | CR 1835 24.501 Rel-16 | AgreedRevision of C1ah-200092 |
|  |  | C1ah-200167 | UE handling of multiple QoS errors in EPS | MediaTek Inc., Qualcomm Incorporated, Ericsson / JJ | CR 1838 24.501 Rel-16 | AgreedRevision of C1ah-200095 |
|  |  | C1ah-200168 | Optional IE description for release assistance indication IE | MediaTek Inc. / JJ | CR 1837 24.501 Rel-16 | AgreedRevision of C1ah-200094 |
|  |  | C1ah-200171 | Correction on NAS COUNT handling for intra-N1 handover | Huawei, HiSilicon/Lin | CR 1824 24.501 Rel-16 | AgreedRevision of C1ah-200077 |
|  |  | C1ah-200172 | Correction on Uplink data status IE coding | Huawei, HiSilicon/Lin | CR 1825 24.501 Rel-16 | Agreed Revision of C1ah-200078Lin, Monday, 16:01 |
|  |  | C1ah-200175 | Correction on payload container of type SMS | Nokia, Nokia Shanghai Bell | CR 1828 24.501 Rel-16 | Agreed Revision of C1ah-200083 |
|  |  | C1ah-200177 | Correcting reference to NAS transparent container IE during S1 mode to N1 mode in 5GMM-CONNECTED mode | Qualcomm Incorporated | CR 1805 24.501 Rel-16 | Agreed Revision of C1ah-200049 |
|  |  | C1ah-200181 | Corrections on 5GMM cause #91 "DNN not supported or not subscribed in the slice" | Nokia, Nokia Shanghai Bell | CR 1834 24.501 Rel-16 | AgreedRevision of C1ah-200090 |
|  |  | C1ah-200187 | Handling multiple QoS errors during a PDU session establishment procedure | Qualcomm Incorporated, MediaTek Inc. / Amer | CR 1807 24.501 Rel-16 | AgreedRevision of C1ah-200051 |
|  |  | C1ah-200190 | Correction on N26 interface indicator | Huawei, HiSilicon/Lin | CR 1817 24.501 Rel-16 | AgreedRevision of C1ah-200068 |
|  |  | C1ah-200191 | Abnormal case for UL NAS TRANSPORT | ZTE | CR 1800 24.501 Rel-16 | AgreedRevision of C1ah-200041 |
|  |  | C1ah-200192 | Mapped EPS bearer contexts deletion | ZTE | CR 1798 24.501 Rel-16 | AgreedRevision of C1ah-200130\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200039 |
|  |  | C1ah-200196 | Corrections on UE-initiated NAS transport procedure initiation | Nokia, Nokia Shanghai Bell | CR 1829 24.501 Rel-16 | AgreedRevision of C1ah-200176\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200084 |
|  |  | C1ah-200201 | Abnormal case handling for 5GMM cause value #90 along with a PDU SESSION MODIFICATION REQUEST message | Nokia, Nokia Shanghai Bell | CR 1840 24.501 Rel-16 | AgreedRevision of C1ah-200097 |
|  |  | C1ah-200203 | Service area restrictons, condition for UE out of allowed tracking area list and RA is missing | Ericsson /kaj | CR 1853 24.501 Rel-16 | AgreedThere was a late request for a revision, some editorialRevision of C1ah-200170\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200112 |
|  |  | C1ah-200205 | Reject non-emergency PDU session request attempt while registered for emergency services | Ericsson /kaj | CR 1845 24.501 Rel-16 | AgreedRevision of C1ah-200104**There was a reservation to raise concerns to this CR in February i.e., to not sending it for CT plenary for approval. Potential issues:*** **make the reason for change (scenario) clearer so implementers would understand the scenario when they need to implement this.**
* **to (re-)consider updating the proposal by using a reject cause different than #90 to the UE.**
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|  |  | C1ah-200208 | Correcting unimplementable condition regarding N26 interworking support detection | BlackBerry UK Ltd., Nokia, Nokia Shanghai Bell | CR 1781 24.501 Rel-16 | AgreedRevision of C1ah-200183\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200086 |
|  |  | C1ah-200211 | Maintain Selected EPS NAS security algorithms during N1 mode to N1 mode handover | Huawei, HiSilicon/Cristina | CR 1784 24.501 Rel-16 | AgreedRevision of C1ah-200197\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200019 |
|  |  | C1ah-200212 | Correction to handling of a PDU session for emergency service at SOR | MediaTek Inc. / Marko | CR 0488 23.122 Rel-16 | AgreedRevision of C1ah-200204\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200202\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200169\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200116 |
|  |  | [C1-200332](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200332.zip) | Handling of unsupported SSC mode | Qualcomm Incorporated / Lena | CR 1794 24.501 Rel-16 | Revision of C1ah-200147 |
|  |  | [C1-200515](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200515.zip) | Deletion of the rejected NSSAI for the current registration area | Huawei, HiSilicon/Lin | CR 1812 24.501 Rel-16 | Revision of C1ah-200157 |
|  |  | [C1-200620](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200620.zip) | Dual-registration requirements for EHPLMNs | Intel, Qualcomm Incorporated / Vivek | CR 1974 24.501 Rel-16 | PostponedNEW CR for this WID, out of scope of the meeting |
|  |  | [C1-200680](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200680.zip) | Reject non-emergency PDU session request attempt while registered for emergency services | Ericsson /kaj | CR 1845 24.501 Rel-16 | Revision of C1ah-200205Lena, Thursday, 09:03It does not seem justified to add the possibility for the AMF to reject a non-emergency PDU session establishment request from an emergency-registered UE with cause “congestion”. In this case, the reject is not due to congestion, it is due to the fact that the UE is emergency-registeredSung, Saturday, 05:50Supports the CrLena, Monday, 00:46Thanks for Additional Info, FINE with the CRKaj, Monday, 10:50All ok |
|  |  | [C1-200719](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200719.zip) | Corrections in specifying reasons for errors | Nokia, Nokia Shanghai Bell | CR 1834 24.501 Rel-16 | Revision of C1ah-200181 |
|  |  | [C1-200631](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200631.zip) | S-NSSAI as a mandatory parameter to support interworking with 5GS | MediaTek Inc., Ericsson / JJ | CR 1836 24.501 Rel-16 | Revision of C1ah-200131 |
|  |  | [C1-200678](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200678.zip) | Service area restrictions, case missing for when UE is out of allowed tracking area list and RA | Ericsson /kaj | CR 1853 24.501 Rel-16 | Revision of C1ah-200203Moved from 16.2.8 |
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|  | 5GProtoc16-non3GPP |  | Peter – Main |  |  | Stage-3 5GS NAS protocol development related to non-3GPP access |
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|  | ATSSS |  | Peter – Main |  |  | CT aspects of Access Traffic Steering, Switch and Splitting support in 5G systemIs TS 24.193 sufficiently stable to be sent to CT#87-e for approval? |
|  |  | [C1-200286](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200286.zip) | ATSSS PCO parameters for 5G-RG | Ericsson / Ivo | CR 3211 24.008 Rel-16 | CR#3211 has a dependency on agreement of pCR in [C1-200287](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200287.zip) or any of its revisionsJoy, Thursday, 09:43CR lacks "MA PDU request" in PCO as specifined in 4.12.3.2 of 23.316:Atle, Thursday,20:55Cover page, issue with the two octet logicRoozbeh, Thursday, 18:03Issues with clause numbering and reference between 286<>287Ivo, Friday, 10:14Explains that the numbering and that 286 can fail in plenary if 287 does not get agreed to RoozbehIvo, Fridy, 11:25Eplains the two octets to atleIvo, Friday, 11:35Explains to Joy, solution limits the amount of ATSSS information in 24.008 and provides the maximum information in 24.193.Roozbeh, Saturday, 02:18Fine as such, asking whether CR cover page can be used to hint at linkeIvo, Monday, 08:58Dependencies will be sorted out via chairman notesAtle, Monday, 14:05Can live with Ivo’s explanation, isn isnot the showstopperJoy, Tuesday, 10:53CR fine, just needs 3bit instead of 2Roozbeh, Tuesday, 16:26Looks ok |
|  |  | [C1-200287](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200287.zip) | Contents of ATSSS PCO parameters for 5G-RG | Ericsson / Ivo | pCR 24.193 Rel-16 | Joy, Thursday, 09:42The definition of ATSSS request PCO parameter in 6.1.x.2 needs to be update according to 5.32.6 of 23.501.The UE ATSSS capability includes:1) ATSSS-LL functionality with any steering mode2) MPTCP functionality with any steering mode and ATSSS-LL functionality with only Active-Standby steering mode3) MPTCP functionality with any steering mode and ATSSS-LL functionality with any steering modeThe definition can consider to follow the way made in C1-200565 from Apple.Rae, Thursday, 10:00ATSSS request IE itself overlaps with the “MA request type”bit because if UE wants to request the PDN connection to be one leg of MA PDU session, ATSSS request IE will be used, vice versa.“MA request type”bit seems unnecessary.Roozbeh, Thursday, 18:04Long list of comments on the proposalAtle, Thursday, 20:50Logice with two octests not optimal as described in “The ATSSS response with the length of two octets PCO parameter container contents are coded as shown in figure 6.1.x.3-1 and table 6.1.x.3-1.”Ivo, Friday, 10:00To Atle .Does this address the comment or would you like me to change the PCO parameter name?Ivo, Friday, 10:51Anwers Roozebhe, is this fine??Ivo, Friday, 10:52To joy, will align with the agreed way forward for C1-200565Ivo, Friday, 12:02Answers Rae, proposes way forward, does it work for Rae?Roozbeh, Satursday, 06:15Asking some clarification on the usage of R-bitRae, Monday, 02:23In my understanding, the “MA PDU request”indication in PCO mentioned in SA2 spec can correspond to the ATSSS request PCO parameter without the “MA request type”bit.If UE wants to establish PDN connection as a leg of MA PDU session, no matter as the first or the second leg, UE will provide ATSSS request PCO parameter in the PCO IE, if not, UE will provide.Joy, Monday, 08:38Further suggestions on how the CR should look likeIvo, Monday, 09:131) in this solution, coding of the ATSSS request PCO parameter in PCO IE depends on values of other IEs present in PDN CONNECTIVITY REQUEST. This is not a good design.2) this solution is not easily extendable to indicate additional MA PDU session related actions, as the coding of the PCO parameter depends on other IEs present in PDN CONNECTIVITY REQUEST and they might be the same for those MA PDU session related actions.If CT1 has preference for such design, I can update the CR but IMO, it is suboptimal solution.Atle, Monday, 14:08If all other are fine with param-names as is, I’m fine aswellIvo, Tuesday, 10:27Updated the CR, rev06 available in drafts, this is according Joy’s proposal |
|  |  | [C1-200288](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200288.zip) | Procedures for establishment of a PDN connection in EPS as a user-plane resource of a MA PDU session | Ericsson / Ivo | pCR 24.193 Rel-16 | Joy, Thursday, 10:065.2.x, 1) and 2) under bullet c): need to update ATSSS capability with steering mode according to 5.32.6 of 23.501.Roozbeh, Thursday, 18:06Not a strong opinion except The text should say an MA PDU session and not a MA PDU session.Atle, Thursday,20:305G-RG only, would it be useful to also identify this from the title of the new subclausesIvo, Tuesday, 10:28Provides a revRoozbeh, Tuesday, 16:29Fine with the draft |
|  |  | [C1-200289](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200289.zip) | PDU session ID usage when the UE is a 5G-RG and requests establishment of a PDN connection in EPS as a user-plane resource of a MA PDU session | Ericsson / Ivo | CR 3326 24.301 Rel-16 | Roozbeh, Thursday, 18:06Not a strong opinion except The text should say an MA PDU session and not a MA PDU session.Ivo, Monday, 08:29Rev in drafts folder, any comments |
|  |  | [C1-200299](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200299.zip) | 5GSM capabilities for MA PDU session | Motorola Mobility, Lenovo | CR 1860 24.501 Rel-16 | Revision of C1-200001C1-200299 and C1-200565 are competingJoy, Thursday, 09:41Understands background, however, there are issues, proposes to merge this CR in C1-200565Roozbeh, Thursday, 22:59That is a good point. I will incorporate the changes and share with Apple to see if they agree to merge the CR.Second part of 299 will be kept and not merged with Apple CrKrisztian, Friday, 04:52Fine to merge part of 299 into his CRRae, Friday, 10:39Fine with the coding, procedure text for interworking to be moved  |
|  |  | C1-200301 | MA PDU session is not supported | Motorola Mobility, Lenovo | CR 1862 24.501 Rel-16 | WithdrawnRevision of C1-200004 |
|  |  | [C1-200303](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200303.zip) | MA PDU session is not supported | Motorola Mobility, Lenovo | CR 1862 24.501 Rel-16 | Revision of C1-200004Joy, Thursday, 16:59One question for clarification:The UE has an MA PDU session established over 3GPP access and then moves to a different PLMN.In this case, Does the UE need to initiate to release the MA PDU session if the UE learns that this network does not support ATSSS during the mobility registration procedure?One comment:In 6.4.1.2, "If the UE is registered to a network supporting ATSSS" is better than "If the network supports ATSSS". Why not use the same wording in the beginning of the three paragraphs?Roozbeh, Thursday, 17:21Regarding your question: This is more based on registration area; meaning if the UE changes the registration area and need to re-register, the UE shall release the related PDU sessions and act appropriately when establishing the new PDU session. Meaning the UE shall not establish any MA PDU session if it does not receive any indicator from the network supporting MA PDU session.Regarding your comment; that is fine with meKrisztian, Friday, 06:30Provding some commentsRae, Friday, 07:45Why to mandate UE to provide whether network supports ATSSS to the upper layers, especially in the case that UE only supports ATS-LLRoozbeh, Friday, 21:39To Krisztianbullet 1) no to the wordingbullet 2) okbullet 3) some concernsRoozbeh, Friday, 22:00Explains to Rae, why he has chosen, existing wording in 24.501Rae, Monday 03:00Even upper layer(application layer) does not know whether the network supports ATSSS and triggers 5GSM to establish MA PDU session, the 5GSM can still stop sending the signaling. This not sending behaviors at 5GSM are already included in the same CR.Roozbeh, Monday, 23:03To rae, The CR is for the case when the registration area sends an indicator on the NAS layer to the UE, that the ATSSS has supports. The UE when receiving this, will forward it to the upper layer. Now the upper layer does not initiate any MA PDU session since the  registration area does not support the MA PDU session.Rae, TUesay, 04:50Agrees with most of the changes, requests an additional change in the CRJoy, Tuesday, 07:52In the end, SA2 agreed Ericsson's solution which defining ATSSS indication provided by the AMF during the registration procedures. The reason why this solution won is because it based on the assumption that support of ATSSS is homogeneous in a PLMN. With this assumption, this solution is the most easy and clear way |
|  |  | [C1-200313](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200313.zip) | Comparison of solutions for performance measurement function (PMF) protocol | Ericsson / Ivo | discussion Rel-16 |  |
|  |  | [C1-200314](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200314.zip) | Performance management function protocol | Ericsson / Ivo | pCR 24.193 Rel-16 | Revision of C1-200110Alternative to C1-200655Peter, Monday, 19:46I have not seen much of discussion on the protocol for ATSSS Performance Measurement Function Protocols where we have competing CRs in C1-200655 (Apple) and C1-200314 (Ericsson).f the situation does not change (e.g. one company withdrawing), then we will postpone both CRs out of the meeting and try resolving this in the next meeting.Krisztian, Monday, 19:57Agrees with Peter |
|  |  | [C1-200396](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200396.zip) | MA PDU session and one set of QoS parameters | Ericsson / Ivo | CR 1896 24.501 Rel-16 | Atle, Thursday, 21:03Problems with how requirements are written, wants some rephrasingIvo, Friday, 09:14Provides some suggestion on rephrasingAtle, Friday, 09:58Fine with the rewording wants a NW mentionedIvo, Monday, 08:17please see a draft revision of C1-200396 in drafts, Changes:- it is clarified that the UE accepts modification or deletion received via either access.Any comments?  |
|  |  | [C1-200404](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200404.zip) | Minor Correction to ATSSS container IE desciption | China Mobile | CR 1903 24.501 Rel-16 |  |
|  |  | [C1-200406](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200406.zip) | Minor Correction to Traffic descriptor component type identifier of ATSSS rules | China Mobile | pCR 24.193 Rel-16 | Roozbeh, Thursday, 18:17This is not one-to one mapping with the table in 24.526. Connection capability needs to be reasoned. I do not think there is any need for it for the ATSSS.Xu, Friday, 03:57Asks two questions from RoozbehRoozbeh, Friday, 19:43So all I can say that mapping is not one-to one and as long as I am aware the connection capabilities are applicable for URSP but not for ATSSS, unless you can provide a reason why it should be thereXu, Saturday, 15:01Defending the case replying to RoozbehRoozbeh, Sunday, 00:27, I do not think you can justify the need for connection capabilities for ATSSS as to avoid having separate lists in PCF for URSP and ATSSS (If that is what you meant in your mail). As I pointed out in my previous mail, you need to educate SA2 or CT1 why the connection capability is needed for ATSSS. If you have a reason for that then you need to describe it in a discussion paper or cover page as in SA2 or CT1. I am not trying to make this difficult. I simply do not see any motivation in your CR for it, except mapping to URSP list which is not a valid reason , IMHO.Xu, Sunday, 06.50Still discussing with RoozbehLazraros, Sunday, 16:52reference to 24.526 has to be preservedConnection capabilities were discussed within CT1 and considered not applicable to ATSSSJoy, Sunday, 17:37Existing wording with ref to 24.526 brings confusionSome proposal for reworded textRoozbeh, Sunday, 23:31To Joy, proposal may imply that the traffic descriptor is different in TS 24.193 than from TS 24.526, which is not trueSome potential way forward describedXu, Tuesday, 03:11Thanks to Lazaros, think a bit further about the CR |
|  |  | [C1-200413](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200413.zip) | Removing editor's note | Motorola Mobility, Lenovo | pCR 24.193 Rel-16 | Partially overlapping with C1-200459Atle, Thursday, 17:15Note that this Editor’s Note also is removed by C1-200459.Roozbeh, Thursday, 18:23No issue to remove the editor’s note. Just remove one of them so it does not collide with C1-200413.Joy, Sunday, 16:45Asking to see what the outcome of 0459 is before any revision is done because of overlap |
|  |  | [C1-200414](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200414.zip) | MA PDU session is not supported | Motorola Mobility France S.A.S | pCR 24.193 Rel-16 | Atle, Thursday, 21:06introductory clause like 4.1 to be informativeRoozbeh, Thursday, 21:16Hints at cases with mandatory text in introductory clauses of other specs, no better place for itKrisztian, Friday, 07:09Cover page to go away, and suggestionsRoozbeh, Friday, 21:53Accepts some of the comments, but not allRoozbeh, Saturday, 23.51Will use pCR templateKrisztian, Sunday, 21:11the wording "any PDU session related to the ATSSS” potentially confuses the reader in an Introduction section, so it’s better to just reference 24.501 for the complete description.Lazaros, Sunday, 23:01We do not see the need for this CR as is, since 1) most of the information mentioned exists already in 23.5012) the purpose of section 4 was to be informativeMore explanationPRoviddes a shortened version that would be acceptable in draftsRoozbeh, Sunday, 23::11To Krisztian, provides a compromise, how aboutIf the UE does not receive the indication for the ATSSS capability from the AMF, the UE shall not initiate 1. an MA PDU session; or
2. a single access (SA) PDU session which can be upgraded by the network.
 |
|  |  | [C1-200456](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200456.zip) | Discussion on handling of clause 5.2 of TS 24.193 | ZTE / Joy | discussion Rel-16 | Related to CRs in C1-200457, C1-200458 and C1-200459, describes two alternativesAtle, Thursday, 17:13This topic has a knock on effect on other CRs to this meeting, thus I think that we must attempt conclusion on where to specify this as soon as possible.Generally speaking, if we can justify to specify a new feature in a TS of 25 pages versus a TS of 625 pages, the smaller TS is as I see it preferable.Looking at the current version of TS 24.193, it looks like we can justify this text in TS 24.193. I do not think the clauses in question look misplaced. Consequently I **am in favor of keeping these subclauses in TS 24.193 and only remove the EN in TS 24.193 clause 5.2**.Roozbeh, Thursday, 17:24Seconds Atle, keep in 24.193Roozbeh, Thursday, 18:21**Suppot to keep text in 24.193**Joy, Friday, 04.51Can go either way, but Christian and Jennifer preferred 24.501 approach, as asked for feedbackLazaros, Monday, 00:02Nokia prefers to move text to 24.501Joy, Monday, 09:55ZTE soupports moving to 24.501Atle, Monday, 16:15Concerned about shifting this to 501Roozbeh, Monday, 22:26Keep text in 24.193Krisztain, Tuesday, 00:40Keept text in 24.193Joay, Tuesday, 02:42Explaining while moving text to 24.501 is possibleChen, Tuesday, 14:55Keep this in 24.193NO to alternative 1Joy, Tuesay, 16:11Acknowledging email from Chen |
|  |  | [C1-200457](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200457.zip) | Move the content of clause 5.2 out of TS 24.193 | ZTE / Joy | pCR 24.193 Rel-16 | Alternative 1 described in C1-200456Atle, Thursday, 17:14See my comments to [16.2.5\_C1-200456]I think this text is useful in TS 24.193 and **I do not agree with this CR.****Christian, Saturday, 15:38****Supports this, text needs to go to 24.501**add both Huawei and HSilicon as co-signers of any revision of C1-200457 and C1-200458 |
|  |  | [C1-200458](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200458.zip) | Introduction of multi-access PDU connectivity service | ZTE / Joy | CR 1920 24.501 Rel-16 | Alternative 1 described in C1-200456Atle, Thursday, 17:14See my comments to [16.2.5\_C1-200456]I think this text is useful in TS 24.193 and **I do not agree with this CR.****Christian, Saturday, 15:38****Supports this, text needs to go to 24.501**add both Huawei and HSilicon as co-signers of any revision of C1-200457 and C1-200458 |
|  |  | [C1-200459](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200459.zip) | Remove editor's notes | ZTE / Joy | pCR 24.193 Rel-16 | Alternative 2 described in C1-200456Partially overlapping with C1-200413Atle, Thursday, 17:15I support removing the Editor’s Note in 5.2, as I think this text is useful in TS 24.193For the Editor’s Note in 5.2.4, this EN is also removed by C1-200413Krisztian, Friday, 07:18Supports this CRCristian, Saturday, 15:45we are against agreeing C1-200459Roozbeh, Thursday, 18:21[16.2.5, C1-200456, C1-200457, C1-200458]Zprefer to keep the clauses in 24.193. No need to move them. With that I think the related CRs can be withdrawn. |
|  |  | [C1-200461](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200461.zip) | Clarification on multi-homing and UL-CL funtionalities in MA PDU Session | ZTE / Joy | pCR 24.193 Rel-16 |  |
|  |  | [C1-200565](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200565.zip) | ATSSS Non-MPTCP traffic support | Apple | CR 1948 24.501 Rel-16 | C1-200299 and C1-200565 are competingMikael, Thursday, 12:39I think it makes sense to limit the setting of ATSSS support indication as proposed in Motorola CR (C1-200299): “If the UE requests to establish a new MA PDU session or if the UE requests to establish a new PDU session and the UE allows the network to upgrade the requested PDU session to an MA PDU session”I propose to use one parameter with sufficient codepoints to cover the needed indication alternatives, rather than 3 individual one bit indications. With proposed separate indications there will be several invalid setting combinations that need to be evaluated and handled whereas a combined parameter limits such cases. Maybe a two bit parameter is sufficient?Roozbeh, Thursday, 18:31Comments via attachementKrisztian, Friday, 05:52Agrees with comments from Mikael, rev in the drafts folderRae, Friday, 07:35Comments questions on the revision, go with existing 2 bitsKrisztian, Friday, 07:50Asking Rae to check the rev in the drafts boxMikael, Friday, 10:52Rev5 almost fine, some minor commentRoozbeh, Friday, 22:13Some changes requested for the start of the change in subclause 6.4.2.2 and then delete the paragraph coming after the changesWants to see a condition (is in the rev, )Supports MikaelKrisztian, Sunday, 21:59Provides new rev in drafts, asking whether this is goodLazaros, Sunday, 23:56Additional suggestionsKrisztian, Sunday, 00:35New rev, asking Lazaros whether this is finJoy, Tuesday, 10:21Two bits is not enough for future extensions |
|   |  | [C1-200567](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200567.zip) | ATSSS Non-MPTCP traffic support | Apple | pCR 24.193 Rel-16 | Roozbeh, Thursday, 18:31Coments on cover pageKrisztian, Sunday, 23:58Fine with comments, fixed them, changed some bullets |
|  |  | [C1-200627](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200627.zip) | Considering allowed NSSAI when establishing MA PDU session | MediaTek Inc., ZTE / JJ | CR 1976 24.501 Rel-16 | Mikael, Thursday, 13:29change ”is allowed to” to “may”JJ, Friday, 04:54Fine with comment form MikaelLazaros, Friday, 23:08Could you please elaborate on your intention with this CR? ……. Prefers previous versionJJ, Monday, 04:11Answers to Lazaros, is this fine? |
|  |  | [C1-200628](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200628.zip) | UE Handling upon receipt of PDU session release command | MediaTek Inc. / JJ | CR 1977 24.501 Rel-16 | Lazaros, Friday, 23:09Commenting 1) In 6.3.3.1 ”if the PDU session is an MA PDU session” to be added2)” and the UE shall create a PDU SESSION RELEASE COMPLETE message” to be added.3) Editorials in b) is->are not available, shall further processJJ, Monday, 04:12Will take comments from Lazaros on boardSangMin, 01:21We need to distinguish two cases: release of the PDU session and release of the user plane resources (for the PDU session).But the Cr mixes the case.JJ, Monday, 07;25Explains the case to SangMin, pls confirm this addresses the concernsSanMin, Tuesday, 10:50Concrete proposal for rewording |
|  |  | [C1-200629](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200629.zip) | Correction of release of user-plane resources | MediaTek Inc. / JJ | pCR 24.193 Rel-16 | Roozbeh, Thursday, 18:37EditsJJ, Frieday, 04.43Fine with Roozbeh commentSangMin, Monday, 01:27Similar concerns as expressed for C1-200628 are also applied to this pCR.We need to distinguish two cases: release of the PDU session and release of the user plane resources (for the PDU session).According to the stage 2, it is clear that the PDU session release procedure actually \***release**\* the PDU session, and when it is MA PDU, it will release the PDU session for all access or over a single access. And if the user plane resources have to be released for MA PDU session (for one or both accesses), it shall be done via the CN-initiated deactivation of UP connection procedure (not NAS procedure).So in your pCR, you seems to mix both cases.JJ, Monday, 08:14Explains to SangMin.. this pCR is proposed to distinguish the two cases, i.e.,  release of the PDU session and release of the user plane resource.FYI, the access type IE is included in PDU SESSION RELEASE COMMAND (in TS 24.501 CR#01500) for the second case.Your comments and suggestions are welcome, thanks a lot. |
|  |  | [C1-200630](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200630.zip) | Correction of "a different PLMN" | MediaTek Inc. / JJ | pCR 24.193 Rel-16 |  |
|  |  | [C1-200655](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200655.zip) | ATSSS Performance Measurement Function Protocols and Procedures | Apple, Deutsche Telekom, Charter Communications | pCR 24.193 Rel-16 | Revision of C1-199051Alternative to C1-200314Ivo, Thursday, 09:48refers to IETF draft-ietf-ippm-stamp-option-tlv-03 which does not exist. Thus, the solution cannot be reviewed.Krisztian, Friday, 17:58is available at: <https://tools.ietf.org/html/draft-ietf-ippm-stamp-option-tlv-03>Peter, Monday, 19:46I have not seen much of discussion on the protocol for ATSSS Performance Measurement Function Protocols where we have competing CRs in C1-200655 (Apple) and C1-200314 (Ericsson).f the situation does not change (e.g. one company withdrawing), then we will postpone both CRs out of the meeting and try resolving this in the next meeting.Krisztian, Monday, 19:57Agrees with Peter |
|  |  | [C1-200747](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200747.zip) | service request for multiple access PDU session  | Samsung /Grace  | pCR 24.193 Rel-16 | Roozbeh, Thursday, 18:50why is it important that the UE must be registered in different PLMNs and why this cannot be generic? If it can be generic then to me this is covered by bullet a and bLazaros, Friday, 23.08We do **not see the need for the CR**. As described in "4.22.7 Adding / Re-activating / De-activating User-Plane Resources of TS 23.502 re-activation is always the same.SangMin, 01:08don’t understand what “confirm the same PDU session ID activated on the other access” means, and why this is required.So in bullet y), 1) seems not needed. |
|  |  | C1-200760 | ATSSS 5GSM capability indication | Nokia, Nokia Shanghai Bell | CR 2024 24.501 Rel-16 | WithdrawnLATE |
|  |  | C1-200789 | Clarification on link-specific address/prefix | ZTE / Joy | pCR 24.193 Rel-16 | Revision of C1-200460\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Roozbeh, Thursday, 18:21Can be withdrawn, see comment on 458Krisztian, Friday, 07:29Some rewording of a NOTEJoy, Sunday, 16:49Ok with Krisztian suggestinKrisztian, Sunday, 21:16There was problems with the email subject, fine now with Joy’s reply |
|  |  | [C1-200807](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200807.zip) | MA-PDU session activation in Restricted Service Area | InterDigital / Atle | pCR 24.193 Rel-16 | Revision of C1-20799\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-200317\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-200112Mikael, Thursday, 13:23CR seems to introduce a new term: “MA-PDU session establishment procedure”. Could we either add a definition, or maybe better, reword to e.g.:“PDU session establishment procedure for an MA PDU sessionAtle, Thursday, 16:00Agrees that something needs to be done, provides some optionsMikael, Thursday, 16:48Would it make sense to align with wordigin in 24.501Roozbeh, Thursday, 17:04This to me is not specific to ATSSS. It seems to belong perhaps to 24.501 or 24.502. Moreover, the wording seems to be stage 2ish.Roozbeh, Thursday, 18:14Repeats some commentsAtle, Thusrday, 18:14Acks MikaeKrisztian, Friday 06:56Also vote for "UE-requested PDU session establishment procedure for MA PDU session”.Roozbeh, Friday, 07:42Moreover the content of the CR seems to be against what the highlighted text in yellow says. The CR proposes that the UE may initiate a PDU session in non-3GPP access vs. this stage two does not allow that and only allow the UE to act upon notification. Is there any other related concept in stage 2 which I have missed?Atle, Friday, 08:37Don’t agree that this is stage-2 wording, gives examples, asks for concrete proposal from RoozebehRoozbeh, Fridday, 21:02Some comments/ …**should be first resolved in either SA2 or 24.502 or 24.501**. Note that I am not against to have something like that in the ATSSS, but I do not understand why it should be structured and prioritized as you are proposing.Just a question if this was brought up in SA2 before? I asked my “people” but they didn’t recall.Atle, Monday, 13:51Announcing that this will be revised to 799, all comments taken on boardAtle, Monday, 13;51Atle, Mopnday, 13:52Explaining the reationale to Roozbeh, hope this addresses the concernMikael, Monday, 14:19Is Fine Atle, Monday, 14:30Acknowledging to Mikael that there are some nits, however, would like that 24.193 rapporteur takes them on boardMikael, Monday, 14:48Fine if Joy can do thisAtle, Monday, 15:09Indicate the rev is 807Joy, Monday, 16:08Will correct all the spelling problems in the specRoozbeh, Monday, 19:25Still asking questionsCan the UE in the same circumstance establish a single access PDU session?2- Can the UE in the same circumstance establish a single access PDU session and also allows the network to upgrade it to MA PDU session?If not, then I am wondering why? If yes, then the first bullet is not specific to ATSSS and should be in TS 24.501 or TS 24.502.Please share your opinionAtle, Monday 21:33Explaining to Roozebeh, why this is ATSSSRoozbeh, Tuesday, 03:44Some explanation, . I have no comment on you latest revision. |
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|  | eNS |  | Peter – Main |  |  | CT aspects on enhancement of network slicing |
|  |  | [C1-200393](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200393.zip) | Adding NSSAA result indication into Network slicing indication IE of the CONFIGURATION UPDATE COMMAND message | China Telecommunications | CR 1894 24.501 Rel-16 | Frederic, Thusday, 18:47Editorials, cover pageShzehn Friday, 11.15Will revise once more coments are thereRicky, Friday, 12:14Challenges the need The **CR needs to be rejected, not needed**Kaj, Friday, 17:35more or less the same view as Ricky.The **CR should not be agreed****Vijay(Apple), Monday, 04:26** **do not see a necessity for this change**. The result of NSAAA would be communicated appropriately via the Allowed and Rejected NSSAI in CONFIGURATION UPDATE COMMAND. Thus, there is no extra benefit of having an additional indicator added in Network Slicing Indication.Sung, Monday, 19:33Agrees with Ricky, Fei, Vijay, **not needed** |
|  |  | [C1-200394](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200394.zip) | Adding NSSAA failed or revoked to 5GSM and 5GMM cause IE | China Telecommunications | CR 1895 24.501 Rel-16 | Frederic, Thursday, 18:53Cover pageXu, Friday, 03:21Asks for clarificaitonon defining new causeShuzeh, Friday, 11:39Sees new 5GMM cause as needed, what would be alternativeFei, Friday, 11:40#62 could be sufficientIf a new cause is introduced, UE behaviour needs to be specifiedAni, Friday, 12:08Agrees with Fei, #62 is sufficientXu, Friday, 15:35Sees now the idea of the CR, still some questionsSung, Sunday, 21:56Introduction of new 5GMM and 5GSM cause values is not justified, what would it bringRoozbeh, Monday, 20:23Cause value #62 should cover the 5GMM caseFor 5GSM case,  please see the Cr in C1-200415 if it covers your purpose. |
|  |  | [C1-200399](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200399.zip) | Update to registration procedure due to eNS | vivo / Yanchao | CR 1899 24.501 Rel-16 | Kaj, Thursday, 11:08problems to identify a scenario that motivates the proposal.…….Given this, an AMF that receives a S-NSSAI in requested NSSAI that has the status “not-authorized” have to initiate a re-NSSAA procedure following the registration accept message (with the S-NSSAI in the pending NSSAI).Yanchao, Thursday, 12:31Explains to Kaj, why the CR is correctKaj, Thursday, 21:29Agrees with some of Yanchao’s explanation, more questionsI’m not yet fully convinced but we are closer.Yanchao, Friday, 05:13Explains rational, Kaj, are you OK?Sunge, Monday, 18:13**I do not think that** **the stage 2 requirement** on the UE context in AMF including the result of the NSSAA **justifies changes in this CR****Yanchao, Tuesday, 09:39****Explaining to Sunge why the CR is justified**Fei, Tuesday, 10:23Motiviation is fine, but wants to see rewordingTsuyoshi, Tuesday, 13:30Does not want to take Fei’s proposal on boardKaj, Tuesday, 15:40Intension goes in right direction, but there need to be more changesYanchao, Tuesay, 15:58Offers “optionally” to kajKaj, Tuesday; 17:12Optionally works, CR is fineSung, Tuesday, 17:45“Optionally” works |
|  |  | [C1-200401](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200401.zip) | Definition of Rejected NSSAI due to the failed and revorked NSSAA  | vivo / Yanchao | CR 1901 24.501 Rel-16 | Merged in C1-200352 and its revsionsMail from Yanchao, Saturday, 07:19Covered by C1-200352. |
|  |  | [C1-200354](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200354.zip) | Correcting condition for Network Slice-Specific Authentication and Authorization | Samsung Electronics Polska / Ricky | CR 1890 24.501 Rel-16 | Merged into C1-200697 and its revisionsCovered by C1-200697Ricky, Thursday, 15:39**Fine to merge this CRinto 697** |
|  |  | [C1-200405](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200405.zip) | Updating requirements and descriptions of NS for NSSAA | China Mobile | CR 1904 24.501 Rel-16 | See also C1-200352 |
|  |  | [C1-200407](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200407.zip) | Clarification of T35xx timer during Network slice-specific authentication and authorization procedure | LG Electronics / Sunhee Kim | CR 1905 24.501 Rel-16 | Merged into C1-2007901 and its revisionsCovered by C1-200432Sunhee, Tuesday, 10:19Fine to merge into rev of 791 |
|  |  | [C1-200415](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200415.zip) | Network-requested PDU session release due no longer available S-NSSAI | Motorola Mobility, Lenovo, China Mobile | CR 1906 24.501 Rel-16 | See also C1-200395, 0704, 0695Three different proposals in C1-200704,0695 and C1-200415Atle, Friday, 07:50Not clear why the existing code point is not enough, why a new cause code is needed Ani, Fridy, 12.15Same conern as with 7045GSM cause would not be needed due to the following reasons:Roozbeh, Saturday, 00:04To Atle, reason for need the cause value in 5GSM is that the  PDU session is already established and the SMF releases the PDU session. Looking at 5GSM cause value, we could not find one we could use and therefore a new one was proposedLin, Monday, 11:16Agrees with Ani, IMHO, the locally release could work well without providing any cause value as I do not see any existing cause value is appropriate for this case.Atle, Monday, 15:15Not yet convincedI agree that some SM-cause must be communicated to the UE as the cause is a mandatory IE, but in my view, an important point is to secure that a slice that is not any longer appropriate to use must be moved to the rejected NSSAI. This is done by the “Rejected NSSAI”.Is this done in a separate CR to this meeting, or is the intention to only convey to the UE a SM-cause and don’t use the “rejected NSSAI”?Roozbeh, Monday, 20:20To atle, see your point and I can incorporate your comment if you believe there is a need for it in this CR. I have not submitted any other CR than this otherwise**Sung, Monday, 20:46**agree that performing a local release on both sides should work. I would like to draft an LS to SA2 cc-ing CT4 for stage 2-stage 3 synchronization.LS number??Atle, Monday, 21:06how we can handle tearing down of a context with the cause-values provided by SM and additionally taking into account the cause-codes in rejected NSSAI as needed. As I see it, your CR is currently covering the 1st part. **Some statements on the 2nd aspect would be good**.Roozbeh, Monday, 22:37To Atle, however, not addressing the 21:06 emailOn the second thought, wasn’t your comment already covered with last meeting’s CR that the NAS MM signaling will convey the rejected NSSAI with the appropriate cause value (e.g. due to NSSAA failure or revocation)? IF that is the case so nothing else needs to be done. This CR is for a general 5GSM cause value for unavailable slice.Fei, Tuesday, 03:42Agrees with whate Ani saidKaj, Tuesday, 08:09Now a number of companies propose, related to NSSAA to use local release at the UE and the NW which is not aligned with stage 2.**I don’t see why we should have different handlingsfor similar case depending on NSSAA or not.**Andto my understanding it is not possible to change legacy NW slicing aswill break backward compatible.Ani, Tuesday, 11:36Considering these, it looks right for the UE and the SMF to simply release the PDU sessions locally based on the updated allowed/rejected NSSAI.Tsuyoshi, Tuesday, 13:05UE to be able to understand the cause of release (req from SA2)If an LS out, then ask “why” instead of saying “we don’t need it”Network needs to release RAN resources anyway |
|  |  | [C1-200428](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200428.zip) | Work Plan for eNS in CT1 | ZTE | Work Plan Rel-16 |  |
|  |  | [C1-200429](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200429.zip) | Deleting Editors note regarding indefinite wait at the UE for NSSAA completion | ZTE | CR 1912 24.501 Rel-16 | See also C1-200494.Different proposals.Related to the outgoing LS in C1-200434Atle, Friday, 08:03Deleting EN without solution not acceptable, 494 provides a solutionFei, Friday, 08:31am not convinced that the timer in the UE is needed. Since when the NSSAA procedure is completed, the AMF will inform the result to the UE either in the allowed NSSAI or the rejected NSSAI.  Then the UE will remove the pending NSSAI. Based on this, the EN can be easily removed. There is no addtional work required in CT1. Lin, Friday, 10:14Want a network solution, potentially a NOTE could do Fei, Friday, 1032NOTE is fine for FeiSung, Monay, 19:13Note is fine |
|  |  | [C1-200462](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200462.zip) | Name of the rejected NSSAI cause values | vivo | CR 1921 24.501 Rel-16 |  |
|  |  | [C1-200494](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200494.zip) | Prevention of indefinite wait for completion of the network slice-specific authentication and authorization procedure | InterDigital / Atle | CR 1929 24.501 Rel-16 | See also C1-200429.Fei, Friday, 1032Clarifiyin gin NOTE is fine for FeiSung, Monay, 19:13Note is fine |
|  |  | [C1-200509](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200509.zip) | Requested NSSAI creation from configured NSSAI excluding pending NSSA | Huawei, HiSilicon/Lin | CR 1939 24.501 Rel-16 | See also C1-200724Mahmoud, Friday, 20:42Our view is aligned with what is proposed in C1-200724 but it requires other updates, updates are all givenSung, Monday, 21:28My view is also more aligned with C1-200724 than C1-200509Lin, Tuesday, 05:30Acknowledges that the scenarios are very complex and the a DISC paper might be needed |
|  |  | [C1-200510](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200510.zip) | Remove mobility restriction after NSSAA | Huawei, HiSilicon/Lin | CR 1940 24.501 Rel-16 | Merged into C1-200602 and its revsionsSee also C1-200602Lin, Friday, 03:40Wants to merge 510 into 602 |
|  |  | [C1-200511](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200511.zip) | ENs resolution for revoked or failed NSSAA | Huawei, HiSilicon/Lin | CR 1941 24.501 Rel-16 | See also C1-200683, C1-200694 |
|  |  | [C1-200512](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200512.zip) | Consistent name for NSSAA | Huawei, HiSilicon/Lin | CR 1942 24.501 Rel-16 |  |
|  |  | [C1-200572](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200572.zip) | EPS selection when the UE is deregistered due to NSSAA failure | Samsung/Kundan | CR 1950 24.501 Rel-16 | Fei, Thursday, 09:43Understands motivation, However I do not think the change is requiredSunhee, Friday, 09:05Therefore, I think that It is not recommended to specify only one case.Also, I think it is technically unnecessary.Sung, Saturday, 05:10Same as FeiKundan, Monday, 07:37Wants to understand, where the case would already be covered (from Fei)Fei, Monday, 07:54Explains to KundanKundan, Monday, 08:09To SunheeIn general, when the UE receives any cause value in a NAS message, the EPS behaviour is also specified. Here in the cause code handling nothing has specified. We should give indication to the implementer that the UE may select E-UTRAN to connect to EPS as the UE may have EPS service. |
|  |  | [C1-200574](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200574.zip) | Handling of NSSAA at non suppoting AMF | Samsung/Kundan | CR 1951 24.501 Rel-16 | Fei, Thursday, 09:58As commented during the last meeting, **this should be resolved in the CT4 spec**.If the AMF does not support the eNS, then the UDM shall not send the corresponding S-NSSAI to the AMF. This is also clarified in the 23.501.Kaj, Thursday, 10:26If the AMF does not support NSSAA then no related NSSAA at all will be performed.In addition, the UDM shall not send S-NSSAIs subject to NSSAA to non-NSSAA-supporting AMF according to 23.501.Kundan, Thursday, 11:04Replies to KajKaj, Thursday, 11.15Clarifies a question from Tsuyoshi, not shown in my inboxKundan, Thursday, 11:18Replies to FeiKaj, THursdy, 11:20Not convinced by Kundan’s reply, sees an update of AMF-UDM interface needed -> but that is CT4Sunhhe, Friday, 09:45I would like to understand what scenario can be happened. Could you clarify the scenario mentioned in this CR ?Sung, Sunday, 02:28Same view as KajKundan, Monday, 06:57Explaining the case, If other delegates have similar understanding as me the then I withdraw the CR.Tsuyoshi, Monday, 08:16For my clarification, one is saying that UDM can not handle such issue because it does not know whether or not the AMF support NSSAA. And another is saying AMF can not handle such issue because non NSSAA capable AMF has no clue about it. Is my understanding correct that we have an issue but this is not under CT1's responsibility?Sung, Monday, 21:54but the issue occurs because a network deployer does not pay enough attention for the warning that is in the spec |
|  |  | [C1-200575](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200575.zip) | PDN connection establishment and NSSAA | Samsung/Kundan | CR 1952 24.501 Rel-16 | Fei, Thursday, 10:06The CR requires the UE to remember the S-NSSAIs in the pending NSSAI even when the UE receives the allowed NSSAI to replace the pending NSSAI. **I did not see any requirement on this**.Additionally, the stage 2 requirement is only about the SMF/PGW behaviour and the PGW can reject the PDN connection establishment procedure in the S1 mode**. There is no requirement on the UE side for this issue.****Sung, Saturday, 05:14**Agrees with Fei, furthermore, how is the association between DNN and S-NSSAI stored in the UE? Do you mean URSP? Is it used by the UE is S1 mode?Kundan, Monday, 12:23Answers to Fei and SungSung, Monday, 22:29Asking for more clarifity, is there any text that URSP can be used in EPS. Second, even if URSP can be used in EPS, this idea should impact 24.526, not 24.501.Fei, Tuesday, 02:56I am still NOT convinced that the CR is needed. |
|  |  | [C1-200576](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200576.zip) | NSSAA revocation function | Samsung/Kundan | CR 1953 24.501 Rel-16 |  |
|  |  | [C1-200577](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200577.zip) | Intersystem selection procedure when all allowed S-NSSAI are subject to NSSAA | Samsung/Kundan | CR 1954 24.501 Rel-16 | Fei, Thursday, 10:08CR requires the UE to remember the S-NSSAIs in the pending NSSAI even when the UE receives the allowed NSSAI to replace the pending NSSAI. I did not see any requirement on this.After the UE received the allowed NSSAI, then UE does not know which S-NSSAI is subjected to the NSSAA procedure.**Therefore the CR is not needed****Sung, Saturday, 05:34****Agrees with Fei, Not just for NSSAA, there are other cases in which no PDU session can be continued in S1 mode, e.g. all PDU sessions are related to DNN or IPv6 multi-homing. Even for those cases, we have not specified any specific UE behavior like this.** |
|  |  | [C1-200579](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200579.zip) | Correction related the rejected NSSAI due to the failed or revoked NSSAA | SHARP | CR 1955 24.501 Rel-16 | See also C1-200352.YOki, Tuesday, 09:39Rev in the folder, takes out overlap with 00352 |
|  |  | [C1-200582](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200582.zip) | Correction UE behaviour when the UE recives the pending NSSAI | SHARP | CR 1958 24.501 Rel-16 |  |
|  |  | [C1-200584](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200584.zip) | Correction related the rejected NSSAI | SHARP | CR 1960 24.501 Rel-16 |  |
|  |  | [C1-200601](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200601.zip) | Discussion on eNS | BEIJING SAMSUNG TELECOM R&D | discussion  | Lin, Friday, 02:40 Comments for all the proposals,  |
|  |  | [C1-200604](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200604.zip) | Re-initiation of NSSAA for a registered UE | BEIJING SAMSUNG TELECOM R&D | CR 1972 24.501 Rel-16 | Fei, Thursday, 10:15not happy to add the Editor' note for this issue at the current stage. If some work is required for the impact on the 5GSM procedure in the next meeting, then CAT F can be used for the essential correction.Tsuyoshi, Thursday, 10:56CR comes from discussion paper C1-200601(Proposal 4). And looking at "To avoid this unnecessary signalling, these S-NSSAIs can be indicated as pending NSSAI and sent to the UE with the Configuration Update Command message." in the discussion paper, we share the same view as Mahmoud. And, C1-200694 (NEC) is proposing a solutionMahmoud, Thursday, 17:53Regarding the EN in my CR, I can revise the CR as indicated in the discussion paper i.e. send a pending NSSAI to the UE containing the S-NSSAIs for which NSSAA is to be re-initiated.I understand NEC (Tsuyoshi) has a similar proposal which I am also fine to purse if the necessary changes are captured.Happy to merge with Tsuyoshi if some changes are madeLin, Friday, 02:40Believes CT1 can proceed without EN and provides a proposalMahmoud, Friday, 04:21I am fine with the proposal of using the pending NSSAI and therefore the UE will not send any 5GSM request for any of the S-NSSAIs in the pending NSSAI.However, thinking more about it, I believe the only exception to this would be that the UE should be allowed to release the PDU session if triggered by the UE. The release should be allowed since: a) if NSSAA succeeds, the UE will be allowed to send a request to release, or b) if NSSAA fails, the session will anyways be released by the network.Please let me know your comments on this and we can avoid the EN and perhaps move forward with NEC’s paper. |
|  |  | [C1-200605](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200605.zip) | Additional triggers for deletion of pending S-NSSAI | Samsung/Anikethan | CR 1973 24.501 Rel-16 |  |
|  |  | [C1-200683](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200683.zip) | NW slice authentication and authorization failure and revocation | Ericsson /kaj | CR 1533 24.501 Rel-16 | Revision of C1-198772Partly overlaps with C1-200511Tsuyoshi, Friday, 02:29Asks to undo deletion of EN, to avoid overlap with CT1-200694Lin, Friday, 04:11Detailed comments in INBOX, if they are taken on board, then Lin wants to co-signAni, Friday, 14:39*PLMN and rejected NSSAI due to the failed or revoked network slice-specific authentication and authorization shall be deleted.*This change is not needed since it is already allowed by local policy for these slices to be re-used. Providing the UE an allowed NSSAI would not be needed. Just providing the UE with the rejected NSSAI is sufficient. There is already text to remove an S-NSSAI from allowed NSSAI if it is in the received rejected NSSAI.Kaj, Monday, 17:28Fine with all of Lin’s ussgestions, wants to know whether to delete the EN three timesKaj, Monay, 17:49Replying to Ani, explaining, that this is start from scratch, and want to keep AMF acting correctlySung, Monday, 23:10Believes that revision of C1-200704 covers this alreadyAni, Tuesday, 12:58Thinks some local policy handling is required |
|   |  | [C1-200689](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200689.zip) | No default S-NSSAI | Nokia, Nokia Shanghai Bell | CR 1988 24.501 Rel-16 | PostponedLin, Friday, 06:27Providing 3 commentsAni, Fridacy, 14:51Two commentsSung, Monday, 19:49This is not a change for eNS, rather 5GProtoc16, asking to postpone |
|  |  | [C1-200690](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200690.zip) | Missing NSSAI storage for rejected NSSAI due to the failed or revoked network slice-specific authentication and authorization | NEC | CR 1989 24.501 Rel-16 | Merged into C1-200352 and its revisionsCovered by C1-200352Tsuyohsi, Friday, 09:26Fine to merge into revision of 352 |
|  |  | [C1-200691](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200691.zip) | Updating NSSAI status in AMF | NEC | CR 1990 24.501 Rel-16 | Roozbeh, Friday, 20:07Seems related to 694, Is this proposal needed? IMO, as the S-NSSAI is currently allowed, the AMF can keep it allowed until the NSSAA procedure is completed and then decide whether to 1) keep as allowed or 2) reject it.Tsuyoshi, Monday, 09:40Question to Roozbeh, Things which is not clear to me is what would be the expected behavior in NW side (AMF/SMF) if a UE requests a PDU session establishment with a S-NSSAI that AMF invokes the NSSAA?Lin, Monday, 10:42Based on below SA2 text in 23.501, only the final result (success or failed) will be included in the NSSAA status stored at the AMF, so for the revoking of NSSAA, the AMF needs not to do so.Tsuyoshi, Monday, 11:11Reacting to LIN, Rationale for this CR is that NW can react on any request from the UE for the S-NSSAI(pending) appropriately.  Sung, Monday, 22:25hard to understand what is the difference between scenarios covered by 0691 and 0694. Do you mean that even if 0694 is not agreed, there is a reason to discuss 0691Roozbeh, Tuesday, 00:19maintain my position. Please see my other mail which should be realted to this -> position was negative |
|  |  | [C1-200692](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200692.zip) | AMF updates the UE NSSAI storage after network slice-specific authentication and authorization is completed | NEC | CR 1991 24.501 Rel-16 |  |
|  |  | [C1-200693](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200693.zip) | NSSAI status in AMF | NEC | CR 1992 24.501 Rel-16 | Roozbeh, Friday, 20:10Proposal seems fine, some rewording neededTsuyoshi, Monday, 09:05Provides rev in drafts folder, is this fine for Roozbeh?Lin, Monday, 10:521. The 1st change given in sub 4.6.1 was covered by LGE’s CR C1-200352 and hence better to take it out.”
2. For allowed NSSAI,  rejected NSSAI and pending NSSAI, as they are allocated by the AMF, so I believe they will be naturally stored as UE’s context in the AMF. That is to say, without you proposed changes, these three NSSAI will be stored at the AMF until, e.g. it needs to be updated, or UE switch-off, or enter deregistered state.

