**3GPP TSG CT WG1 Meeting#124-e** **C1-203003**

**Electronic meeting, 02-10 June 2020**

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| Meeting documents by agenda item  Meeting: Meeting #124-e  Electronic meeting  02 - 10 June 2020  **All indicated times are CEST** | | | | | | | | | | |
| 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 | | | | | | | | |
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| 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 acti ities 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. | | | | | | | |
|  |  | |  |  | | |  |  |  | |
|  |  | | **Statement Regarding Engagement with Companies Added to the**  **U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities**  1. Public Information is Not Subject to EAR  3GPP is an open platform where all contributions (including technology protected or not by patent) made by the different Individual Members under the membership of each respective Organizational Partner are publicly available. Indeed, contributions by all and any Individual Members are uploaded to a public file server when received and then the documents are effectively in the public domain.  In addition, since membership of email distribution lists is open to all, documents and emails distributed by that means are considered to be publicly available.  As a result, information contained in 3GPP contributions, documents, and emails distributed at 3GPP meetings or by 3GPP email distribution lists, because it is made available to the public without restrictions upon its further dissemination, is not subject to the export restrictions of the EAR.  Meeting minutes are maintained for 3GPP meetings. Such meeting minutes for 3GPP meetings are made available to the public without restrictions upon its further dissemination. As a result, information, including information conveyed orally, contained in 3GPP meetings is not subject to the export restriction of the EAR; this would include information conveyed during side meetings that may occur during the main meetings, if these meetings are open to any participants and the results of all said meetings are publicly available without restrictions upon their further dissemination.  2. Non-Public Information  Non-public information refers to the information not contained or not intended to be contained in 3GPP contributions, documents or emails. Such non-public information may be disclosed during informal meetings, exchanges, discussions or any form of other communication outside the 3GPP meetings and email distribution lists, and may be subject to the EAR.  3. Other Information  Certain encryption software controlled under the International Traffic in Arms Regulations (ITAR), even if publicly available, may still be subject to US export controls other than the EAR.  4. Conduct of Meetings  The situation should be considered as "business as usual" during all the meetings called by 3GPP.  5. Responsibility of Individual Members  It should be remembered that contributions, meetings, exchanges, discussions or any form of other communication in or outside the 3GPP meetings are of the accountability, integrity and the responsibility of each Individual Member. In addition, Individual Members remain responsible for  uring 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 | | | | | | | |
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|  | Agenda & Reports | | Tdoc | Title | | | Source | Doctype | Result & comments | |
|  |  | | C1-203000 | 3GPP TSG CT1#124-e – agenda for Tdoc allocation | | | CT1 chairman | agenda |  | |
|  |  | | C1-203001 | 3GPP TSG CT1#124-e – agenda after Tdoc allocation deadline | | | CT1 chairman | agenda |  | |
|  |  | | C1-203002 | 3GPP TSG CT1#124-e – agenda with proposed LS-actions | | | CT1 chairman | agenda |  | |
|  |  | | C1-203003 | 3GPP TSG CT1#124-e – agenda at start of meeting | | | CT1 chairman | agenda |  | |
|  |  | | C1-203004 | 3GPP TSG CT1#124-e – agenda Tuesday (09 June) evening | | | CT1 chairman | agenda |  | |
|  |  | | C1-203005 | 3GPP TSG CT1#124-e – agenda at end of meeting | | | CT1 chairman | agenda |  | |
|  |  | | C1-203005 | 3GPP TSG CT1#124-e – agenda at end of meeting | | | CT1 chairman | agenda |  | |
|  |  | | [C1-203006](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203006.zip) | draft C1-123e meeting report | | | MCC | report |  | |
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|  |  | |  |  | | |  |  | Hightest number C1-203772 | |
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|  |  | | **Agenda**  Start of e-meeting: Tuesday 2nd June 09:00 CEST  Comment Free Time Tuesday 9th June 12:00-16:00 CEST  Last revision upload: Tuesday 9th June 16:00 CEST  Last comments: Wednesday 10th June 16:00 CEST  Chairman’s report of the meeting: Thursday 11th June 12:00 CEST  1 Opening  2 Agenda and Reports  3 work organization  4 incoming LS (47)  **Rel-14 and earlier:**  8.1 all work items (0)  8.2 all work items (0)  9.1 all work items (0)  9.2 all work items (0)  10.1 all work items (0)  10.2 all work items (0)  11.1 all work items (0)  11.2 all work items (0)  12.1 all work items (0)  12.2 all work items (0)  13.1 all work items (5+15)  13.2 all work items (0)  13.3 all work items (0)  14.1 all work items (7+14)  14.2 all work items (0)  14.3 all work items (1+2)  **Rel-15:**  15.1.1 all work items (2+2)  15.1.2 all work items (0)  15.1.3 all work items (11+8)  **Rel-16:**  **Agenda Items from 16.1**  16.1.x (6)  **Agenda Items from 16.2**  16.2.2 SINE\_5G (1)  16.2.3 SAES16 (all aspects) (11)  16.2.4 5GProtoc16 (all aspects) (125)  16.2.5 ATSSS (16)  16.2.6 eNS (40)  16.2.7.x vertical-LAN (53)  16.2.8 5G\_CIoT (41)  16.2.9 5WWC (18)  16.2.11 5G\_eLCS (5)  16.2.14 RACS (5)  16.2.15 5G\_SRVCC (0)  16.2.16 xBDT ()  16.2.17 IAB-CT (2)  16.2.18 5GS\_OTAF (1)  16.2.19 5G\_URLLC (0)  16.2.21 Rel-16 non-IMS issues (37)  16.2.1 ePWS (3)  16.2.10 PARLOS (3)  16.2.12 V2XAPP (23)  16.2.13 eV2XARC (59)  16.2.20 SEAL (26)  **Agenda Items from 16.3**  16.3.1 MCCI\_CT (0)  16.3.2 MCProtoc16 (50)  16.3.5 MCSMI\_CT (0)  16.3.6 eMCDATA2 (15)  16.3.10 MONASTERY2 (49)  16.3.12 enh2MCPTT-CT (0)  16.3.3 MuD (0)  16.3.4 IMSProtoc16 (1)  16.3.7 E2E\_DELAY (0)  16.3.8 VBCLTE (0)  16.3.11 eIMS5G\_SBA (0)  16.3.13 eIMSVideo (1)  16.3.14 IMS/MC TEI16 (7)  **Rel-17:**  **Agenda Items from 17.1**  17.1.1 (10)  17.1.2 (3)  17.1.3 (2)  17.1.4 (2)  18 outgoing LS (15) | | | | | | | |
|  |  | |  | | | | | | | |
|  | 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 | | Electronic Meeting | |
|  |  | |  | *20 – 24 April* | | | *CT1#123* | | *cancelled* | |
|  |  | |  | 16 – 24 April | | | CT1#123-e | | Electronic Meeting | |
|  |  | |  | *25 – 29 May* | | | *CT1#124* | | *F2F cancelled* | |
|  |  | |  | 02 – 10 June | | | CT1#124-e | | Electronic Meeting | |
|  |  | |  | 29 June – 1 July. 2020 | | | CT plenary #88-e | | Electronic Meeting | |
|  |  | |  | *13 – 17 July* | | | [*CT1-Potential Ad-Hoc*](https://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=36254) | | *cancelled* | |
|  |  | |  | *24 – 28 August* | | | *CT1#125* | | *F2F cancelled* | |
|  |  | |  | 20 – 28 August | | | CT1#125-e | | Electronic Meeting | |
|  |  | |  | 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 #92 | | Japan | |
|  |  | |  |  | | |  | |  | |
|  |  | |  |  | | |  | |  | |
|  | Work Plan and other adm. issues | | Tdoc | Title | | | Source | Spec / doctype | Result & comments | |
|  |  | | [C1-203007](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203007.zip) | work plan | | | MCC | Work Plan | Revision of C1-202051 | |
|  |  | | [C1-203072](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203072.zip) | CT1#124-e Electronic Meeting – Process and Scope | | | CT1 chairman | other |  | |
|  |  | | [C1-203080](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203080.zip) | Decision making– electronic show of hands | | | CT1 chairman | other |  | |
|  |  | |  |  | | |  |  |  | |
|  | Input Liaison statements | | Tdoc | Title | | | Source | To / CC | Result & comments | |
|  |  | | [C1-203008](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203008.zip) | LS on Proposal to transfer the study on service-based support for SMS in 5GC to CT WGs (CP-193301) | | | TSG CT | Cc | Proposed Noted | |
|  |  | | [C1-203009](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203009.zip) | LS reply to SA2 on PLMN Selection (5GJA12\_115r3) | | | GSMA 5G Joint Activity | To | Proposed Noted  There is no action for CT1 | |
|  |  | | [C1-203010](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203010.zip) | LS on status of 5WWC work (LIAISE-390) | | | Broadband Forum | To | Proposed tbd  draft LS out in C1-203474  Related CR inC1-203479 | |
|  |  | | [C1-203011](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203011.zip) | Reply LS on Rel-16 NB-IoT enhancements (R2-2004053) | | | RAN2 | To | Proposed Noted  CRs already agreed | |
|  |  | | [C1-203012](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203012.zip) | LS response to SA3 on the security related issues for NR SL (R2-2004083) | | | RAN2 | Cc | Proposed Noted | |
|  |  | | [C1-203013](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203013.zip) | LS on Questions on onboarding requirements (S1-201087) | | | SA1 | Cc | Proposed Noted | |
|  |  | | [C1-203014](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203014.zip) | LS on PLMN selection solutions for satellite access (S2-1912551) | | | SA2 | To | Proposed tbd  draft LS out in C1-203115  Related Disc in C1-203369 | |
|  |  | | [C1-203015](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203015.zip) | LS on GSMA NG.116 Attribute Area of service and impact on PLMN selection (S2-2001726) | | | SA2 | To | Proposed Noted  GSMA replied in C1-203009 | |
|  |  | | [C1-203016](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203016.zip) | Questions on onboarding requirements (S2-2001729) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-203017](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203017.zip) | Reply LS on Questions on onboarding requirements (S2-2003216) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-203018](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203018.zip) | Reply LS on assistance indication for WUS (S2-2003217) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-203019](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203019.zip) | Reply LS on support for eCall over NR (S2-2003308) | | | SA2 | To | Proposed Noted  Proposal for a CT1 reply to SA in C1-203221  CR related to the SA LS in C1-203038 | |
|  |  | | [C1-203020](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203020.zip) | Reply LS on the use of service area restriction for NSSAA (S2-2003474) | | | SA2 | To | Proposed Noted  No action for CT1 | |
|  |  | | [C1-203021](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203021.zip) | Reply LS on MO exception data (S2-2003504) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-203022](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203022.zip) | LS on SA WG2 status of MT-EDT in Rel-16 (S2-2003505) | | | SA2 | To | Proposed Noted  No action for CT1 | |
|  |  | | [C1-203023](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203023.zip) | Response LS on the Usage of Version ID (S2-2003506) | | | SA2 | To | Proposed tbd  Do we have CRs? | |
|  |  | | [C1-203024](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203024.zip) | Reply LS on IANA assigned values for mission critical (S3-194603) | | | SA3 | To | Proposed tbd  draft LS out in C1-203503  Related CRs in C1-203499-502 | |
|  |  | | [C1-203025](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203025.zip) | SA3 Reply LS on how the IWF obtains key material for interworking group and private communications (S3-200649) | | | SA3 | To | Proposed tbd  Do we have CRs? | |
|  |  | | [C1-203026](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203026.zip) | Reply LS on AUSF role in slice specific authentication (S3-200821) | | | SA3 | To | Proposed Noted  LS out proposal in C1-203121  Related CR in C1-203122 | |
|  |  | | [C1-203027](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203027.zip) | LS on Specifying the PC5-S messages that can be processed without protection (S3-200834) | | | SA3 | To | Proposed Note  Related CR in C1-203118 | |
|  |  | | [C1-203028](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203028.zip) | LS on Location information for SMS over IMS (S3i200161) | | | SA3 LI | Cc | Proposed Noted | |
|  |  | | [C1-203029](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203029.zip) | Reply on QoE Measurement Collection (S4-200241) | | | SA4 | To | Proposed Noted  See also C1-203036 | |
|  |  | | [C1-203030](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203030.zip) | LS on RTP/RTCP Verification (S4-200340) | | | SA4 | To | Proposed Noted | |
|  |  | | [C1-203031](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203031.zip) | Reply LS to Transfer the study on service-based support for SMS in 5GC to CT WGs (SP-191362) | | | TSG SA | Cc | Proposed Noted | |
|  |  | | [C1-203034](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203034.zip) | Response LS on the support for ECN in 5GS (R2-2004284) | | | RAN2 | Cc | Proposed Noted | |
|  |  | | [C1-203035](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203035.zip) | LS on Reply on QoE Measurement Collection (S5-202305) | | | SA5 | Cc | Proposed Noted | |
|  |  | | [C1-203036](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203036.zip) | LS on Reply on QoE Measurement Collection (S5-202304) | | | SA5 | To | Proposed tbd  draft LS out in C1-203674  Related CR in C1-203670 | |
|  |  | | [C1-203039](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203039.zip) | Reply LS on manual CAG selection (R2-2003870) | | | RAN2 | To | Proposed Noted  Related CR in C1-203601 | |
|  |  | | [C1-203040](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203040.zip) | LS on early UE capability retrieval for eMTC (R2-2003935) | | | RAN2 | To | Proposed tbd  draft LS out in C1-203482  Related CR in [C1-203483](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203483.zip) | |
|  |  | | [C1-203041](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203041.zip) | LS on UAC applicability to IABs (R2- 2003941) | | | RAN2 | To | Proposed Noted  Related CRs in C1-203226, C1-203512 | |
|  |  | | [C1-203042](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203042.zip) | Reply LS on suspend indication 5G NAS (R2-2003942) | | | RAN2 | To | Proposed Noted  Related CR in C1-203289 | |
|  |  | | [C1-203043](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203043.zip) | LS on IAB supporting in NPN deployment (R2-2004282) | | | RAN2 | Cc | Proposed Noted | |
|  |  | | [C1-203073](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203073.zip) | Issue with FN-RG IPv6 support (LIAISE-394) | | | Broadband Forum | To | Proposed Noted  Related CR in C1-203068 | |
|  |  | | [C1-203333](C:\\Users\\dems1ce9\\OneDrive - Nokia\\3gpp\\cn1\\meetings\\124-e-electronic_0620\\docs\\C1-203333.zip) | LS on the applicability of 5G NAS protocol for 5G-RG and FN-RG (LIAISE-397) | | | Broadband Forum | To | Proposed tbd  draft LS out in C1-203473 | |
|  |  | | [C1-203749](C:\\Users\\dems1ce9\\OneDrive - Nokia\\3gpp\\cn1\\meetings\\124-e-electronic_0620\\docs\\4th\\C1-203749.zip) | Reply LS on selected EPS NAS algorithms for unauthenticated emergency sessions in 5GS (S3-201300) | | | SA3 | To | Proposed Noted  Related CR in C1-203543 | |
|  |  | | [C1-203750](C:\\Users\\dems1ce9\\OneDrive - Nokia\\3gpp\\cn1\\meetings\\124-e-electronic_0620\\docs\\4th\\C1-203750.zip) | LS on protection of allowed CAG list against MITM Attack (S3-201414) | | | SA3 | Cc | Proposed Noted | |
|  |  | | [C1-203751](C:\\Users\\dems1ce9\\OneDrive - Nokia\\3gpp\\cn1\\meetings\\124-e-electronic_0620\\docs\\4th\\C1-203751.zip) | Reply LS on SUCI computation from an NSI (S3-201432) | | | SA3 | To | Proposed Noted  Do we have CRs? | |
|  |  | | [C1-203752](C:\\Users\\dems1ce9\\OneDrive - Nokia\\3gpp\\cn1\\meetings\\124-e-electronic_0620\\docs\\4th\\C1-203752.zip) | LS reply on security context for 5GC to EPC mobility (S3-201453) | | | SA3 | To | Proposed Noted  Do we have CRs? | |
|  |  | | [C1-203754](C:\\Users\\dems1ce9\\OneDrive - Nokia\\3gpp\\cn1\\meetings\\124-e-electronic_0620\\docs\\4th\\C1-203754.zip) | LS on security consideration of performance measurement function protocol (S3-201490) | | | SA3 | To | Proposed Noted  Related to CR in C1-203081 | |
|  |  | | C1-203755 | LS on Updated User Plane Integrity Protection advice (S3-201487) | | | SA3 | To | Proposed tbd  draft LS out in C1-203537  Related CRs in C1-203533, C1-203534 and C1-203535.  Revision of C1-203753 | |
|  |  | | [C1-203766](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203766.zip) | Reply LS on CMAS/ETWS and emergency services for SNPNs (S1-202220) | | | SA1 | Cc | Proposed Noted | |
|  |  | | [C1-203767](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203767.zip) | Reply LS on Manual CAG ID selection and granularity of UAC parameters for PNI-NPNs (S1-202265) | | | SA1 | Cc | Proposed Noted | |
|  |  | | [C1-203768](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203768.zip) | Reply LS on Questions on onboarding requirements (S1-202266) | | | SA1 | Cc | Proposed Noted | |
|  |  | | [C1-203769](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203769.zip) | reply LS on UAC applicability to IABs (S1-202274) | | | SA1 |  | Proposed Noted | |
|  |  | | [C1-203770](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203770.zip) | Reply LS on manual CAG selection (S1-202277) | | | SA1 |  | Proposed Noted  Related CR in C1-203601 | |
|  |  | | [C1-203771](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203771.zip) | reply LS on GSMA NG.116 Attribute Area of service and impact on PLMN (S1-202294) | | | SA1 |  | Proposed Noted | |
|  |  | | [C1-203772](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\5th\C1-203772.zip) | Reply LS on limiting the number of simultaneous log ins of an MCX user (S1-202280) | | | SA1 |  | Prposed Noted  We may need CRs | |
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|  | void | |  |  | | |  |  | Release 5 is closed | |
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|  | void | |  |  | | |  |  | Release 6 is closed | |
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|  | void | |  |  | | |  |  | Release 7 is closed | |
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|  | Release 8  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-8 IMS Work Items and issues:  MRFC  MRFC\_TS  UUSIW  PktCbl-Intw  PktCbl-Deploy  PktCbl-Sec  NBA  OAM8-Trace  Overlap  PRIOR  IMS\_RP  PNM  IMSProtoc2  IMS\_Corp  ICSRA  IMS-Cont  MAINT\_R1  MAINT\_R2  REDOC\_TIS-C1  REDOC\_3GPP2  CCBS-CCNR CW-IMS  FA  CAT-SS  TEI8 (IMS related issues)  + all other IMS related issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  AS – MRFC protocol (This covers both the study item and the work item)  User – User Signalling interworking  Packetcable - Protocol enhancements  Packetcable - Regulatory requirements  Packetcable - Security requirements  NASS Bundled Authentication  Service level tracing in IMS  CT1 aspects of overlap signaling  Multimedia priority service  IMS restoration procedures  Personal Network Management (stage 2 and 3)  IP Multimedia Core Network Subsystem - IMS Stage3 Protocol Evolution for Rel-8  IMS corporate network access  IMS centralized service control  IMS Service Continuity  TISPAN R1 and R2 maintenance  3GPP and 3GPP2 re-documentation  IMS supplementary services:  Call Completion on Busy Subscriber (CCBS) / Call Completion on Non-Reachable (CCNR) in IMS Communication Waiting in IMS  Flexible alerting in IMS  Customized alerting tone in IMS | |
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|  | Rel-8 non-IMS Work Items and issues:  SAES  SAES-CSFB  SAES-SRVCC  HomeNB-LTE HomeNB-3G  ETWS  PPACR-CT1  EData  IWLANNSP  EVA  IWLAN\_Mob  TEI8 (non-IMS)  + all other non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  SAE issues  CS-Fallback  SRVCC  CSG, HomeeNB and HomeNB  Earthquake and tsunami warning systems  Paging Permission with Access Control  Data transfer during an emergency call  WLAN Network Selection Principles  Enhancements for VGCS applications  Mobility between 3GPP-WLAN Interworking and 3GPP Systems | |
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|  | Release 9  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-9 IMS Work Items and issues:  Work Items:  CRS  eCAT-SS  eMMTel-CC  IMSProtoc3  IMS\_SCC-SPI  IMS\_SCC-ICS  IMS\_SCC-ICS\_I1  EMC2  MEDIASEC\_CORE  PAN\_EPNM  IMS\_EMER\_GPRS\_EPS  IMS\_EMER\_GPRS\_EPS-SRVCC  TEI9 (IMS related)  + all other Rel-9 IMS issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  IMS Supplementary services  IMS Customized Ringing Signal Service  Enhancements of IMS Customized Alerting Tone (CAT) Service  Enhancements for Completion of Communications Supplementary service  IMS Stage-3 IETF Protocol Alignment  IMS Service Continuity Enhancements: Service, Policy, Interactions, and Inter UE Transfer  Enhancements to IMS Centralized Services  IMS Centralized Services support via I1 interface  Definition of Ml interface for Control Plane LCS  IMS Media Plane Security  Support of Personal Area Networks and Enhancements to Personal Network Management  Emergency Call Enhancements for IP& PS Based Calls – stage 3 IMS part  SRVCC support for IMS Emergency Calls | |
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|  | Rel-9 non-IMS Work Items and issues:  IMS\_EMER\_GPRS\_EPS (non-IMS)  SSAC  VAS4SMS  PWS-St3  eANDSF  MUPSAP  LCS\_EPS-CPS  EHNB-CT1  TEI9 (non-IMS issues)  + all other Rel-9 non-IMS issues | |  | Peter - Main | | |  |  | All WIs completed  Support for IMS Emergency Calls over GPRS and EPS  Service Specific Access Control Requirements  Value-Added Services for Short Message Service  Public Warning System (PWS)  ANDSF while roaming  Multiple PDN Connection to the Same APN for PMIP-based Interfaces  Multiple PDN Connection to the Same APN for PMIP-based Interfaces  Control Plane LCS in the EPC  EHNB-issues for Rel-9 | |
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|  | Release 10  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-10 IMS Work Items and issues:  Work Items:  IMS\_SC\_eIDT  CCNL  eAoC  OMR  IESE  eSRVCC  aSRVCC  AT\_IMS  IMSProtoc4  + all other Rel-10 IMS issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  IMS Inter-UE Transfer enhancements  Call Completion on Not Logged-in  AoC enhancements  Optimal Media Routing  IMS Emergency Session Enhancements  SRVCC enhancements  SRVCC in alerting phase  AT Commands for IMS-configuration  IMS Stage-3 IETF Protocol Alignment | |
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|  | Rel-10 non-IMS Work Items and issues:  Work Items:  ECSRA\_LAA-CN  eMPS-CN  NIMTC  AT\_UICC  SMOG-St3  IFOM-CT  LIPA  SIPTO  MAPCON-St3  TIGHTER  MOCN-GERAN  + all other Rel-10 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  Enabling Coder Selection and Rate Adaptation for UTRAN and E-UTRAN for Load Adaptive Applications, CN impacts  Enhancements for Multimedia Priority Service  Network Improvements for Machine Type Communications  AT Commands for USAT  S2b Mobility based on GTP  IP Flow Mobility and WLAN offload  Local IP Access  Selected IP Traffic Offload  Multi Access PDN Connectivity  Tightened Link Level Performance Requirements for Single Antenna MS  Support of Multi-Operator Core Network by GERAN | |
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|  | Release 11  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-11 IMS Work Items and issues:  Work Items:  USSI  IOI\_IMS\_CH  RLI  IPXS  VINE-CT  MRB  GINI  RAVEL-CT  IOC  IODB  GBA-ext-St3  NWK-PL2IMS-CT  MMTel\_T.38\_FAX  vSRVCC-CT  rSRVCC-CT  ATURI  IMSProtoc5  + all other Rel-11 IMS issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  USSD Simulation Service  IMS Interconnection Charging Enhancements for transit scenarios in multi operator environments  CT1 aspects of RLI  Advanced Interconnection of Services  Supp. 3G Voice Interworking w. Enterprise IP-PBX  Inclusion of Media Resource Broker  Support of RFC 6140 in IMS  Roaming Architecture for VoIMS w Local Breakout  IMS Overload Control  Operator Determined Barring  GBA Extension for re-use of SIP Digest credentials  Network Provided Location Information for IMS  Enhanced T.38 FAX support  SRVCC for 3G-CS  SRVCC from UTRAN/GERAN to E-UTRAN/HSPA  AT Commands for URI Support  IMS Stage-3 IETF Protocol Alignment | |
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|  | Rel-11 non-IMS Work Items and issues:  Work Items:  RT\_VGCS\_Red  SIMTC  SIMTC-CS  SIMTC-RAN\_OC  SIMTC-Reach  SIMTC-Sig  SIMTC-CN\_Pow  SIMTC-PS\_Only  BBAI  BBAI-BBI  BBAI-BBII  BBAI-BBIII  Full\_MOCN-GERAN  RT\_ERGSM  DIDA  SAMOG\_WLAN- CN  eNR\_EPC  PROTOC\_SMS\_SGs  SAES2  SAES2-CSFB  + all other Rel-11 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  GCSMSC and GCR Redundancy for VGCS/VBS  System Improvements to Machine-Type Communications   * CS aspects for CT groups * Extended Access Barring for UTRAN and E-UTRAN for CT groups * Reachability Aspects * Signalling Optimizations * "CN-based" and power considerations   BroadBand Forum Accesses Interworking -  Building Block I, II and III  Full Support of Multi-Operator Core Network  Introduction of ER-GSM band for GSM-R  Data identification in ANDSF  Mobility based on GTP & PMIPv6 for WLAN access to EPC  enhanced Nodes Restoration for EPC  Enhancement of the Protocols for SMS over SGs  SAE Protocol Development | |
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|  | Release 12  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-12 IMS Work Items and issues:  bSRVCC  SMSMI-CT  TURAN-CT  IMS\_TELEP  eDRVCC  EMC\_PC  IMS\_RegCon-CT  BusTI-CT  UP6665  eIODB  IMS\_WebRTC  IMS\_Corp2  NNI\_RS  USSD\_MS  USSI-NET  RFC7044  FS\_NNI\_RS  eMEDIASEC-CT  IMS\_SSFDD  CVO-CT  SIS\_CT  FS\_REVOLTE\_IMS  NETLOC\_TWAN\_CT  ALTC  PCSCF\_RES  EVS\_codec-CT  IMSProtoc6  TEI12 (IMS related issues)  + all other Rel-12 IMS related issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  Single Radio Voice Call Continuity (SRVCC) before ringing  SMS submit and delivery without MSISDN in IMS  Tunnelling of UE Services over Restrictive Access Networks  IMS-based Telepresence (Stage 3)  Dual-Radio VCC (DRVCC) enhancements  IMS Emergency PSAP Callback  CT aspects of IMS registration control  CT Aspects of IMS Business Trunking for IP-PBX in Static Mode of Operation  Updating IMS to conform to RFC 6665  Enhancements to IMS Operator Determined Barring  Web Real Time Communication (WebRTC) Access to IMS  Transfer of ETSI business trunking specifications  Indication of NNI Routeing scenarios in SIP requests  USSD method selection - stage-3  Network Initiated USSD Simulation Services in IMS  SI: Evaluation and introduction of RFC 7044 (History-Info)  Indication of NNI Routeing scenarios in SIP requests  CT aspects of Extended IMS media plane security  IM-SSF Application Server Service Data Descriptions  CT Aspects of Coordination of Video Orientation  CT Aspects of Signalling of Image Size  Technical Aspects on Roaming End to End scenarios with VoLTE IMS and other networks  CT aspects of Network Provided Location Information for IMS Trusted WLAN Access Network  Support of ALT-C attribute  P-CSCF restoration enhancements  CT Impacts of Codec for Enhanced Voice Services  IMS Stage-3 IETF Protocol Alignment | |
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|  | Rel-12 non-IMS Work Items and issues:  LIMONET-LIPA  REP-WMD  MTCe-UEPCOP-CT  ProSe-CT  SINE  SCM\_LTE-CT  UTRA\_LTE\_WLAN\_interw-CT  OPIIS-CT  eSaMOG\_St3  WORM-CT  WLAN\_NS-CT  LIMONET-SIPTO  Dia\_SGSN\_SMS  GCSE\_LTE-CT  MSRD\_VAMOS (GERAN)  DMCG (GERAN)  NewToN (GERAN)  SAES3  SAES3-CSFB  SAES3-non3GPP  TEI12 (non-IMS)  + all other Rel-12 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  Core Network aspects of LIPA Mobility  Reporting Enhancements in Warning Message Delivery  UE Power Consumption Optimizations, stage 3  CT aspects of Proximity-based Services  Signalling Improvements for Network Efficiency  CT aspects of Smart Congestion Mitigation in E-UTRAN  CT aspects of WLAN/3GPP Radio Interworking  Operator Policies for IP Interface Selection  Enhanced S2a Mobility Over Trusted WLAN access to EPC for Stage 3  Optimized Offloading to WLAN in 3GPP RAT mobility  CT aspects of WLAN network selection for 3GPP terminals  Core Network aspects of SIPTO at the local network  Diameter based interface between SGSN and SMS central functions  CT aspects of Group Communication System Enablers for LTE  CT1 introduction of MS capability support for MS supporting MSRD for VAMOS  CT part: Downlink Multi Carrier GERAN  CT1 part of New Training Sequence Codes (TSC) for GERAN  general Stage-3 SAE Protocol Development  Stage-3 SAE Protocol Development related to Circuit Switched Fall Back  Stage-3 SAE Protocol Development related to non-3GPP access | |
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|  | Release 13  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-13 Mision Critical Work Items and issues:  MCPTT-CT MPTT-Prof | |  | Jörgen – Breakout on MC | | |  |  | All WIs completed  Mission Critical Push-To-Talk over LTE   * MCPTT call control protocol * MCPTT floor control protocol   Mission Critical general work   * Group management * Identity management * Management Object (MO) * Configuration management   IMS Profile to support Mission Critical Push To Talk over LTE | |
|  |  | | [C1-203095](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203095.zip) | Corrections to Off-network group call control | | | NIST, FirstNet | CR 0566 24.379 Rel-13 |  | |
|  |  | | [C1-203096](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203096.zip) | Corrections to Off-network group call control | | | NIST, FirstNet | CR 0567 24.379 Rel-14 |  | |
|  |  | | [C1-203097](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203097.zip) | Corrections to Off-network group call control | | | NIST, FirstNet | CR 0568 24.379 Rel-15 |  | |
|  |  | | [C1-203098](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203098.zip) | Corrections to Off-network group call control | | | NIST, FirstNet | CR 0569 24.379 Rel-16 |  | |
|  |  | | [C1-203099](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203099.zip) | Corrections to Off-network group call type control | | | NIST, FirstNet | CR 0570 24.379 Rel-13 |  | |
|  |  | | [C1-203100](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203100.zip) | Corrections to Off-network group call type control | | | NIST, FirstNet | CR 0571 24.379 Rel-14 |  | |
|  |  | | [C1-203101](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203101.zip) | Corrections to Off-network group call type control | | | NIST, FirstNet | CR 0572 24.379 Rel-15 |  | |
|  |  | | [C1-203102](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203102.zip) | Corrections to Off-network group call type control | | | NIST, FirstNet | CR 0573 24.379 Rel-16 |  | |
|  |  | | [C1-203103](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203103.zip) | Corrections to Off-Network Floor Control procedures | | | NIST, FirstNet | CR 0232 24.380 Rel-13 |  | |
|  |  | | [C1-203104](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203104.zip) | Corrections to Off-Network Floor Control procedures | | | NIST, FirstNet | CR 0233 24.380 Rel-14 |  | |
|  |  | | [C1-203105](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203105.zip) | Corrections to Off-Network Floor Control procedures | | | NIST, FirstNet | CR 0234 24.380 Rel-15 |  | |
|  |  | | [C1-203106](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203106.zip) | Corrections to Off-Network Floor Control procedures | | | NIST, FirstNet | CR 0235 24.380 Rel-16 |  | |
|  |  | | [C1-203109](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203109.zip) | Correction of unit values for T204 and T205 | | | NIST, FirstNet | CR 0068 24.483 Rel-13 |  | |
|  |  | | [C1-203110](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203110.zip) | Correction of unit values for T204 and T205 | | | NIST, FirstNet | CR 0069 24.483 Rel-14 |  | |
|  |  | | [C1-203111](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203111.zip) | Correction of unit values for T204 and T205 | | | NIST, FirstNet | CR 0070 24.483 Rel-15 |  | |
|  |  | | [C1-203112](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203112.zip) | Correction of unit values for T204 and T205 | | | NIST, FirstNet | CR 0071 24.483 Rel-16 |  | |
|  |  | | [C1-203499](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203499.zip) | Resolution of registered SAKKE parameters clash | | | Ericsson /Jörgen | CR 0040 24.481 Rel-13 |  | |
|  |  | | [C1-203500](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203500.zip) | Resolution of registered SAKKE parameters clash | | | Ericsson /Jörgen | CR 0041 24.481 Rel-14 |  | |
|  |  | | [C1-203501](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203501.zip) | Resolution of registered SAKKE parameters clash | | | Ericsson /Jörgen | CR 0042 24.481 Rel-15 |  | |
|  |  | | [C1-203502](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203502.zip) | Resolution of registered SAKKE parameters clash | | | Ericsson /Jörgen | CR 0043 24.481 Rel-16 |  | |
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|  | Rel-13 IMS Work Items and issues:  voE-UTRAN \_PPD-CT  QOSE2EMTSI-CT  DRuMS-CT  RTCP-MUX  IMSProtoc7  PCSCF\_RES\_WLAN  INNB\_IW  mSRVCC  eWebRTCi\_CT  ROI-CT TEI13 (IMS related issues)  + all other Rel-13 IMS related issues | |  | Jörgen – Breakout on IMS | | |  |  | All WIs completed  Voice over E-UTRAN Paging Policy Differentiation  QoS End to End MTSI extensions  Double Resource Reuse for Multiple Media Sessions  Support of RTP / RTCP transport multiplexing (signalling) in IMS  IMS Stage-3 IETF Protocol Alignment for Rel-13  P-CSCF Restoration Enhancements with WLAN  Interworking solution for Called IN number and original called IN number ISUP parameters  Message interworking during PS to CS SRVCC  Enhancements to WEBRTC interoperability stage 3  Video Enhancements by Region-Of-Interest information signalling | |
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|  | Rel-13 non-IMS Work Items and issues:  eProSe-Ext-CT  RISE  WSR\_EPS  ePCSCF\_WLAN  SAES4  SAES4-CSFB  SAES4-non3GPP  EVSoCS-CT  MONTE-CT  MEI\_WLAN  ASI\_WLAN  NBIFOM-CT  GROUPE-CT  eDRX-CT  SEW1-CT  CIoT-CT  NB\_IOT  EC-GSM-IoT  EASE\_EC\_GSM  DECOR-CT  TEI13 (non-IMS)  + all other Rel-13 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  Enhancements to Proximity-based Services extensions  Retry restriction for Improving System Efficiency  Warning Status Report in EPS  Enhanced P-CSCF discovery using signalling for access to EPC via WLAN  general Stage-3 SAE Protocol Development  Stage-3 SAE Protocol Development related to Circuit Switched Fall Back  Stage-3 SAE Protocol Development related to non-3GPP access  EVS in 3G Circuit-Switched Networks  Monitoring Enhancements CT aspects  Mobile Equipment signalling over the WLAN access  Authentication Signalling Improvements for WLAN  IP Flow Mobility support for S2a and S2b Interfaces  Group based Enhancements  CT aspects of extended DRX cycle for power consumption optimization  CT aspects of Support of Emergency services over WLAN – phase 1  CT1 aspects of WIs with IoT-functionality (WIs from C, RAN & SA  Dedicated Core Networks CT aspects | |
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|  | Release 14  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-14 Mision Critical Work Items and issues:  MCImp-MCVIDEO-CT MCImp-MCDATA-CT MCImp-eMCPTT-CT MCPTTProtoc1 | |  | Jörgen | | |  |  | All WIs completed  Mission Critical Video – CT aspects Mission Critical Data – CT aspects Enhancements for Mission Critical Push To Talk – CT aspects Technical enhancements for Mission Critical Push To Talk over LTE protocol aspects | |
|  |  | | [C1-203608](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203608.zip) | Specification of MONP messages to support off-network MCData and MCVideo | | | Ericsson /Jörgen | CR 0610 24.379 Rel-14 |  | |
|  |  | | [C1-203610](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203610.zip) | Specification of MONP messages to support off-network MCData and MCVideo | | | Ericsson /Jörgen | CR 0611 24.379 Rel-15 |  | |
|  |  | | [C1-203611](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203611.zip) | Specification of MONP messages to support off-network MCData and MCVideo | | | Ericsson Jörgen | CR 0612 24.379 Rel-16 |  | |
|  |  | | [C1-203612](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203612.zip) | Off-network MCData support | | | Ericsson /Jörgen | CR 0171 24.282 Rel-14 |  | |
|  |  | | [C1-203613](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203613.zip) | Off-network MCData support | | | Ericsson /Jörgen | CR 0172 24.282 Rel-15 |  | |
|  |  | | [C1-203614](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203614.zip) | Off-network MCData support | | | Ericsson /Jörgen | CR 0173 24.282 Rel-16 |  | |
|  |  | | [C1-203628](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203628.zip) | Off-network MCVideo support | | | Ericsson LM | CR 0090 24.281 Rel-14 |  | |
|  |  | | [C1-203630](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203630.zip) | Off-network MCVideo support | | | Ericsson /Jörgen | CR 0091 24.281 Rel-15 |  | |
|  |  | | [C1-203638](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203638.zip) | Off-network MCVideo support | | | Ericsson /Jörgen | CR 0092 24.281 Rel-16 |  | |
|  |  | | [C1-203677](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203677.zip) | SSRC handling for implicit floor request case | | | Samsung | CR 0613 24.379 Rel-16 |  | |
|  |  | | [C1-203678](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203678.zip) | SSRC handling for implicit floor request case | | | Samsung | CR 0242 24.380 Rel-16 |  | |
|  |  | | [C1-203679](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203679.zip) | SSRC handling for implicit floor request case | | | Samsung | CR 0614 24.379 Rel-15 |  | |
|  |  | | [C1-203680](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203680.zip) | SSRC handling for implicit floor request case | | | Samsung | CR 0243 24.380 Rel-15 |  | |
|  |  | | [C1-203681](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203681.zip) | SSRC handling for implicit floor request case | | | Samsung | CR 0615 24.379 Rel-14 |  | |
|  |  | | [C1-203682](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203682.zip) | SSRC handling for implicit floor request case | | | Samsung | CR 0244 24.380 Rel-14 |  | |
|  |  | | [C1-203685](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203685.zip) | Adding mcdata id in signalling payload for sender of the data in MCData media plane (Session) communication. | | | Samsung | CR 0174 24.282 Rel-16 |  | |
|  |  | | [C1-203686](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203686.zip) | Adding mcdata id in signalling payload for sender of the data in MCData media plane (Session) communication. | | | Samsung | CR 0012 24.582 Rel-16 |  | |
|  |  | | [C1-203687](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203687.zip) | Adding mcdata id in signalling payload for sender of the data in MCData media plane (Session) communication. | | | Samsung | CR 0175 24.282 Rel-15 |  | |
|  |  | | [C1-203688](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203688.zip) | Adding mcdata id in signalling payload for sender of the data in MCData media plane (Session) communication. | | | Samsung | CR 0013 24.582 Rel-15 |  | |
|  |  | | [C1-203689](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203689.zip) | Adding mcdata id in signalling payload for sender of the data in MCData media plane (Session) communication. | | | Samsung | CR 0176 24.282 Rel-14 |  | |
|  |  | | [C1-203690](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203690.zip) | Adding mcdata id in signalling payload for sender of the data in MCData media plane (Session) communication. | | | Samsung | CR 0014 24.582 Rel-14 |  | |
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|  | Rel-14 IMS Work Items and issues:  ISAT MMCMH\_Enh-CT IOC\_UE\_conf PWDIMS-CT IMSProtoc8 V8-CT RobVoLTE-CT REAS\_EXT CH14-DCCII-CT SPECTRE-CT TEI14 (IMS related issues)  + all other Rel-14 IMS related issues | |  | Jörgen – Breakout on IMS | | |  |  | All WIs completed  IMS Signalling Activated Trace CT1 aspects of MTSI Extension on Multi-stream Multiparty Improved operator control using new UE configuration parameters Password based service activation for IMS Multimedia Telephony service IMS Stage-3 IETF Protocol Alignment for Rel-14 CT Aspects of S8 Home Routing Architecture for VoLTE CT Aspects of Robust Call Setup for VoLTE subscriber in LTE SIP Reason header extension CT Aspects of Determination of Completeness of Charging Information in IMS User Controlled Spoofed Call Treatment | |