Tsujoyhi, Monday, 11:09First comment alignedAbout 2nd comment, so I feel that we have the same understanding that those three NSSAIs are maintained in the AMF. For clarification it is good to explain how they are stored in the first place because the TS already captures the requirement that AMF manages(moving from pending status to allowed status or rejected status) the status of NSSAI.How do you think about update ver as follows? Sung, Monday, 22:17**We don’t see a need to specify** that AMF stores pending NSSAI in the UE 5GMM context. There are many parameters that are created by the AMF and provided to the UE and it is true that some of the parameters are stored in the AMF. However, unless you make change to all those parameters, this CR only brings confusion.Roozbeh, Monday, 00:09Editorial comments |
|  |  | [C1-200694](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200694.zip) | NSSAI storage at UE – pending NSSAI | NEC | CR 1993 24.501 Rel-16 | See also 0511, 0683Lin, Friday, 04:28NOT so convinced that the AMF needs to include the pending NSSAI in CONFIGURATION UPDATE COMMAND message.Tsuyoshi, Friday, 05:10Explains to Lin his rationale for the CrMahmoud, Friday, 05:49Same view as TsuyoshiSunhee, Friday, 08:37Some questions form TsuyoshiTsuyoshi, Friday, 09:21Explains to Sunhee his rationale for the CrKaj, Friday, 12:56share the same view as others that pending NSSAI in UCU command is not needed and should not be there.Nothing is missing in the current spec as te EN gets deleted by 00683Roozbeh, Friday, 19:52We are  not sure about the benefit of this proposal…..Unless you have some work in SA2 to backup you proposal what we suggest is if an S-NSSAI is currently “allowed”, keep it as “allowed” until the NSSAA procedure runs and only if the NSSAA fails, then change the status from “allowed” to “rejected”. Sunhee, Monday, 10:09Explains his position asks for clarification from Tsuyoshi, If it is right, I will withdraw my comments.Tsuyhoshi, Monday, 10:37To Sunhee, Indeed. S-NSSAI#B is the foreseen scenario used as reasoning in reason for change. Tsuyoshi, Monday. 13:46Explaining to Roozbeh why the CR is neededSung, Monday, 17:52issue was discussed previously and the current specification reflects the agreement that the UE is allowed to initiate 5GSM procedures for such an S-NSSAIMahmoud, Monday, 18:07Supports the CR, …. To Sung: I don’t see an advantage to allow signalling (for setting up of new PDU sessions for which S-NSSAI is subject to re-NSSAA) that may end up requiring more signalling to release these sessions if the associated S-NSSAIs fail NSSAA.Sung, Monday, 18:24Summarizes the issue, still against the proposalKaj, Monday, 23:03Explanation … **Given this I don’t see such optimization motivated**.Fei, Tuesday, 02:52Shares Kaj view, i.e. negative |
|  |  | [C1-200695](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200695.zip) | Release of PDU sessions due to revocation from AAA server or re-auth failure | NEC | CR 1994 24.501 Rel-16 | See also C1-200415 & 0704Three different proposals in C1-200704,0695 and C1-200415Ani, Friday, 12:28Our comment wrt this CR would be the same as that given for C1-200394, C1-200415, C1-200704.**We think there is no need to have a specific 5GSM cause**Roozbeh, Friday, 20:19do not believe that there is any need for two Cause values for this case so **we object to this CR**. The CR which should go forward is C1-200415Kaj, Sunday, 23:46Slightly different understanding regarding related stage-2, **don’t see that additional causes are needed** with the PDU session release messageTsuyoshi, Monday, 02:14Some explanation to Kaj, and Roozbeh ….#After all,  SA2 defines two separate call flow for revocation and authentication failure in TS23.502. And consequently, they define the 5GSM cause requirement that we need an appropriate 5GSM cause for authentication failure related PDU session release (4.2.9.2 Network Slice-Specific Authentication and Authorization ) and an appropriate 5GSM cause for revocation related PDU session release ( 4.2.9.4 AAA Server triggered Slice-Specific Authorization Revocation ).**Tsuyoshi, Monday 14:37****To ani, explaining why the CR is needed****Sung, Monday, 20:46**agree that performing a local release on both sides should work. I would like to draft an LS to SA2 cc-ing CT4 for stage 2-stage 3 synchronization.LS number??Roozbeh, Monday, 23:37Explaining his position on 695Fei, Tuesday, 03:42Agrees with whate Ani saidKaj, Tuesday, 08:09Now a number of companies propose, related to NSSAA to use local release at the UE and the NW which is not aligned with stage 2.**I don’t see why we should have different handlingsfor similar case depending on NSSAA or not.**Andto my understanding it is not possible to change legacy NW slicing aswill break backward compatible.Ani, Tuesday, 11:36Considering these, it looks right for the UE and the SMF to simply release the PDU sessions locally based on the updated allowed/rejected NSSAITsuyoshi, Tuesday, 13:05UE to be able to understand the cause of release (req from SA2)If an LS out, then ask “why” instead of saying “we don’t need it”Network needs to release RAN resources anyway**Ani, Tuesday, 14:16**opinion is that a 5GSM cause would not really matter since at the application layer there is more specific and granular cause available, i.e. local policy |
|  |  | [C1-200696](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200696.zip) | Clarification on the S-NSSAI not subject to NSSAA included in allowed NSSAI | Nokia, Nokia Shanghai Bell | CR 1995 24.501 Rel-16 |  |
|  |  | [C1-200697](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200697.zip) | Subscribed S-NSSAI marked as default and NSSAA | Nokia, Nokia Shanghai Bell | CR 1996 24.501 Rel-16 | Covers the change in C1-200354Ricky, Thursday, 15:38Comments on how the CR can be improved, is fine that his CR in 354 gets merged into a revision of this one.Lin, Friday, 07:55Detailed commentsSung, Monday, 19:08Providing rev in drafts, reflects the comments, has SamsungRicky, Tuesday, 11:15Mostly OK, one issue requires an Editor’s NoteSung, Tuesday, 17:14To Ricky, not agreeing that the aspect he raised relates to eNSURSP should be secured if the UE is not using default ones. |
|  |  | [C1-200698](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200698.zip) | Additional conditions to the presence in the subscribed S-NSSAIs | Nokia, Nokia Shanghai Bell | CR 1997 24.501 Rel-16 |  |
|  |  | [C1-200702](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200702.zip) | Definition of pending NSSAI | Nokia, Nokia Shanghai Bell | CR 1999 24.501 Rel-16 | Merged into 0352 and its revisionsSung, Monday, 14:43Fine to mergeCovered by C1-200352. |
|  |  | [C1-200703](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200703.zip) | Emergency PDU session handling after NSSAA failure | Nokia, Nokia Shanghai Bell | CR 2000 24.501 Rel-16 | Lin, Friday, 08:14Fine with the CR , prefer to change to “when the UE has an emergency PDU session establishedFei, Friday, 08:36"the UE is establishing a PDU session for emergency services." shall not be removed. And it would be fine to change it to "the UE is establishing an emergency PDU session"Sung, Monday, 19:29Provides rev in draftsFei, Tuesday, 04:16To sung, looks good |
|  |  | [C1-200704](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200704.zip) | Release of a PDU session due to failure/revocation in NSSAA | Nokia, Nokia Shanghai Bell | CR 2001 24.501 Rel-16 | See also C1-200415 & 0695Three different proposals in C1-200704,0695 and   C1-200415Kaj, Thursday, 10:44SMF given the current 3GPP specifications is not aware of that the AMF initiated the PDU session release due to revocation or failure of network slice-specific authentication and authorization.Given this, the **current proposal cannot be agreed.**statement “*Upon receipt of the 5GSM cause value #29 "user authentication or authorization failed" in the 5GSM cause IE of the PDU SESSION RELEASE COMMAND message, the UE shall release the PDU session.”* seems not needed as it is covered by 6.3.3.3Lin, Friday, 08:44Detailed commentsAni, Friday, 12:03Fundamental concern wrt the PDU session release part where any SMF signalling towards UE will be redundant.Roozbeh, Friday, 20:273 concerns, contradicts SA2, contradicts 415, wrong cause valueFei, Tuesday, 03:42Agrees with whate Ani saidKaj, Tuesday, 08:09Now a number of companies propose, related to NSSAA to use local release at the UE and the NW which is not aligned with stage 2.**I don’t see why we should have different handlingsfor similar case depending on NSSAA or not.**Andto my understanding it is not possible to change legacy NW slicing aswill break backward compatible.Tsuyoshi, Tuesday, 13:05UE to be able to understand the cause of release (req from SA2)If an LS out, then ask “why” instead of saying “we don’t need it”Network needs to release RAN resources anywayTsuyoshi, Tuesday, 13:05UE to be able to understand the cause of release (req from SA2)If an LS out, then ask “why” instead of saying “we don’t need it”Network needs to release RAN resources anywaySung, Tuesday, 15:06From Fei, Which text from UCU?Ani, Tuesday, 16;59We are ok with the contents of the CR. But we think the LS would not be needed since this does not add any new procedure but rather makes use of an existing procedure in CT1 scope. That said, we are ok to go by whatever is the general consensus wrt the need to send out the LS.Sung, Tuesday, 17:45The LS is to indicate that the stage 2 agreement is not aligned with our decision here. Let us see what other companies say. |
|  |  | [C1-200724](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200724.zip) | Request S-NSSAI pending the NW slice-specific authentication and authorization | Ericsson /kaj | CR 2004 24.501 Rel-16 | See also C1-200509Lin, Friday, 04:42SA2 rquirement is broken, not aligned with some SA2 text, prefers C1-200509Roozbeh, Friday, 20:32Fine with the content, wants to see condition at beginning of sentenceAndrew, Friday, 20:35What is meant with “intends to”Mahmoud, Friday, 20:42Our view is aligned with what is proposed in C1-200724 but it requires other updates, updates are all givenRoozbeh, Friay, 21:16Wording can be improvedSung, Monday, 21:28My view is also more aligned with C1-200724 than C1-200509Lin, Tuesday, 05:30Acknowledges that the scenarios are very complex and the a DISC paper might be needed |
|  |  | C1-200778 | Removal of the use of Service area list IE during NSSAA | BEIJING SAMSUNG TELECOM R&D | CR 1971 24.501 Rel-16 | Revision of C1-200602\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Related to DP C1-200601See also C1-200510.Lin, Friday, 02:40Asks for some rewording, wants his 510 to be merged into this one.Mahmoud, Friday, 03:50Ok with Lins proposal, some clarificationLin, Friday, 04:18FineFei, Friday, 06:36Fine with alternative in 602, and send an ls to SA2Kaj, Friday, 15:46Does not see that a), b), d) are neededMahmoud, Monday, 12:45Explains to Kaj why things are neededAsking for comments on 778 to make progressLin, Tuesday, 01;56Agreeing with Mahmoud, rev looks good to himFei, Tuesday, 02:17was in the subclause 4.6.2.4, some wording should be added.Mahmoud, Tuesday, 05:22Huawei, Hisilicon added as co-signerMahmoud, Tuesday, 05:23Acks Fei’s request |
|  |  | C1-200790 | Pending NSSAI update for the configured NSSAI in the CUC message | ZTE | CR 1914 24.501 Rel-16 | Revision of C1-200431\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Kaj, Thursday, 10:17not yet fully convinced of the proposal, reasons are providedSummary of changes does not match the changesSung, Sunday, 02:24Our view is that update in configured NSSAI does not directly impact pending NSSAI. Change in configured NSSAI can result in renewal of allowed NSSAI and when allowed NSSAI is renewed, pending NSSAI will be updated as well. So we can simply remove both bullet 5) and the ENLin, Monday, 04:13To Sung and Kaj, Just removing the pending NSSAI works for me.Lin, Monday, 07:241. I have the same comments as Sung, it is a valid case that there is overlapped S-NSSAI(s) between C-SNSSAI and P-NSSAI temporarilly. So just remvoe the 5th existing bullet and the EN is enough.
2. If going to above 1, then cover page needs to be updated.
3. Should be categary F CR.