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|  | Rel-14 non-IMS Work Items and issues:  EIEI-CT NonIP\_GPRS-CT EWE-CT SAES5 SAES5-CSFB SAES5-non3GPP V2X-CT eDECOR-CT AT\_CIoT SEW2-CT ERP-CT AE\_enTV-CT CIoT-Ext-CT PS\_DATA\_OFF-CT TEI14 (non-IMS)  + all other Rel-14 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed     CT aspects of evolution to and interworking with eCall in IMS CT aspects for Non-IP for Cellular Internet of Things for 2G/3G-GPRS EIR check for WLAN access to EPC general Stage-3 SAE Protocol Development Stage-3 SAE Protocol Development related to Circuit Switched Fall Back Stage-3 SAE Protocol Development related to non-3GPP access CT aspects of V2X Services CT aspects of Enhancements of Dedicated Core Networks AT Commands for CIoT CT aspects of Support of Emergency services over WLAN – phase 2 Support of EAP Re-authentication Protocol for WLAN Interworking CT aspects of system architecture enhancements for TV service Core network aspects of extended Architecture support for CIoT CT aspects of PS data off function | |
|  |  | | [C1-203632](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203632.zip) | Adding the new V2X message family | | | CATT | CR 0025 24.386 Rel-14 | Shifted from 14 | |
|  |  | | [C1-203633](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203633.zip) | Adding the new V2X message family | | | CATT | CR 0026 24.386 Rel-15 | Shifted from 14 | |
|  |  | | [C1-203660](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203660.zip) | Adding the new V2X message family | | | CATT | CR 0027 24.386 Rel-16 | Shifted from 14 | |
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|  | Release 15  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-15 Mission Critical work items and issues:  eMCVideo-CT  eMCDATA-CT  enhMCPTT-CT  MCProtoc15  MONASTERY  MBMS\_MCservices | |  | Jörgen | | |  |  | All work items complete  Enhancements to Mission Critical Video – CT aspects  Enhancements for Mission Critical Data – CT aspects  Enhancements for Mission Critical Push-to-Talk – CT aspects  Protocol enhancements for Mission Critical Services sion Critical Push-to-Talk – CT aspects  Mobile Communication System for Railways  MBMS usage for mission critical communication services | |
|  |  | | [C1-203253](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203253.zip) | Location reporting corrections | | | Ericsson /Jörgen | CR 0237 24.380 Rel-15 |  | |
|  |  | | [C1-203254](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203254.zip) | Location reporting corrections | | | Ericsson /Jörgen | CR 0238 24.380 Rel-16 |  | |
|  |  | | [C1-203683](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203683.zip) | Simultaneous reception of media at transmission control server (reception control) | | | Samsung | CR 0074 24.581 Rel-16 |  | |
|  |  | | [C1-203684](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203684.zip) | Simultaneous reception of media at transmission control server (reception control) | | | Samsung | CR 0075 24.581 Rel-15 |  | |
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|  | Rel-15 IMS work items and issues  5GS\_Ph1-IMSo5G  eCNAM-CT  FS\_PC\_VBC (CT3)  IMSProtoc9  bSRVCC\_MT  eSPECTRE  PC\_VBC (CT3)  TEI15 (IMS) | |  | Jörgen | | |  |  | All work items complete  IMS impact due to 5GS IP-CAN  CT aspects of Enhanced Calling Name Service  Study on Policy and Charging for Volume Based Charging  IMS Stage-3 IETF Protocol Alignment for Rel-15  SRVCC for terminating call in pre-alerting phase  Enhancements to Call spoofing functionality Policy and Charging for Volume Based Charging | |
|  |  | | [C1-202584](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202584.zip) | Reference update for PASSporT Extension for Diverted Calls | | | Orange / Mariusz | CR 6416 24.229 Rel-15 | Agreed | |
|  |  | | [C1-202585](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202585.zip) | Reference update for PASSporT Extension for Diverted Calls | | | Orange / Mariusz | CR 6417 24.229 Rel-16 | Agreed | |
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|  | Rel-15 non-IMS/non-MC work items and issues  5GS\_Ph1-CT EDCE5-CT ProSe\_WLAN\_DD\_Stage3 VoWLAN-CT PS\_DATA\_OFF2-CT LTE\_LIGHT\_CON-CT AT\_CIoT-Ext SAES6 INOBEAR-CT TEI15 | |  | Peter | | |  |  | All work items complete  CT aspects on 5G System - Phase 1  EPC enhancements to support 5G New Radio via Dual Connectivity Inclusion of WLAN direct discovery technologies as an alternative for ProSe direct discovery Complementary Features for Voice services over WLAN PS Data Off Phase 2 CT aspects of signalling reduction to enable light connection for LTE AT Commands for CIoT-Ext Stage-3 SAE Protocol Development for Rel-15 Increasing the number of EPS bearers Other Rel-15 non-IMS topics | |
|  |  | | [C1-203044](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203044.zip) | Remove USE\_TRANSPORT\_MODE in response | | | ZTE / Joy, Huawei, HiSilicon, Ericsson | CR 0124 24.502 Rel-15 | Revision of C1-202786  ------------------------------------------  Was agreed  Revision of C1-202291 | |
|  |  | | [C1-203045](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203045.zip) | Remove USE\_TRANSPORT\_MODE in response | | | ZTE / Joy, Huawei, HiSilicon, Ericsson | CR 0125 24.502 Rel-16 | Revision of C1-202787  -----------------------------------------  Was agreed  Revision of C1-202292 | |
|  |  | | [C1-203237](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203237.zip) | Revert CR 0820 | | | Apple | CR 2246 24.501 Rel-15 |  | |
|  |  | | [C1-203238](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203238.zip) | Revert CR 0820 | | | Apple | CR 2247 24.501 Rel-16 |  | |
|  |  | | [C1-203356](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203356.zip) | Correction to the URSP coding | | | MediaTek Inc., ZTE / JJ | CR 0076 24.526 Rel-15 |  | |
|  |  | | [C1-203357](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203357.zip) | Correction to the URSP coding | | | MediaTek Inc., ZTE / JJ | CR 0077 24.526 Rel-16 |  | |
|  |  | | [C1-203409](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203409.zip) | Discussion of LI and N3AN node selection | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | discussion |  | |
|  |  | | [C1-203410](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203410.zip) | Correct N3AN node selection due to LI | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | CR 0119 24.502 Rel-15 | Revision of C1-202831 | |
|  |  | | [C1-203411](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203411.zip) | Correct N3AN node selection due to LI | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | CR 0120 24.502 Rel-16 | Revision of C1-202832 | |
|  |  | | [C1-203412](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203412.zip) | Correct inconsistency regarding presence of Any\_PLMN entry | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | CR 0078 24.526 Rel-15 |  | |
|  |  | | [C1-203413](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203413.zip) | Correct inconsistency regarding presence of Any\_PLMN entry | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | CR 0079 24.526 Rel-16 |  | |
|  |  | | [C1-203414](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203414.zip) | Define behavior when Any\_PLMN entry is missing | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | CR 0132 24.502 Rel-15 |  | |
|  |  | | [C1-203415](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203415.zip) | Define behavior when Any\_PLMN entry is missing | | | BlackBerry UK Ltd., NTAC, Ministère Economie et Finances, The Police of the Netherlands | CR 0133 24.502 Rel-16 |  | |
|  |  | | [C1-203416](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203416.zip) | Discussion on "any PLMN" entry and Home-routed Roaming architecture | | | BlackBerry UK Ltd. | discussion |  | |
|  |  | | [C1-203528](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203528.zip) | Connected mode mobility from N1 mode to S1 mode and DL NAS COUNT handling | | | Nokia, Nokia Shanghai Bell | CR 2343 24.501 Rel-15 |  | |
|  |  | | [C1-203544](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203544.zip) | Connected mode mobility from N1 mode to S1 mode and DL NAS COUNT handling | | | Nokia, Nokia Shanghai Bell | CR 2348 24.501 Rel-16 |  | |
|  |  | | [C1-203545](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203545.zip) | DL NAS COUNT mismatch during connected mode mobility from N1 mode to S1 mode | | | Nokia, Nokia Shanghai Bell | discussion Rel-15 |  | |
|  |  | | [C1-203742](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203742.zip) | Corrections to UE policies specification | | | Orange / Mariusz | CR 0083 24.526 Rel-15 |  | |
|  |  | | [C1-203743](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203743.zip) | Corrections to UE policies specification | | | Orange / Mariusz | CR 0084 24.526 Rel-16 |  | |
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|  | Release 16  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Tdocs on Work Items | |  |  | | |  |  | Papers related to Rel-16 Work Items | |
|  | Work Item Descriptions | |  | Peter - Main | | |  |  | New and revised Work Item Descritpions | |
|  |  | | [C1-203130](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203130.zip) | Revised WID on CT aspects of eV2XARC | | | Huawei, HiSilicon /Christian | WID revised Rel-16 | Revision of CP-200291  -------------------------------------------  Was agreed  Revision of C1-202166 | |
|  |  | | [C1-203227](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203227.zip) | Revised WID on CT aspects of support for integrated access and backhaul (IAB) | | | Qualcomm Incorporated / Lena | WID revised Rel-16 |  | |
|  |  | | [C1-203245](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203245.zip) | Revised WID of eNS | | | ZTE / Shuang | WID revised Rel-16 |  | |
|  |  | | [C1-203637](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203637.zip) | Revised WID on Volume Based Charging Aspects for VoLTE CT | | | China Mobile | WID revised Rel-16 | Revision of CP-191110 | |
|  |  | | [C1-203728](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203728.zip) | Updated WID MONASTERY2 | | | Nokia, Nokia Shanghai Bell | WID revised Rel-16 | Revision of C1-202570  ------------------------------------------  Was agreed | |
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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 | |
|  |  | | [C1-203488](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203488.zip) | 5G CIoT 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 System | |
|  |  | | [C1-203261](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203261.zip) | CR 23.041#0218 Deletion of Editor’s note in the clause 9.3.24 Warning-Type for ETWS | | | SyncTechno Inc. | CR 0218 23.041 Rel-16 | Peter S., Tuesday, 13:47  I’m fine with C1-203261. | |
|  |  | | [C1-203262](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203262.zip) | CR 23.041#0219 Editor’s notes on Unicode baed pictograms mapping disasters considered by ePWS | | | SyncTechno Inc. | CR 0219 23.041 Rel-16 | Postponed  Ivo, Tuesday, 9:33  A list of characters which are the "languge-independent content " needs to be specified normatively. It can't be a NOTE.  Peter S., Tuesday, 13:48  - There is a typo in the title of the CR (baed -> based).  - Note 2 is proposed to be added in clause 8.3 on ePWS functionality and that same note is repeated in the E-UTRAN clause and in the NG-RAN clause. I don't see the need for repeating the same text when it is already in the generic ePWS functionality clause.  - Regarding the note itself:  In 23.041 about 10 types of emergency events are mentioned and the note gives example of emojis for 4 of them. The list is not complete and therefore cannot be used as guidance for UE manufacturers. If we receive a complete list from ISO/IEC then we should include the emojis and their values (also) in TS 38.038 to make it possible to use the emojis also in GSM 7-bit encoding.  Therefore, I don't think the CR is useful at this time. I suggest to postpone it till we have something to specify the use of the emojis completely.  Sunghoon, Wednesday, 5:52  It would better to add reference to Unicode consortium than listing the examples.  So at least CT1 can send another LS to Unicode consortium, or waiting to get proper reference.  Hyounhee, Thursday, 6:02  I agree with Peter.  If the language-independent contents need to be specified as normative texts in 3GPP specification, it should be TS 23.038 not TS 23.041 as I commented at the previous CT1 meeting in February.  As I described in the slide 3 of C1-203263 (Workplan for ePWS-CT Aspects), the 3GPP liaison sent to ISO/IEC JTC1/SC2 seemed to be discussed in Unicode Consortium in spite of no official liaison relationship between 3GPP and Unicode Consortium & ISO/IEC JTC1/SC2. In addition, their meeting seems to be held once per year. It means that at least more than one year needs to be taken to get the full list of Unicode-based language independent contents for ePWS from Unicode Consortium or ISO/IEC JTC1/SC2 even if I participate Unicode Consortium or ISO/IEC JTC1/SC2 in person to complete the standardization of Unicode-based language independent contents mapping to disasters that are critical in terms of public warning perspective.  In order to get full list of Unicode-based language independent contents mapping to disasters that are critical in terms of public warning perspective from ISO/IEC JTC1/SC2 or Unicode Consortium, it seems that several pre-activities (e.g. first making the official liaison relationship between 3GPP and Unicode Consortium & ISO/IEC JTC1/SC2) need to be proceeded. So, I suggested to discuss which 3GPP meeting (e.g. CT1, TSG SA/CT plenaries) will continue to make future discussion related to ISO/IEC JTC1/SC2 or the Unicode Consortium by the 4th slide of C1-203263.  In order to move to the next step, **I would like to suggest following approaches.**   * **Postponing C1-203262 at this meeting** even though it is assumed that the postponed CR may be able to be re-discussed next year afterwards once all relevant works are done from ISO/IEC JTC1/SC2 or the Unicode Consortium. * Future 3GPP discussion on the language-independent contents will be proceeded at 3GPP TSG SA plenary instead of CT1 afterwards considering SA1 is also related to this discussion. * Once all relevant works are done between 3GPP and ISO/IEC JTC1/SC2 or the Unicode Consortium, the postponed CR will be re-discussed though I assume that the CR will be revised with another CR for TS 23.038 because I assume that the full list of Unicode-based language independent contents can be referenced in TS 23.038 in the end. | |
|  |  | | [C1-203263](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203263.zip) | Workplan for ePWS-CT aspects | | | SyncTechno Inc. | Work Plan Rel-16 | Noted | |
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|  | SINE\_5G | |  | Peter – Main | | |  |  | Signalling Improvements for Network Efficiency in 5GS  100% | |
|  |  | | [C1-203361](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203361.zip) | Correction to the handling for 5GSM #27 | | | MediaTek Inc., Huawei, HiSilicon / JJ | CR 2286 24.501 Rel-16 |  | |
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|  | SAES16 WIs | |  | Peter – Main | | |  |  | Stage-3 SAE protocol pevelopment for Rel-16  100% | |
|  | SAES16 | |  | Peter – Main | | |  |  | General Stage-3 SAE protocol development | |
|  |  | | [C1-202519](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202519.zip) | Correction to Handling of #35 | | | MediaTek Inc. | CR 3369 24.301 Rel-16 | Agreed | |
|  |  | | [C1-202127](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202127.zip) | Consistent usage of "tracking area updating procedure" | | | Samsung Electronics Polska | CR 3341 24.301 Rel-16 | Agreed  Shifted from 16.2.21 | |
|  |  | | C1-202690 | Correction to Handling of #31 | | | MediaTek Inc. | CR 3368 24.301 Rel-16 | Agreed  Revision of C1-202517 | |
|  |  | | C1-202688 | Correction of EMM initiated TAU procedure in EMM-REGISTERED.ATTEMPTING-TO-UPDATE-MM | | | MediaTek Inc. | CR 3366 24.301 Rel-16 | Agreed  Revision of C1-202515 | |
|  |  | | C1-202824 | Error handling of precedence value conflict | | | MediaTek Inc. / JJ | CR 3372 24.301 Rel-16 | Agreed  Revision of C1-202542 | |
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|  |  | | [C1-203241](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203241.zip) | Updates to manual network selection mode to include Equivalent PLMN and Forbidden PLMN description | | | Apple | CR 0535 23.122 Rel-16 |  | |
|  |  | | [C1-203315](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203315.zip) | Correction to handling of ESM timers in abnormal cases | | | MediaTek Inc. / Carlson | CR 3377 24.301 Rel-16 |  | |
|  |  | | [C1-203316](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203316.zip) | Clarification on missing subclause in EMM-DEREGISTERED.ATTEMPTING-TO-ATTACH | | | MediaTek Inc. / Carlson | CR 3378 24.301 Rel-16 |  | |
|  |  | | [C1-203317](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203317.zip) | Clarification on missing subclause in EMM-REGISTERED.ATTEMPTING-TO-UPDATE | | | MediaTek Inc. / Carlson | CR 3379 24.301 Rel-16 |  | |
|  |  | | [C1-203318](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203318.zip) | Clarification on procedure collision handling in paging | | | MediaTek Inc. / Carlson | CR 3380 24.301 Rel-16 |  | |
|  |  | | [C1-203319](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203319.zip) | Correction to Release of the NAS signalling connection | | | MediaTek Inc. / Carlson | CR 3381 24.301 Rel-16 |  | |
|  |  | | [C1-203338](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203338.zip) | Clarification on use of voice domain preference IE | | | NTT DOCOMO INC. | CR 3382 24.301 Rel-16 |  | |
|  |  | | [C1-203396](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203396.zip) | Correction to handling of cause #31 for TAU procedure | | | MediaTek Inc. / Marko | CR 3397 24.301 Rel-16 |  | |
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|  | SAES16-CSFB | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development related to Circuit Switched Fall Back | |
|  |  | | C1-202689 | Correction to Handling of MO CSFB Emergency call in EMM-REGISTERED.ATTEMPTING-TO-UPDATE-MM | | | MediaTek Inc. | CR 3367 24.301 Rel-16 | Agreed  Revision of C1-202516 | |
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|  | SAES16-non3GPP | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development related to non-3GPP access | |
|  |  | | [C1-203116](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203116.zip) | Handover of ethernet PDN connection to ePDG not supported | | | ZTE / Joy | CR 0719 24.302 Rel-16 |  | |
|  |  | | [C1-203339](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203339.zip) | Correction of IKEV2 protocol RFC number from old 5996 to new 7296 | | | MediaTek Beijing Inc. | CR 0720 24.302 Rel-16 |  | |
|  |  | | [C1-203341](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203341.zip) | Enhancement in UE handling when error MAX\_CONNECTION\_REACHED is received from network. | | | MediaTek Beijing Inc. | CR 0721 24.302 Rel-16 |  | |
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|  | 5GProtoc16 WIs | |  | Peter – Main | | |  |  | Stage-3 5GS NAS protocol development for Rel-16 | |
|  | 5GProtoc16 | |  |  | | |  |  | General Stage-3 5GS NAS protocol development | |
|  |  | | [C1-202535](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202535.zip) | Indicate support of ePCO length of two octets parameter when establishing the PDU session – Alt#2 | | | MediaTek Inc. / JJ | CR 2204 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202017](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202017.zip) | Correction for SoR-AF | | | Ericsson / Ivo | CR 0481 23.122 Rel-16 | Agreed  Revision of C1ah-200189 | |
|  |  | | [C1-202068](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202068.zip) | SoR in HPLMN after registration | | | Orange, Ericsson / Mariusz | CR 0508 23.122 Rel-16 | Agreed | |
|  |  | | [C1-202071](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202071.zip) | Reference correction in URSP encoding | | | Orange / Mariusz | CR 0071 24.526 Rel-16 | Agreed | |
|  |  | | [C1-202074](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202074.zip) | Correction to figure | | | one2many B.V. | CR 0212 23.041 Rel-16 | Agreed | |
|  |  | | [C1-202075](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202075.zip) | Corrections to references | | | one2many B.V. | CR 0213 23.041 Rel-16 | Agreed | |
|  |  | | [C1-202089](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202089.zip) | Clarification of NAS COUNT handling in 5G | | | Vodafone GmbH | CR 2036 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202101](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202101.zip) | Clarification on DL only match-all packet filter | | | Qualcomm Incorporated / Lena | CR 2037 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202128](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202128.zip) | Correction of the handling of timer TG | | | Apple, Qualcomm Incorporated, T-Mobile USA | CR 0513 23.122 Rel-16 | Agreed | |
|  |  | | [C1-202129](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202129.zip) | Correction of the handling of 5GMM cause #27 | | | Apple, Qualcomm Incorporated, T-Mobile USA | CR 2047 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202136](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202136.zip) | Dual-registration requirements for EHPLMNs | | | Intel, Qualcomm Incorporated / Vivek | CR 1974 24.501 Rel-16 | Agreed  Revision of C1-200620 | |
|  |  | | [C1-202201](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202201.zip) | Clarification of the figure of registration procedure | | | Vivo | CR 2072 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202219](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202219.zip) | UAC for MO-IMS registration related signalling EN resolution | | | NTT DOCOMO INC. | CR 6413 24.229 Rel-16 | Agreed  Revision of C1-200684 | |
|  |  | | [C1-202229](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202229.zip) | Possible KSI types in EPS | | | Ericsson / Mikael | CR 3346 24.301 Rel-16 | Agreed | |
|  |  | | [C1-202272](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202272.zip) | Correct parameters included by AMF during inter-system change from S1 mode to N1 mode in 5GMM-CONNECTED mode | | | Qualcomm Incorporated | CR 2095 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202275](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202275.zip) | Remove invalid cases in error handling for QoS rule operation and TFT operation | | | Qualcomm Incorporated | CR 2096 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202331](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202331.zip) | Consider PDU session type IE set by UE in IP address allocation | | | Huawei, HiSilicon / Cristina | CR 2110 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202342](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202342.zip) | Fixing a reference in the service request procedure | | | BEIJING SAMSUNG TELECOM R&D | CR 2118 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202347](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202347.zip) | Correcting length of extended emergency number list IE | | | Huawei, HiSilicon / Cristina | CR 3352 24.301 Rel-16 | Agreed | |
|  |  | | [C1-202381](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202381.zip) | No emergency session transfer after ESFB | | | Nokia, Nokia Shanghai Bell | CR 2141 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202477](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202477.zip) | Correction on UE behaviour for service area restriction | | | Huawei, HiSilicon/Lin | CR 1823 24.501 Rel-16 | Agreed  Revision of C1ah-200161 | |
|  |  | | [C1-202510](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202510.zip) | Correcting that 5G NAS integrity key is one of the input parameters for integrity protection algorithm | | | MediaTek Inc. | CR 2192 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202518](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202518.zip) | Correction to Handling of #31 | | | MediaTek Inc. | CR 2194 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202523](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202523.zip) | De-registration before initial registration for Emergency Services | | | MediaTek Inc. | CR 2197 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202526](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202526.zip) | Correction to deletion of Allowed NSSAI | | | Huawei, HiSilicon / Vishnu | CR 2200 24.501 Rel-16 | Agreed | |
|  |  | | C1-202634 | Add handling for parameter set to “value is not used” in 5GS | | | Qualcomm Incorporated | CR 2093 24.501 Rel-16 | Agreed  Revision of C1-202268 | |
|  |  | | C1-202635 | Add handling for UE configured to use timer T3245 in 5GS via 3GPP access | | | Qualcomm Incorporated | CR 1803 24.501 Rel-16 | Agreed  Revision of C1-202278 | |
|  |  | | C1-202607 | OTAF renamed to SP-AF | | | Orange / Mariusz | CR 0510 23.122 Rel-16 | Agreed  Revision of C1-202070 | |
|  |  | | C1-202680 | UAC exception for emergency | | | MediaTek Inc. | CR 2184 24.501 Rel-16 | Agreed  Revision of C1-202501 | |
|  |  | | C1-202683 | Correction to criteria to enter 5GMM-REGISTERED.UPDATE-NEEDED substate after resumption failure | | | MediaTek Inc. | CR 2187 24.501 Rel-16 | Agreed  Revision of C1-202505 | |
|  |  | | C1-202697 | Unify terms network-initiated and network-requested | | | Huawei, HiSilicon / Cristina | CR 2103 24.501 Rel-16 | Agreed  Revision of C1-202295 | |
|  |  | | C1-202698 | Add MFBR as mandatory parameter in GBR QoS flow | | | Huawei, HiSilicon / Cristina | CR 2120 24.501 Rel-16 | Agreed  Revision of C1-202344 | |
|  |  | | C1-202684 | T3346 handling when the UE is registered to different PLMNs over 3GPP and non-3GPP | | | MediaTek Inc. | CR 2190 24.501 Rel-16 | Agreed  Revision of C1-202508 | |
|  |  | | C1-202599 | Subscription management in PWS-IWF | | | one2many B.V. | CR 0214 23.041 Rel-16 | Agreed  Revision of C1-202076 | |
|  |  | | C1-202623 | Removal of Duplicate Service Operation Details | | | one2many | CR 0207 23.041 Rel-16 | Agreed  Revision of C1-202073 | |
|  |  | | C1-202793 | Modification of exchanges between SOR-AF and UDM | | | Orange, Ericsson / Mariusz | CR 0509 23.122 Rel-16 | Agreed  Revision of C1-202069 | |
|  |  | | C1-202812 | Restricting handling of cause #9 to the access on which it was received | | | Samsung/Anikethan | CR 1792 24.501 Rel-16 | Agreed  Revision of C1-202149 | |
|  |  | | C1-202815 | Specify UE azaros for NOTIFICATION message for additional state/sub-states | | | Samsung/Anikethan | CR 2051 24.501 Rel-16 | Agreed  Revision of C1-202145 | |
|  |  | | C1-202652 | Clarification on URSP in EPS | | | ZTE / Joy | CR 0073 24.526 Rel-16 | Agreed  Revision of C1-202144 | |
|  |  | | C1-202752 | PS Data Off status report for non-3GPP access | | | LG Electronics, Ericsson / SangMin | CR 2102 24.501 Rel-16 | Agreed  Revision of C1-202289 | |
|  |  | | C1-202868 | Correcting order in which connections/sessions are transferred if there is an emergency call | | | BlackBerry Uk Ltd. | CR 1782 24.501 Rel-16 | Agreed  Revision of C1-202670 | |
|  |  | | C1-202873 | Clarification on use of operator-defined access categories | | | Qualcomm Incorporated, Ericsson, Nokia, Nokia Shanghai Bell / Lena | CR 1795 24.501 Rel-16 | Agreed  Revision of C1-202100 | |
|  |  | | C1-202705 | Allowed SSC mode for association between an application and a PDU session | | | OPPO / Rae | CR 0075 24.526 Rel-16 | Agreed  Revision of C1-202491 | |
|  |  | | C1-202706 | Handling of unallowed SSC mode | | | OPPO / Rae | CR 2183 24.501 Rel-16 | Agreed  Revision of C1-202492 | |
|  |  | | C1-202890 | Additional condition to start T3540 | | | Samsung/Anikethan | CR 2050 24.501 Rel-16 | Agreed  Revision of C1-202811 | |
|  |  | | C1-202874 | Additional QoS error handling related to mapped EBI | | | Qualcomm Incorporated / Lena | CR 2101 24.501 Rel-16 | Agreed  Revision of C1-202285 | |
|  |  | | C1-202893 | Initial registration for initiating emergency PDU session | | | Huawei, HiSilicon / Cristina | CR 2121 24.501 Rel-16 | Agreed  Revision of C1-202858 | |
|  |  | | C1-202783 | Editorial corrections | | | Ericsson / Mikael | CR 2074 24.501 Rel-16 | Agreed  Revision of C1-202218 | |
|  |  | | C1-202820 | Unsupported 5QI values | | | MediaTek Inc. / JJ | CR 0686 27.007 Rel-16 | Agreed  Revision of C1-202537 | |
|  |  | | C1-202897 | storage of counters for UE in PLMN | | | vivo | CR 2071 24.501 Rel-16 | Agreed  Revision of C1-202713 | |
|  |  | | C1-202889 | Handling of allowed NSSAI when the RA includes the TAI belonging to EPLMN | | | SHARP | CR 2198 24.501 Rel-16 | Agreed  Chairman requests revision in the next meeting to correct changes over changes. | |
|  |  | | C1-202696 | UE behaviour when the UE receives the rejected NSSAI for the current RA in the registration reject message and the RA is not stored | | | SHARP | CR 2202 24.501 Rel-16 | Agreed  Revision of [C1-202528](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202528.zip) | |
|  |  | | [C1-202615](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202280.zip) | Applicable URSP is not optional for a UE | | | Motorola Mobility, Lenovo | CR 2098 24.501 Rel-16 | Agreed  **Needs revision**, release should be Rel-16 | |
|  |  | | C1-202801 | Corrections on the abnormal cases of registration procedure for initial registration | | | Huawei, HiSilicon/Lin | CR 1379 24.501 Rel-16 | Agreed  Revision of C1-202476 | |
|  |  | | [C1-202802](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202478.zip) | Single-registration mode without N26 | | | Huawei, HiSilicon/Lin | CR 2182 24.501 Rel-16 | Agreed  Revision of [C1-202478](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202478.zip) | |
|  |  | | C1-202803 | Single-registration mode without N26 | | | Huawei, HiSilicon/Lin | CR 3358 24.301 Rel-16 | Agreed  Revision of C1-202479 | |
|  |  | | C1-202806 | Handling of mapped EPS bearer contexts | | | Huawei, HiSilicon/Lin | CR 2214 24.501 Rel-16 | Agreed  Revision of C1-202593 | |
|  |  | | C1-202807 | Integrity check interworking in 5GMM-CONNECTED mode | | | Huawei, HiSilicon/Lin | CR 2215 24.501 Rel-16 | Agreed  Revision of C1-202594 | |
|  |  | | C1-202808 | Correction on LADN DNN based congestion control | | | Huawei, HiSilicon/Lin | CR 2216 24.501 Rel-16 | Agreed  Revision of C1-202595 | |
|  |  | | C1-202709 | NW triggered SR over N3GPP under MM congestion control | | | OPPO / Rae | CR 2104 24.501 Rel-16 | Agreed  Revision of C1-202324 | |
|  |  | | C1-202931 | Attach request message for N1 mode | | | Nokia, Nokia Shanghai Bell, Ericsson | CR 3150 24.301 Rel-16 | Agreed  Revision of C1-202391 | |
|  |  | | C1-202929 | Inclusion of ATTACH REQUEST message in REGISTRATION REQUEST message during initial registration when 5G-GUTI mapped from 4G-GUTI is used | | | Nokia, Nokia Shanghai Bell, Ericsson, Qualcomm Incorporated | CR 0793 24.501 Rel-16 | Agreed  Revision of C1-202390 | |
|  |  | | C1-202932 | Paging with two valid 5G-GUTIs | | | Nokia, Nokia Shanghai Bell | CR 1841 24.501 Rel-16 | Agreed  Revision of C1-202392 | |
|  |  | | C1-202852 | MICO in an SNPN | | | Nokia, Nokia Shanghai Bell | CR 2154 24.501 Rel-16 | Agreed  Revision of C1-202410  Shifted from Vertical\_LAN | |
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|  |  | |  |  | | |  |  |  | |
|  |  | | [C1-203046](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203046.zip) | UDM support of communication with SOR-AF | | | Ericsson / Ivo | CR 0530 23.122 Rel-16 |  | |
|  |  | | C1-203052 | void - allocated by mistake | | | void | CR 0531 23.122 Rel-16 | Withdrawn | |
|  |  | | [C1-203067](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203067.zip) | SOR-AF in scope | | | Ericsson / Ivo | CR 0532 23.122 Rel-16 |  | |
|  |  | | [C1-203070](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203070.zip) | Incorrect set up of PDN type in inter-system change from S1 mode to N1 mode | | | Ericsson / Ivo | CR 2221 24.501 Rel-16 |  | |
|  |  | | [C1-203091](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203091.zip) | Mobile Terminated Voice Gap for MPS | | | Perspecta Labs Inc. | CR 2227 24.501 Rel-16 |  | |
|  |  | | [C1-203231](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203231.zip) | Indication that the emergency services fallback attempt failed | | | Nokia, Nokia Shanghai Bell | CR 2142 24.501 Rel-16 | Revision of C1-202928  ----------------------------------------------  Was agreed  **Needs revision**, missing tdoc number on cover  Revision of C1-202382 | |
|  |  | | [C1-203239](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203239.zip) | Update of emergency number list using Configuration Update Command | | | Apple | CR 2248 24.501 Rel-16 |  | |
|  |  | | [C1-203240](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203240.zip) | Change of E-UTRAN UE Capability | | | Apple | CR 2249 24.501 Rel-16 |  | |
|  |  | | [C1-203243](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203243.zip) | Updating idle mode manual selection mode procedure receiving SoR indication | | | Apple | CR 0537 23.122 Rel-16 |  | |
|  |  | | [C1-203251](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203251.zip) | PDU session release for an inactive UE with RAN paging failure | | | Nokia, Nokia Shanghai Bell | CR 1833 24.501 Rel-16 | Revision of C1-202394 | |
|  |  | | [C1-203274](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203274.zip) | storing the PLMN identity in the forbidden PLMN list due to 5GMM cause #73 Serving network not authorized | | | vivo | CR 0538 23.122 Rel-16 |  | |
|  |  | | [C1-203275](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203275.zip) | Clarification of the forbidden PLMN list used for non-3GPP access | | | vivo | CR 2255 24.501 Rel-16 |  | |
|  |  | | [C1-203276](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203276.zip) | Re-enabling the N1 mode capability upon request from upper layers | | | vivo | CR 2256 24.501 Rel-16 |  | |
|  |  | | [C1-203277](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203277.zip) | Correction of re-enabling E-UTRA capability | | | vivo | CR 2257 24.501 Rel-16 |  | |
|  |  | | [C1-203278](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203278.zip) | native 5G-GUTI in Additional GUTI IE | | | vivo | CR 2258 24.501 Rel-16 |  | |
|  |  | | [C1-203279](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203279.zip) | Clarification of the use of T3245 | | | vivo | CR 0539 23.122 Rel-16 |  | |
|  |  | | [C1-203280](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203280.zip) | Clarification of the cause of start of T3245 | | | vivo | CR 3218 24.008 Rel-16 |  | |
|  |  | | [C1-203281](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203281.zip) | Alignment of several IEI | | | vivo | CR 2259 24.501 Rel-16 |  | |
|  |  | | [C1-203287](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203287.zip) | stop T3346 before sending NAS message | | | vivo | CR 2264 24.501 Rel-16 |  | |
|  |  | | [C1-203303](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203303.zip) | Correction to handling of 5GSM timers in abnormal cases | | | MediaTek Inc. / Carlson | CR 2267 24.501 Rel-16 |  | |
|  |  | | [C1-203305](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203305.zip) | Clarification for de-registration procedure initiation | | | MediaTek Inc. / Carlson | CR 2269 24.501 Rel-16 |  | |
|  |  | | [C1-203306](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203306.zip) | Clarification in state transition of 5GMM-DEREGISTERED from another 5GMM state | | | MediaTek Inc. / Carlson | CR 2270 24.501 Rel-16 |  | |
|  |  | | [C1-203307](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203307.zip) | Clarification of SMS over NAS supported bit in initial registration | | | MediaTek Inc. / Carlson | CR 2271 24.501 Rel-16 |  | |
|  |  | | [C1-203308](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203308.zip) | Clarification on missing subclause in 5GMM-DEREGISTERED.ATTEMPTING-REGISTRATION | | | MediaTek Inc. / Carlson | CR 2272 24.501 Rel-16 |  | |
|  |  | | [C1-203309](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203309.zip) | Clarification on missing subclause in 5GMM-REGISTERED.ATTEMPTING-REGISTRATION-UPDATE | | | MediaTek Inc. / Carlson | CR 2273 24.501 Rel-16 |  | |
|  |  | | [C1-203310](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203310.zip) | Clarification regarding update status in NR RAT | | | MediaTek Inc. / Carlson | CR 2274 24.501 Rel-16 |  | |
|  |  | | [C1-203311](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203311.zip) | Correction to paging timer stop in case of integrity check failure | | | MediaTek Inc. / Carlson | CR 2275 24.501 Rel-16 |  | |
|  |  | | [C1-203312](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203312.zip) | Correction to Release of the N1 NAS signalling connection | | | MediaTek Inc. / Carlson | CR 2276 24.501 Rel-16 |  | |
|  |  | | [C1-203313](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203313.zip) | Correction to spelling mistakes | | | MediaTek Inc. / Carlson | CR 2277 24.501 Rel-16 |  | |
|  |  | | [C1-203325](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203325.zip) | Correction on allowed NSSAI for UE not supporting NSSAA | | | OPPO / Rae | CR 2282 24.501 Rel-16 |  | |
|  |  | | [C1-203335](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203335.zip) | Abnormal case handling for MO IMS registration related signalling | | | NTT DOCOMO INC. | CR 6421 24.229 Rel-16 |  | |
|  |  | | [C1-203351](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203351.zip) | Adding the parameter "access technology" as input to SOR-AF | | | DOCOMO Communications Lab., Thales, China Mobile | CR 0515 23.122 Rel-16 | Revision of C1-202902  alternate proposal in C1-203547 | |
|  |  | | [C1-203370](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203370.zip) | Removal of duplicate words | | | MediaTek Inc. / Marko | CR 2289 24.501 Rel-16 |  | |
|  |  | | [C1-203371](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203371.zip) | Correction to 5GMM-REGISTERED.NORMAL-SERVICE | | | MediaTek Inc. / Marko | CR 2290 24.501 Rel-16 |  | |
|  |  | | [C1-203374](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203374.zip) | Correction to handling of NAS level mobility management congestion control | | | MediaTek Inc. / Marko | CR 2291 24.501 Rel-16 |  | |
|  |  | | [C1-203377](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203377.zip) | Correction to handling of #3/#6/#7 | | | MediaTek Inc. / Marko | CR 2292 24.501 Rel-16 |  | |
|  |  | | [C1-203380](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203380.zip) | Correction to handling of #9 | | | MediaTek Inc. / Marko | CR 2293 24.501 Rel-16 |  | |
|  |  | | [C1-203393](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203393.zip) | Correction to 5GMM-DEREGISTERED.NORMAL-SERVICE | | | MediaTek Inc. / Marko | CR 2294 24.501 Rel-16 |  | |
|  |  | | [C1-203397](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203397.zip) | Correction to handling of cause #31 for mobility registration update procedure | | | MediaTek Inc. / Marko | CR 2295 24.501 Rel-16 |  | |
|  |  | | [C1-203398](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203398.zip) | Correction to subclause in Requested NSSAI | | | MediaTek Inc. / Marko | CR 2296 24.501 Rel-16 |  | |
|  |  | | [C1-203399](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203399.zip) | Clarification in usage of SIM terminology in 5GS services | | | MediaTek Inc. / Marko | CR 2297 24.501 Rel-16 |  | |
|  |  | | [C1-203400](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203400.zip) | Clarification of notification in 5GMM-REGISTERED.NORMAL-SERVICE | | | MediaTek Inc. / Marko | CR 2298 24.501 Rel-16 |  | |
|  |  | | [C1-203466](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203466.zip) | Not including NSSAI for emergency session for interworking without N26 interface | | | Qualcomm Incorporated | CR 2317 24.501 Rel-16 |  | |
|  |  | | [C1-203470](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203470.zip) | AMF not using 5GMM registration status in UE status IE | | | Qualcomm Incorporated | CR 2318 24.501 Rel-16 |  | |
|  |  | | [C1-203471](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203471.zip) | MME not using EMM registration status in UE status IE | | | Qualcomm Incorporated | CR 3402 24.301 Rel-16 |  | |
|  |  | | C1-203475 | Additional abnormal case handling for NOTIFICATION message | | | Samsung/Anikethan | CR 1791 24.501 Rel-16 | Withdrawn  Revision of C1-202146 | |
|  |  | | [C1-203477](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203477.zip) | Analysis on PDU session type | | | Motorola Mobility, Lenovo | discussion 24.501 |  | |
|  |  | | [C1-203478](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203478.zip) | PDU session type | | | Motorola Mobility, Lenovo | CR 2320 24.501 Rel-16 |  | |
|  |  | | [C1-203487](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203487.zip) | Correction to default NSSAI conditions | | | Qualcomm Incorporated / Amer | CR 2161 24.501 Rel-16 | Revision of C1-202418  -----------------------------------  Was agreed  **Needs revision**, missing clauses affected | |
|  |  | | [C1-203489](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203489.zip) | Discussion on standardized STT | | | Qualcomm Incorporated / Amer | discussion Rel-16 |  | |