Fei, Mondy 08:16Rev in drafts folder, all taken on board |
|  |  | C1-200791 | Cleanup for NSSAA message and coding | ZTE | CR 1915 24.501 Rel-16 | Revision of C1-200432\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_See also C1-200392.Also covers the changes in C1-200407Lin, Monday, 07:41I have a concern on defining a new HPLMN S-NSSAI IE format.Fei, Monday, 07:49As indicated to Sunhee, I am fine to go with the proposal in 0392. Maybe you can check the 0392 discussion.Fei, Monday, 08:21New rev in drafts folder, overlap with 392 has been removed, asking Sunhee whether it is fine to merge 407 into revision of 432 |
|  |  | C1-200794 | UE behaviour for other causes in the rejected NSSAI during deregistration procedure | ZTE | CR 1913 24.501 Rel-16 | Revision of C1-200430\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Kaj, Thursday, 09:40Almost fine, however, Maybe better the UE just ignores S-NSSAIs associated with "S-NSSAI not available in the current registration area" as it does not make sense that the network sends the reject cause for this use case.Fei, Friday, 03:32To kaj, as you are now OK with the proposal in the C1-200433, I assume that  you would be also OK with this similar proposal in the deregistration procedureSunhee, Friday, 10:12Change seem not related to eNS, rather 5GProtocFei, Friday, 10:26Explains CR addresses the UE behaviour regarding the cause #62. In the past few meetings, this cause was handled in the eNS WI. Maybe you can check the agreed CR e.g. C1-196971 in CT1#120 meetingLin, Monday, 06:34Provides detailed comments to FeiFei, Monday, 08:13All comments taken on board, rev in drafts folder  |
|  |  | C1-200795 | Rejected NSSAI during the initial registration procedure | ZTE | CR 1916 24.501 Rel-16 | Revision of C1-200433\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Kaj, Thursday, 09:41To my understanding when the UE is deregistered over an access then the TAI list is invalid.Given this I don’t see why the UE shall remove the S-NSSAI from allowed NSSAI as the UE will not have a TAI list available during initial registration i.e. the UE is not aware about any registration area. But of course, because no TAI list and at least no rejected NSSAI for RA the UE could also request S-NSSAIs from configured NSSAI if available.The UE could just ignore S-NSSAIs associated with "S-NSSAI not available in the current registration area" as it does not make sense that the network sends the reject cause for this use case.Fei, Thursday, 12:13Explains why the situation can occur and something is needed to avoid the deadlockKaj, Thursday, 21:10Acks the explanation from Fei, OK with the CRYoko, Friday, 06:11Commenting that In this case, the UE should be able to use S-NSSAI-A as requested NSSAI in the registration request messgae in new RA.Fei, Friday, 07:34Explains to Yoko the rationaleYoko, Friday, 09:16Fine with Fei explanation, new questionsFei, Monday, 04:19Explains to Yoko why there is no need to add extrasLin, Monday, 06:21agree that current ingoring handling is not so good and better to not go this way.However, provides an alternativYoko, Tuesday, 06:08Not agreeing with FeiFei, Tuesday, 06:57Does not see the argument from Yoko,  |
|  |  | [C1-200796](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200796.zip) | Alignment of error codes with 3GPP TS 24.501 | InterDigital / Atle | CR 0683 27.007 Rel-16 | **Revision of C1-200320****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Has to be shifted to 16.2.2**Revision of C1-200315Sunhee, Friday, 10:04the TS27.007 error code names should be change to the same error code name described in TS24.501. Atle, Friday, 10:29Will fix thisAtle, Monday, 10:27This is rvised to 796 |
|  |  | [C1-200797](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200797.zip) | Cleanups of the Pending NSSAI | InterDigital / Atle | CR 1869 24.501 Rel-16 | Revision of C1-200318\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-200113Lin, Friday, 09:51Some minor commentAtle, Frida, Friday, 09:52Will take Lin comment on boardRicky, Friday, 11:39Wording needs improvementAtle, Monday, 11:01All comments taken on board, rev is 797Sung, Monday, 22:44I am reluctant to the use of rejected S-NSSAI, which is not defined even though the TS is contaminated with the term. If you want to use it, I request for you to define it in section 3.1. |
|  |  | [C1-200813](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200813.zip) | Handling of S-NSSAIs in the pending NSSAI | LG Electronics / Sunhee | CR 1889 24.501 Rel-16 | Revision of C1-200352Tsuyhoshi, Tuesday, 05:58Pls add NEC as co-signerSunhee, Monday06:13Reacting to latest comments form Sung, they are taken on boardYoko, Tuesday, 06:37Fine with the rev, pls add SharpYanchao, Tuesday, 08:09Some minor modifications to the revSung, Tuesday, 16:37The e-mail thread “[16.2.6\_C1-200694]” reveals that there are some companies who do not want to send pending NSSAI whenever re-auth is initiated.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_See also C1-200318 & 0405 & 0579Covers the change in C1-200702.Covers the change in C1-200401.Covers the change in C1-200690Sunhee, Thursday, 12:42Offers an attempt to merge from the above mentioned CRs what is possible to merge. The related revision is their in the inbox/draftsTsuyoshi, Thursday, 13:50Tsuyoshi confirms that 690 is correctly included in in the rev from Sunhee, but wants to see how this evolvesKaj, Thursday, 14:02There is an additional overlap with C1-200683Atle, Thursday, 15:22Ok to take out overlaps of 318, want to co-sign 352Sunhee, Frday, 07:11Acks Atle, new rev in drafts folderYoko, Friday, 09:08Fine to ake out thing sfrom 579Lin, Friday, 09:43Some commentsAni, Friday, 14:18Issue with the definition of *Rejected NSSAI due to the failed or revoked network slice-specific authentication and authorization*Yanchao, Saturday, 07:20I would like to second Lin’s comment of using a shorter name for “rejected NSSAI due to the failed or revoked network slice-specific authentication and authorization” as “rejected NSSAI due to the failed or revoked NSSAA”.Sunhaee, Monday, 08:39Vivo is added to latest rev in the drafts folderSunhaee, Monday, 08:46Lin and Yanchao comments fixed.Sunhaee, Monday, 09:20Ani comments taken on board, further commentingLin, Monday, 0352Further comments on the revXu, Monday, 11:18Wants to co-sign, will remove overlap from 405Sung, Monday, 23:01Providing comments, requesting that outcome of 694 disc needs to be taken into account |
|  |  | C1-200830 | Clarification on HPLMN S-NSSAI | LG Electronics / Sunhee Kim | CR 1893 24.501 Rel-16 | Revision of C1-200392\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_See also C1-200432.Different proposals.Fei, Thursday, 09:31CR has some overlaps with CR in the 0432. In this CR, it is proposed to re-use S-NSSAI IE. In 0432, a new IE is proposed. I have no strong preference. However, if re-using the existing IE, then I think it is better to add a table note in the S-NSSAI IE subclause. Then there is no need to touch the description in the subclause 5.4.7.1.Sunhee, Thursday, 13:04Fine with comment from Fei,, revises accordinglyLin, Friday 03:16Fine with Sunhee proposal, will remove any overlap in revision of C1-200432Lind, Friday, 09:43Comment on the rev in the drafts folderSung, Sunday, 00:12It is not entirely clear to me how the CRs (0392 and 0432) will evolve. Thus, let me make my comment based on the current versions.**This CR (0392) is not needed** because in subclauses 5.4.7.2.1, 5.4.7.2.2, and 5.4.7.3.1, it is clarified that the S-NSSAI IE includes the HPLMN S-NSSAI.Sunhee, Monday, 00:48To sungCould I ask what is your exact opinion ?1. The intention of CR is wrong. (already HPMN S-NSSAI definition is clear)
2. The intention of CR is correct but way to CR evolve is wrong