|  |  | | [C1-203490](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203490.zip) | Handling od standardized SST - Alt.1 | | | Qualcomm Incorporated / Amer | CR 2324 24.501 Rel-16 |  | |
|  |  | | [C1-203491](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203491.zip) | Handling od standardized SST - Alt.2 | | | Qualcomm Incorporated / Amer | CR 2325 24.501 Rel-16 |  | |
|  |  | | [C1-203492](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203492.zip) | Associating S-NSSAI-based congestion backoff timers with S-NSSAI when S-NSSAI is provided during PDU session establishment | | | Qualcomm Incorporated, SHARP, Nokia, Nokia Shanghai Bell / Amer | CR 2326 24.501 Rel-16 | Competing with C1-203354 | |
|  |  | | [C1-203496](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203496.zip) | T3346 triggers for 5GS | | | Ericsson / Mikael | CR 3225 24.008 Rel-16 |  | |
|  |  | | [C1-203497](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203497.zip) | NAS level mobility management congestion control in 5GS | | | Ericsson, MediaTek Inc. / Mikael | discussion Rel-16 |  | |
|  |  | | [C1-203498](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203498.zip) | T3346 handling when the UE is registered over both 3GPP and non-3GPP access | | | Ericsson, MediaTek Inc. / Mikael | CR 2329 24.501 Rel-16 |  | |
|  |  | | [C1-203506](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203506.zip) | Support for emergency services for roaming users as an input to update "Operator Controlled PLMN Selector with Access Technology" | | | Apple | CR 0551 23.122 Rel-16 |  | |
|  |  | | [C1-203509](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203509.zip) | Clarification on handling of rejected NSSAI for the current registration area | | | SHARP | CR 2332 24.501 Rel-16 |  | |
|  |  | | [C1-203513](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203513.zip) | Discarding a SECURITY MODE COMMAND message which fails integrity check | | | Nokia, Nokia Shanghai Bell | CR 2139 24.501 Rel-16 | Revision of C1-202379 | |
|  |  | | [C1-203521](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203521.zip) | Correction on unclear texts regarding the CONFIGURATION UPDATE COMMAND message | | | SHARP | CR 2341 24.501 Rel-16 |  | |
|  |  | | [C1-203530](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203530.zip) | Handling of MCS data in various 5GMM states | | | Samsung | CR 1415 24.501 Rel-16 | Revision of C1-202376 | |
|  |  | | [C1-203531](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203531.zip) | Additional triggers for Service Request over non-3GPP access | | | Samsung/Anikethan | CR 2344 24.501 Rel-16 |  | |
|  |  | | [C1-203533](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203533.zip) | Provisioning of DNS server security information to the UE | | | Samsung/Kundan | CR 3226 24.008 Rel-16 |  | |
|  |  | | [C1-203534](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203534.zip) | Provisioning of DNS server security information to the UE-25.401 | | | Samsung/Kundan | CR 2345 24.501 Rel-16 |  | |
|  |  | | [C1-203535](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203535.zip) | Provisioning of DNS server security information to the UE-23.401 | | | Samsung/Kundan | CR 3404 24.301 Rel-16 |  | |
|  |  | | [C1-203543](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203543.zip) | Condition for setting the Selected EPS NAS algorithm IE to NULL | | | BEIJING SAMSUNG TELECOM R&D | CR 2347 24.501 Rel-16 |  | |
|  |  | | [C1-203547](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203547.zip) | On the parameters provided to the SOR-AF from the UDM | | | Nokia, Nokia Shanghai Bell, Ericsson | CR 0552 23.122 Rel-16 | alternate proposal in C1-203351 | |
|  |  | | [C1-203548](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203548.zip) | Correction in the AMF behaviour upon LADN information update | | | Nokia, Nokia Shanghai Bell | CR 2350 24.501 Rel-16 |  | |
|  |  | | [C1-203549](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203549.zip) | Discussion w.r.t. C1-203513 | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  | |
|  |  | | [C1-203550](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203550.zip) | Timer\_T3245\_Behaviour leaf applicable in 5GS | | | Nokia, Nokia Shanghai Bell | CR 0050 24.368 Rel-16 |  | |
|  |  | | [C1-203551](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203551.zip) | PDU session release for an inactive UE with RAN paging failure | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 | Altenative to C1-203704 | |
|  |  | | [C1-203552](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203552.zip) | Initiation of ESFB by a UE in the state 5GMM-REGISTERED.ATTEMPTING-REGISTRATION-UPDATE | | | Nokia, Nokia Shanghai Bell | CR 2140 24.501 Rel-16 | Revision of C1-202380 | |
|  |  | | [C1-203553](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203553.zip) | PDU session number control based on priority | | | Nokia, Nokia Shanghai Bell | CR 2351 24.501 Rel-16 |  | |
|  |  | | [C1-203556](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203556.zip) | PDU session number control based on priority | | | Nokia, Nokia Shanghai Bell | CR 0080 24.526 Rel-16 |  | |
|  |  | | [C1-203582](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203582.zip) | Unify terminology for default S-NSSAIs and subscribed S-NSSAIs marked as default | | | LG Electronics France / Sunhee Kim | CR 2352 24.501 Rel-16 |  | |
|  |  | | [C1-203583](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203583.zip) | Discussion on Selected EPS NAS algorithm delivery | | | MediaTek Inc. / Marko | discussion Rel-16 |  | |
|  |  | | [C1-203584](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203584.zip) | Delivery of selected EPS NAS security algorithms - solution alt#1 | | | MediaTek Inc. / Marko | CR 2353 24.501 Rel-16 |  | |
|  |  | | [C1-203585](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203585.zip) | Delivery of selected EPS NAS security algorithms - solution alt#2 | | | MediaTek Inc. / Marko | CR 2354 24.501 Rel-16 |  | |
|  |  | | [C1-203586](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203586.zip) | Delivery of selected EPS NAS security algorithms - solution alt#3 | | | MediaTek Inc. / Marko | CR 2355 24.501 Rel-16 |  | |
|  |  | | [C1-203587](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203587.zip) | Discussion on UL NAS COUNT used for AS SMC at radio bearer establishment | | | MediaTek Inc. / Marko | discussion Rel-16 |  | |
|  |  | | [C1-203589](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203589.zip) | MRU after SR for ESFB aborted | | | MediaTek Inc. / Marko | CR 2185 24.501 Rel-16 | Revision of C1-202682  -----------------------------------------  Was agreed  Revision of C1-202503 | |
|  |  | | [C1-203592](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203592.zip) | Correction to Handling of T3521 timer | | | MediaTek Inc. / Marko | CR 2193 24.501 Rel-16 | Revision of C1-202687  -----------------------------------------------  Was agreed  Needs revision, missing clauses affected  Revision of C1-202514 | |
|  |  | | [C1-203593](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203593.zip) | Correction to Service Reject with cause #28 | | | MediaTek Inc. / Marko | CR 2356 24.501 Rel-16 |  | |
|  |  | | [C1-203594](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203594.zip) | UE behaviour when receiving allowed NSSAI in CUC | | | MediaTek Inc. / Marko | CR 2357 24.501 Rel-16 |  | |
|  |  | | [C1-203595](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203595.zip) | Ciphering initial registration message with NULL algorithm | | | MediaTek Inc. / Marko | CR 2358 24.501 Rel-16 |  | |
|  |  | | [C1-203597](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203597.zip) | mobility registration type for 5G steering of roaming over control plane | | | LG Electronics France / Sunhee Kim | CR 0555 23.122 Rel-16 |  | |
|  |  | | [C1-203600](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203600.zip) | Clarification to the Secondary authorization and authentication by an DN-AAA | | | Samsung/Kundan | CR 2360 24.501 Rel-16 |  | |
|  |  | | [C1-203605](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203605.zip) | No available S-NSSAIs at handover with established emergency PDU session | | | Ericsson /kaj | discussion Rel-16 |  | |
|  |  | | [C1-203606](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203606.zip) | Clean up description of Cause #34 in TS 24.501 | | | Huawei, HiSilicon / Cristina | CR 2362 24.501 Rel-16 |  | |
|  |  | | [C1-203627](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203627.zip) | Semantic error check for duplicate QRI or QFI | | | Huawei, HiSilicon / Cristina | CR 2364 24.501 Rel-16 |  | |
|  |  | | C1-203629 | Discussion on whether mobility registration updating type is needed for SOR procedure | | | LG Electronics France / Sunhee Kim | discussion Rel-16 | Withdrawn | |
|  |  | | [C1-203631](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203631.zip) | Missing QoS flow description parameters for GBR QoS flows in 5GSM and ESM coordination | | | Huawei, HiSilicon / Cristina | CR 2122 24.501 Rel-16 | Revision of C1-202861 | |
|  |  | | [C1-203643](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203643.zip) | No available S-NSSAIs and emergency PDU session at handover | | | Ericsson /kaj | CR 2088 24.501 Rel-16 | Revision of C1-202843 | |
|  |  | | [C1-203667](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203667.zip) | Delete rejected NSSAI if no need for re-registation | | | Huawei, HiSilicon / Cristina | CR 2373 24.501 Rel-16 |  | |
|  |  | | C1-203669 | Delete rejected NSSAI if no need for re-registation | | | Huawei, HiSilicon / Cristina | CR 2374 24.501 Rel-16 | Withdrawn | |
|  |  | | [C1-203671](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203671.zip) | NAS message transmission failure indication with delayed TAI change | | | Huawei, HiSilicon / Cristina | CR 2375 24.501 Rel-16 |  | |
|  |  | | [C1-203696](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203696.zip) | Domain descriptors in URSP | | | Huawei, HiSilicon/Lin | CR 0081 24.526 Rel-16 |  | |
|  |  | | [C1-203697](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203697.zip) | 5GS update status set for 5GC interworking | | | Huawei, HiSilicon/Lin | CR 3408 24.301 Rel-16 |  | |
|  |  | | [C1-203698](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203698.zip) | Correction on MME security handling for 5GC interworking in idle mode | | | Huawei, HiSilicon/Lin | CR 3409 24.301 Rel-16 |  | |
|  |  | | [C1-203699](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203699.zip) | No CSFB following emergency services fallback from 5GS | | | Huawei, HiSilicon/Lin | CR 3410 24.301 Rel-16 |  | |
|  |  | | [C1-203700](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203700.zip) | Handling of multiple QoS flow descriptions | | | Huawei, HiSilicon/Lin | CR 2382 24.501 Rel-16 |  | |
|  |  | | [C1-203701](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203701.zip) | Single-registration mode without N26 for three Ies | | | Huawei, HiSilicon/Lin | CR 2383 24.501 Rel-16 |  | |
|  |  | | [C1-203702](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203702.zip) | Discussion on NAS COUNT handling for replay protection | | | Huawei, HiSilicon/Lin | discussion Rel-16 | Background for 3703 | |
|  |  | | [C1-203703](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203703.zip) | Clarification of NAS COUNT handling in 5G | | | Huawei, HiSilicon/Lin | CR 2384 24.501 Rel-16 | This is an alternative to agreed CR from last meeting (C1-202089) | |
|  |  | | [C1-203704](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203704.zip) | Discussion on CT1 required work for UE not reachable for PDU session release | | | Huawei, HiSilicon/Lin | discussion Rel-16 | Alternative to C1-203551 | |
|  |  | | [C1-203736](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203736.zip) | A new approach for registering and retrieving OS/App IDs | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  | |
|  |  | | [C1-203737](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203737.zip) | Discussion on prevention of loop scenario for 5GMM cause #62 | | | Huawei, HiSilicon / Vishnu | discussion 24.501 Rel-16 |  | |
|  |  | | [C1-203738](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203738.zip) | Prevention of loop scenario for 5GMM cause #62 | | | Huawei, HiSilicon / Vishnu | CR 2394 24.501 Rel-16 |  | |
|  |  | | [C1-203739](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203739.zip) | Handling of PDU session authentication | | | Samsung/Grace | CR 2395 24.501 Rel-16 |  | |
|  |  | | C1-203741 | mobility registration type for 5G steering of roaming over control plane | | | LG Electronics France / Sunhee Kim | CR 2396 24.501 Rel-16 | Withdrawn | |
|  |  | | [C1-203353](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203353.zip) | Addition of 5GSM cause #59 | | | MediaTek Inc., Ericsson / JJ | CR 2205 24.501 Rel-16 | Revision of C1-202821  ---------------------------------------  Was Agreed  Revision of C1-202538 | |
|  |  | | [C1-203354](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203354.zip) | Correction of S-NSSAI based congestion control | | | MediaTek Inc., Huawei, HiSilicon. / JJ | CR 1738 24.501 Rel-16 | Revision of C1-198427  Competing with C1-203492 | |
|  |  | | [C1-203355](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203355.zip) | [Disc] S-NSSAI based congestion control | | | MediaTek Inc. / JJ | discussion | Related to CR in CR in C1-203354 | |
|  |  | | [C1-203358](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203358.zip) | Indicate 5GSM cause when initiating 5GSM procedure for error handling | | | MediaTek Inc. / JJ | CR 2283 24.501 Rel-16 |  | |
|  |  | | [C1-203359](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203359.zip) | PDU session release upon receipt of PDU session status IE | | | MediaTek Inc. / JJ | CR 2284 24.501 Rel-16 |  | |
|  |  | | [C1-203360](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203360.zip) | PDU session handling when the S-NSSAI is not in the allowed NSSAI but the PSI is active in the PDU session status IE | | | MediaTek Inc. / JJ | CR 2285 24.501 Rel-16 |  | |
|  |  | | [C1-203362](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203362.zip) | Stop back-off timer upon receipt of 5GSM #39 | | | MediaTek Inc. / JJ | CR 2287 24.501 Rel-16 |  | |
|  |  | | [C1-203363](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203363.zip) | Handling of S-NSSAI provided by the ePDG | | | MediaTek Inc. / JJ | CR 3384 24.301 Rel-16 |  | |
|  |  | | [C1-203404](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203404.zip) | Disable CIOT and PSM when transferring an emergency PDU session using stand-alone PDN connectivity request | | | BlackBerry UK Ltd. | CR 3399 24.301 Rel-16 |  | |
|  |  | | [C1-203405](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203405.zip) | Support for continuity of emergency session upon attach failure | | | BlackBerry UK Ltd. | CR 3400 24.301 Rel-16 |  | |
|  |  | | [C1-203406](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203406.zip) | Support for continuity of emergency session upon registration failure | | | BlackBerry UK Ltd. | CR 2299 24.501 Rel-16 |  | |
|  |  | | [C1-203407](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203407.zip) | Clarify behavior when the UE needs to send a CSFB request due to EENL | | | BlackBerry UK Ltd. | CR 3401 24.301 Rel-16 |  | |
|  |  | | [C1-203423](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203423.zip) | Updating the requirements of Rejected NSSAI in roaming scenarios | | | China Mobile, ZTE, Huawei, HiSilicon | CR 2301 24.501 Rel-16 |  | |
|  |  | | [C1-203756](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203756.zip) | MICO indication needs to be included without Network Slicing Subscription Change Indication in UCU. | | | Samsung Electronics Polska / Ricky | CR 2230 24.501 Rel-16 | Revision of C1-203131 | |
|  |  | | [C1-203757](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203757.zip) | Conditions for use of S-NSSAIs after receiving Rejected NSSAI | | | Samsung Electronics Polska / Ricky | CR 2231 24.501 Rel-16 | Revision of C1-203132 | |
|  |  | | [C1-203761](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203761.zip) | UE stopping back-off timer when receiving PDU SESSION AUTHENTICATION COMMAND | | | Samsung Electronics Polska / Ricky | CR 2235 24.501 Rel-16 | Revision of C1-203136 | |
|  |  | | [C1-203555](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203555.zip) | PLMN selection procedure for steering of UE in VPLMN | | | LG Electronics France / sunhee kim | CR 0553 23.122 Rel-16 | Shifted from 16.2.6  Work item on cover sheet needs to be corrected | |
|  |  | |  |  | | |  |  |  | |
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|  | 5Gprotoc16-non3GPP | |  | Peter – Main | | |  |  | Stage-3 5GS NAS protocol development related to non-3GPP access | |
|  |  | | [C1-202279](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202279.zip) | Add handling for UE configured to use timer T3245 in 5GS for non-3GPP access | | | Qualcomm Incorporated | CR 0121 24.502 Rel-16 | Agreed | |
|  |  | | C1-202907 | Extending congestion notification to capture ePDG overload | | | Nokia, Nokia Shanghai Bell, Charter Communications | CR 0718 24.302 Rel-16 | Agreed  Revision of C1-202578 | |
|  |  | | C1-202903 | Extending congestion notification to capture N3IWF or TNGF overload | | | Nokia, Nokia Shanghai Bell, Charter Communications | CR 0130 24.502 Rel-16 | Agreed  Revision of C1-202579 | |
|  |  | | C1-202901 | Enable N3IWF to initiate TCP connection establishment upon failure | | | Nokia, Nokia Shanghai Bell | CR 0131 24.502 Rel-16 | Agreed  Revision of C1-202580 | |
|  |  | |  |  | | |  |  |  | |
|  |  | |  |  | | |  |  |  | |
|  |  | |  |  | | |  |  |  | |
|  |  | | [C1-203244](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203244.zip) | Store the received S-NSSAI via ePDG in the configured NSSAI | | | ZTE / Joy | CR 2250 24.501 Rel-16 |  | |
|  |  | | [C1-203458](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203458.zip) | Correcting editorial errors | | | Motorola Mobility, Lenovo | CR 0138 24.502 Rel-16 |  | |
|  |  | | [C1-203459](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203459.zip) | Resolution of editor's notes under clauses 7.3.4 and 7.3.5 | | | Huawei, HiSilicon /Christian | CR 0139 24.502 Rel-16 |  | |
|  |  | | [C1-203461](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203461.zip) | Resolution of editor's notes under clauses 7.5.5 and 7.5.6 | | | Huawei, HiSilicon /Christian | CR 0141 24.502 Rel-16 |  | |
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|  | ATSSS | |  | Peter – Main | | |  |  | CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system  Is TS 24.193 sufficiently stable to be sent to CT#88 for approval?  Show of hands, 16.04./17.04.  Support for C1-202019 (Ericsson) **24**  Support for C1-202266 (Apple) **14** | |
|  |  | | [C1-202009](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202009.zip) | EPS interworking of MA PDU session of 5G-RG when N26 is not supported | | | Ericsson / Ivo | CR 2027 24.501 Rel-16 | Agreed | |
|  |  | | C1-202650 | Editorial fix in 9.11.4 | | | Apple | CR 2169 24.501 Rel-16 | Agreed  Revision of C1-202431 | |
|  |  | | C1-202701 | Applicability of PS data off to MA PDU | | | OPPO / Rae | CR 2042 24.501 Rel-16 | Agreed  Revision of C1-202120 | |
|  |  | | C1-202816 | Handlings of MA PDU session when deregistration from an access | | | MediaTek Inc. / JJ | CR 2203 24.501 Rel-16 | Agreed  Revision of C1-202531 | |
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|  |  | | [C1-203047](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203047.zip) | Detecting and ignoring delayed PMFP messages | | | Ericsson / Ivo | discussion Rel-16 |  | |
|  |  | | [C1-203048](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203048.zip) | Alternative 1 for detecting and ignoring delayed PMFP messages | | | Ericsson / Ivo | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203049](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203049.zip) | Alternative 2 for detecting and ignoring delayed PMFP messages | | | Ericsson / Ivo | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203050](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203050.zip) | MA PDU session parameters when the 5G-RG establishes a PDN connection as a user-plane resource of an MA PDU session to be established | | | Ericsson / Ivo | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203051](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203051.zip) | EPS interworking of MA PDU session of 5G-RG | | | Ericsson / Ivo | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203071](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203071.zip) | Session-AMBR and MA PDU session | | | Ericsson / Ivo | CR 2222 24.501 Rel-16 |  | |