Fei and I think HPLMN S-NSSAI definition is not clear, so we think CR changes are needed, (even though the way to CR evolve is not correct).Lin, Monday, 10:29I would prefer to re-use the existing IE format but would be fine to add a table NOTE in the Table 9.11.2.8.1, e.g. as below. Note that it is not only for NSSAA but also for the case that when the UE is accessing its HPLMN, provides text for the NOTERicky, Monday, 13:43Fine in general, similar concern as Sung, a rev of 392 is needed if this should go foreardSung, Monday, 22:37Anyways, now it became clear that a revision of 0392 will clarify something in the coding part, I can live with it.Sunhee, Tuesday, 09:09Confirms there is noverlap anymore to SungSUnhee, Tuesday, 09:40Informs that the is a rev2Kaj, Tuesday, 16:01Question for clarificaitokn |
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|  | Vertical\_LAN |  | Peter – Main |  |  | CT aspects of 5GS enhanced support of vertical and LAN servicesTS 24.534 has been withdrawnIs TS 24.535 sufficiently stable to be sent to CT#87-e for approvalIs TS 24.519 sufficiently stable to be sent to CT#87-e for approval? |
|  |  |  |  |  |  | Stand-alone NPN |
|  |  | [C1-200762](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200762.zip) | Work plan for CT aspects of Vertical\_LAN | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  |
|  |  | C1-200767 | Work plan for CT aspects of Vertical\_LAN | Nokia, Nokia Shanghai Bell | discussion Rel-16 | Revision of C1-200762 |
|  |  | [C1-200466](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200466.zip) | Correction to Limited service state for SNPN | Huawei, HiSilicon / Vishnu | CR 0492 23.122 Rel-16 | Lena, Thursday, 09:03fine with the intent of the CR, but “and the UE does not have any valid entry in the "list of subscriber data”” in “For the item b, if the MS operates in SNPN access mode and the UE does not have any valid entry in the "list of subscriber data"” should be deleted since it is already covered by “For the item b”Vishnu, Monday, 09:38Comments from Lena taken on board, rev in the drafts folderLena, Monday, 23:22Fine with rev from Vishnu |
|  |  | [C1-200551](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200551.zip) | UE receives CAG information in SNPN access mode | Huawei, HiSilicon/Cristina | CR 1946 24.501 Rel-16 | Lena, Thursday, 09:03Overall ok with the intent of the CR but there are some editorial issues as the new text does not read well:Cristina, Friday, 03:49Ok with proposal from Lena, will provide revsion |
|  |  | [C1-200587](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200587.zip) | Correlation of SNPN entry stored in ME and USIM | Samsung/Kundan | CR 1963 24.501 Rel-16 | Lena, Thursday, 09:05we prefer the alternative in C1-200686 which leaves USIM selection up to UE implementation in Rel-16 |
|  |  | C1-200591 | Modification of the allowed CAG list | Samsung/Kundan | CR 1965 24.501 Rel-16 | PostponedDocument was LATE |
|  |  | [C1-200599](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200599.zip) | Handlig of PLMN specific NID  | Samsung/Kundan | CR 1969 24.501 Rel-16 | Lena, Thursday, 09:03terminology proposed by this CR is not aligned with that in CT4 spec TS 23.003, current wording in 24.501 fine as is, CR is not neededIvo, Thursday, 10:37not clear what "PLMN defined unique SNPN identity" is, CR might not be neededSung, Tuesday, 17:53Support comments form Ivo, Lena |
|  |  | [C1-200333](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200333.zip) | Removal of Editor’s note on the use of the NOTIFICATION message in SNPNs | Qualcomm Incorporated / Lena | CR 1882 24.501 Rel-16 |  |
|  |  | [C1-200334](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200334.zip) | Updating length of NID | Qualcomm Incorporated, Ericsson, Nokia, Nokia Shanghai Bell / Lena | CR 0115 24.502 Rel-16 |  |
|  |  | [C1-200469](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200469.zip) | Clarify that access to RLOS is not supported in SNPN | Huawei, HiSilicon / Vishnu | CR 0494 23.122 Rel-16 | Ivo, Thursday, 11:50- the CR is misleading. Access to RLOS is not supported in N1 mode, regardless whether the MS is operating in SNPN access mode or not. It would be more appropriate to state "An MS operating in N1 mode never attempts to to access RLOS."Vishnu, Tuesday, 10:55Suggests to add a Note, asking Ivo whether this is correctIvo, Tuesday, 14:53Not ok with Vishnu’s suggestionVishnu, Tuesday, 15:;44Fine with explanation from Ivo, updates the rev accordingly |
|  |  | [C1-200470](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200470.zip) | Clarification of the rejected NSSAI cause value | vivo | CR 1926 24.501 Rel-16 |  |
|  |  | [C1-200504](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200504.zip) | Correction on 5GMM cause #74/#75 for no touching non-3GPP access | Huawei, HiSilicon/Lin | CR 1935 24.501 Rel-16 | Ivo, Thursday, 16:36- the removed text is applicable:                - when the UE accesses an SNPN via PLMN and receives #74. If #74 is in a integrity protected 5GMM message, the UE should perform the actions both for the 3GPP access and the non-3GPP access (i.e. access to an SNPN via PLMN); or                - when the UE accesses an SNPN via 3GPP access and receives #74. If #74 is in a integrity protected 5GMM message, the UE should perform the actions both for the 3GPP access and the non-3GPP access (i.e. access to an SNPN via PLMN).Lin, Saturday, 15:05Defending the CR, **another key point is: if a UE can already access the SNPN directly, why it has to access the same SNPN via PLMN indrectly? I cannot see such use case actually.**Ivo, Monday, 12:36Not agreeing with Lin, would like to preserver functionality as in baselineLin, Tuesday, 03:38Explaining to Ivo the background, please check whether you are fine or notSangMin, TUesay, 08:04Agrees with Lin |
|  |  | [C1-200505](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200505.zip) | 5GMM cause #72 not used in SNPN | Huawei, HiSilicon/Lin | CR 1936 24.501 Rel-16 | Lena, Thursday, 09:05change is also covered in C1-200739Ivo, Thursday, 16:39**5GMM cause #72 "Non-3GPP access to 5GCN not allowed" can be used to inform the UE that the access to SNPN** via PLMN is not possible (while access to SNPN via 3GPP access is possible)Lin, Saturday, 09:16To Ivo Explaining why new cause is neededLin, Saturday, 09:20To LenaI tend to say it is not the case that “the same change is also covered in C1-200739”.Actually C1-200739 is going to a totally opposite direction than my CR. So it is not the case that the change of my CR was covered by C1-200739. I will provide my comments on 200739 in a separate email.Marko, Monday, 07:27Rel-16 UE shall not attempt directly to SNPN over non-3GPP access.Nokia's CR in C1-200739 propose the cause would be useful in case the UE attempts indirect access over non-3GPP.So, **I think cause#72 is potentially useful and should not be removed from SNPN use**.Ivo, Monday, 12:41access to SNPN via PLMN is seen as non-3GPP access since NWu is used and NAS handling for non-3GPP access applies. **Thus, IMO, #72 can be used when the UE attempts to access SNPN via PLMN**.Lin, Tuesday, 04:00To Ivo and MarkoNot against the idea, however, different proposal -> Hence, to make the UE handling simpler and future proof, we need a new cause value for accessing SNPN via PLMN is not allowed in R16, while reserve #72 for future release in which accessing SNPN directly via non-3GPP access (e.g. WiFi) is not allowed.Sung, Tuesday, 05:28Does not agree with LinLin, Tuesday, 16:34Does not agree with Sung, provides explanation for the CRSung Tuesday, 17:01Not agreeing with Lin |
|  |  | [C1-200506](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200506.zip) | Correction on term “non-3GPP access” used in SNPN | Huawei, HiSilicon/Lin | CR 1937 24.501 Rel-16 |  |
|  |  | [C1-200507](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200507.zip) | Correction on term “shared network” definition for SNPN | Huawei, HiSilicon/Lin | CR 0497 23.122 Rel-16 | Lena, Thursday, 09:05C1-200507: “E-UTRA connected to EPC” should be just “E-UTRAN”.Lin, Monday, 04:33Fine with Lena’s comment, provides rev in drafts folderLena, Monady, 23:05Fine with the revision from Lin |
|  |  | [C1-200600](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200600.zip) | Handling of LADN infotmation when the UE operating in SNPN access mode | SHARP | CR 1970 24.501 Rel-16 | SangMin, Thursday, 12:18I understand the intent of this CR. However, I’m not sure if SA2 has discussed on whether LADN is applicable to SNPN. As per current specs and agreed CRs in Jan SA2 meeting, I can’t find any stage 2 requirement on this scenario. Moreover, both LADN and NPN are introduced to support (geographically) localized services. So I’m wondering if there’s any use cases that apply both redundant technologies at the same time.Yudai, Fridy, 11:25agree with you that SA2 has not discussed on whether LADN is applicable to SNPN.If there are no scenario that LADN and SNPN are applied at same time, I think it should be specified in CT1 spec that the LADN information shall not be provided to the UE if the UE is operating SNPN mode in order to avoid a misunderstanding.SangMin, Monday, 07:15For either cases whether LADN is applicable to SNPN or not, we need clear guidance from the stage 2, since this is not just a protocol issue but more likely to be a high-level requirements issue. **At this moment, we don’t see any clear stage 2 requirement for your CR, so we would like to propose to postpone this CR in this meeting**. Rather, it may be good to ask SA2 about the applicability of LADN within SNPN. |
|  |  | [C1-200686](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200686.zip) | UE identifier for SNPN | Nokia, Nokia Shanghai Bell, Qualcomm Incorporated, Vodafone, Charter Communications, NTT DOCOMO, Ericsson | CR 0498 23.122 Rel-16 | Ly-Thanh, Friday, 10:59he CR is missing to address the case where the USIM may be used to authenticate to several different SNPNs that differ by their NID part and more explanation .Lena, Monday, 00:59I don’t understand why the NID information would be needed in the USIM: the NID is stored in the ME in the list of subscriber data and this is sufficient (there is no need for the ME to “populate” this list, it is provisioned to the ME). Hence I don’t the note is needed, and I also do not think the CT6 CR is needed.Kundan, Tuesday, 09:49Current form of the CR is incorrect, as SUPI of IMSI type always has to use 5G AKA and EAP AKA |
|  |  | [C1-200735](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200735.zip) | Correction in UE ehaviour upon receipt of 5GMM cause value #74 or #75 via a non-integrity protected NAS message | Nokia, Nokia Shanghai Bell | CR 2010 24.501 Rel-16 | Ivo, Thursday, 1644No aligned with 23.122- if preference is to change 23.122 along the proposed 24.501 change, then why is T3247 set to a shorter value for #74 (as in "15 minutes and 30 minutes for 5GMM cause value #74") than for other 5GMM causes?Lin, Saturday, 10:461. The intention of the CR to align with the same handling for 5GMM #11 is not fully correct as what current specified UE handling for 5GMM #11 the CR want to align is only for VPLMN but SNPN currently does not support roaming. So the current text in 24.501 is correct which is aligned with the current specified UE handling for 5GMM #11 for HPLMN.2. It seems what needs to be updated is in TS 23.122 to remove the 2nd bullet as shown in the cover page. |
|  |  | [C1-200736](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200736.zip) | List of SNPNs for which the N1 mode capability was disabled | Nokia, Nokia Shanghai Bell | CR 0502 23.122 Rel-16 | Ivo, Thursday, 11:55- the last bullet should be performed also when the SNPN's entry in "list of subscriber data" is updated.SangMin, Friday, 06:12Similar concern as expressed for C1-200738 will be also applied to this documents as below:Clearly, SNPN is not supported by EPC. Since the UE in SNPN access mode will only search for 5GS, disabling N1 does not make sense. Thus, managing list of “N1 mode not allowed" SNPN just creates unnecessary burden.  |
|  |  | [C1-200737](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200737.zip) | Introduction of SNPN-specific N1 mode attempt counters | Nokia, Nokia Shanghai Bell | CR 2011 24.501 Rel-16 | Lin, Saturday, 10:531. The reason for change “However, similar to the PLMN, dedicated counters for SNPN-specific N1 mode attempt should be introduced” is not correct, as for PLMN it has different RATs (G/U/L/NGRAN) but for SNPN so far it only has one RAT (NG-RAN). So you cannot just copy the same logic from PLMN to SNPN here.2. Then, the proposed changes are not needed and to use the existing SNPN-specific attempt counter is enough which is only applied to N1 mode only, i.e. added “SNPN-specific N1 mode attempt counter” = existing “SNPN-specific attempt counter”Marko, Monday, 08:13Wondering why to add new counters for "N1 mode" while there is already existing ones for SNPN over 3GPP access and non-3GPP access... Looks like new ones are unnecessary duplicates. If necessary, would addition of “N1 mode” in the name of existing ones fix the (possible) issue? |
|  |  | [C1-200738](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200738.zip) | N1 mode capability disabling and re-enabling for SNPN | Nokia, Nokia Shanghai Bell | CR 2012 24.501 Rel-16 | SangMin, Thursday, 12:59Clearly, SNPN is not supported by EPC. So where does it go after “disabling **N1 mode capability** for a registered SNPN”? there’s no other choice for the UE but staying in DEREGISTERED state for N1 mode. The described behavior seems to be SNPN re-selection, but seems not related to the **disabling N1 mode capability mechanism**.  |
|  |  | [C1-200739](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200739.zip) | #72 applicable and #31 not applicable in an SNPN | Nokia, Nokia Shanghai Bell | CR 2013 24.501 Rel-16 | Lin, Saturday, 09:37Providing three comments Lena, Saturday, 19:20we support making cause #31 not applicable to SNPNs in Rel-16.For #72, we would prefer to make it not applicable to SNPNs since SA2 indicated in C1-200234 that “Access to SNPN over Trusted non-3GPP access and Wireline access are not supported in Rel-16. Regarding whether access to SNPN via Untrusted non-3GPP access is supported in Rel-16, SA2 could not reach a consensusWith this I am fine to make it clear in our spec that CIOT is not supported in SNPN in R16.Then I just recalled that during the discussion on a set of CR related to adding new UAC category type for SNPN, it has added below EN in the revision of C1-200677. If now we all agree that CIOT is not supported for SNPN, then below EN is not needed and nothing needs to be done for SNPN for UAC for exception data.“Editor's note [WI: Vertical\_LAN, CR#1938]: It needs to be verified if NB-IoT (MO exception data) is also applicable for SNPN.”For #72, if I got your below comments correctly, you do support our CR C1-200505 proposal, right?Sung, Tuesday, 05:30To Lena, The use of #72 in an SNPN is not for non-3GPP access in the context of untrusted/trusted non-3GPP access or Wireline access. It is about restricting access to SNPN services via a PLMN.Ivo, Tuesday, 15:09Agrees with Sung, wants to co-signLena, Tuesday, 15:20Fine with the CRYanchao, Tuesday, 15:46Wants some update in subclause A.2 |
|  |  | [C1-200740](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200740.zip) | T3245 in an SNPN | Nokia, Nokia Shanghai Bell | CR 2014 24.501 Rel-16 | Vishnu, Friday 15:03CR 1803 was not agreed in the last meeting. Without CR 1803, the proposed changes in C1-200740 looks out of place. So we propose to postpone this CR. |
|  |  | [C1-200741](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200741.zip) | Validity of the USIM for an SNPN and for a specific access type | Nokia, Nokia Shanghai Bell | CR 2015 24.501 Rel-16 | Ivo, Thursday, 11:58wording ("USIM as invalid for the current SNPN and for 3GPP access") should be aligned with the one (i.e. "USIM as invalid for 5GS services via 3GPP access") used when the UE does not operate in the SNPN access mode. E.g. (i.e. "USIM as invalid for the current SNPN via 3GPP access") |
|  |  | [C1-200742](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200742.zip) | Handling of 5GMM cause values #62 in an SNPN | Nokia, Nokia Shanghai Bell | CR 2016 24.501 Rel-16 | Ivo, Thursday, 16:47- CR adds "an entry of the "list of subscriber data" with the SNPN identity of the current SNPN is updated" in a few places in 24.50. However, such addition would be applicable in many other places, including 5GSM congestion control statements. Will the rest of the TS be fixed too? |
|  |  | [C1-200743](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200743.zip) | No mandate to support default configured NSSAI or network slicing indication | Nokia, Nokia Shanghai Bell | CR 2017 24.501 Rel-16 | Lena, Thursday, 09:05fine with the CR in principle, but in the last change, “the UE operating in SNPN access mode may not support default configured NSSAI or network slicing indication” should be “the default configured NSSAI and the network slicing indication are not supported in SNPNs” instead, since the network will not send themSung, Tuesday, 06:22Provides, rev, inline with Lena’s comment |
|  |  | [C1-200744](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200744.zip) | SNN coding | Nokia, Nokia Shanghai Bell | CR 2018 24.501 Rel-16 | Ivo, Thursday, 12.11Some suggestions on how to revise, they are also available in a rev in the INBOX, if agreeabel then Ericsson wants to co-sign |
|  |  | [C1-200745](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200745.zip) | 5GMM cause value #74 in an SNPN with a globally-unique SNPN identity | Nokia, Nokia Shanghai Bell | CR 2019 24.501 Rel-16 | Ivo, Thursday, 12:13Work item missing on cover page, ericsson wants to co-sign |
|  |  | [C1-200746](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200746.zip) | Display of the human readable name of an SNPN | Nokia, Nokia Shanghai Bell | CR 0503 23.122 Rel-16 | Lena, Thursday, 09:05CR assumes that a human readable network name will be configured at the ME, not broadcast in SIB. However the input I got from my RAN2 colleagues is that whether the human readable network name is broadcast in SIB was still FFS as of the end of the Reno November meetingIvo, Thursday, 16:48Not clear where the HRNN is from |
|  |  | C1-200834 | Clarification of forbidden TAI lists for SNPN | vivo | CR 1923 24.501 Rel-16 | Revision of C1-200464\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Ivo, Thursday, 11:14handling of 5GMM cause #12 should modify "5GS forbidden tracking areas for regional provision of service" (rather than "5GS forbidden tracking areas for roaming")Yanchao, Monday, 10:26Provides rev in drats, any further comments?Ivo, Monday, 12:33Rev look good, wants to co-signVishnu, Monday, 12:50Looks good, one minor issue on cover sheet, wants to co-signYanchao, Tuesday, 08:39Fine, takes Huawei and HiSilicon on boardEricsson as well |
|  |  | [C1-200836](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200836.zip) | Update SNPN key differences | Intel / Thomas | CR 1985 24.501 Rel-16 | Revision of C1-200681\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Lena, Thusday, 09:05Some editorialsVishnu, Thursday, 15:36fine with this CR. Just one comment that the change in bullet d) is not neededIvo, Thursday, 16:41Some editorialsThomas, Tuesda, 17:28Taking all comments on board, provides a revision which is 836 |
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|  |  |  |  |  |  | Public network integrated NPN |
|  |  | [C1-200291](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200291.zip) | CAG information list storage | Ericsson / Ivo | CR 1879 24.501 Rel-16 | Rae, Thursday, 09:45In principle agrees with the CR, however, For “- CAG information list, if the UE supports CAG”in Annex C.1, if UE disables and re-enable CAG, the CAG information list will be deleted.But actually this CAG information list can still be used in this case.So the condition here seems unnecessary.Vishnu, THurday, 1642Fine in principle, wants some changes, wants to co-signIvo, Friday, 08:39Detailes respons to Rae and Vishnu, wants to keep some conditions, but is open if people insist on change Vishan, Friday, 11:00Minor comments, fine to go either way, Ivo, Friday, 15:36Provides a rev in the draft box, still waits for response from RaeRae, Monday, 02:46To Ivo, If the list is deleted just because the UE toggles between CAG enabled and not CAG enabled (and back to CAG enabled), then UE will have no CAG list when CAG enabled is turned back ON. **That would be worse** than if the list is not up to date.Ivo, Monday, 09:56Takes Rae comment on board and provides revRae, Monday, 10:05Oppo wants to co-signVishnu, Monday, 11:08We are fine with this version. A minor comment to add "" around CAG Information listLena, Monday, 23:01not ok with removing the condition “if the UE supports CAG”. The UE cannot be mandated to store information for a feature which the UE does not support.Rae, Monday, 06:07Lena, I agree with what you said.But I think the network will not configure the CAG info list to UE if UE does not support CAG.Additionally, if UE does not support CAG, UE will not understand this parameter, so naturally will not store this parameter? |
|  |  | [C1-200311](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200311.zip) | CAG-ID not provided to lower layers during NAS signalling connection establishment | Ericsson / Ivo | CR 1880 24.501 Rel-16 | Ivo, Friday, 08:51Provides revision, additional co-signers.Lena, Saturday, 22:36Fine with the revision |
|  |  | [C1-200316](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200316.zip) | CAG Information in Registration Reject | InterDigital / Atle | CR 1868 24.501 Rel-16 | Revision of C1-200111Lena, Thursday 09:05Enabling sending of the CAG information list in a Registration Reject message is dangerous since the Registration Reject message can be sent non-integrity protected, so this could allow a fake network to modify the CAG provisioning at the UE. Moreover, it seems unnecessary since the network could also let the UE successfully register and then update the CAG provisioning info at the UE.Atle, Friday, 08:14Explaind his rationaleLena, Sunday, 00:10Further commenting on Atle’s reply, not agreeingKundan, Monday, 07:59support the CR it make sense for the following scenarios. Of course the CAG information IE should be sent integrity protected otherwise the  message will be ignored as the UE does for 5GMM Cause #25 and 76.Lena, Monday, 23:12Challenging Kundans argumentSangMin, Tuesday, 05:50We share the concerns expressed by Qualcomm. Providing critical information via “Reject” message is not a good idea. |
|  |  | [C1-200335](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200335.zip) | Signalling of CAG-ID | Qualcomm Incorporated / Lena | discussion Rel-16 |  |
|  |  | [C1-200336](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200336.zip) | Clarification to manual CAG selection | Qualcomm Incorporated / Lena | CR 0489 23.122 Rel-16 |  |
|  |  | [C1-200337](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200337.zip) | Removal of the requirement for NAS to pass the selected CAG-ID to the lower layers | Qualcomm Incorporated / Lena | CR 1883 24.501 Rel-16 | Merged into C1-200311 and its revisionsIvo, Thursday, 12:15- same changes as C1-200311. Given that C1-200311 has more cosigners, it is proposed that C1-200337 is merged into C1-200311Lena, Friday, 04:57Fine to merge the CR into 0311 |
|  |  | [C1-200398](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200398.zip) | “CAG information list” preventing selection of any available and allowable PLMN | Ericsson / Ivo | CR 1898 24.501 Rel-16 |  |
|  |  | [C1-200403](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200403.zip) | Clarification on CAG selection | Intel / Thomas | CR 0490 23.122 Rel-16 | Lena, THursdy, 09:05This CR conflicts with the changes in C1-200336. Both CRs try to address the fact that as per SA2’s input in LS C1-200252, the UE will be allowed to register on a cell if at least one of the CAG-IDs broadcast by the cell is in the UE’s allowed list. C1-200336 assumes that there is one selected CAG-ID at the UE (which one is up to UE implementation in automatic CAG selection mode) while C1-200403 assumes that the UE considers all CAG-IDs broadcast by the cell as selected CAG-IDs, which seems to bring unnecessary complexity.Vishnu, Thursday, 15:50We are fine with the CR. But we don’t think the changes in 4.4.3.1.2Ban, Monday, 14:15Prefers 336 |
|  |  | [C1-200338](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200338.zip) | Including CAG information list in REGISTRATION ACCEPT message | Qualcomm Incorporated / Lena | CR 1884 24.501 Rel-16 | Vishnu, Friday, 15:28Fine with the CR, requests some changesLena, Saturday, 23:05All commens from Vishnu taken on board, hints at rev in drafts folderVishna, Monday, 11:01    Thank you for the revision and taking the comments on board.     We are fine with it. A minor comment to add “stored in the UE” as below.Lena, Monday, 23:30Fine with Vishnu’s suggestion, providing rev in drafts folderVishnu, Tuesday, 10:33Fine with the rev from lena |
|  |  | [C1-200451](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200451.zip) | Discussion on limited service on CAG cell | Huawei, HiSilicon/Vishnu | discussion 23.122 Rel-16 | Lena, Thursday, 09:05SA2 has already agreed a CR in S2-2001693 by which Rel-16 UEs that are not CAG capable can camp on a CAG cell in limited service state. The SA2 CR also assumes that legacy UEs (Rel-15 or older) cannot camp on CAG cells in limited service state. |
|  |  | [C1-200452](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200452.zip) | Limited service state on CAG cell | Huawei, HiSilicon / Vishnu | CR 0491 23.122 Rel-16 | Lena, Thursday, 09:05Since the SA2 agreement on non-CAG capable UEs being able to camp on a CAG cell in limited service state is only for Rel-16 UEs (see S2-2001693), the second bullet added should be made specific to “MS not supporting CAG, but supporting this release of the specification”.Ivo, Thursday, 16:07- 3.5 i) - this is captured in 3.5 a) already- 3.5 j) - whether a UE not supporting CAG can make an emergency registration on a CAG cell depends on broadcast information provided in AS layer. According to my information, RAN2 expects that the CAG cell will indicate "cellreservedForOtherUse" which might prevent a UE not supporting CAG from camping on the CAG cell. We believe that CT1 should wait for RAN2 decision on whether a UE not supporting CAG can make an emergency registration on a CAG cell.Vishnu, Friday, 10:57Explains his case to IvoIvo, Friday, 15:29Bullet I can be accepted, needs some more workBullet II wait for Ran2Vishnu, Tuesday, 16:40Provides a draft, asking whether Ivo to review/take explanation into account |
|  |  | [C1-200465](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200465.zip) | Deletion of all CAG IDs of a CAG cell for 5GMM cause #76 | Huawei, HiSilicon / Vishnu | CR 1924 24.501 Rel-16 |  |
|  |  | [C1-200467](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200467.zip) | Removal of the indication of CAG-ID for N1 NAS signalling connection | Huawei, HiSilicon / Vishnu | CR 1925 24.501 Rel-16 | Merged into C1-200311 and its revisionsLena, Thursday, 09:03fine with the change in C1-200467 but the same change is covered by C1-200337 and C1-200311Ivo, Thursday, 0958same changes as C1-200311. Given that C1-200311 has more cosigners, it is proposed that C1-200467 is merged into C1-200311Vishnu, Thursday, 12:10**Fine to merge this into C1-200311** |
|  |  | [C1-200468](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200468.zip) | Presentation of PLMN with non-CAG cells for manual selection | Huawei, HiSilicon / Vishnu | CR 0493 23.122 Rel-16 | Ivo, Thursday, 10:50Issues listed, a potential revision from Ivo in the inbox/drafts. If updates are are taken on board, Ericsson wants to co-signSung, Tuesday, 04:06On Issue 2, it seems that 0468 is progressing. Thus, we can use 0468 for addressing Issue 2.On Issue 1, I would like to volunteer to hold the pen, i.e. let us progress with 0700.With that proposal, 517merged in 700 and 586 in 486Vishnu, Tuesday, 11:09Takes all comments on board, provides rev Kundan, Tuesday, 12:38Samsung does not support manual broadcasting indicator. It should be configured based on the agreement between roaming partners and by default the UE shows the CAG ID for the PLMN for which no configuration exists.Ivo, Tuesday, 14:43Fine with the rev provided by Vishnu |
|  |  | [C1-200471](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200471.zip) | Removal of term CAG access control | Huawei, HiSilicon / Vishnu | CR 1927 24.501 Rel-16 |  |
|  |  | [C1-200508](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200508.zip) | Reset the registration attempt counter for #76 in service reject | Huawei, HiSilicon/Lin | CR 1938 24.501 Rel-16 |  |
|  |  | [C1-200516](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200516.zip) | Updates for Manual CAG selection | Huawei, HiSilicon / Vishnu | CR 1554 24.501 Rel-16 | Revision of C1-198992Seem to conflict with C1-200701Lena, Thursday, 09:06the CR overlaps with C1-200701 which seems more complete**. I would prefer to progress C1-200701**.Ivo, Thursday, 12:22- for registration after manual CAG selection, C1-200516 addresses a part of one case only (the marked part of case-1 below) while C1-200701 addresses both cases (case-1 and case-2 below). **IMO, C1-200701 should be progressed as it is more complete**. |
|  |  | [C1-200517](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200517.zip) | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon / Vishnu | CR 0471 23.122 Rel-16 | Revision of C1-199010Lena, Thursday, 09:05* The CR overlaps with C1-200700
* there should be a condition in new bullet 2) saying “the CAG-ID is not included in the "Allowed CAG list" of the entry”

Ivo, Thursday, 16:57The best way to provide the information is an indication in SIB - either HRNN or a new bit.                However, C1-200517 proposes "there exists an entry with the PLMN ID of the PLMN in the "CAG information list" and the CAG cell is allowed to be presented to the user by the PLMN" which does not fitBan, Thursday, 23:48Overlaps with 700Challenges the text and provides a new proposalVishnu, Friday, 10:24The issue that I see is that, now that the manual CAG indicator is broadcasted, all the CAG ids of the neighboring PLMNs ( even for the ones to which the HPLMN does not have any roaming agreements) will be presented to the user.   Those PLMNs could have set the “manual CAG indicator” for the subscribers with whom they have roaming agreements. Is that an acceptable behavior ? Ivo, Friday, 15:53Explanation to VishnuC1-200517 overlaps with C1-200700 and a merge is neededBan, Monday, 13:36Fine with most of Vishnu’s explanation, asking whether there is a merge of 517 and 700Lena, Monday 17:00We think that your proposal below goes too much into user interface specification and that this should be left to UE implementation. So we would prefer not to add these additional indications to the user.Sung, Tuesday, 04:06On Issue 2, it seems that 0468 is progressing. Thus, we can use 0468 for addressing Issue 2.On Issue 1, I would like to volunteer to hold the pen, i.e. let us progress with 0700.With that proposal, 517merged in 700 and 586 in 486Kundan, Tuesday, 12:38Samsung does not support manual broadcasting indicator. It should be configured based on the agreement between roaming partners and by default the UE shows the CAG ID for the PLMN for which no configuration exists |
|  |  | [C1-200549](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200549.zip) | Clarification on Public Network Integrated NPN in TS 24.501 | China Telecom | CR 1945 24.501 Rel-16 | Ivo, Thursday, 10:55OK to use PNI-NPN in general. However, we should be consistent in its usage. I.e. also the 1st occurence in 4.14.3 should state PNI-NPN and title of 4.14.3 should be updated too.Michele, Tuesday, 16:14To Ivo, first comment ok, second comment not |
|  |  | [C1-200578](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200578.zip) | Discussion on requirement of sending CAG ID by UE | Samsung/Kundan | discussion 24.501 Rel-16 | Lena, THusday, 09:05Proposal 1 not acceptableProposal 2 not neededVishnu, Thursday, 14:00Fail to see the problemNo need for this CRKundan, Monday, 13:32Replies to Lena and VishnuVishnu, Monday, 14:39Does not agree with Kundan |
|  |  | [C1-200581](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200581.zip) | Handling of manual CAG selection procedure | Samsung/Kundan | CR 1957 24.501 Rel-16 | Lena, Thursday, 09:05this CR is not needed because the UE does not need to send its manually selected CAG ID to the network (see comments on C1-200578)Ivo, Thursday, 16:32- no need of the CAG selection Type bit in the 5GS update type- the AMF should send the entire CAG information list, if updated in the network, as in C1-200338 |
|  |  | [C1-200586](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200586.zip) | CAG only UE and Manual PLMN selection | Samsung/Kundan | CR 1962 24.501 Rel-16 | Lena, Thursday, 09:05CR overlaps with C1-200468, prefers to progress C1-200468 as it updates the details of the manual CAG selection procedure rather than the high-level overview of CAG selection.Ivo, Thursday, 11:00Proposal give detailed text in general section, not appropriate. Such text needs to go to text into subclause 4.4.3.1.2, as in C1-200468 |
|  |  | [C1-200589](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200589.zip) | Handling of a CAG UE at non supporting AMF | Samsung/Kundan | CR 1964 24.501 Rel-16 | PostponedBased on request from Kundan, Tuesday, 12:19Lena, Thursday, 09:05**this CR does not make sense** as it requires an AMF which does NOT support CAG to reject the UE if “the UE’s subscription contains an "indication that the UE is only allowed to access 5GS via CAG cells"”, which effectively means an AMF which does NOT support CAG is expected to somehow understand the "indication that the UE is only allowed to access 5GS via CAG cells" . The CR should be rejectedIvo, THursdy, 11:06- the document is corrupted - when opening the document, Word states "Word found unreadable content in C1-200589.docx. Do you want to recover the contents of this document? If you trust the source of this document, click Yes"- the document requires that AMF NOT supporting a feature to perform some action related to the feature . **This is not OK.** Furthermore, Rel-15 AMFs will not do so either.Vishnu, Thursday, 12:50Same understanding as Lena, **CR is not OK****Kundan, Tuesday, 09:09**Thinks the CR is needed, and wants to send an LSBan, Tuesday, 09:59Use case does not make sense, NO NEED TO SEND AN LSKundan, Tuesday, 10:15Asking questions from Ban …. |
|  |  | [C1-200688](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200688.zip) | CAG information towards the lower layers for paging | Nokia, Nokia Shanghai Bell | CR 1567 24.501 Rel-16 | Revision of C1-196737 |
|  |  | [C1-200700](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200700.zip) | Manual CAG selection | Nokia, Nokia Shanghai Bell | CR 0499 23.122 Rel-16 | Ivo, Thursday, 17:05- a) 2) ii) does not capture the case  of "CAG information list" NOT containing an entry for the PLMN and- a) 2) ii) "the PLMN allows a user to manually select the CAG-ID" - proposal to reformulate to state "CAG cell broadcasting the CAG-ID for the PLMN also broadcasts that the PLMN allows a user to manually select the CAG-ID"- a)  new paragraph - no need of "an indication that the CAG-ID is allowed" to the user. Instead, those PLMN/CAG-ID combinations should be presented first.- b) new paragraphs - no need of "indication that the MS is only allowed to access the PLMN via CAG cells" to the user. Instead, those PLMNs should be presented last.- no need of NOTE 1Ban, Thursday, 23:48Overlaps with 700Challenges the text and provides a new proposalVishnu, Friday, 10:42In principle fine, still comments, see 517Sung, Tuesday, 04:06On Issue 2, it seems that 0468 is progressing. Thus, we can use 0468 for addressing Issue 2.On Issue 1, I would like to volunteer to hold the pen, i.e. let us progress with 0700.With that proposal, 517merged in 700 and 586 in 486Sung, Tuesday, 04:40Provides a rev taking Ivo’s comment on boardSung, Tuesday, 05:20Provides a new revKundan, Tuesday, 12:38Samsung does not support manual broadcasting indicator. It should be configured based on the agreement between roaming partners and by default the UE shows the CAG ID for the PLMN for which no configuration existsBan, Tuesday, 17:46In general the conditions in the CR are OK, but a bit complex, has a proposal to modify |
|  |  | [C1-200701](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200701.zip) | Triggering mobility registration update due to manual CAG selection | Nokia, Nokia Shanghai Bell | CR 1998 24.501 Rel-16 | Seem to conflict with C1-200516Ivo, Thursday, 12:25- "or" needs to be removed from the bullet y.- I prefer C1-200701 above competing C1-200516, as C1-200701 is more complete.- Ericsson would like to cosign.Kundan, Tuesday, 11:46Wants to co-sign |
|  |  | [C1-200728](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200728.zip) | Rejection of non-emergency PDU session establishment with 5GMM cause #76 | Nokia, Nokia Shanghai Bell | CR 2007 24.501 Rel-16 | Lena, Thursday, 09:06**proposed addition does not yield any benefit**, since the MM layer does nothing with the info that the message was not forwarded to the SMF due to CAG access restrictions. So a more generic cause value (like routing failure) can be used instead.Ivo, Thursday, 12:38the scenario addressed in the **CR does not seem to be possible** as if the UE is non-emergency registered and attempts to camp on:Vishnu, Thursday, 14:53question on the scenario itself, as how it is possible -> **CR is not needed****Sung, Tuesday, 06:12**To Vishnu,CAG information list is updated, but before the AMF initiates UCU, the AMF receives UL NAS TRANSPORT message including an SM request. Then, the AMF should reject the request rather than forwarding the 5GSM message. It would not happen often and that is why it is an abnormal case. |
|  |  | [C1-200729](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200729.zip) | Handling of a UE with an emergency PDU session in terms of CAG | Nokia, Nokia Shanghai Bell | CR 2008 24.501 Rel-16 | Lena, Thursday, 09:06* The text on AMF not performing CAG access control needs to be changed to AMF not checking CAG restrictions to align with the terminology changes proposed in C1-200471
* Typo: “the UE does not pass CAG access control is not a pass”

Ivo, Thursday, 12:44Technical comment on 5.4.4.2, 5.6.1.4.1 is no readableLin, Saturday, 10:397 comments as to what needs to be improved in the Cr |
|  |  | [C1-200730](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200730.zip) | Determination of CAG cell | Nokia, Nokia Shanghai Bell | CR 0500 23.122 Rel-16 |  |
|  |  | [C1-200731](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200731.zip) | Discussion to manual CAG selection | Ericsson / Ivo | discussion Rel-16 | Lena, Thursday,09:06**not a good way forward to re-use** the HRNN as indication of whether the CAG ID can be displayed to the user if the CAG ID is not in the UE’s allowed CAG list. The HRNN was defined with a different purpose. And the proposed solution would prevent an operator who does not want to allow the user to select a CAG ID not in the UE’s allowed CAG list from broadcasting an HRNN.Similar comments apply to the related CRs in C1-200732 and C1-200733. |
|  |  | [C1-200732](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200732.zip) | Manual CAG selection | Ericsson / Ivo | CR 0501 23.122 Rel-16 | Lena, Thursday, 09:06See 0731Vishnu, Thursday, 16:15using the HRNN is NOT a good way forward due to the below reasons**not OK with the CR** |
|  |  | [C1-200733](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200733.zip) | Manual CAG selection – providing HRNN | Ericsson / Ivo | CR 2009 24.501 Rel-16 | Lena, Thursday, 09:06See 0731Vishnu, Thursday, 16:15using the HRNN is NOT a good way forward due to the below reasons**not OK with the CR** |
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|  |  |  |  |  |  | Time sensitive communication |
|  |  | [C1-200330](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200330.zip) | Support for traffic forwarding | Intel, Nokia, Nokia Shanghai Bell | other Rel-16 |  |
|  |  | [C1-200331](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200331.zip) | Additional LLDP parameters | Intel / Thomas | other Rel-16 |  |
|  |  | [C1-200339](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200339.zip) | Update of text on time synchronization | Qualcomm Incorporated / Lena | CR 1885 24.501 Rel-16 |  |
|  |  | [C1-200493](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200493.zip) | Definition alignment for UE-DS-TT residence time | vivo | CR 1928 24.501 Rel-16 |  |
|  |  | [C1-200564](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200564.zip) | Establish PDU session to transfer port management information containers | Huawei, HiSilicon/Cristina | CR 1947 24.501 Rel-16 | CRs in C1-200685, C1-200290, C1-200564 conflictLena, Thursday, 09:03CR is not needed, requirement for PDU sessions always on already covered, requirement for UE to request SSC mode 1 is not justifiedIvo, Thurssday, 15:55no need to add normative text on inclusion of Always-on PDU session requested IE in the bullet list starting with "If the UE requests to establish a PDU session of "Ethernet" PDU session type and the UE supports transfer of port management information containers, the UE shall:" as this is already captured in "If the UE requests to establish a new PDU session as an always-on PDU session (e.g. because the PDU session is for TSC), the UE shall include the Always-on PDU session requested IE and set the value of the IE to "Always-on PDU session requested" in the PDU SESSION ESTABLISHMENT REQUEST message."Cristina, Friday, 04:58Partly agrees with Lena, disagrees on SSC mode thingsCristian, Friday, 04:59Fine with Ivo commentLena, Friday, 05:03At the most, a note could be added in stage 3 stating something like “Only SSC mode 1 is supported for TSC PDU sessions”.Yanchao, Friday, 08:261. SA2 requirement “the TSC service supported PDU session should be the always-on PDU session” has already been covered by the following text copied from clause 6.4.1 of 3GPP TS 24.501:

Cristina, Friday, 10:31Delete “always-on PDU session” from proposed bullet list in new versionCristina, Friday 10:32Takes out ssc mode |
|  |  | [C1-200566](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200566.zip) | Correction on port management message direction | Huawei, HiSilicon/Cristina | pCR 24.519 Rel-16 | Merged into C1-200411Lena, Thursday, 09:05* “UE-initiated” should be changed to “DS-TT-initiated”
* The same change is covered in C1-200411

Cristina, Friday, 05:11Will consider to merge with 411 |
|  |  | [C1-200570](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200570.zip) | Add PSFP parameters | Huawei, HiSilicon/Cristina | pCR 24.519 Rel-16 | Lena, Thursday, 09:05the changes in this CR overlap with those in C1-200329, preference for the encoding proposed in C1-200329.Cristina, Friday, 09:11Explains her encoding based on IEEE |
|  |  | [C1-200571](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200571.zip) | Correction for the wrongly implemented CR1963r1 | Huawei, HiSilicon/Cristina | CR 1949 24.501 Rel-16 | Lena, Thursday, 09:06in the CR coversheet, the CR # of the CR that was wrongly implemented is not correct, it should be CR 1693 instead of CR 1963Crisitna, Friday, 07:39Fine with comment from lena |
|  |  | [C1-200573](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200573.zip) | Exchange port management information container through N4 Session Level Reporting procedure | Huawei, HiSilicon/Cristina | pCR 24.519 Rel-16 | Lena, Thursday, 09:05don’t think N4 session level procedures between the SMF and the UPF are in the scope of TS 24.519, so this CR should be rejectedCristina, Friday, 10:23Explain why Protocol aspect between NW-TT and TSN AF is in the scope of 24.519. Lena, Monday, 01:29Fine with explanation, CR is fine |
|  |  | [C1-200687](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200687.zip) | Port management IE format and length updates | Intel / Thomas | other Rel-16 |  |
|  |  | [C1-200706](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200706.zip) | Resolving editor’s notes on reliable transmission | Nokia, Nokia Shanghai Bell | pCR 24.519 Rel-16 |  |
|  |  | [C1-200708](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200708.zip) | Duplicated Ethernet port parameters in case of validation and generation of LLDP frames processed centrally at NW-TT | Nokia, Nokia Shanghai Bell | pCR 24.519 Rel-16 |  |
|  |  | [C1-200734](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200734.zip) | Clarification on calculation of the residence time spent within the 5G system | Intel / Thomas | pCR 24.535 Rel-16 |  |
|  |  | [C1-200832](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200832.zip) | Port management corrections | Intel / Thomas | other Rel-16 | Revision of C1-200411This includes 0411, Huawei as co-source, offline Cristina indicated this is fine\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Lena, Thursday, 09:06* last change is also covered in Huawei’s C1-200566
* in subclause 8.5.1, “UE-initiated” should be “DS-TT-initiated“

Cristina, Friday, 05:13OK to merge 566 and 411 |
|  |  | C1-200835 | Support for per-stream filtering and policing | Intel / Thomas | other Rel-16 | Revision of C1-200329\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Ivo, Thursday, 12:50- 9.xz - it should be stated that this is a type 6 IE - Figure 9.xz.2 - in order to enable adding additiona parameters to the table, the Figure 9.xz.2 should start with length field- pCR should be against 24.519Ivo, Thursday, 12:58More detailed commentsCristina, Friday, 09:11Explains her encoding based on IEEEThomas, Monday, 15:39Explains his viewTherefore there is no need to have more than 2 octets for coding of PSFPAdminControlListLengthCristina, Tuesday, 05:03but I’m worried about that such misalignment design with IEEE (in which 4 octets is required) may lead to compatibility issues. Sooner or later we have to face this problem.Thomas, Tuesday, 10:20To Cristina, thinks this is not a problemThomas, Tuesday, 16:12To Ivo, has taken almost all comments on board, two are not consideredRev available |
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|  | 5G\_CioT |  | Peter – Main |  |  | CT aspects of Cellular IoT support and evolution for the 5G System |
|  |  | [C1-200298](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200298.zip) | Update of Reading coverage enhancement status +CRCES for Connection to 5G Core Network | BlackBerry UK Limited | CR 0684 27.007 Rel-16 | Revision of C1-200116 |
|  |  | [C1-200328](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200328.zip) | Removal of EN and additional abnormal case for cause #31 | Samsung/Anikethan | CR 1881 24.501 Rel-16 | Osamah, Thursday, 23:10Does not agree with the proposal, leaves a security hole in the spec, at least a NOTE would be neededArni, Friday, 11:42Long explanation for the CRBut I am also ok with your suggestion that we add a note saying that it can be implementation whether any additional actions need to be taken in cases of receiving non-integrity protected reject.Would you be ok with that?And my comments are the same for 200351 as well.Osamah,Replies to Arni,If anything goes forward, then it has to be may” or “should” and then follow that with implementation note/option to allow UE to abort and do that proprietary solution.If the REGISTRATION REJECT message with 5GMM cause #31 was received without integrity protection, then the UE shall discard the messageMessage needs to be integrity protectedLin, Sunday, 10:09Commenting, IMHO, in our spec, we just need to specify that the UE will discard the NIP reject message with #31 and for all other required additional UE handling, it is up to per different UE vendor’s implementation. No need to have a NOTE to capture this as whenever something unspecified in the standard, the vendor could/will have some proprietary mechanism if they believe needed.**All in all, we do support this CR.**Some small comments as below and also apply to 24.301 CR:1. “ 5GMM cause #31 when received by a UE that has not indicated support for CIoT optimizations or when received by a UE over non-3GPP access is considered an abnormal case and the behaviour of the UE is specified in subclause 5.5.1.2.7. ” better to be reworded as:"5GMM cause #31 received by a UE that has not indicated support for CIoT 5GS optimizations or received by a UE over non-3GPP access is considered as an abnormal case and the behaviour of the UE is specified in subclause 5.5.1.2.7. "1. "Clauses affected:" in the cover page is missing.

Osamah, Sunday, 17:19Answering Lin Does not agree on common understanding from LinWhy NAS spec do not want to inform lower layer that the eLTE cell is fake? Again we did this for cause #11 from HPLMN but here we decided to ignore that attack and hope the attacker will go away by +240 sec. This looks like inconsistency in NAS specWe are of the opinion of choosing either option a) or b) and specify it in NAS. I went for adding optional text to be more flexibleAni, Monday, 12:22Can live with a NOTE; provides some text, asking Osamah whether this is fineOsamah, Monday, 15:08The NOTE will not help, as it is ruled out by existing mandatory textNobody is answering my question. Why downgrade attack with cause #31 coming from fake cell needs to be handled different than other cause code (#11,#14, ..etc) that we know come from fake cell (being added to F-TAI and no real action related to cause code is effective) and we handle them in DoS section?!!!Lin, Tuesday, 09:48Does not really like the CR but can live with it .Ani, Tuesday, 11:29Explaining to Osamah why a NOTE is all we can achieve Robert, Tuesday, 16:16Supports the very first email from Osamah…I’m not convinced that it is a good idea to leave all additional UE actions (besides discarding the Reject message) up to UE implementation.But in the past this topic was alway **driven by some operators, so maybe they have a view on this**?  |
|  |  | [C1-200351](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200351.zip) | Removal of EN and additional abnormal case for cause #31 | Samsung/Anikethan | CR 3330 24.301 Rel-16 | Osamah, Thursday, 23:10Does not agree with the proposal, leaves a security hole in the spec, at least a NOTE would be neededArni, Friday, 11:42Long explanation for the CRBut I am also ok with your suggestion that we add a note saying that it can be implementation whether any additional actions need to be taken in cases of receiving non-integrity protected reject.Would you be ok with that?And my comments are the same for 200351 as well. |
|  |  | [C1-200368](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200368.zip) | Addition of MT-EDT support indication | Ericsson, Qualcomm Incorporated, OPPO / Mikael | CR 3332 24.301 Rel-16 | Fei, Thursday, 10:18Almost fine, some rewording requestedMikael, Thursday, 11:01Agrees with Fei, will fix itYanchao, Friday.10:59Minor commentMikael, Friday, 10:55Ok to yanchaoLin, Sunday, 07:02This is MT-EDT, not related to CIoT, rather SAES16 -> clarified that this means TEI16cover page, RAN2 LS C1-200048 should be C1-200217.Some parts of the new text very confusingMikael, Monday, 11:54Can take the proosals form Lin on board, on work item, Mikael sees this as 5GCIoT, like in SA2Amer, Monday, 00:15this CR should be discussed under 5G\_CIoT and TEI16, since the corresponding stage 2 CR in S2-1912322 is also agreed under 5G\_CIoT WILet |
|  |  | [C1-200383](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200383.zip) | Resolve Editor´s Notes on NB-N1 mode extended NAS timers for CE | Ericsson / Mikael | CR 1891 24.501 Rel-16 |  |
|  |  | [C1-200384](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200384.zip) | Resolve Editor´s Notes on WB-N1 mode extended NAS timers for CE | Ericsson / Mikael | CR 1892 24.501 Rel-16 |  |
|  |  | [C1-200397](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200397.zip) | “MO exception data” access category | Ericsson / Ivo | CR 1897 24.501 Rel-16 | Merged into C1-200677 and its revisionsC1-200397, C1-200421 and C1-200677 overlap, all related to incoming LS in C1-200227 Fei, Thursday, 10:21Both CRs (421, 397)have proposed to support the ""MO exception data" in the SNPN. I am not sure whether the NB-N1 mode will be supported in the SNPN.Ivo, Thursday, 16:17unaware of any statement which excludes SNPN in NB-N1 mode. If that's correct, then someone might deploy SNPN in NB-N1 mode and the standard should be prepared for it.Ban, Thursday, 22:19agree with Ivo that there is no restriction so far to exclude NB-N1 mode for SNPN.Please note that C1-200677 provides the same solutionAmer, Friday, 00:07Agrees with Fei, . I prefer to not do this unnecessary work. At the very least, an EN should be added saying that “The support for CP CIoT in SNPN is to be verified”.Ivo, Friday, 09:21Ok to merge this in 677 |
|  |  | [C1-200355](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200355.zip) | Applicability of UE specific DRX Parameter for NB-S1 mode Indicator | Vodafone GmbH | CR 3331 24.301 Rel-16 | C1-200355, C1-200417, C1-200498 overlapping, All related to the incoming LS in C1-200237Amer, Friday, 00:32Agree with the problem, don’t agree with the proposal, prefers Option 2 in [C1-200237](https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Docs/C1-200237.zip)Yang, Friday, 08:28the CR in C1-200355 does re-use the same parameter negotiation scheme for UE specific DRX parameter negotiation in N1 mode. Addition to UE indicating its specific DRX parameter by using the existing mechanism specified in TS24.301, as described on the cover sheet, in order to resolve the backwards compatibility issue, the UE needs to indicate it’s capability of supporting the UE specific DRX in NB-S1 mode in the UE network capability IE. Can you please elaborate on your proposal as to how the negotiation will be done?We are open to discuss alternatives to fix the backwards compatibility issue. Mikael, Friday, 08:30think CT1 should wait for SA2/RAN2 to progress further before deciding on the NAS solution as a decision on alt1 vs alt2 as indicated in incoming LS C1-200237 will impact the details of a NAS solution.In my understanding, the proposal in C1-200355 may be a needed extension of alt1 to handle the described backwards compatibility issues, whereas if alt 2 is selected it is not needed.Amer, Friday, agree with Mikael’s proposal. To answer Yang’s question would prefer to copy the existing NAS procedure for negotiating eDRX parameter negotiation in 24.301, only the procedure for UE specific DRX parameters would involve two IEs, one for each mode/RAT.Lin, Sunday, 09:05Not agreeing with Amer, Option 1 has has no NBC problem, prefers 1 over option 2Amer, Monday, 20:43Asking how option 1 would address two described scenarios, Yang, Tuesday, 07:37Asking from Amer and Mikael details on their preferenceLin, TUesdy, 09:10Explaining to Amer Mikael, Tuesday,12:20Correct, as of now our preference is to select alt2 as a baseline solution. Maybe we need to tweak the details of the solution but the main feature of alt2 to introduce a new NAS IE for NB-UE specific DRX value is what we prefer.Your summary and comparison of alt2 vs your proposal is correct what I can see. We do not need a UE support indication in alt2 as use of the new IE indicates use of NB-UE specific DRX. The indication of negotiated NB-UE specific DRX value from MME to UE is sufficient for the supporting UE to differentiate supporting from non-supporting MME.Amer, Tuesday, 16:41Not agreeing with LinAmer, Tuesday, 17:16To mikael, Yang, I agree with your views below. I prefer to not use the capability indications and use the DRX parameter IEs to negotiate Rel-16 NB-S1 mode DRX parameters. This also allows the MME to provide a different DRX parameter from the one that the UE requested.  |
|  |  | [C1-200417](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200417.zip) | Support for UE specific DRX for NB-S1 mode | Qualcomm Incorporated, Ericsson / Amer | discussion Rel-16 | C1-200355, C1-200417, C1-200498 overlapping, All related to the incoming LS in C1-200237Lin, Friday, 11:36principle the whole content of this paper is confusing as it does not distinguish the discussion between EPS and 5GS while the existing DRX NAS negotiation is totoally different between EPS and 5GS.Lin, Sunday, Further comment, option 2 does not work, has NBC issueMikael, Sunday, 22:36thinks you have misunderstood alt2. At least my understanding of alt2 is different than what you describe …In my understanding, one of the main points of different understanding is that you believe the legacy MME will provide a requested UE specific DRX to the eNB also at NB access whereas our interpretation is that the legacy MME only provides the requested UE specific DRX value to the eNB in WB. I guess we need to come to a common understanding on this, or agree on a solution that satisfies both options.Lin, Tuesday, 07:52Arguing based on incoming SA2 LSMikael, Tuesday, 10:49Agreeing with some of Lin on issue 1), however, issue 2) is a RAN3 aspect |
|  |  | [C1-200419](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200419.zip) | Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions | Qualcomm Incorporated, Ericsson / Amer | CR 1672 24.501 Rel-16 | Revision of C1-198585C1-200419 and C1-200497 overlapFei, Friday, 08:15Couple of comments, proposalsYanchao, Friday, 10:25Hints at # that needs to be deletedAmer, Friday, 22:28Comments will be taken on boardLin, Sunday, 09:26Some detailed comments via drafts folder |
|  |  | [C1-200420](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200420.zip) | 5GSM congestion timers apply to data transfer over control plane | Qualcomm Incorporated / Amer | CR 1908 24.501 Rel-16 | Kaj, Thursday, 14:19In EPS, T3396 does not prevent sending of ESM DATA TRANSPORT message according to 6.5.1.4.2 and 6.5.3.4.2 in 24.301.Thus,  in 5GS, T3396, T3584 and T3585 should not prevent transfer of user data using control plane CIoT 5GS optimization.For this purpose, timer T3448 applies.Yanchao, Friday, 10:26Supports KajLin, Sunday, 09:301. Wrong CR template, e.g. the background yellow color is missing.2. The ME box should be ticked in the cover page.3. The date format is wrong in the cover page4. The release no. is wrong in the cover page.5. For the change part, prefer to use "neither A nor B nor C", not “neither A, B, nor C”. |
|  |  | [C1-200421](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200421.zip) | Definition of a new access category for MO exception data | Qualcomm Incorporated / Amer | CR 1909 24.501 Rel-16 | Merged into C1-200677 and its revisionsC1-200397, C1-200421 and C1-200677 overlap, all related to incoming LS in C1-200227Fei, Thursday, 10:21Both CRs (421, 397) have proposed to support the ""MO exception data" in the SNPN. I am not sure whether the NB-N1 mode will be supported in the SNPN.Ivo, Thursday, 14:19exception data reporting is not a regulatory service, and thus "Access attempt for MO exceptional data" should be done after "Access attempt for operator-defined access category", as in C1-200397.Ivo, Thursday, 16:18unaware of any statement which excludes SNPN in NB-N1 mode. If that's correct, then someone might deploy SNPN in NB-N1 mode and the standard should be prepared for it.Ban, Thursday, 22:19agree with Ivo that there is no restriction so far to exclude NB-N1 mode for SNPN.Please note that C1-200677 provides the same solutionBan, Thursday, 22:20Services related to regulation should come first, before the Operator-defined access category.Emergency call is regulatory requirement, where Exception data is not. Also, there is no way to prevent IoT UEs from using mo exception data, that may impact the traffic and make it uncontrollable. Therefore conceptually, operator-defined category should come first.If you agree on this comment, then we can work on merging the 3 contributions:C1-200421, C1-200397 and C1-200677.Amer, Friday, 00:07Agrees with Fei, . I prefer to not do this unnecessary work. At the very least, an EN should be added saying that “The support for CP CIoT in SNPN is to be verified”.Amer, Friday, 00:11I am OK with moving the new row below ODAC. However, as I explained in the other thread about C1-200421, there is no support for CP CIoT in SNPN, so the related subclause should be removedLin, Sunday, 07:19We believe CP CIOT can be supported by SNPN via NB-IoT/eMTC connected to SNPN 5GCN. At least we did not see any clear spec text in both SA2/CT1 to exclude it, so by default, I can be supported. But we could live with to add an EN to capture this without touching SNPN as the timebeing.It seems C1-200421 and C1-200397 will be merged into the revision of C1-200677, I do support this wayBan, Monday, 12:30Provides a rev of 677 in the drafts folder, is this fine for all, i.e. can 421, be mergedAmer, Monday, 19:52We are OK with merging C1-200421 into C1-200677-r1 and we would like to co-sign the CRAmer, Tuesday, 00:48Still want to keep the en |
|  |  | [C1-200424](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200424.zip) | Update of +CNMPSD for NR | BlackBerry UK Ltd. | CR 0685 27.007 Rel-16 |  |
|  |  | [C1-200495](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200495.zip) | Enhancement on CPSR for CIoT CP data transport | Huawei, HiSilicon, Vodafone, ZTE, China Mobile, China Telecom, CATT/Lin | CR 1701 24.501 Rel-16 | Revision of C1-198581Mikael, Friday, 01:35Compared to previous version of this CPSR optimization proposal, ngKSI and SN have been shortened and combined into one octet.Shortening SN will result in security impact and decreasing the window for accepted NAS COUNT values at replay protection. This is not acceptable for us and the previous “normal” 8 bit SN needs to be used.Shortening ngKSI will loose the TSC indication. We believe there are cases when this is needed and given that there is no actual saving in message size, assuming SN is reverted to 8 bits, we would prefer to also keep the “normal” ngKSIBehrouz, Friday, 17:07Supports Mikael, general position in regards to this topic has not changed. I don’t see any strong reason for defining a Non-Standard L3 message, creating an exceptional case and, hence, making the protocol more complex.Vivek, Friday, 17:36Our views have not changed on this topic as well, and we are \***not**\* in favor of further optimization of CPSR message by defining this as a non-standard L3 message.Lin, Monday, 01:43Fine with Mikael’s proposal, rev in drafts folderLin, Monday, 02:00To behrouz, Vivek, The CPSR message is a NEW NAS message in 5GS and dedicatedly used for CP CIOT data transport, which is already a special NAS message. As we discussed/analyzed in the past, even to save one octet for this message over NAS, will save much more transport block and restrasmission over AS layer and finally will improve the CIoT device battery life and signaling efficiencLooking whether Vivik Behrouz can live with the rev in drafts folderJennifer, Monday, February 24, 2020Our position remains the same as well.  In 5G, there is no non-standard L3 NAS message, 5G Service request is designed as standard L3 NAS message. Introducing a new non-standard L3 NAS message would incur much development complexity and testing overhead. We are not convinced that there is need to introduce the CPSR message as a non-standard L3 NAS message.Yang, Tuesday, 08:41Accepts Mikaels comment, sconds what Lin said |
|  |  | [C1-200496](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200496.zip) | Ciphering and deciphering handling of CPSR message | Huawei, HiSilicon/Lin | CR 1930 24.501 Rel-16 |  |
|  |  | [C1-200497](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200497.zip) | UE-requested user-plane resources release in NB-N1 mode | Huawei, HiSilicon/Lin | CR 1931 24.501 Rel-16 | C1-200419 and C1-200497 overlapAmer, Friday, 00:43this proposed optimization does not provide a favorable cost-benefit tradeoff, existing solution not optimal, but works, prefer to not agree to this CR in Rel-16Lin, Friday, 06:00Coment form Amer to general, asks for more detailsFei, Friday, 08:45I share the same view with Amer and the additional enhancement is not needed.Lin, Friday 10:35Explains benefit of the proposalFei, Friday, 10:42Does not agree, questions why you are talking about the DL packets. If the UE has already two DRBs, how the AMF triggers the setup of the DRB.Lin, Friday, 15:38Explains his position with exampleKaj, Friday, 17:23There is no stage-2, and that would be neededAmer, Friday, 21:53Fei and Kaj provided the details you requested from me. I second their comments and re-affirm my position that **this CR is not needed in Rel-16**Fei, Friday, 02:35actually this CR has introduced a UP to CP data transfer switch mechanism, which has no stage 2 requirement either.Lin, Saturday, 14:22Defends his case, explains other cases where there was no explicite stage-2 eitherLin, Saturday, 14:29To Fei please do not confuse something! Defends his caseTo Amer, Sunday, 15:15You just provided a general comment “does not provide a favorable cost-benefit tradeoff” but what Kaj and Fei’s comments are related to stage 2 requirement for which I have clarified.So I still did not get your specific technical comments.Asking for a technical commentAmer, Sunday, 19:01- The existing stage 3 solution fulfills the stage 2 requirements of ensuring that not more than 2 PDU sessions have active user plane resources- Based on the above, your proposal is an optimization. The implementation effort for this optimization outweighs the benefits, in my opinion, especially at this stage in the release: -- It is simpler to implement the logic to release a PDU session beyond instead of a logic to handle the corner cases like the one you described below + a new NAS procedure. For most NB-IoT devices, I think the existing solution will be sufficient.-- Augmenting the NAS protocol by adding new features to it for small gains goes against the objective of making simple and cheap IoT devices- NAS protocol currently does not support a procedure for the UE to initiate a release of active UP resources of a PDU session. This would be a substantial addition to the NAS protocol that should be evaluated and OK'ed by SA2 first.**Based on the above, my proposal is to submit this idea to SA2, and if agreed in SA2, work on it as a Rel-17 enhancement****Kaj, Sunday, 22:52**this CR proposes a new procedure and as CT1 does not own the stage 2, the stage 2 responsible group should specify such procedure i.e. SA2.**Lin, Monday, 02:25**Answering to Amers commments**Lin, Monday, 02:25**Answering to Kaj comments, this is not a new procedure**Fei, Monday, 02:50**Does not agree with Lin, If the PDU session is not CP only PDU session and the network has indicate the support of N3 data transerfer and CP in the registration accept message, then when the UP resource of the PDU session is released, the UE can send the small data over CP for this PDU session. This is somehow considered as the UP to CP switch.Lin, Monday, 04:41Does not agree with Fei, explaining whyAmer, Monday, 19:43It seems that we both agree that your proposal is an optimization to the current solution, which meets the requirements. We disagree on the need to implement this optimization. A I stated below, I think that the cases where your proposal will make a difference are rare and unlikely to occur, and as such are **not worthy of addressing by creating a new NAS signaling procedure at this stage in Rel-16.**Kaj, Monday, 20:18this is a new procedure, UE initiated user plane release procedure, create new mechanisms in NAS and CN to coop with a RAN limitation, makes no sense.Lin, Tuesday, 03:01Arguing with Kaj why the CR is needed and is not new |
|  |  | [C1-200498](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200498.zip) | NAS evaluation on options for UE specific DRX for NB-IoT | Huawei, HiSilicon/Lin | discussion Rel-16 | C1-200355, C1-200417, C1-200498 overlapping, All related to the incoming LS in C1-200237Amer, Friday, 01:13Disagrees with proposal 1 and proposal 2, proposal 3 out of scope |
|  |  | [C1-200500](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200500.zip) | Discussion on truncated 5G-S-TMSI over NAS | Huawei, HiSilicon/Lin | discussion Rel-16 |  |
|  |  | [C1-200501](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200501.zip) | Truncated 5G-S-TMSI over NAS | Huawei, HiSilicon/Lin | CR 1932 24.501 Rel-16 | Yang, Thursday, 11:36Proposes usage of a Note, instead repeated textFei, Thursday, 11:38The UE behaviour shall also be enhanced to indicate the UE will provide this info to the lower layer since the truncated S-TMSI is used over the RRC interface.Mikael, Friday, 15:45Whyi is PNB usedDoes not think that normative requirement needed in NAS specBehrouz, Saturday, 20:27new IE that you are introducing should be a Type 4 IE of TLV format and, hence, of Length = 3.Lin, Monday, 04:07Has taken almost all comments on board, rev in drafts folder, asks for confirmationFei, Monday, 10:32Suggests some rewording in the revAmer, Monday, 19:22It is untestable what the UE provides to the lower layer; namely: 5G-S-TMSI or the 5G-S-TMSI configuration. Whichever option we select in the specs is unenforceable through testing. So this should not be a requirement, but rather a noteLin, Tuesday 03:16Fine with Amer’s proposal, has a rev in drafts folder |
|  |  | [C1-200502](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200502.zip) | AMF behavior on stop T3448 | Huawei, HiSilicon/Lin | CR 1933 24.501 Rel-16 |  |
|  |  | [C1-200503](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200503.zip) | No SMS in payload container IE in CPSR message | Huawei, HiSilicon/Lin | CR 1934 24.501 Rel-16 | Kaj, Friday, 17:47some sympathy with your proposal but I do not fully agree with the conclusion.If the UE wants to both send SMS and e.g. synchronize PDU session status with the NW, then the Payload container IE must be used.Lin, Monday, 04:28Agrees with Kaj’s proposals, provides rev in drafts folderKaj, Monday, 09:44Almost fine with the rev, more changes requestedLin, Tuesday, 03:19Takes Kaj comment on board, updates cover page as requested |
|  |  | [C1-200580](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200580.zip) | Stopping of T3513 after connection resume for user plane CIoT 5GS optimization | Samsung/Mahmoud | CR 1956 24.501 Rel-16 | Lin, Sunday, 10:12Fine, Better to be category F CR.Change part needs also to refer TS 36.413Lin, Monday,09:43Corrects his comments,on reference Although email is a bit confusing:Lin, Tuesday, Corrects his comments, right ref is 38.413, which is used in the CR |
|  |  | [C1-200588](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200588.zip) | Ambiguity in the suspend indication from lower layers to the NAS | Samsung/Mahmoud | discussion 24.501 Rel-16 | Amer, Friday, 01:28any breakdown in the meaning of the suspend indication that would be introduced in the specs would be untestable, provides an alternativeMahmoud, Friday, 02:10I would like to point out that the text you propose below is for the case when the pending procedure is registration request or service request procedure.The CR also covers the case that the pending procedure is an UL NAS TRANSPORT for sending data which is a different paragraph, and just adding “Control Plane Service Request” there does not suffice.Mikael, Friday, 08:48paper is relevant and when looking at NAS specification the same lower layer indication seems to trigger two different behaviors. It should be clarified by RAN2 how these cases are distinguished so therefore I support sending an LS to request clarification, but I would prefer to leave it open for RAN to explain or resolve without CT1 pointing at any specific required action.Mahmoud, Friday, 16:37Explains to Amer, ok to reword the LSBehrouz, Friday, 19:45it is absolutely clear that there are two possible actions for the UE to take for the exact same indication form the lower layers. Hence, we too are of the understanding that something has to be done to resolve this issue. We would like to, therefore, support sending an LS to RAN2.Mahmoud, Friday, 21:35….In other words, the UE can implement this distinction in any way it wants. The proposal about different naming is just to remove the confusion in the specs.At any rate, sending an LS along the lines of what Mikael suggested is fine. No need to hint any (untestable) solutions.Rae, Monday, 10:14Based on the discussion paper, I also think the issue does exist.Also it is better that keep CT1 spec and RAN2 spec align for the indication between NAS layer and RRC layer.So I support what Mikael suggested, i.e. sending an LS to RAN2 to let RAN2 clarify. |
|  |  | [C1-200592](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200592.zip) | Recovery from fallback for UEs using CP CIoT optimization | Samsung/Mahmoud | CR 1966 24.501 Rel-16 | Amer, Friday, 01:42OK with the rationale and the objective of the CR. We think that the same objective could be achieved with much less impact on the specification, provides an alternativeKaj, Friday, 11:36Almost find, I’m almost fine with the CR except:* for the last update, the NAS message container could be included if the UE wants to sync PDU session status (PDU session status IE). Maybe you could change to:
	+ *the* *UE shall send the CONTROL PLANE SERVICE REQUEST without including the Payload container IE and without including the CIoT small data container IE.*

Amer, Friday, 21:23existing text says “If the UE has only uplink user data or SMS to be sent…” Doesn’t this cover it?Mahmoud, Friday, 23:15Explaining to Amer section 5.3.1.4: does not apply for UEs that use CIoT optimization further explanation, asking Amer to give comments specific per each sectionLin, Sunday, 09:41We also agree with the intention of the CR and need to do something but the proposed changes are overdone as some cases will not happen for UE is using CP. Detailed comments via DRAFTSMahmoud, Monday, 05:02Takes Lin’s proposal into account, provides new revisiokn and explains why. Lin is asked to confirm that this clarifies his commentsLin, Tuesday, 10:42Clarifies that the case needs to be more specific, i.e rewording for conditionMikael, Tuesday, 14:42I am fine in general with the intentions of the CR, but a couple of minor comments for now:….. |
|  |  | [C1-200593](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200593.zip) | Service area restrictions for UEs using CIoT 5GS optimization | Samsung/Mahmoud | CR 1967 24.501 Rel-16 | Amer, Friday, 01:42are there any stage 2 requirements to support this stage 3 CR?Mahmoud, Friday, 02:01have not seen any requirement stating that service area restriction is not applicable for UEs that use CIoT 5GS optimization, and the current service area restriction have not considered such UEsKaj, Friday, 11:36Almost fine, but what is the motivation for "*or a DL NAS TRANSPORT message with the Payload container type IE to set to "CIoT user data container" has been received"* ?To me the NW should not send a DL CIoT user data container in the first place when the UE is in non-allowed area.Mahmoud, Friday, 17:45Explains the motivation to KajAmer, Friday, 21:11I was not able to find any stage 2 requirements for allowing the UE to:* send exception data inside a non-allowed area.; or
* initiate UL NAS transport procedure to transport CIoT user data container upon receipt of a DL NAS TRANSPORT msg with CIoT user data container inside a non-allowed area.

Are there such requirements?Mahmoud, Friday, 22:42There are no such reqs, but we need to consider these UEs…… if you have other suggestions for this then please provide them. However, it is clear that something needs to be done for UEs that use CIoT 5GS optimization that are in restricted service area.Mahmoud, Saturday, 23:44Further clarifies his comments and answers to KajLin, Sunday, 10:23Fine in general, detailed comments via drafts folderMahmoud, Monday 05:24One comment no problem to take into account, **your comment about network not sending CIoT user data to the UE while in a restricted area, I am not sure about that.** As mentioned to Kaj in another email, the restriction in SA2 is about 5GSM signalling. Noting that SMS is not prohibited in the DL, it is not evident to me that CIoT user data cannot be sent by the network. I am of the opinion that the network can choose to do so if it wants.Please provide further thoughts on thisAmer, Monday, 19:08My position is that this rationale should be discussed and **agreed in stage 2 first before we can agree to your CR in stage** *3*.Mahmoud, Monay, 19:54To Amer, asking for any suggestions for improvement. Yet, you seem to question the entire concept.If this is the case, then we need to send an LS to SA2 to ask about guidance on the applicability of service area restriction to UEs that use CIoT 5GS optimization. I will draft and share one.Amer, Monday, 00:10On the LS, I am OK with asking SA2, if everyone else is OK too, about the exception to the service restriction for exception data, proposal to exempt UL data transfer to send an application layer ACK, I don’t agree with that questionLin, Tuesday, 10:54Limit the scope of the TR, and maybe we can not touch DL in this meeting and then discuss it separately in the next meetingAmer, Tuesday, 16:36Wants to see a draft CR showing the remaining aspects before providing comments |
|  |  | [C1-200594](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200594.zip) | Adding reference to TS 24.501 for exception data reporting  | Samsung/Mahmoud | CR 0047 24.368 Rel-16 | Merged into C1-200773 and its revisionsBan, Tuesday, 12:54Wants this to be merged into 773Mahmoud, Tuesday, 16:31Fine with the merge |
|  |  | [C1-200618](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200618.zip) | Value range of UE specific DRX in NB-S1 mode | Vodafone GmbH | CR 3212 24.008 Rel-16 | Amer, Friday, 01:47Believes CR is inmature, CT1 should first agree on a complete stage 3 solution for signaling of UE specific DRX parameters for NB-S1 mode, - There is a related ongoing discussion in RAN2 on the value range of UE specific DRX parameters for NB-S1 modeLin, Sunday, 09:11believe the original motivation of RAN to support this feature is to shorten down the paging latency as currently NB UE can only use eDRX for paging.So if we want to define the value range, then we would prefer to have the value range as {320ms, 640ms, 1.28s, 2.56s, 5.12s, 10.24s}We also believe that the UE specific DRX value and the cell specific DRX value are two different concepts and there is no requirements they have to use the same value range |
|  |  | [C1-200658](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200658.zip) | Correction to UL CIoT user data container not routable or not allowed to be routed | Ericsson /kaj | CR 1978 24.501 Rel-16 | Amer, Friday, 01:50the CR doesn’t have any UE impact. If that is correct, the ME box in the cover sheet should be unchecked. Lin, Sunday, 07:22Based on existing text in sub 5.4.5.2.4, only cause #22 needs to be included to sent to the UE in your proposal.Untick ME boxKaj, Tuesday, 13:20All comemnts accepted, reflected in a rev |
|  |  | [C1-200661](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200661.zip) | Single downlink data only indication and release of NAS signalling connection | Ericsson /kaj | CR 1979 24.501 Rel-16 | Mahmoud, Thursday, 19:10Request changes to conditions Amer, Friday, 01:51No UE impact, untick MELin, Sunday, 07:27In principle the CR is fine but I some proposal under.<https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Inbox/Drafts/C1-200661-single-dl-data-only-indication-and-signalling%20connection-release-v01-Lin.docx>Kaj, Tuesday, 11:15Some of the proposals taken on board, requesting aconcrete proposal form Mahmoud on some aspects |
|  |  | [C1-200663](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200663.zip) | PDU session status with control plane service request message | Ericsson /KAJ | CR 1980 24.501 Rel-16 | Amer, Friday, 01:53first change is incorrect. The correct statement is already in sc. 8.2.30.6. So I propose to remove the first change. After the removal, the ME box on the cover sheet should be uncheckedFei, Friday, 09:02the second change should be included in the subclause 5.6.1.4.2.Lin, Sunday, 07:35CR is fine, some detailed comments, in drafts folderKaj, Tuesday, 09:27Does not agree with all comments, will update the proposalFei, Tuesday, 09:44I would be fine if you also make the alignment for the UE not using the ciot subclauses.Lin, Tuesday, 11:08Fine with parts, however, second change needs to be clearer |
|  |  | [C1-200666](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200666.zip) | Service gap control timer corrections | Ericsson /kaj | CR 3335 24.301 Rel-16 |  |
|  |  | [C1-200669](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200669.zip) | Service gap control, correction when to start service gap control timer in UE and NW | Ericsson /kaj | CR 1981 24.501 Rel-16 | Lin, Sunday, 07:36CR is fine but better to reword the "initial registration" to "registration procedure for initial registration" in the NOTE,Kaj, Tuesday, 08:40Acks Lin’s comment, will address it  |
|  |  | [C1-200672](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200672.zip) | Clarification of control plane service request message options | Ericsson /kaj | CR 1982 24.501 Rel-16 | Mahmoud, Thursday, 20:36Number of comments/questionsLin, Sunday, 07:48Some parts of the CR can go out, bullet d) to go in a NOTEKaj, Monday, 22:56Responding to Mhamoud, Line, acknowledging the comments, providing a rev in drafts folder |
|  |  | [C1-200675](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200675.zip) | CIoT user data container in CPSR message not forwarded | Ericsson /kaj | CR 1743 24.501 Rel-16 | Revision of C1-198950Amerd, Friday, 01:54the CR doesn’t have any UE impact. If that is correct, the ME box in the cover sheet should be uncheckedLin, Sunday, 07:51Alll in all, we do not like the CR direction and would prefer to go another direction, i.e. the NW rejectsKaj, Tuesday, 08:33Only agrees with the second of Lin’s comments, not with the first one |
|  |  | [C1-200679](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200679.zip) | Clarification on the use of exception data reporting  | DOCOMO Communications Lab. | CR 1984 24.501 Rel-16 | Lin, Sunday, 10:32Fine, some rewording, via draftsBan, Sunday, 12:03Fine with proposals from Lin, |
|  |  | [C1-200682](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200682.zip) | MO exception data for NB-IoT in 5G | DOCOMO Communications Lab., Ericsson | CR 1986 24.501 Rel-16 | WithdrawnCR was withdrawn as it used a CR number requested for 24.501 instead of 24.368 |
|  |  | [C1-200773](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200773.zip) | MO exception data for NB-IoT in 5G | DOCOMO Communications Lab., Ericsson | CR 0048 24.368 Rel-16 | CR was originally provided as C1-200682, on time, new CR number was needed for 24.368 |
|  |  | C1-20782 | 5G-GUTI reallocation after resume from 5GMM-IDLE mode with suspend indication due to paging | Samsung/Mahmoud | CR 1959 24.501 Rel-16 | Revision of C1-200583\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Fei, Thursday, 11:55motivation of the CR is fine. However one more condition should be added to clarify that this is only applied for the MT access resume cause.Now the CR looks that even the resume procedure is triggered by the mo-signalling or mo data, the 5G-GUTI allocation is also required during the lifetime of the NAS signalling connection.Mahmoud, Thursday, 16:25Provides an answer to FeiFei, Friday, 02:54Fine with Mahmoud comment, provides a proposed wordingMahmoud, Friday, 03:38Ok with the wording form Fei, will provide a revisionMahmoud, Friday, 19:17Announces revisionKaji, Sunday, 22:28**Explaining security aspects … given this I do not see that the proposed change is needed.****Mahmoud, Monday, 14:22****Explaining to Kaj that there are security issues that need to be resolved****Kaj, Monday, 22:36****To Mahmoud**Note that there is no 5G-GUTI re-allocation requirement in stage 2 for the MO service request which could happen over and over again from 5GMM-IDLE to 5GMM-CONNECTED without a 5G-GUTI re-allocation in between.SA3 did not see the lack of 5G-GUTI re-allocation at MO service request as a security issue.The same reasoning applies for paging with resume response caseMahmoud, Monday, 23:25Not agreeing with kaj, Again, I have clarified that paging with same 5G-S-TMSI twice should not be possible with the current SA3 requirement. And I also demonstrated that there is a case (as explained by our CR) where this breaks. **At this point, we should ask SA3 for guidance on this important security matter.****I therefore will draft an LS to SA3 on this and let them tell us what the requirement is**.**Kaj, Tuesday, 08:19**The current TS 33.501 is clear about when 5G-GUTI reallocation shall take place and resume response to paging request is not one of the triggers.According to our SA3 colleagues this is intentionally.**If Samsung wants to also have paging with resume response as a trigger, then this should be handled in SA3 via regular CR and not via a LS from CT1.** |
|  |  | C1-20783 | Adding an editor’s note for suspend indication due to user plane CIoT 5GS optimization | Samsung/Mahmoud | CR 1961 24.501 Rel-16 | Revision of C1-200585Lin, Tuesday, 12:11fine\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Amer, Friday, 01:32disagree with the editor’s note. Resolving the EN would amount to designing the API between AS and NAS, which would be untestable, provides an alternativeMikael, Friday, 08:59Something needs to be done in 24.501, an EN would be good, provides some textMahmoud, Friday, 19:46Fine with mikael’s suggestion, announces a revision Amer, Friday, 23:53Suggests to only to an EN ditor’s Note: Clarification is needed to differentiate the suspend indication due to the use of user plane CIoT 5GS optimization from a suspend indication due to the RRC entering the RRC inactive stateMahmoud, Saturday, 00:33Different wording for the EnAmer, Saturday, 01:00Fine with the ENMikael, Saturday, 10:26FineLin, Sunday, 10:15Fine, use CAT FMahmoud, Tuesday, 00:29Update available ackAmer, Tuesday, 00:51783 looks ok |
|  |  | [C1-200786](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200626.zip) | Indication of change in the use of enhanced coverage | BEIJING SAMSUNG TELECOM R&D | CR 1975 24.501 Rel-16 | Revision of C1-200626Amer, Monday, 18:38Looking for 786\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Amer, Friday, 01:48are there any stage 2 requirements to support this stage 3 CRFei, Friday, 08:57Wants to discuss stage-2 firstMahmoud, Friday, 17:58Highlights that there are stage-2 reqs, cover page explains the issueAmer, Friday, 20:44not debating the need for the indication but I **disagree that CT1 can introduce it without SA2 requirements**. The restriction on the use of EC is a system-wide feature and modifications to the related procedures need to be considered by SA2. They should confirm the need for the indication; if OK’ed, SA2 should decide what is the best procedure to use to provide it to the UE, how it fits in with the similar indications in the core NW, should other nodes be involved too (as Fei hintedMahmoud, Friday, 23:52To Amer, CT1 can discuss this. There is a CR to SA2 emeeting, linkage will be provided on the cover sheet, based on that, asking for more commentsAmer, Saturday, 02:02Thanks for SA2 info, asking one more question/suggestionMahmoud, Saturday, 02:49That does not work. Sending a CUC message containing only the Configuration update indication IE with registration requested bit set is specifically used for the purpose of AMF relocationAmer, Saturday, 04:00Can’t see the limitation mentioned by Mahmoud in 24.501Lin, Saturday, 08:41support the CR to resolve this gap between the UE and the NW on using the extended NAS timer for UEs in CE mode B. some comment on the IE codingAmer, Saturday, 12:20Commenting, One way to make the new proposed indication useful would be to have it directly indicate to the UE whether the enhanced coverage is restricted or not without requesting registration. That would avoid the need to trigger the registration procedureMahmoud, Saturday, 21:31I am sorry but your proposal changes the fundamental principle that features are requested by the UE via registration procedure and usage of a feature is indicated to be allowed by the network in the Reg. Accept message.It is important for the UE to register and for the network to indicate whether or not EC is being used, and based on this negotiation the AMF can inform the SMF so that all the network entities are in synch.This is how it has been and so we don’t like to deviate from this principle.What is the issue with the UE registering again?Mahmoud, Saturday, 21:31To Amer, pls check section 5.3.1.1.Mahmoud, Saturday, 21:32Fine with Lin’s way forward, rev will be in 00786Amer, Sunday, 04:06Still not convincedThe issue with the UE re-registering, from the UE point of view, is:- The REGISTRATION REQUEST message would carry zero useful information. Sending such messages is a bad protocol design.- These are NB-IoT devices, which are supposed to have lean, (power-)efficient protocols.Mikael, Sunday, 18:07Agrees with much of what Amer is saying, long explanationso therefore we believe the **discussion needs to be concluded in SA2 before an alignment in CT1 can be agreed.** At least we need to have the finally agreed SA2 CR available before we can agree a CR in CT1. We cannot at this time assume that the changes will be limited to what is captured in the SA2 CR as submittedFei, Monday, 02:08I agree with what Amer said. If the subcription changes to the restriction of the use, then there is no need for the UE to trigger the registration procedure. This is somehow like the SMS availability indication. |
|  |  | [C1-200792](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200435.zip) | UE behaviour when T3447 running | ZTE | CR 1917 24.501 Rel-16 | Revision of C1-200435Lin, Tuesday, 10:12Fine with the CR, some aspect openFei, Tuesday, 10:37Clarifies that the aspect mentioned by Lin is already addressed\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Amer, Friday, 00:36if T3447 is running than the UE cannot send any data for any service. So what is the rationale for the urgency to report change in PS data off status while T3447 is running?Fei, Friday, 04:28Answers the questions from AmerAmer, Friday, 21:58Thanks for the clarification.Lin, Sunday, 14:571. normally the UE cannot modify an emergency PDU session and hence, it would be better to refer the error cases as specified in sub 6.4.1.3 and 6.3.2.3, e.g. yellow text added.
2. changed sub 5.4.5.2.6 is only for the connected mode, then how about the idle mode? When T3447 is running in the idle mode and the PS data off is changed, then whether the UE is still allowed to initiate the SR in order to send the PDU session modification? IMHO, it think so and hence the required change for the idle mode is also needed.
3. The “or” at the end of below text needs to be removed.

Fei, Monday, 08:26Rev in drafts folder, all taken on board |
|  |  | C1-200812 | Support for the signalling of the capability for receiving WUS assistance information | Qualcomm Incorporated / Amer | CR 1907 24.501 Rel-16 | Revision of C1-200418Lin, Tuesday, 10:07Please reword condition\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Yanchao, Friday, 10:13AMF<>MME change neededMikael, Friday, 11:02don’t use ”doesn’t”, use “does not”. 4 places.Fei, Friday, 11:33Indicate stage-2 cr on cover page dependencyIf and only if rewordingAmer, Friday, 22:28Takes all comments received on boardMahmoud, Friday, 23:03What does “active emergency PDU session” mean exactly? I have not seen this term in the spec.Amer, Saturday, 00:49Same active” condition as the stage 2 CR, but will clarify this furtherFei, Saturday, 02:25believe that "active' can be removed. Lin, Sunday, 09:20In prinviple fine, some comments via drafts folderAmer, Tuesday, 01:55Regarding the comment to remove the condition on not having any emergency sessions: the reply LS from SA2 that you quoted confirms the condition and so does the stage 2 text. So can you clarify your request to remove the condition on not having any emergency sessions? |
|  |  | [C1-200821](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200821.zip) | UAC updates for NB-IoT to include "MO exception data" | DOCOMO Communications Lab. | CR 1983 24.501 Rel-16 | Revision of C1-200677\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C1-200397, C1-200421 and C1-200677 overlap, all related to incoming LS in C1-200227Amer, Friday, 01:56As explained for C1-200421, there is no support for CP CIoT in SNPN, so the related subclause should be removedIvo, Friday, 14:14OK to revert changes for SNPN, i.e. in Table 4.5.2A.2. However, I would like to see an editor's note, e.g. "The support for CP CIoT in SNPN is to be verified" under Table 4.5.2A.2.Fei, Tuesday, 04:32Fine with the rev from Ban |
|  |  | C1-200831 | Stop T3565 upon connection resumption | vivo / Yanchao | CR 1900 24.501 Rel-16 | Revision of C1-200400\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Corrected agendaLin, Monday, 09:41The CR is fine with some comments to improve it ….Yanchao, Monday, 10:46To Lin, comments taken on board, rev in drafts folderFei, Monday, 11:18**Reference to 36.413 is not right**.The correct reference should be 38.413. Otherwise it means that the AMF will support the S1 interface.Although the NR does not support the CIoT, the eNodeB still needs to update to support N2 and N3 interface for the 5G\_CIoT.Lin, Monday, 11:22I am talking about E-UTRA connected to 5GCN, which is NGAP between eNB and AMF, not S1.For E-UTRA connected to 5GCN, it was covered in 36.413, not in 38.413.**Fei; Monday, 11:31****Does not agree with Lin on the reference****Amer, Monday, 20:47****Wanted to know whether agenda item is correct?****Fei, Tuesday, 03:18,** **Agenda item is correct****Lin, Tuesday, 09:54****After checking, agrees with Fei** |
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|  | 5WWC |  | Peter – Main |  |  | CT aspects on wireless and wireline convergence for the 5G system architecture |
|  |  | [C1-200276](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200276.zip) | Secondary authentication and W-AGF acting on behalf of FN-RG | Ericsson / Ivo | CR 1689 24.501 Rel-16 | Revision of C1-198161 |
|  |  | [C1-200277](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200277.zip) | EAP-5G handling and transport of NAS messages for wireline access | Ericsson / Ivo | CR 0110 24.502 Rel-16 | Revision of C1-198159 |
|  |  | [C1-200278](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200278.zip) | SUCI used by W-AGF acting on behalf of FN-RG | Ericsson / Ivo | CR 1870 24.501 Rel-16 | Conflict with C1-200754 in subclause 5.3.2 |
|  |  | [C1-200279](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200279.zip) | Resolving editor's note on W-AGF acting on behalf of FN-RG not using the "null integrity protection algorithm" 5G-IA0 | Ericsson / Ivo | CR 1871 24.501 Rel-16 |  |
|  |  | [C1-200280](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200280.zip) | Resolving editor's note on service area restrictions in case of FN-BRG | Ericsson / Ivo | CR 1872 24.501 Rel-16 |  |
|  |  | [C1-200281](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200281.zip) | Resolving editor's note in forbidden wireline access area | Ericsson / Ivo | CR 1873 24.501 Rel-16 |  |
|  |  | [C1-200282](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200282.zip) | Wireline 5G access network and wireline 5G access | Ericsson / Ivo | CR 1874 24.501 Rel-16 |  |
|  |  | [C1-200283](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200283.zip) | PEI clean up | Ericsson / Ivo | CR 1875 24.501 Rel-16 | Roozbeh, Thursday, 19:19IMEISV on cover page to be aligned with 5.3.2Ivo, Friday, 09:40Does not undertand the comment, explains backgournd, any guidance?Roozbeh, Saturday, 02:15I was more referring to that 5G-RG does not contain either IMEI or IMEISV. If you think the reader should know that IMEISV is derived from IMEI and removing the IMEISV from the above as an obvious thing, that is fine. But I have some concerns that is the case.Ivo, Monday, 14:24To Roozbeh, it is not clear which changes are required, asking for a concrete proposalIvo, Tuesday 09:51Provides a rev in drats, asks whether there are any commentsRoozbeh, Tuesday, 16;28Fine with the draft from Ivo |
| doe |  | [C1-200284](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200284.zip) | Alignment for stop of enforcement of mobility restrictions in 5G-RG and W-AGF acting on behalf of FN-CRG | Ericsson / Ivo | CR 1876 24.501 Rel-16 |  |
|  |  | [C1-200285](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200285.zip) | Introduction of GCI and GLI | Ericsson / Ivo | CR 1877 24.501 Rel-16 | Roozbeh, Thursday, 19:23C1-200285 and C1-200761 are collidingIvo, Friday, 08:11Does not understand the comment, as 285 and761 are CRs on different TSsChristian, Saturday, 16:55Supports the CR, has two comments, with that would want to co-signIvo, Monday, 08:51Provides a rev in the drafts folder and asks whether this is sufficientLazaros, Monday, 10:26There is a typo |
|  |  | [C1-200300](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200300.zip) | Additional QoS Information in an untrusted non-3GPP network | Motorola Mobility, Lenovo | CR 0111 24.502 Rel-16 | Revision of C1-200002Ivo, Thursday, 14:23Many detailed comments on the sectionsRoozebeh, Friday, 07:20Provides answers in a revisionIvo, Monday, 13:29Requests additional changesRoozbeh, Tuesday, 06:31Provides the revisionIvo, Tuesday 09:09Does not like the rev from RoozbehRoozbeh, Tuesday, 16:16Provides new revision |
|  |  | [C1-200302](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200302.zip) | Removal of editor's notes for N5CW device | Motorola Mobility, Lenovo | CR 0112 24.502 Rel-16 | Revision of C1-200005Ivo, Monday, 16:07- the editor's note in 7.3A.4.2 cannot be removed since subclause 28.7 of 3GPP TS 23.003 [8] is not sufficient clear on the NAI to be used. |
|  |  | [C1-200304](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200304.zip) | Removal of an editor's note | Motorola Mobility, Lenovo, BlackBerry UK Ltd. | CR 0113 24.502 Rel-16 | Revision of C1-200006 |
|  |  | [C1-200305](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200305.zip) | PDU session handling for N5CW device | Motorola Mobility, Lenovo | CR 1641 24.501 Rel-16 | Revision of C1-200007Ivo, Monday, 16:14details on TWAN and TWAP are out of scope of 24.501, as they do not send NAS messages. It is sufficient to refer to TWIF only, as TWIF sends NAS messages.Roozbeh, Tuesday, 06:27Provides the reRoozbeh, Tuesday, 16:21New rev, now has Ericsson as co-signer, requested by Ivo |
|  |  | [C1-200454](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200454.zip) | ACS information via DHCP | ZTE / Joy | CR 1919 24.501 Rel-16 |  |
|  |  | [C1-200455](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200455.zip) | LADN service does not apply for RG connected to 5GC via wireline access | ZTE / Joy | CR 0070 24.526 Rel-16 |  |
|  |  | [C1-200518](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200518.zip) | Work plan for the CT1 part of 5WWC | Huawei, HiSilicon /Christian | discussion Rel-16 |  |
|  |  | [C1-200754](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200754.zip) | Registration of N5GC devices via wireline access | Nokia, Nokia Shanghai Bell,Charter Communications | CR 2020 24.501 Rel-16 | Conflict with C1-200278 in subclause 5.3.2Ivo, Thursday, 14:37Many detailed comments |
|  |  | [C1-200755](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200755.zip) | Support of authentication and registration of N5GC devices via wireline access | Nokia, Nokia Shanghai Bell,Charter Communications | CR 0116 24.502 Rel-16 | Ivo, Thursday, 14:46Number of detailed reqes, - unclear how the W-AGF receives the EAP-request and where it sends the EAP-responses - likely a 24.501 CR is needed. |
|  |  | [C1-200756](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200756.zip) | Corrections on EUI-64 as PEI | Nokia, Nokia Shanghai Bell | CR 2021 24.501 Rel-16 | Ivo, Thursday, 14:48summary of change, part 1) is confusing  - EUI-64 is already part of the mobile identity IE. |
|  |  | [C1-200757](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200757.zip) | Corrections on N5CW support | Nokia, Nokia Shanghai Bell | CR 2022 24.501 Rel-16 |  |
|  |  | C1-200758 | Supporting IPTV NAS impacts | Nokia, Nokia Shanghai Bell | CR 2023 24.501 Rel-16 | WithdrawnLATE |
|  |  | C1-200759 | Supporting IPTV via wireline access | Nokia, Nokia Shanghai Bell | CR 0117 24.502 Rel-16 | WithdrawnLATE |
|  |  | [C1-200761](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200761.zip) | SUPI and SUCI for legacy wireline access | Nokia, Nokia Shanghai Bell | CR 0118 24.502 Rel-16 | Ivo, Thursday, 14;49Missing commaRoozbeh, Thursday, 19:23C1-200285 and C1-200761 are collidingIvo, Friday, 08:11Does not understand the comment, as 285 and761 are CRs on different TSsRoozbeh, Friday, 20:35Withdraws his commentChristian, Saturday, 16:55support the CR but we have the following comments:1. the CR indicates that the GCI or the GLI always takes the form of a NAI as defined in TS 23.003 but current version of this spec does not shows that. I see several CRs in CT4 attempting to do so, and therefore can you please add linkage to the necessary CT4 CRs?