|  |  | | [C1-203074](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203074.zip) | Introduction of ATSSS | | | ZTE / Joy, InterDigital | CR 2223 24.501 Rel-16 |  | |
|  |  | | [C1-203075](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203075.zip) | Resolve editor note in clause 5.2 | | | ZTE / Joy, InterDigital | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203076](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203076.zip) | Steering modes for GBR traffic | | | ZTE / Joy | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203077](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203077.zip) | IETF reference updates | | | ZTE / Joy | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203081](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203081.zip) | Editor's note on security of PMFP | | | Ericsson / Ivo | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203082](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203082.zip) | Handling of unknown, unforeseen, and erroneous PMFP data | | | Ericsson / Ivo | pCR 24.193 Rel-16 |  | |
|  |  | | [C1-203085](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203085.zip) | "MA PDU request" when the UE has an MA PDU session established over one access and requests establishment of user plane resources over the other access | | | Ericsson / Ivo | CR 2224 24.501 Rel-16 |  | |
|  |  | | [C1-203126](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203126.zip) | EPS interworking of MA PDU session of 5G-RG when N26 is supported | | | Ericsson / Ivo | CR 2029 24.501 Rel-16 | Revision of C1-202695  -------------------------------------------  Was agreed  Revision of C1-202031 | |
|  |  | | [C1-203639](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203639.zip) | Add the reference and the supported NFs of MA PDU session | | | China Telecom Corporation Ltd. | CR 2365 24.501 Rel-16 |  | |
|  |  | | [C1-203740](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203740.zip) | Service Request | | | Samsung/Grace | pCR 24.193 Rel-16 |  | |
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|  | eNS | |  | Peter – Main | | |  |  | CT aspects on enhancement of network slicing | |
|  |  | | [C1-202134](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202134.zip) | Stopping of T3346 after receiving the NSSA Command message | | | BEIJING SAMSUNG TELECOM R&D | CR 2049 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202224](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202224.zip) | T3540 is not started if the Registration Accept includes a pending NSSAI | | | BEIJING SAMSUNG TELECOM R&D | CR 2075 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202241](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202241.zip) | Fixing typo related to eNS | | | BEIJING SAMSUNG TELECOM R&D | CR 2080 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202475](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202475.zip) | Term on rejected NSSAI for the failed or revoked NSSAA | | | Huawei, HiSilicon/Lin | CR 2181 24.501 Rel-16 | Agreed | |
|  |  | | C1-202629 | Missing condition for inclusion of “NSSAA to be performed” indicatory | | | Samsung Electronics Polska | CR 2043 24.501 Rel-16 | Agreed  Revision of C1-202121 | |
|  |  | | C1-202678 | Clarify that NSSAA can occur during periodic registration or mobility updating for NB-N1 mode UEs | | | BEIJING SAMSUNG TELECOM R&D | CR 2079 24.501 Rel-16 | Agreed  Revision of C1-202234 | |
|  |  | | C1-202827 | Exception to initiate the service request procedure during NSSAA when there is no allowed NSSAI | | | BEIJING SAMSUNG TELECOM R&D | CR 2089 24.501 Rel-16 | Agreed  Revision of C1-202257 | |
|  |  | | C1-202784 | Missing condition at registration reject due to no available slices | | | Ericsson /kaj | CR 2091 24.501 Rel-16 | Agreed  Revision of C1-202261 | |
|  |  | | C1-202813 | S-NSSAI in rejected NSSAI for the failed or revoked NSSAA not to be requested | | | Ericsson /kaj | CR 1734 24.501 Rel-16 | Agreed  Revision of C1-202247 | |
|  |  | | C1-202825 | Alignment of UE actions of rejected NSSAI for the failed or revoked NSSAA | | | Ericsson /kaj | CR 2084 24.501 Rel-16 | Agreed  Revision of C1-202248 | |
|  |  | | C1-202872 | Update description on whether UE indicate supporting NSSAA | | | China Telecom Corporation Ltd. | CR 2039 24.501 Rel-16 | Agreed  Revision of C1-202792 | |
|  |  | | C1-202778 | Pending NSSAI update for the configured NSSAI in the CUC message | | | China Telecom Corporation Ltd. | CR 2040 24.501 Rel-16 | Agreed  Revision of C1-202113 | |
|  |  | | C1-202776 | Clarification on the rejected S-NSSAI included in requested NSSAI in registration procedure. | | | China Telecom Corporation Ltd. | CR 2053 24.501 Rel-16 | Agreed  Revision of C1-202157 | |
|  |  | | C1-202774 | Clarification S-NSSAI status in AMF for NSSAA | | | China Telecom Corporation Ltd. | CR 2038 24.501 Rel-16 | Agreed  Revision of C1-202111 | |
|  |  | | C1-202608 | AMF triggers PDU session release | | | Samsung Electronics Polska | CR 2044 24.501 Rel-16 | Agreed  Revision of C1-202122 | |
|  |  | | [C1-202871](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202473.zip) | Inclusion of pending S-NSSAI(s) in the requested NSSAI | | | Huawei, HiSilicon, China Telecom/Lin | CR 2180 24.501 Rel-16 | Agreed  Revision of [C1-202800](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202473.zip)  Revision of [C1-202473](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202473.zip) | |
|  |  | | C1-202881 | Handling of Pending S-NSSAI | | | Samsung/Kundan | CR 2144 24.501 Rel-16 | Agreed  Revision of [C1-202385](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202385.zip) | |
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|  |  | | [C1-203037](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203037.zip) | S-NSSAIs always selected from allowed NSSAI by AMF | | | Ericsson /kaj | CR 2086 24.501 Rel-16 | Revision of C1-202252  Related C1-203596 | |
|  |  | | [C1-203122](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203122.zip) | Adding AAA-S via NSSAAF to support NSSAA | | | China Telecom Corporation Ltd. | CR 2228 24.501 Rel-16 |  | |
|  |  | | [C1-203228](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203228.zip) | NSSAA in an SNPN | | | Nokia, Nokia Shanghai Bell | CR 2135 24.501 Rel-16 | Revision of C1-202833  --------------------------------------------------  Was agreed  **Needs revision**, rev counter should be 1  Revision of C1-202374  Revision of C1-202374 | |
|  |  | | [C1-203235](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203235.zip) | Disabling of N1 capabilities when all requested S-NSSAIs subjected to NSSAA are rejected due to failure of NSSAA or when no slice is available for UE | | | Apple | CR 2244 24.501 Rel-16 |  | |
|  |  | | [C1-203236](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203236.zip) | Reactivation of previously rejected S-NSSAI due to NSSAA failure | | | Apple | CR 2245 24.501 Rel-16 |  | |
|  |  | | [C1-203259](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203259.zip) | Re-initiation of NSSAA – Proactive Solution | | | Samsung, Huawei, HiSilicon | CR 2253 24.501 Rel-16 | Some issue as in C1-203260 | |
|  |  | | [C1-203260](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203260.zip) | Re-initiation of NSSAA – Reactive solution | | | Samsung, Huawei, HiSilicon, China Mobile | CR 2254 24.501 Rel-16 | Some issue as in C1-203259 | |
|  |  | | [C1-203324](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203324.zip) | Clarification on S-NSSAI deletion based on the rejected NSSAI due to NSSAA in the roaming case | | | OPPO / Rae | CR 2281 24.501 Rel-16 |  | |
|  |  | | [C1-203334](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203334.zip) | Deleting Editors note regarding indefinite wait at the UE for NSSAA completion | | | ZTE / Shuang | CR 1912 24.501 Rel-16 | Revision of C1-202340 | |
|  |  | | [C1-203336](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203336.zip) | Work Plan for eNS in CT1 | | | ZTE / Shuang | Work Plan Rel-16 |  | |
|  |  | | [C1-203419](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203419.zip) | Updating Rejected NSSAI IE for failed NSSAA case in roaming scenerios | | | China Mobile, Huawei, HiSilicon, Samsung, ZTE | CR 2108 24.501 Rel-16 | Revision of C1-202627  -------------------------------------  Was agreed  **Needs revision**, rev counter should be 1  Revision of C1-202329 | |
|  |  | | [C1-203420](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203420.zip) | Updating requirements of NSSAA for roaming scenarios | | | China Mobile,ZTE, Samsung | CR 2059 24.501 Rel-16 | Revision of C1-202628  ---------------------------------------  Was Agreed  Revision of C1-202173 | |
|  |  | | [C1-203421](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203421.zip) | Clarifying the description for Network Slice-Specific Authorization Revocation | | | China Mobile, Motorola Mobility, Lenovo | CR 2058 24.501 Rel-16 | Revision of C1-202603 | |
|  |  | | [C1-203422](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203422.zip) | Updating the requirements of Rejected NSSAI for UE not supporting NSSAA feature in roaming scenerios | | | China Mobile, ZTE, Huawei, HiSilicon | CR 2300 24.501 Rel-16 |  | |
|  |  | | [C1-203424](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203424.zip) | Abnormal case about missing EAP result for NSSAA | | | China Mobile | CR 2302 24.501 Rel-16 |  | |
|  |  | | [C1-203432](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203432.zip) | UE behaviour when more than 8 S-NSSAIs received in pending NSSAI IE | | | Ericsson /kaj | CR 2309 24.501 Rel-16 |  | |
|  |  | | [C1-203433](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203433.zip) | Pending NSSAI may contain serving PLMN and mapped HPLMN S-NSSAI values | | | Ericsson /kaj | CR 2310 24.501 Rel-16 |  | |
|  |  | | [C1-203434](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203434.zip) | Status synchronization of S-NSSAIs pending NSSAA procedure | | | Ericsson /kaj | CR 2311 24.501 Rel-16 | Alternative to C1-303705 | |
|  |  | | [C1-203507](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203507.zip) | Correction related the pending NSSAI | | | SHARP | CR 2330 24.501 Rel-16 |  | |
|  |  | | [C1-203508](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203508.zip) | Pending NSSAI update for the new configured NSSAI in the UCU message | | | China Telecom, Samsung | CR 2331 24.501 Rel-16 |  | |
|  |  | | [C1-203510](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203510.zip) | Clarification on S-NSSAI(s) in URSP(NSSP) be added into the request NSSAI | | | China Telecom Corporation Ltd. | CR 2333 24.501 Rel-16 |  | |
|  |  | | [C1-203518](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203518.zip) | A default S-NSSAI not subject to NSSAA | | | China Telecom Corporation Ltd. | CR 2339 24.501 Rel-16 |  | |
|  |  | | [C1-203538](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203538.zip) | Updating NSSAI status in AMF | | | NEC | CR 1990 24.501 Rel-16 | Revision of C1-202454 | |
|  |  | | [C1-203546](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203546.zip) | PLMN selection procedure in case of NSSAA failure in roaming scenario | | | LG Electronics France | CR 2349 24.501 Rel-16 |  | |
|  |  | | [C1-203596](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203596.zip) | Clarification on PDU session establishment without S-NSSAI indication | | | Nokia, Nokia Shanghai Bell | CR 2359 24.501 Rel-16 | Related C1-203037 | |
|  |  | | [C1-203664](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203664.zip) | Collision between CUC procedure (due to UDM change of slicing information) and ongoing NSSAA | | | BEIJING SAMSUNG TELECOM R&D | CR 2370 24.501 Rel-16 |  | |
|  |  | | [C1-203675](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203675.zip) | Discussion on NSSAA in roaming cases | | | BEIJING SAMSUNG TELECOM R&D | discussion Rel-16 | Related to C1-203434 | |
|  |  | | [C1-203676](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203676.zip) | NSSAA for UEs that roam across 5GS VPLMNs | | | BEIJING SAMSUNG TELECOM R&D | CR 2378 24.501 Rel-16 |  | |
|  |  | | [C1-203705](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203705.zip) | Inclusion of pending S-NSSAI(s) in the requested NSSAI | | | Huawei, HiSilicon, China Telecom, Samsung/Lin | CR 2385 24.501 Rel-16 | Alternative to C1-203434 | |
|  |  | | [C1-203706](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203706.zip) | Providing complete pending NSSAI for NSSAA | | | Huawei, HiSilicon, China Telecom, Samsung/Lin | CR 2386 24.501 Rel-16 | Related to C1-203760 | |
|  |  | | [C1-203707](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203707.zip) | Abort NSSAA for S-NSSAI without in requested NSSAI | | | Huawei, HiSilicon, China Telecom, Samsung/Lin | CR 2387 24.501 Rel-16 | Releated to C1-203760 | |
|  |  | | [C1-203717](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203717.zip) | Handling of rejected NSSAI when associated with 5GMM cause #62 | | | Samsung,Huawei,HiSilicon/Anikethan | CR 2052 24.501 Rel-16 | Revision of C1-202150 | |
|  |  | | [C1-203758](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203758.zip) | Default S-NSSAI not subject to network slice-specific authentication and authorization | | | Samsung Electronics Polska / Ricky | CR 2232 24.501 Rel-16 | Revision of C1-203133 | |
|  |  | | [C1-203759](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203759.zip) | Performing network slice-specific re-authentication and re-authorisation | | | Samsung Electronics Polska / Ricky | CR 2233 24.501 Rel-16 | Revision of C1-203134 | |
|  |  | | [C1-203760](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203760.zip) | Storage of pending NSSAI | | | Samsung Electronics Polska, Huawei, HiSilicon / Ricky | CR 2234 24.501 Rel-16 | Revision of C1-203135  Related to C1-20303706/07 | |
|  |  | | [C1-203762](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203762.zip) | Pending NSSAI and equivalent PLMNs | | | Samsung Electronics Polska / Ricky | CR 2236 24.501 Rel-16 | Revision of C1-203138 | |
|  |  | | [C1-203763](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203763.zip) | Emergency services during NSSAA that fails for all slices | | | Samsung Electronics Polska / Ricky | CR 2238 24.501 Rel-16 | Revision of C1-203140 | |
|  |  | | [C1-203764](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203764.zip) | NSSAA and NSSAI Inclusion Mode | | | Samsung Electronics Polska / Ricky | CR 2239 24.501 Rel-16 | Revision of C1-203141 | |
|  |  | | [C1-203765](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\4th\C1-203765.zip) | Size of pending NSSAI in REGISTRATION ACCEPT message | | | Samsung Electronics Polska / Ricky | CR 2315 24.501 Rel-16 | Revision of C1-203456 | |
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|  | Vertical\_LAN | |  | Peter – Main | | |  |  | CT aspects of 5GS enhanced support of vertical and LAN services | |
|  |  | | [C1-203092](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203092.zip) | Work plan for Vertical\_LAN | | | Nokia, Nokia Shanghai Bell | Work Plan Rel-16 |  | |
|  |  | |  |  | | |  |  | Stand-alone NPN | |
|  |  | | [C1-202087](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202087.zip) | Correction in UE 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 | Agreed  Revision of C1-200970 | |
|  |  | | [C1-202193](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202193.zip) | update of the counter for SNPN | | | Vivo | CR 2064 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202194](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202194.zip) | temporarily and permanently forbidden SNPNs lists per access type | | | Vivo | CR 2065 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202197](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202197.zip) | 5GMM cause value #74 in an SNPN with a globally-unique SNPN identity | | | Vivo | CR 2068 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202393](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202393.zip) | figures 1, 2a, 2b, 3 and table 2 not applicable in SNPN | | | Intel /Thomas | CR 0524 23.122 Rel-16 | Agreed | |
|  |  | | [C1-202406](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202406.zip) | Handling of a UE not allowed to access SNPN services via a PLMN by subscription with 5GMM cause value #72 | | | Nokia, Nokia Shanghai Bell | CR 2151 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202522](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202522.zip) | Correct “theregistration” | | | MediaTek Inc. | CR 2196 24.501 Rel-16 | Agreed | |
|  |  | | C1-202777 | correction to network selection in case of multiple subscribed SNPNs | | | Intel /Thomas | CR 0528 23.122 Rel-16 | Agreed  Revision of C1-202432 | |
|  |  | | C1-202710 | 5G GUTI of SNPN | | | Vivo | CR 2067 24.501 Rel-16 | Agreed  Revision of C1-202196 | |
|  |  | | C1-202854 | UE in the 5GMM-REGISTERED.ATTEMPTING-REGISTRATION-UPDATE substate operating in SNPN access mode | | | Nokia, Nokia Shanghai Bell | CR 2157 24.501 Rel-16 | Agreed  Revision of C1-202413 | |
|  |  | | C1-202859 | Management of forbidden SNPNs list upon receipt of a non-integrity protected reject message | | | Nokia, Nokia Shanghai Bell | CR 0511 23.122 Rel-16 | Agreed  Revision of C1-202086  Ivo, Wed, 19:20  Wants a statement in the report,  Ericsson sees a danger in C1-202086 (and its revision) enabling an attacker to temporarily prevent the UE from getting services from the selected SNPN by attacker sending a single fake reject message. | |
|  |  | | C1-202869 | 5GMM cause value #13 not supporting roaming for SNPN | | | Vivo | CR 2069 24.501 Rel-16 | Agreed  Revision of C1-202712 | |
|  |  | | C1-202895 | storage of counters for UE in SNPN | | | Vivo | CR 2066 24.501 Rel-16 | Agreed  Revision of C1-202711  Revision of C1-202195 | |
|  |  | | C1-202609 | Definition of registered SNPN | | | Intel /Thomas | CR 2060 24.501 Rel-16 | Agreed  Revision of C1-202174 | |
|  |  | | C1-202799 | Non-3GPP access for PLMN and SNPN | | | Huawei, HiSilicon/Lin | CR 2177 24.501 Rel-16 | Agreed  Revision of C1-202469 | |
|  |  | | C1-202857 | 3GPP PS data off in an SNPN | | | Nokia, Nokia Shanghai Bell | CR 2159 24.501 Rel-16 | Agreed  Revision of C1-202415 | |
|  |  | | C1-202920 | Service area restrictions in an SNPN | | | Nokia, Nokia Shanghai Bell | CR 2153 24.501 Rel-16 | Agreed  Revision of C1-202664  Revision of C1-202409 | |
|  |  | | C1-202923 | Miscellaneous clean-up for SNPN | | | Nokia, Nokia Shanghai Bell | CR 2152 24.501 Rel-16 | Agreed  Revision of C1-202408 | |
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|  |  | | [C1-203087](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203087.zip) | Human readable network name for SNPN (alternative to TS 23.122 CR 0527) | | | Ericsson / Ivo | CR 0533 23.122 Rel-16 | Conflicts with C1-203598 | |
|  |  | | [C1-203229](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203229.zip) | NB-IoT not applicable for SNPN | | | Nokia, Nokia Shanghai Bell | CR 2149 24.501 Rel-16 | Revision of C1-202853  -----------------------------------------  Was agreed  Needs revision, missing tdoc number on cover sheet, wrong rev counter, should be 1  Revision of C1-202401 | |
|  |  | | [C1-203230](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203230.zip) | Routing indicator update in an SNPN | | | Nokia, Nokia Shanghai Bell, Ericsson | CR 2158 24.501 Rel-16 | Revision of C1-202856  -----------------------------------------------  Was agreed  **Needs revision,** missing tdoc number on cover sheet  Revision of C1-202414 | |
|  |  | | [C1-203242](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203242.zip) | Updates to SNPN selection | | | Apple | CR 0536 23.122 Rel-16 |  | |
|  |  | | [C1-203255](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203255.zip) | Introduction of SNPN-specific N1 mode attempt counters | | | Nokia, Nokia Shanghai Bell, Apple | CR 2011 24.501 Rel-16 | Revision of C1-202922 | |
|  |  | | [C1-203256](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203256.zip) | Alternative to CR#2011: Re-enabling the N1 mode capability upon expiry of T3247 based on the SNPN-specific attempt counters | | | Nokia, Nokia Shanghai Bell | CR 2251 24.501 Rel-16 |  | |
|  |  | | [C1-203257](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203257.zip) | Alternative to CR#2151: Handling of a UE not allowed to access SNPN services via a PLMN by subscription with 5GMM cause value #72 | | | Nokia, Nokia Shanghai Bell | CR 2252 24.501 Rel-16 |  | |