We that change Huawei and HiSilicon would like to co-sign the CR |
|  |  | [C1-200779](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200779.zip) | Correct reference | BlackBerry UK Ltd. | CR 6410 24.229 Rel-16 | Revision of C1-200425Work item has changed to TEI16\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Ivo, Thursday, 17:10the CR fixes errors created in Rel-15. The CR does not seem be related to 5WWC. The CR should have been submitted for 5GS\_Ph1-CT or 5GProtoc16, which are out of scope of the e-meeting, or for IMS TEI16.John-Luc, Friday, 16:08Agrees that this is not 5WWC, would go for IMS TEI16 |
|  |  | [C1-200784](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200784.zip) | Removal of editor notes | BlackBery UK Ltd. Motorola Mobility, Lenovo | CR 0114 24.502 Rel-16 | Revision of C1-20781\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-200297\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-200114Ivo, Thursday, 14:22a particular 23.003 subclause should be referencedJohn-Luc, Friday, 16:03Agrees with Ivo, will provide a revision |
|  |  | [C1-200837](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200837.zip) | Enabling mobility with (emergency) sessions/connections between the (trusted) non-3GPP access network connected to the 5GCN and the E-UTRAN | BlackBerry UK Ltd. | CR 1910 24.501 Rel-16 | Revision of C1-200780\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-200426John-Luc, Tuesday, 16:58Indicating a new revision to address a concern from Roozbeh, did not find this on the lsit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Ivo, Thursday, 14:32- 4.8.2.3.2 2nd part - see no need of ordering of UE-requested PDU session establishment procedures when performing interworking of PDN connections in EPS to PDU sessions in N1 mode, as the UE can initiate several UE-requested PDU session establishment procedures in one UL NAS TRANSPORT request.- 6.4.1.2 - no need to add  "connected to 5GC" to "non-3GPP access"  as then we would need to put it everywhere.John-Luc, Friday, 16:15Agrees with some comments, provides a way forward |
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|  | PARLOS |  | Lena – Breakout |  |  | CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated UEs |
|  |  | [C1-200322](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200322.zip) | Factoring in T3346 during access to RLOS | Samsung R&D Institute India | CR 3327 24.301 Rel-16 |  |
|  |  | [C1-200476](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200476.zip) | Support of restriction on access to RLOS | Nokia, Nokia Shanghai Bell /Jennifer | CR 3333 24.301 Rel-16 |  |
|  |  | [C1-200477](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200477.zip) | Support of restriction on access to RLOS | Nokia, Nokia Shanghai Bell /Jennifer | CR 0495 23.122 Rel-16 |  |
|  |  | [C1-200478](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200478.zip) | NAS configuration on access to RLOS | Nokia, Nokia Shanghai Bell /Jennifer | CR 0046 24.368 Rel-16 |  |
|  |  | [C1-200479](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200479.zip) | Authentication and security handling for RLOS | Nokia, Nokia Shanghai Bell /Jennifer | CR 3334 24.301 Rel-16 |  |
|  |  | [C1-200480](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200480.zip) | Manual network selection procedure for access to RLOS | Nokia, Nokia Shanghai Bell /Jennifer | CR 0496 23.122 Rel-16 |  |
|  |  | [C1-200748](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200748.zip) | Detach before RLOS and Emergency Attach | MediaTek / Marko | CR 3338 24.301 Rel-16 |  |
|  |  | C1-200763 | De-registration before initial registration for RLOS and Emergency | MediaTek / Marko | CR 2025 24.501 Rel-16 | Withdrawn |
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|  | 5G\_eLCS (CT4) |  | Peter – Main |  |  | CT aspects of Enhancement to the 5GC LoCation ServicesIs TS 24.571 sufficiently stable to be sent to CT#87-e for approval |
|  |  | [C1-200568](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200568.zip) | Adding UE initiated LCS service operations | CATT/Scott | pCR 24.571 Rel-16 | Lena, Sunday, 23.41Long list of comments, errors |
|  |  | [C1-200569](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200569.zip) | LCS messages and coding | CATT/Scott | pCR 24.571 Rel-16 | Lena, Sunday, 23:44text in subclause 5.3.2.1 is not aligned with TS 23.273 clause 6.3.1 NOTE 9 which describes a case where there is no positioning session in the AMF. It needs to be modified as follows: |
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|  | V2XAPP |  | Lena – Breakout |  |  | CT aspects of V2XAPPIs TS 24.486 sufficiently stable to be sent to CT#87-e for information and/or approval |
|  |  | [C1-200519](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200519.zip) | Work plan for the CT1 part of V2XAPP | Huawei, HiSilicon /Christian | discussion Rel-16 |  |
|  |  | [C1-200522](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200522.zip) | Latest reference version of draft TS 24.486 | Huawei, HiSilicon /Christian | draft TS 24.486 Rel-16 |  |
|  |  | [C1-200528](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200528.zip) | Application level location tracking procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200529](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200529.zip) | V2X message delivery procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200530](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200530.zip) | V2X service discovery procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200532](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200532.zip) | V2X sevice continuity procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200533](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200533.zip) | General on provisioning of parameters | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | C1-200534 | V2X USD provisioning | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 | Withdrawn |
|  |  | C1-200535 | PC5 parameters provisioning | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 | Withdrawn |
|  |  | [C1-200619](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200619.zip) | Structure and data semantics for application level location tracking procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200621](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200621.zip) | Structure and data semantics for V2X message delivery procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200622](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200622.zip) | Structure and data semantics for V2X service discovery procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200623](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200623.zip) | Structure and data semantics for V2X UE registration procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
|  |  | [C1-200624](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200624.zip) | Structure and data semantics for V2X UE de-registration procedure | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  |
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|  | eV2XARC |  | Lena – Breakout |  |  | CT aspects of eV2XARCIs TS 24.587 sufficiently stable to be sent to CT#87-e for approval?Is TS 24.588 sufficiently stable to be sent to CT#87-e for approval? |
|  |  | [C1-200292](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200292.zip) | UE policies for V2X communication over PC5 | Ericsson / Ivo | pCR 24.588 Rel-16 | CRs C1-200391, C1-200389, C1-200388, C1-200386 influence coding in CR C1-200292 |
|  |  | [C1-200293](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200293.zip) | Updates of configuration parameters for V2X communication over Uu | Ericsson / Ivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200294](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200294.zip) | V2X communication over Uu | Ericsson / Ivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200295](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200295.zip) | UE policies for V2X communication over Uu | Ericsson / Ivo | pCR 24.588 Rel-16 |  |
|  |  | C1-200321 | Precedence order between V2X configuration parameters | LG Electronics | pCR 24.587 Rel-16 | WithdrawnRevision of C1-198404 |
|  |  | [C1-200324](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200324.zip) | Direct link establishment procedure update based on SA3 LS | OPPO / Rae | pCR 24.587 Rel-16 |  |
|  |  | [C1-200325](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200325.zip) | Remove the FFS on non-IP | OPPO / Rae | pCR 24.587 Rel-16 |  |
|  |  | [C1-200326](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200326.zip) | Decoding on V2X service ID and application ID | OPPO / Rae | pCR 24.587 Rel-16 |  |
|  |  | [C1-200327](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200327.zip) | Keep alive procedure | OPPO / Rae | pCR 24.587 Rel-16 |  |
|  |  | [C1-200349](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200349.zip) | Security establishment for PC5 unicast link | Qualcomm Incorporated / Lena | pCR 24.587 Rel-16 |  |
|  |  | [C1-200385](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200385.zip) | Adding abnormal case on the network side | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 |  |
|  |  | [C1-200386](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200386.zip) | Correction for the list of the V2X services authorized for PPPR over V2X PC5 in E-UTRA | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 | CRs C1-200391, C1-200389, C1-200388, C1-200386 influence coding in CR C1-200292 |
|  |  | [C1-200387](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200387.zip) | Correction for the list of V2X service identifier to PDU session parameters mapping rules over V2X Uu | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 |  |
|  |  | [C1-200388](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200388.zip) | Correction for the list of V2X service identifier to Tx profiles mapping rules over V2X PC5 | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 | CRs C1-200391, C1-200389, C1-200388, C1-200386 influence coding in CR C1-200292 |
|  |  | [C1-200389](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200389.zip) | Correction for the list of V2X service identifier to V2X E-UTRA frequency mapping rules over V2X PC5 | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 | CRs C1-200391, C1-200389, C1-200388, C1-200386 influence coding in CR C1-200292 |
|  |  | [C1-200390](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200390.zip) | Resolution of the editor's note on details about PC5 unicast link establishment procedure not accepted by the target UE | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 |  |
|  |  | [C1-200391](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200391.zip) | Resolution of the editor's note on validity timer | Huawei, HiSilicon / Chen | pCR 24.587 Rel-16 | C1-200391, C1-200389, C1-200388, C1-200386 influence coding in CR C1-200292 |
|  |  | [C1-200350](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200350.zip) | PC5 unicast link keep-alive procedure | Qualcomm Incorporated / Lena | pCR 24.587 Rel-16 |  |
|  |  | [C1-200437](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200437.zip) | PC5 unicast link release procedure | vivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200438](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200438.zip) | Encoding of direct link release messages and parameters | vivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200439](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200439.zip) | PC5 unicast link identifier update procedure | vivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200440](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200440.zip) | Updates to the link modification procedure | vivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200441](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200441.zip) | Encoding of direct link modification messages and parameters | vivo | pCR 24.587 Rel-16 |  |
|  |  | [C1-200520](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200520.zip) | Work plan for the CT1 part of eV2XARC | Huawei, HiSilicon /Christian | discussion Rel-16 |  |
|  |  | [C1-200521](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200521.zip) | Latest reference version of draft TS 24.587 | Huawei, HiSilicon /Christian | draft TS 24.587 Rel-16 |  |
|  |  | [C1-200525](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200525.zip) | Resolution of the editor's notes on precedence of V2X configuration parameters | Huawei, HiSilicon /Christian | pCR 24.587 Rel-16 |  |
|  |  | [C1-200536](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200536.zip) | Operations for broadcast mode and groupcast mode communication over PC5 | Huawei, HiSilicon /Christian | pCR 24.587 Rel-16 |  |
|  |  | [C1-200537](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200537.zip) | Data transmission over PC5 unicast link | Huawei, HiSilicon /Christian | pCR 24.587 Rel-16 |  |
|  |  | [C1-200538](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200538.zip) | Introduction of “PC5 Unicast Link Identifier Update Procedure” | InterDigital Communications | pCR 24.587 Rel-16 |  |
|  |  | [C1-200595](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200595.zip) | Triggering service request procedure for V2X communication over PC5 interface | LG Electronics / SangMin | CR 1968 24.501 Rel-16 |  |
|  |  | [C1-200596](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200596.zip) | Discussion on multiple V2X services during the direct link establishment procedure | LG Electronics / SangMin | discussion Rel-16 |  |
|  |  | [C1-200597](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200597.zip) | Multiple V2X service identifiers in DIRECT LINK ESTABLISHMENT REQUEST message | LG Electronics / SangMin | pCR 24.587 Rel-16 |  |
|  |  | [C1-200598](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200598.zip) | Association between V2X service id and PC5 QoS flow description | LG Electronics / SangMin | pCR 24.587 Rel-16 |  |
|  |  | [C1-200603](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200603.zip) | Latest reference version of draft TS 24.588 | LG Electronics / SangMin | draft TS 24.588 Rel-16 |  |
|  |  | [C1-200632](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200632.zip) | PC5 unicast link keep-alive procedure – additions to C1-200350 | Apple | pCR 24.587 Rel-16 |  |
|  |  | [C1-200652](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200652.zip) | Clean-up for TS 24.588 | LG Electronics / SangMin | pCR 24.588 Rel-16 |  |
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|  | RACS (CT4 lead) |  | Peter – Main |  |  | CT aspects of optimizations on UE radio capability signaling |
|  |  | [C1-200340](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200340.zip) | RACS CT work plan | Qualcomm Incorporated / Lena | discussion Rel-16 |  |
|  |  | [C1-200341](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200341.zip) | Proposed way forward on remaining CT1 items for RACS | Qualcomm Incorporated / Lena | discussion Rel-16 |  |
|  |  | [C1-200342](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200342.zip) | UE radio capability ID assignment via GUTI reallocation procedure | Qualcomm Incorporated / Lena | CR 3328 24.301 Rel-16 | Mikael, Thursday, 11:51that the deletion indication in GUTI reallocation command seems to be handled in the UE as a parameter to store (5.4.1.3):“in WB-S1 mode, if the UE supports RACS, store the UE radio capability ID or UE radio capability ID deletion indication, if provided”Whereas my understanding is that it is an indication that triggers UE action (delete Network-assigned RACS IDs) and there will be o storing of this indication.Further I think that for the two new IEs, only one of then shall be provided in the message. We normally do not use Conditional IEs (even if that might be an option), but I think it would be good to express in inclusion criteria, or in some other way.Lena, Friday, 05:42Agrees with Mikael, rev1 in the drafts folderMikael, Saturday, 10:23Fine with rev from Lena |
|  |  | [C1-200343](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200343.zip) | Finalizing provisioning of manufacturer-assigned UE radio capability IDs at the UE | Qualcomm Incorporated / Lena | CR 0045 24.368 Rel-16 |  |
|  |  | [C1-200344](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200344.zip) | Removal of Editor’s note on applicability of RACS to SNPNs | Qualcomm Incorporated / Lena | CR 1886 24.501 Rel-16 |  |
|  |  | [C1-200345](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200345.zip) | Finalizing the encoding of the UE radio capability ID | Qualcomm Incorporated / Lena | CR 1887 24.501 Rel-16 | Delete the same Editor’s note as C1-200723, plus contains more changes |
|  |  | [C1-200346](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200346.zip) | UE radio capability ID deletion upon Version ID change | Qualcomm Incorporated / Lena | CR 1888 24.501 Rel-16 | Sung, Monday, 17:22Wants to add Nokia, Nokia, Shanghai Bell as co-sourceLena, Tuesday, 06:18Acks to Sung |
|  |  | [C1-200347](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200347.zip) | UE radio capability ID deletion upon Version ID change | Qualcomm Incorporated / Lena | CR 3329 24.301 Rel-16 | Sung, Monday, 17:22Wants to add Nokia, Nokia, Shanghai Bell as co-sourceLena, Tuesday, 06:18Acks to Sung |
|  |  | [C1-200463](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200463.zip) | Clarification of the cause of start of T3550 | vivo | CR 1922 24.501 Rel-16 |  |
|  |  | [C1-200720](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200720.zip) | UE behaviour upon receipt of a UE radio capability ID deletion indication | Nokia, Nokia Shanghai Bell | CR 2002 24.501 Rel-16 |  |
|  |  | [C1-200722](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200722.zip) | UE behaviour upon receipt of a UE radio capability ID deletion indication | Nokia, Nokia Shanghai Bell | CR 3336 24.301 Rel-16 |  |
|  |  | [C1-200723](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200723.zip) | Format of the UE radio capability ID | Nokia, Nokia Shanghai Bell | CR 2003 24.501 Rel-16 | Merged into C1-200345 and its revisionsCR deletes an Editor’s note which is also deleted by C1-200345Lena, Thursday, 09:03Fin with the change but it is already covered in C1-200345, which covers more changes. I suggest merging C1-200723 into C1-200345.Sung, Monday 14:55Fine to merge this into 345 |
|  |  | [C1-200726](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200726.zip) | UE radio capability information storage not needed for RACS | Nokia, Nokia Shanghai Bell | CR 2006 24.501 Rel-16 | Lena, Thursday, 09:03CR coversheet states that there is no need for the AMF to store the UE radio capabilities when the UE supports RACS, but this does not seem correctMikael, Thursday, 11:26In the updated paragraphs the possibility of no stored UE Radio capabilities is covered by “any”/”if any”, and there is no need to add a RACS dependency.**I think this CR is not needed**.Yanchao, THursady, 12:17Same as LenaSung, Monday, 17:10I disagree with comments from Lena, Yanchao, and Mikael. If the RACS feature is enabled for a UE, the AMF does not manage UE radio capability information per UE. What is managed per UE is UE radio capability ID. The mapping is not managed per UE, but it is managed for all the UEs served by the AMF.Now, even if a specific UE sets the NG-RAN-RCU bit to "NG-RAN radio capability update needed", if the RACS is enabled, the AMF does not delete the UE radio capability information for the UE because there is no UE-specific UE radio capability information and, even though the AMF has the UE radio capability information matching the UE radio capability ID for the UE (the AMF must be possessing it based on the stage 2 requirement), the AMF should not delete the UE radio capability information because it can be used for other UEs.Mikael, Tuesdday, 09:46Some clarification might be needed, but sees the changed paragraph as correct  |
|  |  | [C1-200727](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200727.zip) | UE radio capability information storage not needed for RACS | Nokia, Nokia Shanghai Bell | CR 3337 24.301 Rel-16 | Lena, Thursday, 09:03CR coversheet states that there is no need for the MME to store the UE radio capabilities when the UE supports RACS, but this does not seem correctMikael, Thursday, 11:26In the updated paragraphs the possibility of no stored UE Radio capabilities is covered by “any”/”if any”, and there is no need to add a RACS dependency.**I think this CR is not needed**.Yanchao, THursady, 12:17Same as LenaSung, Monday, 17:10I disagree with comments from Lena, Yanchao, and Mikael. If the RACS feature is enabled for a UE, the AMF does not manage UE radio capability information per UE. What is managed per UE is UE radio capability ID. The mapping is not managed per UE, but it is managed for all the UEs served by the AMF.Now, even if a specific UE sets the NG-RAN-RCU bit to "NG-RAN radio capability update needed", if the RACS is enabled, the AMF does not delete the UE radio capability information for the UE because there is no UE-specific UE radio capability information and, even though the AMF has the UE radio capability information matching the UE radio capability ID for the UE (the AMF must be possessing it based on the stage 2 requirement), the AMF should not delete the UE radio capability information because it can be used for other UEs.Mikael, Tuesdday, 09:46Some clarification might be needed, but sees the changed paragraph as correct |
|  |  | C1-200809 | RACS not applicable for non-3GPP access | Nokia, Nokia Shanghai Bell | CR 2005 24.501 Rel-16 | Revision of C1-200725\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Overlaps with C1-200402. Covers more required changes but missed the change to subclause 4.7.2 which is included in C1-200402.Lena, Thursday, 09:03fine with the CR except that changes in subclause 4.7.2 (as done in C1-200402) are missing.Mikael, THursdy, 11:18For the proposed changes, what is the justification to add “the procedure is for 3GPP access” for the RACS parameters? I cannot see that this has been done for other parameters applicable to 3GPP access only, so I think these additions are not needed.Yanchao, Thursday, 12.17As I mentioned in another email:I think we should follow the same principle for capturing a specific feature not applicable for non-3GPP access, which is only capture that in general section, same as LADN, MICO, CIoT, UAC, DRX, service area restrictions and etc.Therefore, all the detailed changes of “the procedure is for 3GPP access” in C1-200725 are not needed. We propose C1-200402 as way forward.Lena, Friday, 05:25As mentioned on the other thread about C1-200725, I can accept C1-200402 as the way forward if that is preferred by most companies.Lena, Monday, 23:40Fine with Sung’s way forward |
|  |  | C1-200829 | RACS not apply for non-3GPP access  | vivo / Yanchao | CR 1902 24.501 Rel-16 | Revision of C1-200402\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Overlaps with C1-200725 which covers more changes.Lena, Thursday, 09:02overlaps with the changes on C1-200725, which covers more changes. preference for progressing C1-200725Yanchao, Thursday, 12:01For those features that only apply to 3GPP access, such as: LADN, MICO, CIoT, UAC, DRX, service area restrictions and etc., we only mention that in the general sub clause 4.7.2.1, and no conditions are added for detailed behaviors.If we add the corresponding conditions for every detailed behaviors, the specification  would be too complex and redundant.I think we should follow the same principle  for RACS not applicable to non-3GPP access, and only capture “RACS does not apply to Non-3GPP access” in the general section. Therefore, all the detailed changes of “the procedure is for 3GPP access” in C1-200725 are not needed. We propose C1-200402 as way forward.Lena, Friday, 05:25If the majority view is to only make the change in 4.7.2, I can live with that and accept C1-200402 as the way forward.Yanchao, Saturday, 09:32Hints at revsionSung, Are you ok to merge C1-200725 into the revision of C1-200402? Hope to hear your reply. TLena, Saturday, 17:53The draft revision looks good to me except that 4.16 is missing from the clauses affected in the coversheet.Yanchao, Monday, 07:49Will fix cover sheetSung, Monday, 14:39Fine with the paper, still wants to keep some parts of 725, this is provided in a revisionLena, Monday, 23:40Fine with Sung’s way forward |
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|  | 5G\_SRVCC (CT4 lead) |  | Peter – Main |  |  | CT aspects of single radio voice continuity from 5GS to 3G |
|  |  | C1-200811 | Use registration message to inform the network when the SRVCC information changes | BlackBerry UK Ltd. | CR 1911 24.501 Rel-16 | WithdrawnJohn-Luc, Monday, 23.50the proposed change was covered already by bullet g) in the 5.5.1.3.2”Revision of C1-200427\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Ivo, Thursday, 15;48- 5.5.1.2.2 - not needed, the 24.501 baseline text is correct- 5.5.1.3.2 - not needed, 24.301 uses similar wording as in 24.501 baseline^John-Luc, Friday, 00:43CR aligns stage-3 with stage-2, seems that even 24.301 would need a CRLena, Satuday, 19:40* We agree with Ivo that the change in 5.5.1.2.2 is not needed, as the existing text is aligned with the text used for other capabilities (“if the UE supports… “)
* For the change in 5.5.1.3.2, we would prefer to add a separate registration trigger for a change in the indication of support for 5G-SRVCC from NG-RAN to UTRAN rather than modifying existing bullet v). Also, do you have a CR to TS 24.301 to add a similar TAU trigger?

Lin, Monday, 08:19I would be better if you could share related stage 2 spec text for “Stage 2 defines that changing the service configuration on the UE can result in changing even the value of the 5GSRVCC capability bit.” in your reason for change.I recalled that UE’s (v)SRVCC capability from L to G/U cannot be dynamically changed, so it would be better to know why now the capability from NR to U can be changed, Category should be FFei, Monday, 08:46Agrees with Ivo, I agree that the service configuration can change the 5G-SRVCC bit, however it has been covered by the bullet g)g) when the UE changes the 5GMM capability or the S1 UE network capability or both;John-Luc, Monday, 17:53Will revise the CR according to comments from lenaIvo, Monday, 18:09Concur with Fei, **the CR is not needed** |
|  |  | C1-200833 | PDU session release at the UE side | ZTE, China Unicom, Ericsson | CR 1918 24.501 Rel-16 | Revision of C1-200436\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Lin, Monday, 08:38do support to do something in stage 3 to implement stage 2 requirement.However, wants to see a different approachFei, Monday, 11:47Fine with the proposal from Lin |
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|  | xBDT (CT3 lead) |  | Peter – Main |  |  | CT aspects on 5GS Transfer of Policies for Background Data100% |
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|  | IAB-CT (CT4 lead) |  | Peter – Main |  |  | CT aspects of support for integrated access and backhaul (IAB)CT1 no longer affected by this work item |
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|  | 5GS\_OTAF (CT4 lead) |  | Peter – Main |  |  | 5GS Enhanced support of OTA mechanism for UICC configuration parameter update |
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|  | 5G\_URLLC (CT4 lead) |  | Peter – Main |  |  | CT aspects of CT Aspects of 5G URLLC |
|  |  | [C1-200290](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200290.zip) | Always-On PDU session and URLLC | Ericsson / Ivo | CR 1878 24.501 Rel-16 | CRs in **C1-200685**, C1-200290, C1-200564 conflictSung, Saturday, 04:31**Subclause 6.3.2.2**Currently incorrect change**Subclause 6.4.1.3****Prefers C1-200685**if you still want to make some changes on subclause 6.3.2.2, please revise your CR. But as long as subclause 6.4.1.3 is concerned, C1-200685 is a better choice in our view.Lin, Monday, 08:51I agree with what Sung commented, cases are different between modification and establishment. So better C1-200290 can be merged into C1-200685.So I would prefer Sung’s CR C1-200685 and I have no comment on Sung’s CR.Ivo, Monday, 17:41Long explanation, If we can agree on changes in **Subclause 6.4.1.3**, I will remove **Subclause 6.4.1.3** from scope of C1-200290, merge this part into C1-200685, and focus C1-200290 solely on **Subclause 6.3.2.2.**Sung, Monday, 21:07Some comments on Ivo, also indicating a rev of 685 in dratsIvo, Tuesday, 12:08Updates the rev, OK? |
|  |  | [C1-200685](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200685.zip) | Setting the Always-on PDU session indication IE in the PDU SESSION ESTABLISHMENT ACCEPT message | Nokia, Nokia Shanghai Bell | CR 1987 24.501 Rel-16 | CRs in C1-200685, C1-200290, C1-200564 conflictIvo, Thursday, 15:51C1-200685 contains similar changes as C1-200290. However, C1-200290 address an additional occurence. Would it be possible to **merge C1-200685 into C1-200290?**Sung, Monday, 21:07Some comments on Ivo, also indicating a rev of 685 in dratsBan, Tuesday, 11:14Wants to get rid of e.g.Ivo, Tuesday, 12:08Example seems right thing |
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|  | SEAL |  | Lena – Breakout |  |  | CT aspects of Service Enabler Architecture Layer for VerticalsIs TS 24.544 sufficiently stable to be sent to CT#87-e for approval? Is TS 24.545 sufficiently stable to be sent to CT#87-e for information and/or approval?Is TS 24.546 sufficiently stable to be sent to CT#87-e for approval? Is TS 24.547 sufficiently stable to be sent to CT#87-e for approval?Is TS 24.548 sufficiently stable to be sent to CT#87-e for information and/or approval? |
|  |  | [C1-200449](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200449.zip) | Obtain list of users based on location | Samsung / Sapan | pCR 24.545 Rel-16 |  |
|  |  | [C1-200450](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200450.zip) | Annex to describes the functionality expected from the HTTP entities | Samsung, Intel / Sapan | pCR 24.547 Rel-16 |  |
|  |  | [C1-200523](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200523.zip) | Latest reference version of draft TS 24.545 | Huawei, HiSilicon /Christian | draft TS 24.545 Rel-16 |  |
|  |  | [C1-200524](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200524.zip) | Latest reference version of draft TS 24.548 | Huawei, HiSilicon /Christian | draft TS 24.548 Rel-16 |  |
|  |  | [C1-200526](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200526.zip) | Off-network procedures for SEAL location management | Huawei, HiSilicon /Christian | pCR 24.545 Rel-16 |  |
|  |  | [C1-200527](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200527.zip) | Off-network procedures for SEAL network resource management | Huawei, HiSilicon /Christian | pCR 24.548 Rel-16 |  |
|  |  | [C1-200552](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200552.zip) | Fetching location reporting configuration | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 | Merged into C1-20774 |
|  |  | [C1-200553](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200553.zip) | Structure and data semantics for fetching location reporting configuration | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 | Merged into C1-20774 |
|  |  | [C1-200554](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200554.zip) | On-demand location reporting procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200555](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200555.zip) | Structure and data semantics for on-demand location reporting procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200556](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200556.zip) | Location reporting event-triggered configuration cancel procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200557](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200557.zip) | Location information subscription procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200558](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200558.zip) | Structure and data semantics for location information subscription procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200559](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200559.zip) | Event-triggered location information notification procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200560](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200560.zip) | Structure and data semantics for Event-triggered location information notification procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200561](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200561.zip) | On-demand usage of location information procedure | Huawei, HiSilicon / Chen | pCR 24.545 Rel-16 |  |
|  |  | [C1-200562](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200562.zip) | MBMS bearer announcement over MBMS bearer procedure | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 |  |
|  |  | [C1-200563](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200563.zip) | MBMS bearer quality detection procedure | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 |  |
|  |  | [C1-200607](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200607.zip) | Latest draft version of TS 24.547 ver 1.0.0 | Intel / Vivek | pCR 24.547 Rel-16 |  |
|  |  | [C1-200609](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200609.zip) | Updates to Client User Authentication Procedure | Intel / Vivek | pCR 24.547 Rel-16 |  |
|  |  | [C1-200611](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200611.zip) | Updates to Server User Authentication Procedure | Intel / Vivek | pCR 24.547 Rel-16 |  |
|  |  | [C1-200612](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200612.zip) | Updates to Client Token Exchange Procedure | Intel / Vivek | pCR 24.547 Rel-16 |  |
|  |  | [C1-200613](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200613.zip) | Updates to Server Token Exchange Procedure | Intel / Vivek | pCR 24.547 Rel-16 |  |
|  |  | [C1-200614](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200614.zip) | Off Network Procedures for Identity Management | Intel / Vivek | pCR 24.547 Rel-16 |  |
|  |  | [C1-200615](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200615.zip) | Resolution of editor's note under clause 6.2.2.2.1 | Huawei, HiSilicon /Christian | pCR 24.548 Rel-16 |  |
|  |  | [C1-200616](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200616.zip) | Resolution of editor's note under 6.2.2.2.3 | Huawei, HiSilicon /Christian | pCR 24.548 Rel-16 |  |
|  |  | [C1-200617](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200617.zip) | General on unicast resource management | Huawei, HiSilicon /Christian | pCR 24.548 Rel-16 |  |
|  |  | [C1-200633](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200633.zip) | Adding access token in proper header of HTTP request from client | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200634](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200634.zip) | XML schema for SEAL group document and update coding | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200635](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200635.zip) | Updating client side procedures based on XML schema | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200636](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200636.zip) | Location based group creation procedure | Samsung / Sapan | pCR 24.544 Rel-16 | See also: C1-200449 |
|  |  | [C1-200637](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200637.zip) | Parameters for group event subscription and notification | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200638](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200638.zip) | Procedures for management of group events subscription | Samsung / Sapan | pCR 24.544 Rel-16 | Related to C1-200637 |
|  |  | [C1-200639](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200639.zip) | Procedures to notify group events | Samsung / Sapan | pCR 24.544 Rel-16 | Related to C1-200637 |
|  |  | [C1-200640](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200640.zip) | Removal of clause for security parameter | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200641](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200641.zip) | Group announcement and join procedure | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200642](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200642.zip) | Group member leave procedure | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200643](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200643.zip) | Removal of editor’s note for off-network | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200644](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200644.zip) | Update references | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200645](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200645.zip) | XML schema for VAL user profile document and update of coding | Samsung / Sapan | pCR 24.546 Rel-16 |  |
|  |  | [C1-200646](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200646.zip) | XML schema and coding for VAL UE configuration document | Samsung / Sapan | pCR 24.546 Rel-16 |  |
|  |  | [C1-200647](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200647.zip) | Management of configuration event subscription | Samsung / Sapan | pCR 24.546 Rel-16 | Related to C1-200649 |
|  |  | [C1-200648](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200648.zip) | Procedure to notify configuration management event | Samsung / Sapan | pCR 24.546 Rel-16 | Related to C1-200649 |
|  |  | [C1-200649](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200649.zip) | Parameters for configuration event subscription and notification | Samsung / Sapan | pCR 24.546 Rel-16 |  |
|  |  | [C1-200650](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200650.zip) | Corrections in procedures | Samsung / Sapan | pCR 24.546 Rel-16 |  |
|  |  | [C1-200651](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200651.zip) | Removal of editor’s note for off-network | Samsung / Sapan | pCR 24.546 Rel-16 |  |
|  |  | [C1-200660](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200660.zip) | Latest draft version of TS 24.544 ver 1.0.0 | Samsung / Sapan | pCR 24.544 Rel-16 |  |
|  |  | [C1-200662](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200662.zip) | Latest draft version of TS 24.546 ver 1.0.0 | Samsung / Sapan | pCR 24.546 Rel-16 |  |
|  |  | [C1-200676](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200676.zip) | Workplan for SEAL | Samsung / Sapan | Work Plan  |  |
|  |  | C1-200774 | Update to Event-triggered location reporting procedure | Huawei, HiSilicon /Christian | pCR 24.545 Rel-16 | Revision of C1-200608 |
|  |  | C1-200775 | Update to structure and data semantics for event-triggered location reporting procedure | Huawei, HiSilicon /Christian | pCR 24.545 Rel-16 | Revision of C1-200610 |
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|  | Other Rel-16 non-IMS issues |  | Peter – Main |  |  | Other Rel-16 non-IMS topics**Only revision of agreed CRs from the ad-hoc meeting and DISC paper supporting LS** |
|  |  | C1ah-200024 | Correction for misalignment of 23.041 with 23.007 and 23.527 | Ericsson, one2many / Ivo | CR 0204 23.041 Rel-16 | Agreed |
|  |  | C1ah-200064 | Correction on T3402 for deactivated value | Huawei, HiSilicon/Lin | CR 3321 24.301 Rel-16 | Agreed |
|  |  | C1ah-200186 | Correcting reference | BlackBerry UK Ltd. | CR 0128 24.007 Rel-16 | AgreedRevision of C1ah-200136\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200134\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200010 |
|  |  | C1ah-200207 | Correcting active flag and signalling active flag wording | BlackBerry UK Ltd. | CR 3314 24.301 Rel-16 | Agreed Revision of C1ah-200193\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200185\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200128\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200015 |
|  |  | C1ah-200209 | Correct UE behavior when maximum number of active EPS bearer contexts is reached and the upper layers request more DRBs | BlackBerry UK Limited | CR 3317 24.301 Rel-16 | Agreed Revision of C1ah-200184\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200125\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1ah-200052 |
|  |  | [C1-200308](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200308.zip) | Removal of Duplicate Service Operation Details | Cisco Systems Belgium | CR 0207 23.041 Rel-16 | PostponedNew CR under TEI16, out of scope for this meeting |
|  |  | [C1-200606](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200606.zip) | Considerations for AML over SMS in roaming scenarios | Apple | discussion Rel-16 | PostponedNew input DISC on TEI16, out of scope of this meeting |
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|  | WIs for IMS |  | Joergen – Breakout  |  |  |  |
|  | MCCI\_CT |  |  |  |  | Mission Critical Communication Interworking with Land Mobile Radio SystemsIs TS 29.582 sufficiently stable to be sent to CT#87-e for approval? |
|  |  | [C1-200366](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200366.zip) | Non-3GPP Message for Data interworking | Sepura, Hytera Communications Corp. | pCR 29.582 Rel-16 |  |
|  |  | [C1-200367](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200367.zip) | SDS media plane message handling by IWF | Sepura, Hytera Communications Corp. | pCR 29.582 Rel-16 |  |
|  |  | [C1-200369](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200369.zip) | Remove editor's note – clause 4.1 | FirstNet / Mike | pCR 29.582 Rel-16 |  |
|  |  | [C1-200370](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200370.zip) | Remove editor's note – clause 4.2.2 | FirstNet / Mike | pCR 29.582 Rel-16 |  |
|  |  | [C1-200371](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200371.zip) | Remove editor's note – clause 6.3.2.1 | FirstNet / Mike | pCR 29.582 Rel-16 |  |
|  |  | [C1-200372](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200372.zip) | Remove editor's note – clause 6.6.2 | FirstNet / Mike | pCR 29.582 Rel-16 |  |
|  |  | [C1-200373](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200373.zip) | Remove editor's note – clause 8.3.2.8 | FirstNet / Mike | pCR 29.582 Rel-16 |  |
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|  | MCProtoc16 |  | Joergen – Breakout  |  |  | Protocol enhancements for Mission Critical Services for Rel-16 |
|  |  | [C1-200357](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200357.zip) | Correcting SIP related terminology | Ericsson / Nevenka | CR 0543 24.379 Rel-16 |  |
|  |  | [C1-200358](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200358.zip) | Correcting SIP related terminology | Ericsson / Nevenka | CR 0089 24.281 Rel-16 |  |
|  |  | [C1-200359](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200359.zip) | Correcting SIP related terminology | Ericsson / Nevenka | CR 0099 24.282 Rel-16 |  |
|  |  | [C1-200709](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200709.zip) | FEC encoding by the BM-SC | ENENSYS | CR 0068 24.581 Rel-16 |  |
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|  | MuD |  | Joergen – Breakout |  |  | Multi-device and multi-identityIs TS 24.174 sufficiently stable to be sent to CT#87-e for approval?Is Ts 24.175 management object sufficiently stable to be sent to CT#87-e for approval? |
|  |  | [C1-200360](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200360.zip) | Update of OMA references | Ericsson / Nevenka | pCR 24.174 Rel-16 |  |
|  |  | [C1-200361](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200361.zip) | Adding interactions with "Multi-Device" and "Multi-Identity" services | Ericsson / Nevenka | CR 0188 24.604 Rel-16 |  |
|  |  | [C1-200362](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200362.zip) | Adding interactions with "Multi-Device" and "Multi-Identity" services | Ericsson / Nevenka | CR 0028 24.605 Rel-16 |  |
|  |  | [C1-200363](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200363.zip) | Adding interactions with "Multi-Device" and "Multi-Identity" services | Ericsson / Nevenka | CR 0075 24.615 Rel-16 |  |
|  |  | [C1-200364](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200364.zip) | Adding interactions with "Multi-Device" and "Multi-Identity" services | Ericsson / Nevenka | CR 0039 24.629 Rel-16 |  |
|  |  | [C1-200653](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200653.zip) | Clarifications of identity definitions and activation procedures | Ericsson /Jörgen | pCR 24.174 Rel-16 |  |
|  |  | [C1-200654](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200654.zip) | Call log handling, Additional-Identity | Ericsson /Jörgen | pCR 24.174 Rel-16 |  |
|  |  | [C1-200656](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200656.zip) | Conf indication completion | Ericsson /Jörgen | pCR 24.174 Rel-16 |  |
|  |  | [C1-200657](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200657.zip) | Management object correction, MuD | Ericsson /Jörgen | pCR 24.175 Rel-16 |  |
|  |  | [C1-200664](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200664.zip) | MO for MuD and MiD correction | Orange / Mariusz | pCR 24.175 Rel-16 |  |
|  |  | [C1-200665](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200665.zip) | MuD MiD and CAT interactions | Orange / Mariusz | pCR 24.174 Rel-16 |  |
|  |  | [C1-200667](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200667.zip) | MuD MiD and CRS interactions | Orange / Mariusz | pCR 24.174 Rel-16 |  |
|  |  | [C1-200668](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200668.zip) | CAT interactsions with MuD and MiD | Orange / Mariusz | CR 0118 24.182 Rel-16 |  |
|  |  | [C1-200670](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200670.zip) | CRS interactsions with MuD and MiD | Orange / Mariusz | CR 0061 24.183 Rel-16 |  |
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|  | IMSProtoc16 |  | Joergen – Breakout  |  |  | IMS Stage-3 IETF Protocol Alignment for Rel-16 |
|  |  | [C1-200625](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200625.zip) | Location information; mid-call access change | Ericsson, Deutsche Telekom /Jörgen | CR 6411 24.229 Rel-16 |  |
|  |  | [C1-200659](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200659.zip) | Correction of P-Associated-URI handling | Ericsson /Jörgen | CR 6412 24.229 Rel-16 |  |
|  |  | [C1-200684](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200684.zip) | UAC for MO-IMS registration related signalling EN resolution | NTT DOCOMO INC. | CR 6413 24.229 Rel-16 |  |
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|  | MCSMI\_CT |  | Joergen – Breakout  |  |  | Mission Critical system migration and interconnection |
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|  | eMCData2 |  | Joergen – Breakout  |  |  | CT aspects of Enhancements to Functional architecture and information flows for Mission Critical Data |
|  |  | [C1-200447](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200447.zip) | Key download procedrue for MCData | Samsung / Sapan | CR 0102 24.282 Rel-16 |  |
|  |  | [C1-200475](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200475.zip) | Delete Stored Object(s) in MCData message store | AT&T, Samsung  | CR 0106 24.282 Rel-16 |  |
|  |  | [C1-200531](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200531.zip) | Add Message Store Client subclause  | AT&T, Samsung  | CR 0107 24.282 Rel-16 |  |
|  |  | [C1-200539](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200539.zip) | Copy stored object(s) and-or folder(s) | AT&T, Samsung  | CR 0108 24.282 Rel-16 |  |
|  |  | [C1-200540](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200540.zip) | Creating new folder | AT&T, Samsung  | CR 0109 24.282 Rel-16 |  |
|  |  | [C1-200541](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200541.zip) | Delete folder | AT&T, Samsung  | CR 0110 24.282 Rel-16 |  |
|  |  | [C1-200542](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200542.zip) | Move object(s) and folder(s) | AT&T, Samsung  | CR 0111 24.282 Rel-16 |  |
|  |  | [C1-200543](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200543.zip) | Search for Folders in MCData message store | AT&T, Samsung  | CR 0112 24.282 Rel-16 |  |
|  |  | [C1-200544](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200544.zip) | Retrieval of stored object | AT&T, Samsung  | CR 0103 24.282 Rel-16 | Revision of C1-200448 |
|  |  | [C1-200548](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200548.zip) | Search for Objects in MCData message store | AT&T, Samsung  | CR 0104 24.282 Rel-16 | Revision of C1-200473 |
|  |  | [C1-200550](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200550.zip) | Update Object(s) in MCData message store | AT&T, Samsung  | CR 0105 24.282 Rel-16 | Revision of C1-200474 |
|  |  | [C1-200705](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200705.zip) | Move the stored object to destination folder | Samsung Electronics Co., Ltd | CR 0113 24.282 Rel-16 |  |
|  |  | [C1-200711](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200711.zip) | Upload the objects to the MCData message store | Samsung, AT&T | CR 0114 24.282 Rel-16 |  |
|  |  | [C1-200712](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200712.zip) | Included absolute URI associated with the media storage function of MCData content server | Samsung | CR 0066 24.483 Rel-16 |  |
|  |  | [C1-200713](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200713.zip) | Included absolute URI associated with the media storage function of MCData content server | Samsung | CR 0135 24.484 Rel-16 |  |
|  |  | [C1-200714](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200714.zip) | Accessing the absolute URI associated with the media storage function | Samsung | CR 0115 24.282 Rel-16 |  |
|  |  | [C1-200715](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200715.zip) | Corrections to TDC2 and TDC3 timer handling | Samsung | CR 0116 24.282 Rel-16 |  |
|  |  | [C1-200716](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200716.zip) | The pre-establshed session modification for MCData | Samsung | CR 0117 24.282 Rel-16 |  |
|  |  | C1-200766 | File distribution over MBMS - signalling control | ENENSYS | CR 0093 24.282 Rel-16 | PostponedDocument was LATERevision of C1-198542 |
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|  | E2E\_DELAY (CT4) |  | Joergen – Breakout |  |  | CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI100% |
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|  | VBCLTE (CT3 lead) |  | Joergen – Breakout |  |  | Volume Based Charging Aspects for VoLTE CT |
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|  | ISAT-MO-WITHDRAW |  | Joergen – Breakout |  |  | Withdrawal of TS 24.323 from Rel-11, Rel-12, Rel-13No CRs needed, listed for the sake of completeness100% |
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|  | MONASTERY2 |  | Joergen – Breakout |  |  | Mobile Communication System for Railways Phase 2 |
|  |  | [C1-200408](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200408.zip) | Automatic group affiliation and deaffiliation based on location or functional alias | Kontron Transportation, Nokia, Nokia Shanghai Bell | CR 0132 24.484 Rel-16 | Revision of C1-198846 |
|  |  | [C1-200409](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200409.zip) | Automatic group affiliation and deaffiliation based on location or functional alias | Kontron Transportation, Nokia, Nokia Shanghai Bell | CR 0064 24.483 Rel-16 | Revision of C1-198847 |
|  |  | [C1-200410](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200410.zip) | Automatic group affiliation and deaffiliation based on location or functional alias | Kontron TransportationS, Nokia, Nokia Shanghai Bell | CR 0541 24.379 Rel-16 | Revision of C1-198803 |
|  |  | [C1-200412](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200412.zip) | IP Connectivity | Kontron Transportation | CR 0101 24.282 Rel-16 |  |
|  |  | [C1-200749](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200749.zip) | Work plan for the CT1 part of MONASTERY2 | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  |
|  |  | [C1-200750](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200750.zip) | Analysis of options for FA resolution | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  |
|  |  | [C1-200751](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200751.zip) | Support of functional alias in first-to-answer calls | Nokia, Nokia Shanghai Bell | CR 0551 24.379 Rel-16 |  |
|  |  | C1-200752 | Update service configuration to support limiting the number of authorized clients per MCPTT user | Nokia, Nokia Shanghai Bell | CR 0136 24.484 Rel-16 | PostponedDocument was LATE |
|  |  | [C1-200753](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200753.zip) | Update service authorization procedures to support limiting the number of authorized clients per MCPTT user | Nokia, Nokia Shanghai Bell | CR 0552 24.379 Rel-16 |  |
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|  | eIMS5G\_SBA |  | Joergen – Breakout |  |  | CT aspects of SBA interactions between IMS and 5GC |
|  |  | [C1-200353](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200353.zip) | No impact from SBA on main body | Nokia, Nokia Shanghai Bell, Ericsson | CR 6408 24.229 Rel-16 |  |
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|  | enh2MCPTT-CT |  | Joergen – Breakout |  |  | Enhancements for Mission Critical Push-to-Talk CT aspects |
|  |  | [C1-200374](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200374.zip) | Affiliation in a regroup | FirstNet / Mike | CR 0544 24.379 Rel-16 |  |
|  |  | [C1-200375](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200375.zip) | Ambiguity of location information in 6.3.2.1.4 | FirstNet / Mike | CR 0545 24.379 Rel-16 |  |
|  |  | [C1-200376](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200376.zip) | Calling party location | FirstNet / Mike | CR 0546 24.379 Rel-16 |  |
|  |  | [C1-200377](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200377.zip) | Check for controlling function identity in 10.1.1.3.1.1 | FirstNet / Mike | CR 0547 24.379 Rel-16 |  |
|  |  | [C1-200378](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200378.zip) | Check for groups that are already regrouped | FirstNet / Mike | CR 0548 24.379 Rel-16 |  |
|  |  | [C1-200379](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200379.zip) | Correct clause reference in 11.1.1.3.1.2 | FirstNet / Mike | CR 0549 24.379 Rel-16 |  |
|  |  | [C1-200380](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200380.zip) | Missing client procedures for preconfigured regroup | FirstNet / Mike | CR 0550 24.379 Rel-16 |  |
|  |  | [C1-200381](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200381.zip) | Correct reference in 8.3.2.6 | FirstNet / Mike | CR 0100 24.282 Rel-16 |  |
|  |  | [C1-200382](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200382.zip) | Update on Plugtest Reported Issues | FirstNet / Mike | discussion Rel-16 |  |
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|  | eIMSVideo |  | Joergen – Breakout |  |  | Video enhancement of IMS CAT/CRS/announcement services |
|  |  | [C1-200481](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200481.zip) | Work plan for eIMSVideo | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | discussion Rel-16 |  |
|  |  | C1-200487 | Work plan for eIMSVideo | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | discussion Rel-16 | Withdrawn |
|  |  | [C1-200482](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200482.zip) | Use precondition only for CAT when network disables precondition | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0114 24.182 Rel-16 |  |
|  |  | [C1-200483](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200483.zip) | Use precondition for CAT when originating UE and network both support precondtion | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0115 24.182 Rel-16 |  |
|  |  | [C1-200484](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200484.zip) | Use precondition for CRS when network disables precondition | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0057 24.183 Rel-16 |  |
|  |  | [C1-200485](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200485.zip) | Use precondition for CRS when terminating UE supports or requires precondition | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0058 24.183 Rel-16 |  |
|  |  | [C1-200486](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200486.zip) | Providing video announcement at the same time with audio conversation | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0072 24.628 Rel-16 |  |
|  |  | C1-200488 | Use precondition only for CAT when network disables precondition | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0116 24.182 Rel-16 | Withdrawn |
|  |  | C1-200489 | Use precondition for CAT when originating UE and network both support precondtion | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0117 24.182 Rel-16 | Withdrawn |
|  |  | C1-200490 | Use precondition for CRS when network disables precondition | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0059 24.183 Rel-16 | Withdrawn |
|  |  | C1-200491 | Use precondition for CRS when terminating UE supports or requires precondition | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0060 24.183 Rel-16 | Withdrawn |
|  |  | C1-200492 | Providing video announcement at the same time with audio conversation | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0073 24.628 Rel-16 | Withdrawn |
|  |  | [C1-200546](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200546.zip) | Condition of providing video announcement | China Telecom,Huawei, China Unicom, HiSilicon | CR 0074 24.628 Rel-16 |  |
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|  | Other Rel-16 IMS & MC issues |  | Joergen – Breakout  |  |  | Other Rel-16 IMS topics |
|  |  | [C1-200365](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200365.zip) | SDP profile update to support FLUS | Ericsson / Nevenka | CR 6409 24.229 Rel-16 |  |
|  |  | [C1-200673](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200673.zip) | Discussion on SRVCC from E-UTRAN to GERAN/UTRAN when IMS voice call is initiated in 5GS | Ericsson / Ivo | discussion Rel-16 |  |
|  |  | [C1-200674](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200674.zip) | SRVCC from E-UTRAN to GERAN/UTRAN when IMS voice call is initiated in 5GS | Ericsson / Ivo | CR 1298 24.237 Rel-16 |  |
|  |  | [C1-200772](http://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_122e/Docs/C1-200772.zip) | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | CR 640424.229 Rel-16 | PostponedDocument was late  |
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|  | Release 17work items | Tdoc | **NOT PART OF THIS MEETING** |  |  |  |
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|  | Output Liaison Statements | Tdoc | Title | Prepared by | To/CC | Result & comment |
|  |  | [C1-200309](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200309.zip) | Reply LS on General Status of Work | Ericsson / Ivo | LS out Rel-16 |  |
|  |  | [C1-200310](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200310.zip) | Reply LS on sending CAG ID | Ericsson / Ivo | LS out Rel-16 |  |
|  |  | [C1-200395](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200395.zip) | Reply LS on SUCI computation from an NSI | Ericsson / Ivo | LS out Rel-16 | Lena, Friday, 08:28Asks to change“CT1 does not see advantages in specification of a SUPI of the NSI SUPI type containing an NSI derived from an IMSI” to “CT1 does not see the need for a SUPI of the NSI SUPI type containing an NSI derived from an IMSI in Rel-16” Ivo, Monday, 08:24Provides revision, according comment from Lena, is in drafts folderSung, Monday, 07:41Asking for a rev, I don’t see any need for the last paragraph, that is: |
|  |  | [C1-200434](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200434.zip) | LS on secure that a UE does not wait indefinitely for completion of NSSAA procedure | ZTE | LS out Rel-16 |  |
|  |  | [C1-200499](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200499.zip) | Reply LS on Rel-16 NB-IoT enhancements | Huawei, HiSilicon/Lin | LS out Rel-16 | C1-200416 and C1-200499 competeLin, TUesdy, 08:19Provides a proposal in the drafts folderWants to hold the poen |
|  |  | [C1-200545](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200545.zip) | Reply LS on PC5S and PC5 RRC unicast message protection | OPPO / Rae | LS out Rel-16 |  |
|  |  | [C1-200699](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200699.zip) | LS on manual CAG selection | Nokia, Nokia Shanghai Bell | LS out Rel-16 | Lena, Friday, 08:31LS needs to be more to the point, Vishnu, Saturday, 15:20support Lena’s suggestion to be more specific with the broadcasted SIM indicator in the LS. |
|  |  | [C1-200707](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200707.zip) | Reply LS on Mobile-terminated Early Data Transmission | Ericsson / Mikael | LS out Rel-16 |  |
|  |  | [C1-200710](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200710.zip) | Reply LS on RRC establishment cause value in EPS voice fallback from NR to E-UTRAN | Nokia, Nokia Shanghai Bell | LS out Rel-16 | PostponedOsamah, Friday, 02:07Had TEI16 CR3316 in previous e-meeting to address action related to incoming LS in LS R2-1916530/C1-200221. postponed the CR until next CT1 meeting where incoming LS can be discussed. Now this CT1 e-meeting excludes TEI16 CR therefore we did not submit any revised CR related to this incoming LS. No revised CR. any discussion related to outgoing reply LS should be postponed as well Sung, Monday, 16:53Wants the LS to be postponed to next meeting |
|  |  | [C1-200717](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200717.zip) | Reply LS on extended NAS timers for CE in 5GS | Ericsson / Mikael | LS out Rel-16 |  |
|  |  | [C1-200718](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200718.zip) | Reply LS on configured NSSAI handling | Nokia, Nokia Shanghai Bell | LS out Rel-16 |  |
|  |  | [C1-200721](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200721.zip) | Reply LS on Non-UE N2 Message Services Operations | Ericsson / Mikael | LS out Rel-16 | Christian, Thursday, 15:03Supports sending an LS* Rel-16, need to use a correct work item
* Proposes rewording, shorter

Mikael, Friday, 12.23Fine with rewording, uploaded a rev to the drafts folderPeter, Friday, 12:25Minore editorial on the new proposal |
|  |  | [C1-200764](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200764.zip) | reply LS for concurrent broadcast for CMAS | Samsung /Grace | LS out Rel-16 | Proposed PostponedThe related incoming LS in C1-200226 is Rel-15 and hence not in scope of this meeting. Consequently any Reply LS is not in scope of the meeting either (although header of this LS lists Rel-16) |
|  |  | [C1-200323](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200323.zip) | Response to LS on Non-UE N2 Message Services Operations | Cisco Systems Belgium | LS out Rel-16 | WithdrawnMoved from 16.2.21 |
|  |  | [C1-200416](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200416.zip) | LS on UE specific DRX for NB-S1 mode | Qualcomm Incorporated / Amer | LS out Rel-16 | Moved from 16.2.8C1-200416 and C1-200499 competeLin, TUesdy, 08:19Provides a proposal in the drafts folderWants to hold the poen |
|  |  | [C1-200445](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200445.zip) | [Draft] LS on Unicode symbol numbers representing disasters | SyncTechno Inc. | LS out Rel-16 | Moved from 16.2.1Ivo, Thursday, 09:44LS is to open, please remove “e.g.” , “etc”Annex A is confusing since it also refers to UEs with no user interfaces which use new message IDs rather than Unicode characters |
|  |  | [C1-200453](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5CC1-200453.zip) | LS on limited service state for CAG cell | Huawei, HiSilicon / Vishnu | LS out Rel-16 | WithdrawnMoved from 16.2.7.1Lena, Thursday, 09:03Why is this needed, SA2 already agreed a related CR in see S2-2001693Ivo, Thursday, 16:12whether a UE not supporting CAG can camp on an acceptable CAG cell depends on broadcast information provided in AS layer. According to my information, RAN2 expects that the CAG cell will indicate "cellreservedForOtherUse" which might prevent a UE not supporting CAG from camping on the acceptable CAG cell. We believe that CT1 should wait for RAN2 decision on whether a UE not supporting CAG can camp on an acceptable CAG cellLena, Friday, 04:37* SA2 agreed S2-2001693 by which Rel-16 UEs not supporting CAG can camp on a CAG cell in limited service state to get emergency services
* RAN2 has not yet decided on whether/how Rel-15 UEs can camp on a CAG cell in limited service state to get emergency services

for Rel-15 UEs, we need to wait for RAN2. For Rel-16 UEs, we can align TS 23.122 with the SA2 agreement and there is no need to send any LS to SA2Vishnu, Friday, 13:54Agrees with Lena, withdraws the LSVishnu, Friday, 14:17Ivo, As I am not aware of such RAN2 discussion, can you please share further information on this, like any Tdoc numbers etc?Ivo, Friday, 15.11Some explanation, Ericson prefers to wait for RAN2 for Rel-16 |
|  |  | C1-200671 | Response to LS on Sending CAG ID | Samsung/Kundan | LS out Rel-16 | Merged into 310Moved from 16.7.1LATE |
|  |  | [C1-200785](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C122-e_electronic_0220%5Cdocs%5Cupdate1%5CC1-200785.zip) | LS on suspend indication to the NAS  | Samsung/Mahmoud | LS out Rel-16 | Revision of C1-200590Amer, Tuesday, 01:14draft LS describes the ambiguity related to the interpretation of the suspend indication that stems from the text in CT1 specs and asks RAN2 for a solution. This comes across to me as asking RAN2 to help us clean our own backyard. Is there a text in RAN2 specs that can be used to explain the ambiguity? We should draft the discussion and the question to RAN2 around it\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Amer, Friday, 01:34Base don comments to C1-200588 and C1-200585, believes the LS is not neededMikael, Friday, 08:48Supports sending the LS, however, leave it open to RAN2Mahmoud, Friday, 22:52Announces revision |
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|  | Late and misplaced documents | Tdoc | Title Prioritization of documents within this category will be done during the meeting.Some tdocs are left in the main agenda item, although they are late (e.g. papers reporting IETF progress, which are usually more up to date the later they are submitted)  | Source | Tdoc info | Result & comments Late documents and documents which were submitted with erroneous or incomplete information  |
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|  | ClosingFridayby 16:00 at the latest |  | Did you mark your attendance to this meeting? |  |  | Any meeting document which is not mentioned in this report or with no recorded decision shall be interpreted as "reserved", i.e. not defined and shall be ignored if received |
|  |  |  | **Last upload of revisions:** **Thursday 27th February 2020 16:00 CET****Last comments:****Friday 28th February 2020 16:00 CET****Chairman Report of the meeting:** **Monday 2nd March 2020** |  |  |  |
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