|  |  | | [C1-203258](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203258.zip) | SNPN-specific N1 mode attempt counters | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  | |
|  |  | | [C1-203283](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203283.zip) | operation of UE in SNPN access mode when timer T3247 expires | | | vivo | CR 2261 24.501 Rel-16 |  | |
|  |  | | [C1-203284](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203284.zip) | Reference correction for SNPN | | | vivo | CR 0540 23.122 Rel-16 |  | |
|  |  | | [C1-203285](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203285.zip) | Reference correction for SNPN | | | vivo | CR 2262 24.501 Rel-16 |  | |
|  |  | | [C1-203320](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203320.zip) | UE shall use the GUTI assigned by the same SNPN during registration | | | OPPO / Rae | CR 2278 24.501 Rel-16 |  | |
|  |  | | [C1-203321](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203321.zip) | Correct PLMN to SNPN in D.2.2.2 | | | OPPO / Rae | CR 2279 24.501 Rel-16 |  | |
|  |  | | [C1-203366](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203366.zip) | Correction of the handling of timer TG for SNPNs | | | Apple, Nokia, Nokia Shanghai Bell | CR 0514 23.122 Rel-16 | Revision of C1-202896 | |
|  |  | | [C1-203367](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203367.zip) | Alternative to CR#0514: Correction of the handling of timer TG for SNPNs | | | Apple | CR 0542 23.122 Rel-16 |  | |
|  |  | | [C1-203441](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203441.zip) | Clarification to SNPN manual selection. | | | Huawei, HiSilicon / Vishnu | CR 0549 23.122 Rel-16 |  | |
|  |  | | [C1-203442](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203442.zip) | Clarification to SNPN registration after SNPN selection. | | | Huawei, HiSilicon / Vishnu | CR 0550 23.122 Rel-16 |  | |
|  |  | | [C1-203517](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203517.zip) | RRC inactive for SNPN | | | vivo | CR 2338 24.501 Rel-16 |  | |
|  |  | | [C1-203520](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203520.zip) | Clarification on the non-supported functions and procedures for SNPN | | | SHARP | CR 2340 24.501 Rel-16 |  | |
|  |  | | [C1-203248](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203248.zip) | Adding NID to PANI | | | Ericsson /Jörgen | CR 6420 24.229 Rel-16 |  | |
|  |  | | [C1-203598](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203598.zip) | Human readable network name for SNPN | | | Nokia, Nokia Shanghai Bell | CR 0527 23.122 Rel-16 | Revision of C1-202855  Conflicts with C1-203087  ------------------------------------------  Was agreed  Revision of C1-202407 | |
|  |  | | [C1-203599](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203599.zip) | 5GSM back-off mechanisms in an SNPN | | | Nokia, Nokia Shanghai Bell, Intel, Ericsson | CR 2156 24.501 Rel-16 | Revision of C1-202915  ---------------------------------------  Was agreed  Revision of C1-202412 | |
|  |  | | [C1-203602](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203602.zip) | 3GPP PS data off configuration parameters for a UE operating in SNPN access mode | | | Nokia, Nokia Shanghai Bell | CR 0051 24.368 Rel-16 |  | |
|  |  | | [C1-203640](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203640.zip) | Editorial change to SNPN | | | Huawei, HiSilicon / Cristina | CR 2366 24.501 Rel-16 |  | |
|  |  | | [C1-203641](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203641.zip) | Update of the counters on receiving #27 in an SNPN | | | Samsung/Kundan | CR 2367 24.501 Rel-16 |  | |
|  |  | | [C1-203665](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203665.zip) | Management for SNPN access mode per access type | | | SHARP | CR 2371 24.501 Rel-16 |  | |
|  |  | | [C1-203709](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203709.zip) | Discussion on SNPN-specific N1 mode attempt counter | | | Huawei, HiSilicon, MediaTek Inc./Lin | discussion Rel-16 |  | |
|  |  | | [C1-203710](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203710.zip) | SNPN services via a PLMN over 3GPP access | | | Huawei, HiSilicon/Lin | CR 2388 24.501 Rel-16 |  | |
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|  |  | |  |  | | |  |  | Public network integrated NPN | |
|  |  | | [C1-202008](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202008.zip) | CAG-ID not provided to lower layers during NAS signalling connection establishment | | | Ericsson / Ivo | CR 1880 24.501 Rel-16 | Agreed  Revision of C1-200937 | |
|  |  | | [C1-202199](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202199.zip) | Clarification of the cause of start of T3550 | | | Vivo | CR 2070 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202470](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202470.zip) | No CAG in non-3GPP access | | | Huawei, HiSilicon/Lin | CR 2178 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202471](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202471.zip) | Correction on 5GMM #27 for CAG | | | Huawei, HiSilicon/Lin | CR 2179 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202495](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202495.zip) | Correction to Manual CAG selection procedure | | | Samsung/Kundan | CR 0529 23.122 Rel-16 | Agreed | |
|  |  | | C1-202840 | Providing configured HRNN for CAG selection | | | Ericsson / Ivo | CR 2009 24.501 Rel-16 | Agreed  **Needs revision**, rev counter should be 2  Revision of C1-202015 | |
|  |  | | C1-202845 | Handling of HRNN information in a CAG cell | | | Huawei, HiSilicon / Vishnu | CR 0518 23.122 Rel-16 | Agreed  Revision of C1-202256 | |
|  |  | | C1-202737 | Correction on no suitable cell | | | Vivo | CR 0517 23.122 Rel-16 | Agreed  Revision of C1-202179 | |
|  |  | | C1-202886 | Provision of CAG information list in reject messages | | | Huawei, HiSilicon/ Vishnu | CR 2087 24.501 Rel-16 | Agreed  Revision of C1-202253 | |
|  |  | | C1-202924 | CAG selection is optional in the manual network selection mode | | | Nokia, Nokia Shanghai Bell | CR 0526 23.122 Rel-16 | Agreed  Revision of C1-202405 | |
|  |  | | C1-202912 | Selected CAG-ID from the NAS layer to the AS layer | | | Nokia, Nokia Shanghai Bell, vivo, Qualcomm Incorporated, Samsung, Huawei, HiSilicon | CR 0525 23.122 Rel-16 | Agreed  Revision of C1-202397 | |
|  |  | | C1-202836 | Non-integrity protected REGISTRATION REJECT message including 5GMM cause #31 or #76 | | | Nokia, Nokia Shanghai Bell | CR 2134 24.501 Rel-16 | Agreed  Revision of C1-202373  Shifted from 5G\_CIoT | |
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|  |  | | [C1-203286](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203286.zip) | Clarification on emergency services for UE not supporting CAG | | | vivo | CR 2263 24.501 Rel-16 |  | |
|  |  | | [C1-203300](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203300.zip) | Discussion on UE consideration for "a CAG cell" and "not a CAG cell“ | | | MediaTek Inc. / Carlson | discussion Rel-16 |  | |
|  |  | | [C1-203301](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203301.zip) | Correction on UE consideration for not a CAG cell | | | MediaTek Inc. / Carlson | CR 0541 23.122 Rel-16 |  | |
|  |  | | [C1-203302](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203302.zip) | Correction on UE consideration for CAG cells | | | MediaTek Inc. / Carlson | CR 2266 24.501 Rel-16 |  | |
|  |  | | C1-203436 | Correction to CAG selection in automatic mode | | | Huawei, HiSilicon / Vishnu | CR 2312 24.501 Rel-16 | Withdrawn | |
|  |  | | [C1-203437](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203437.zip) | Correction to CAG selection in Automatic mode | | | Huawei, HiSilicon / Vishnu | CR 0545 23.122 Rel-16 |  | |
|  |  | | [C1-203438](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203438.zip) | Indication to user about allowed CAG ID in manual selection | | | Huawei, HiSilicon / Vishnu | CR 0546 23.122 Rel-16 |  | |
|  |  | | [C1-203439](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203439.zip) | Resolving editors note in Limited service condition on a CAG cell. | | | Huawei, HiSilicon / Vishnu | CR 0547 23.122 Rel-16 |  | |
|  |  | | [C1-203440](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203440.zip) | Removal of selected CAG-ID in automatic selection mode. | | | Huawei, HiSilicon / Vishnu | CR 0548 23.122 Rel-16 |  | |
|  |  | | [C1-203443](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203443.zip) | Handling of CAG information list in REGISTRATION ACCEPT messages | | | Huawei, HiSilicon / Vishnu | CR 2313 24.501 Rel-16 |  | |
|  |  | | [C1-203445](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203445.zip) | Provision of CAG information list in SERVICE REJECT message. | | | Huawei, HiSilicon / Vishnu | CR 2314 24.501 Rel-16 |  | |
|  |  | | [C1-203532](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203532.zip) | Sending CAG information list | | | Samsung/Kundan | CR 2128 24.501 Rel-16 | Revision of C1-202362 | |
|  |  | | [C1-203601](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203601.zip) | Manual CAG selection | | | Nokia, Nokia Shanghai Bell, NTT DOCOMO, Ericsson, Huawei, HiSilicon | CR 0499 23.122 Rel-16 | Revision of C1-202862  -------------------------------------------  Was Agreed  Revision of C1-202398 | |
|  |  | | [C1-203603](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203603.zip) | CAG selection after automatic PLMN selection | | | Nokia, Nokia Shanghai Bell | CR 0556 23.122 Rel-16 |  | |
|  |  | | [C1-203604](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203604.zip) | Rejection of non-emergency PDU session establishment with 5GMM cause #76 | | | Nokia, Nokia Shanghai Bell | CR 2361 24.501 Rel-16 |  | |
|  |  | | [C1-203609](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203609.zip) | Handling of CAG only configuration | | | Samsung/Kundan | CR 2363 24.501 Rel-16 |  | |
|  |  | | [C1-203659](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203659.zip) | No CAG ID in de-registration request | | | Huawei, HiSilicon / Cristina | CR 2368 24.501 Rel-16 |  | |
|  |  | | [C1-203691](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203691.zip) | Sending CAG information list | | | Samsun/Kundan | CR 0522 23.122 Rel-16 | Revision of C1-202363 | |
|  |  | | [C1-203715](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203715.zip) | Sending CAG information list -option 2 | | | Samsung/Kundan | CR 2389 24.501 Rel-16 |  | |
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|  |  | |  |  | | |  |  | Time sensitive communication | |
|  |  | | [C1-202192](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202192.zip) | Abbreviation correction | | | Vivo | CR 0002 24.519 Rel-16 | Agreed | |
|  |  | | [C1-202429](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202429.zip) | IEEE Std 802.1Qbv-2016 rolled into IEEE Std 802.1Q-2018 | | | Nokia, Nokia Shanghai Bell | CR 0003 24.519 Rel-16 | Agreed | |
|  |  | | C1-202714 | Correction of the abnormal case in NW-TT-initiated Ethernet port management procedure | | | Vivo | CR 0001 24.519 Rel-16 | Agreed  Revision of C1-202191 | |
|  |  | | C1-202860 | TSN working domain | | | Nokia, Nokia Shanghai Bell | CR 0002 24.535 Rel-16 | Agreed  Revision of C1-202433 | |
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|  |  | | [C1-203340](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203340.zip) | Introduction of Bridge management information | | | Intel, Nokia, Nokia Shanghai Bell / Thomas | CR 0004 24.519 Rel-16 |  | |
|  |  | | [C1-203607](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203607.zip) | Assignment of timer numbers and IEIs | | | Nokia, Nokia Shanghai Bell | CR 0006 24.519 Rel-16 |  | |
|  |  | | [C1-203642](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203642.zip) | Spliting port management information into port- and bridge-specific information | | | Huawei, HiSilicon / Cristina | CR 0007 24.519 Rel-16 |  | |
|  |  | | [C1-203663](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203663.zip) | Correct the ETHERNET PORT MANAGEMENT NOTIFY ACK message name | | | Huawei, HiSilicon / Cristina | CR 0008 24.519 Rel-16 |  | |
|  |  | | [C1-203425](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203425.zip) | Updating definitions for Ethernet port management messages | | | China Mobile | CR 0005 24.519 Rel-16 |  | |
|  |  | | [C1-203426](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203426.zip) | Updating Port management information container IE | | | China Mobile | CR 2303 24.501 Rel-16 |  | |
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|  | 5G\_CioT | |  | Peter – Main | | |  |  | CT aspects of Cellular IoT support and evolution for the 5G System | |
|  |  | | [C1-202079](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202079.zip) | Integrity protection data rate for UEs that don’t support N3 data transfer | | | Samsung | CR 2031 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202082](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202082.zip) | Addition of Control Plane Service Request in the abnormal cases for service request procedure | | | InterDigital Communications | CR 2032 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202085](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202085.zip) | Correcting a wrong reference | | | InterDigital Communications | CR 2035 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202176](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202176.zip) | Correction of SGC | | | Vivo | CR 2062 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202367](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202367.zip) | Correction on terminology for the Control plane CioT 5GS optimization | | | SHARP | CR 2130 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202419](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202419.zip) | Corrections to CR#1907 | | | Qualcomm Incorporated / Amer | CR 2162 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202462](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202462.zip) | Acknowledgement of truncated 5G-S-TMSI configuration | | | Huawei, HiSilicon/Lin | CR 2173 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202463](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202463.zip) | NAS-MAC calculation for RRC connection reestablishment for NB-IoT CP optimisation | | | Huawei, HiSilicon/Lin | CR 2174 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202464](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202464.zip) | Removal of Editor’s Note for CP congestion control | | | Huawei, HiSilicon/Lin | CR 2175 24.501 Rel-16 | Agreed | |
|  |  | | C1-202614 | QoS error checks for UEs in NB-N1 mode | | | BEIJING SAMSUNG TELECOM R&D | CR 2145 24.501 Rel-16 | Agreed  Revision of C1-202388 | |
|  |  | | C1-202626 | Retransmission of a CPSR message after integrity check failure at the AMF | | | BEIJING SAMSUNG TELECOM R&D | CR 2150 24.501 Rel-16 | Agreed  Revision of C1-202404 | |
|  |  | | C1-202662 | UE specific DRX for NB-S1 mode | | | Vodafone GmbH | CR 3353 24.301 Rel-16 | Agreed  Revision of C1-202384 | |
|  |  | | C1-202674 | Correct handling of receiving EMM cause #31 in EPS | | | Qualcomm Incorporated | CR 3349 24.301 Rel-16 | Agreed  Revision of C1-202270 | |
|  |  | | C1-202676 | Correct UE azarosi for receiving 5GMM cause #31 in 5GS | | | Qualcomm Incorporated | CR 2094 24.501 Rel-16 | Agreed  Revision of C1-202271 | |
|  |  | | C1-202735 | Emergency PDU sesseion established after WUS negotiation | | | Vivo | CR 2063 24.501 Rel-16 | Agreed  Revision of C1-202177 | |
|  |  | | C1-202699 | Handling of PDU session and PDN connection associated with Control plane only indication in case of N26 based interworking procedures | | | SHARP | CR 2132 24.501 Rel-16 | Agreed  Revision of C1-202369 | |
|  |  | | C1-202779 | CioT user or small data container in CPSR message not forwarded | | | ZTE | CR 2114 24.501 Rel-16 | Agreed  Revision of C1-202337 | |
|  |  | | C1-202782 | Clarification on the UE behaviour when receiving T3448 | | | ZTE | CR 2112 24.501 Rel-16 | Agreed  Revision of [C1-202335](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202335.zip) | |
|  |  | | C1-202878 | Initial APN rate control parameters | | | Qualcomm Incorporated / Amer | CR 3216 24.008 Rel-16 | Agreed  Revision of C1-202422 | |
|  |  | | C1-202880 | Signalling of EPS APN rate control parameters during PDU session establishment | | | Qualcomm Incorporated / Amer | CR 2164 24.501 Rel-16 | Agreed  Revision of C1-202423 | |
|  |  | | C1-202692 | Correction to handling of T3447 timer | | | MediaTek Inc. | CR 2195 24.501 Rel-16 | Agreed  Revision of C1-202521 | |
|  |  | | C1-202892 | Generic UE configuration update trigger for registration and EC Restriction change | | | Ericsson / Mikael | CR 2077 24.501 Rel-16 | Agreed  Revision of C1-202230 | |
|  |  | | C1-202904 | Indication of change in the use of enhanced coverage | | | Samsung, InterDigital, Huawei, HiSilicon | CR 2030 24.501 Rel-16 | Agreed  Revision of C1-202648 | |
|  |  | | C1-202866 | PDU session release due to CP only revocation | | | OPPO / Rae | CR 2107 24.501 Rel-16 | Agreed  Revision of C1-202707  Revision of C1-202328 | |
|  |  | | C1-202795 | Enhancement on CPSR for CioT CP data transport | | | Huawei, HiSilicon, Vodafone, ZTE, China Mobile, China Telecom, CATT/Lin | CR 1701 24.501 Rel-16 | Agreed  Revision of C1-202459  Revision of C1-200893 | |
|  |  | | [C1-202796](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202465.zip) | Correction on WUS assistance | | | Huawei, HiSilicon/Lin | CR 2176 24.501 Rel-16 | Agreed  Revision of C1-202465 | |
|  |  | | C1-202926 | DRX parameters for NB-IoT | | | InterDigital Communications | CR 2034 24.501 Rel-16 | Agreed  Revision of C1-202865  Revision of C1-202671 | |
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|  |  | | [C1-203089](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203089.zip) | Correct Service Gap Control | | | CATT | CR 2225 24.501 Rel-16 | overlaps with CR in C1-203431 | |
|  |  | | [C1-203090](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203090.zip) | Add Enhanced Coverage Restriction information | | | CATT | CR 2226 24.501 Rel-16 |  | |
|  |  | | [C1-203282](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203282.zip) | maintenance of T3517 | | | vivo | CR 2260 24.501 Rel-16 |  | |
|  |  | | [C1-203289](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203289.zip) | Condition under which the UE shall enter 5GMM-IDLE mode when user plane CIoT 5GS optimization is used | | | InterDigital Communications | CR 2265 24.501 Rel-16 |  | |
|  |  | | [C1-203299](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203299.zip) | Avoid repeated redirection for CIOT | | | OPPO / Rae | CR 2106 24.501 Rel-16 | Revision of C1-202734 | |
|  |  | | [C1-203322](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203322.zip) | Correction on reference to CN selection | | | OPPO / Rae | CR 2280 24.501 Rel-16 |  | |
|  |  | | [C1-203323](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203323.zip) | Correct Service Gap Control | | | CATT | CR 3373 24.301 Rel-16 | Revision of C1-203088 | |
|  |  | | [C1-203337](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203337.zip) | Connection Resumption for Notification | | | ZTE, vivo | CR 2113 24.501 Rel-16 | Revision of C1-202775  --------------------------------------------  Was agreed  Revision of C1-202336 | |
|  |  | | [C1-203403](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203403.zip) | Correction to +CNMPSD for NR | | | BlackBerry UK Ltd. | CR 0693 27.007 Rel-16 |  | |
|  |  | | [C1-203418](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203418.zip) | Adding a new abnormal case on the network side for CPSR | | | China Mobile, InterDigital | CR 2056 24.501 Rel-16 | Revision of C1-202749  ------------------------------------  Was agreed  **Needs revision** Rev counter should be 2  Revision of C1-202169 | |
|  |  | | [C1-203427](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203427.zip) | De-registration request and CPSR collision case in the NW | | | Ericsson /kaj | CR 2304 24.501 Rel-16 |  | |
|  |  | | [C1-203428](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203428.zip) | Additional stop condition for timer T3580 | | | Ericsson /kaj | CR 2305 24.501 Rel-16 |  | |
|  |  | | [C1-203429](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203429.zip) | Abonormal cases on UE side and the CPSR message | | | Ericsson /kaj | CR 2306 24.501 Rel-16 | partially overlaps with in C1-203282 (T3517 aspect) | |
|  |  | | [C1-203430](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203430.zip) | Service gap control: Alignment of NW and UE behaviour for timer T3447 | | | Ericsson /kaj | CR 2307 24.501 Rel-16 |  | |
|  |  | | [C1-203431](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203431.zip) | Service gap control: Exceptions to start of timer T3447 | | | Ericsson /kaj | CR 2308 24.501 Rel-16 | overlaps with CR in C1-203089 | |
|  |  | | [C1-203462](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203462.zip) | Corrections for Enhanced Coverage in 5GS for CIoT | | | Intel, Huawei, HiSilicon / Vivek | CR 2316 24.501 Rel-16 |  | |
|  |  | | [C1-203476](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203476.zip) | Remove redundant check for UE's support of CP CIoT optimization | | | Samsung/Anikethan | CR 2319 24.501 Rel-16 |  | |
|  |  | | [C1-203483](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203483.zip) | Truncated 5G-S-TMSI for eMTC UE | | | Qualcomm Incorporated / Amer | CR 2322 24.501 Rel-16 |  | |
|  |  | | [C1-203484](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203484.zip) | Disucssion on Ethernet Header Compression | | | Qualcomm Incorporated / Amer | discussion Rel-16 |  | |
|  |  | | [C1-203485](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203485.zip) | Ethernet header compression for CP CIoT – 5GMM aspects | | | Qualcomm Incorporated, Ericsson / Amer | CR 2165 24.501 Rel-16 | Revision of C1-202882  ---------------------------------------------  Was Agreed  **Needs revision**, missing spec number on cover sheet  Revision of C1-202425 | |
|  |  | | [C1-203486](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203486.zip) | Ethernet header compression for CP CIoT – 5GSM aspects | | | Qualcomm Incorporated / Amer | CR 2323 24.501 Rel-16 |  | |
|  |  | | [C1-203493](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203493.zip) | Updates to non-allowed area restrictions | | | Ericsson, Samsung / Mikael | CR 2327 24.501 Rel-16 |  | |
|  |  | | [C1-203494](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203494.zip) | Addition of MO parameter for allowing exception data in non-allowed area | | | Ericsson, Samsung | CR 0049 24.368 Rel-16 |  | |
|  |  | | [C1-203511](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203511.zip) | Adding DRX parameters for NB-IoT in the Registration procedure | | | SHARP | CR 2334 24.501 Rel-16 |  | |
|  |  | | [C1-203515](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203515.zip) | Multiple DRB support for UEs in NB-N1 mode | | | Samsung, Huawei, HiSilicon, InterDigital | CR 2336 24.501 Rel-16 |  | |
|  |  | | [C1-203516](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203516.zip) | Establishment of UP resources for NB-IoT based on number of supported DRBs | | | BEIJING SAMSUNG TELECOM R&D | CR 2337 24.501 Rel-16 |  | |
|  |  | | [C1-203526](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203526.zip) | IP header compression after inter-system change from S1 mode to N1 mode | | | BEIJING SAMSUNG TELECOM R&D | CR 2342 24.501 Rel-16 |  | |
|  |  | | [C1-203088](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203088.zip) | Correct Service Gap Control | | | CATT | CR 3373 24.301 Rel-16 |  | |
|  |  | | [C1-203529](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203529.zip) | IP header compression after inter-system change from N1 mode to S1 mode | | | BEIJING SAMSUNG TELECOM R&D | CR 3403 24.301 Rel-16 |  | |
|  |  | | [C1-203536](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203536.zip) | Add missing case check for CPSR in 5GMM-CONNECTED mode | | | Samsung/Anikethan | CR 2346 24.501 Rel-16 |  | |
|  |  | | [C1-203661](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203661.zip) | No dedicated EPS bearer for interworking from WB-N1 to NB-S1 mode | | | BEIJING SAMSUNG TELECOM R&D | CR 2369 24.501 Rel-16 |  | |
|  |  | | [C1-203662](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203662.zip) | Sending the EPS bearer context status IE in TAU after mobility from N1 mode with local bearer deactivation | | | BEIJING SAMSUNG TELECOM R&D | CR 3405 24.301 Rel-16 |  | |
|  |  | | [C1-203666](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203666.zip) | Redirection of UE from N1 mode to S1 mode | | | BEIJING SAMSUNG TELECOM R&D | CR 2372 24.501 Rel-16 |  | |
|  |  | | [C1-203668](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203668.zip) | Redirection of UE from S1 mode to N1 mode | | | BEIJING SAMSUNG TELECOM R&D | CR 3406 24.301 Rel-16 |  | |
|  |  | | [C1-203672](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203672.zip) | PDU session transfer between 3GPP and non-3GPP when CP CIoT 5GS optimization is being used | | | BEIJING SAMSUNG TELECOM R&D | CR 2376 24.501 Rel-16 |  | |
|  |  | | [C1-203673](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203673.zip) | PDU session transfer between 3GPP and non-3GPP when UP CIoT 5GS optimization is being used | | | BEIJING SAMSUNG TELECOM R&D | CR 2377 24.501 Rel-16 |  | |
|  |  | | [C1-203692](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203692.zip) | Correction on CIoT small data container IE | | | Huawei, HiSilicon/Lin | CR 2379 24.501 Rel-16 |  | |
|  |  | | [C1-203693](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203693.zip) | Maximum length of Unstructured data via the control plane | | | Huawei, HiSilicon/Lin | CR 2380 24.501 Rel-16 |  | |
|  |  | | [C1-203694](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203694.zip) | Missing LCS/LPP container content in Payload container IE | | | Huawei, HiSilicon/Lin | CR 2381 24.501 Rel-16 |  | |
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|  | 5WWC | |  | Peter – Main | | |  |  | CT aspects on wireless and wireline convergence for the 5G system architecture | |
|  |  | | [C1-202168](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202168.zip) | ANDSP is not supported by 5G-RG and W-AGF | | | ZTE / Joy | CR 2055 24.501 Rel-16 | Agreed | |
|  |  | | C1-202694 | Secondary authentication and W-AGF acting on behalf of N5GC | | | Ericsson / Ivo | CR 2028 24.501 Rel-16 | Agreed  Revision of C1-202018 | |
|  |  | | C1-202653 | Error type on failure of reserving QoS resources over non-3GPP access | | | ZTE / Joy | CR 0126 24.502 Rel-16 | Agreed  Revision of C1-202293 | |
|  |  | | C1-202612 | Inclusion of requested NSSAI in AN parameters | | | Motorola Mobility, Lenovo | CR 0122 24.502 Rel-16 | Agreed  Revision of C1-202284 | |
|  |  | | C1-202636 | Removal of editor’s notes | | | Motorola Mobility, Lenovo | CR 0123 24.502 Rel-16 | Agreed  Revision of C1-202290 | |
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|  |  | | C1-203064 | void | | | void | CR 2217 24.501 Rel-16 | Withdrawn | |
|  |  | | [C1-203065](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203065.zip) | Primary authentication of an N5GC device | | | Ericsson / Ivo | CR 2218 24.501 Rel-16 |  | |
|  |  | | [C1-203066](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203066.zip) | Stop of enforcement of wireline access service area restrictions and forbidden wireline access area | | | Ericsson / Ivo | CR 2219 24.501 Rel-16 |  | |
|  |  | | [C1-203068](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203068.zip) | IPv6 configuration for W-AGF acting on behalf of FN-RG | | | Ericsson / Ivo | CR 2220 24.501 Rel-16 |  | |
|  |  | | [C1-203222](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203222.zip) | Removal of requirement to transfer emergency PDU session first when transferring PDU sessions from non-3GPP access connected to the 5GC, to EPS | | | Qualcomm Incorporated / Lena | CR 2240 24.501 Rel-16 |  | |
|  |  | | [C1-203446](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203446.zip) | Work plan for the CT1 part of 5WWC | | | Huawei, HiSilicon /Christian | discussion Rel-16 |  | |
|  |  | | [C1-203449](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203449.zip) | Access network parameters | | | Motorola Mobility, Lenovo | CR 0134 24.502 Rel-16 |  | |
|  |  | | [C1-203451](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203451.zip) | Correction of TNGF procedure | | | Motorola Mobility, Lenovo | CR 0135 24.502 Rel-16 |  | |
|  |  | | [C1-203454](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203454.zip) | Correcting reference | | | Motorola Mobility, Lenovo | CR 0136 24.502 Rel-16 |  | |
|  |  | | [C1-203455](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203455.zip) | Correcting reference | | | Motorola Mobility, Lenovo | CR 0137 24.502 Rel-15 |  | |
|  |  | | [C1-203460](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203460.zip) | N5CW device registration and IP assignment | | | Motorola Mobility, Lenovo | CR 0140 24.502 Rel-16 |  | |
|  |  | | [C1-203468](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203468.zip) | Resolution of editor's note under clause 7.3A.4.2 | | | Huawei, HiSilicon /Christian | CR 0142 24.502 Rel-16 |  | |
|  |  | | [C1-203479](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203479.zip) | Removal of TMBR | | | Huawei, HiSilicon /Christian | CR 2321 24.501 Rel-16 |  | |
|  |  | | [C1-203730](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203730.zip) | N5GC NAS aspects | | | Nokia, Nokia Shanghai Bell, Charter Communications, CableLabs | CR 2390 24.501 Rel-16 |  | |
|  |  | | [C1-203731](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203731.zip) | N5GC service area restrictions | | | Nokia, Nokia Shanghai Bell, CableLabs | CR 2391 24.501 Rel-16 |  | |
|  |  | | [C1-203732](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203732.zip) | SUPI/SUCI of N5GC devices | | | Nokia, Nokia Shanghai Bell, Charter Communications, CableLabs | CR 0143 24.502 Rel-16 |  | |
|  |  | | [C1-203733](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203733.zip) | Adding Multicast support for 5G-RG and 5GLAN | | | Nokia, Nokia Shanghai Bell, Charter Communications, CableLabs | CR 2392 24.501 Rel-16 |  | |
|  |  | | [C1-203734](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203734.zip) | RG SUCI generation | | | Nokia, Nokia Shanghai Bell | CR 2393 24.501 Rel-16 |  | |
|  |  | | [C1-203735](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203735.zip) | URSP fix for RGs | | | Nokia, Nokia Shanghai Bell | CR 0082 24.526 Rel-16 |  | |
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|  | PARLOS | |  | Lena – Breakout | | |  |  | CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated UEs  100% | |
|  |  | | C1-202601 | Miscellaneous editorial corrections | | | Samsung Electronics Polska | CR 3340 24.301 Rel-16 | **Agreed**  Revision of C1-202126 | |
|  |  | | C1-202879 | Clarify UE behaviour for reject cause #9 and #10 received when attached for RLOS | | | Samsung/Anikethan | CR 3342 24.301 Rel-16 | **Agreed**  Revision of C1-202147 | |
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|  |  | | [C1-203376](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203376.zip) | Correction to paging timer stop in case of RLOS | | | MediaTek Inc. / Marko | CR 3388 24.301 Rel-16 | Ivo, Tuesday, 9:33  23.401 states ">>Restricted Local Operator Services does not support<< UE requested PDN connectivity, inter-RAT mobility and >>Network triggered Service Request<<". Given that the Network triggered Service Request is not supported in RLOS, the paging procedure is not used in RLOS. Given that the paging procedure is not used in RLOS, the timer for the paging procedure will never be running. Thus, the text being modified is not used in RLOS and does not need to be changed. | |
|  |  | | [C1-203394](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203394.zip) | Clarification in Initiation of Location Registration for periodic timer expiry in 5U2 NOT UPDATED | | | MediaTek Inc. / Marko | CR 0543 23.122 Rel-16 | Ivo, Tuesday, 9:33  The first change does not seem to be related to RLOS. Thus, the CR should also contain 5GProtoc16 WI on cover page. | |
|  |  | | [C1-204136](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203373.zip) | Correction to implementation of CR #3338 | | | MediaTek Inc. / Marko | CR 3386 24.301 Rel-16 | Revision of C1-203373  --------------------------------------------  Lena, Wednesday, 3:38  We are fine with the CR except that “may” in front of “respond to paging (with IMSI)” should not be deleted.  Marko, Monday, 9:15  @Lena: fixed as suggested in a draft revision.  Lena, Tuesday, 1:28  I am Ok with the draft revision. | |
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|  | 5G\_eLCS (CT4) | |  | Peter – Main | | |  |  | CT aspects of Enhancement to the 5GC LoCation Services | |
|  |  | | [C1-202548](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202548.zip) | Adding Location Privacy Setting operation | | | CATT | CR 0001 24.571 Rel-16 | Agreed | |
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|  |  | | [C1-203125](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203125.zip) | Resolve EN for Ciphering Key data IE regarding positioning SIBs | | | Qualcomm Incorporated / Sunghoon | CR 2229 24.501 Rel-16 |  | |
|  |  | | [C1-203364](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203364.zip) | Sending location services data in a SERVICE ACCEPT for MO Control Plane CIoT 5GS optimization | | | Qualcomm Incorporated | CR 2288 24.501 Rel-16 |  | |
|  |  | | [C1-203365](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203365.zip) | UE initiated Event Reporting Procedure for Low Power Event Reporting | | | Qualcomm Incorporated | CR 0002 24.571 Rel-16 |  | |
|  |  | | [C1-203635](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203635.zip) | New AT command supporting for 5G Location Services | | | CATT | CR 0694 27.007 Rel-16 |  | |
|  |  | | [C1-203636](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203636.zip) | Removing the ENs for the enhancement to 5G Location Serivces | | | CATT | CR 0695 27.007 Rel-16 |  | |
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|  | V2XAPP | |  | Lena – Breakout | | |  |  | CT aspects of V2XAPP  Is TS 24.486 sufficiently stable to be sent to CT#88 for approval | |
|  |  | | [C1-203342](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203342.zip) | Work plan for the CT1 part of V2XAPP | | | Huawei, HiSilicon /Christian | discussion Rel-16 | Noted | |
|  |  | | [C1-203343](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203343.zip) | Latest reference version of draft TS 24.486 | | | Huawei, HiSilicon /Christian | draft TS 24.486 Rel-16 | Noted | |
|  |  | | [C1-203448](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203448.zip) | Miscellaneous corrections | | | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203452](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203452.zip) | Resolution of the editor's note under clause 6.2.3 | | | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203568](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203568.zip) | File distribution procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203570](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203570.zip) | Structure and data semantics for on-network dynamic group creation procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203573](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203573.zip) | Notifications for network monitoring information procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203574](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203574.zip) | Structure and data semantics for notifications for network monitoring information procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203575](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203575.zip) | Update the root element of the VAE xml body | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203623](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203623.zip) | Clarification on initial VAE server address | | | Samsung / Sapan | pCR 24.486 Rel-16 |  | |
|  |  | | [C1-203950](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203345.zip) | Introduction of commands for VAE layer configuration clause | | | Huawei, HiSilicon /Christian | CR 0690 27.007 Rel-16 | Revision of C1-203345  ---------------------------------------------  Atle, Wednesday, 10:09  I support a dedicated clause for this. Would be useful with more descriptive text on how the AT-commands / VAE framework shall be used.  Use “can” and not “may”.  Christian, Monday, 23:23  I agree that I can add some further description of the proposed AT commands under the general clause as you suggest in your comments to C1-203347 and C1-203349 and also remove the infamous “may” J.  I believe that we can progress with a revision of C1-203345 as we agree to have a general clause for VAE layer in the specification.  A draft revision of C1-203345 is available. The details of +CVAEACT and +CVAEREG are to be defined in future meetings. | |
|  |  | | [C1-203951](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203347.zip) | Introduction of +CVAECFG; AT command for VAE layer configuration | | | Huawei, HiSilicon /Christian | CR 0691 27.007 Rel-16 | Postponed  Revision of C1-203347  Postponed upon request of the author.  -------------------------------------------------  Atle, Wednesday, 10:09  This is written as a parameter command. This would in my view mean that you define a setting that is used as/when applicable. With an action command, you force an action as the command s provided. What is the purpose? The sentence “When VAE layer support is enabled the MT performs the V2X service discovery procedure according to 3GPP TS 24.486 [r24486] subclause 6.6.” somehow hint towards an action. This could probably also be descried in the general section (C1-203345).  When VAE layer support is enabled the MT performs the V2X service discovery procedure according to 3GPP TS 24.486 [r24486] subclause 6.6.  Also gives me an impression of an action command. What puzzle me with an action command, is if functionality that only is applicable to EPS will be turned off when out of EPS. What if moving back to EPS? Does this change of RAT need to be propagated back up to the application?  You should not read parameter content in a test command.  I would have assumed the test command to provide supported range for input parameter: +CVAECFG: (list of supported <setup\_cfg>s)  I’m not fully aware of what you intend, but there are various kinds of result codes (intermediate, final and unsolicited) that may be useful for responses that are directly or indirectly linked to a command.  can the UE\_id parameter uniquely be encoded by the reference given?  It is written: The <service\_discovery\_data> is encoded as the value part of the service-discovery-data element in 3GPP TS 24.486 [r24486], subclause 8.5, and each V2X service identifier is encoded as the value part of theV2X-service-id element as specified in subclause 8.5, and each V2X application server address is encoded as the value part of the V2X-app-server-address element as specified in subclause 8.5.  Do we need a defined delimiter between these parameters?  The sentence:  This command is only applicable to UEs supporting EPS in this release of the specification.  Does it mean that it is only applicable in EPS?  Please remove “in this release of the specification”  Christian, Monday, 23:23  I agree that I can add some further description of the proposed AT commands under the general clause as you suggest in your comments to C1-203347 and C1-203349 and also remove the infamous “may” J.  As for your comments to C1-203347. I believe that there should be an activation command (+CVAEACT) instead of configuration (+CVAECFG as initially proposed) as the purpose is to activate or deactivate the VAE layer by performing a function (defined in TS 24.486). The VAE layer is currently applicable only to (be used on) through EPS. Hence, to answer your question, if access through EPS is turned out or not available, then VAE cannot be used. Change of RAT should propagated to the application so it seems that we need to also support unsolicited result code. Anyhow, I need to think about how to structure and define the new AT command. | |
|  |  | | [C1-203952](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203348.zip) | Introduction of +CVAEREG; AT command for VAE layer registration | | | Huawei, HiSilicon /Christian | CR 0692 27.007 Rel-16 | Postponed  Revision of C1-203348  Postponed upon request of the CR author.  ------------------------------------------------  Atle, Wednesday, 10:10  This could probably also be a bit described in the general section in C1-203345.  can the UE\_id and service\_id parameters uniquely be encoded by the references given?  I understand one or more service\_IDs, but how to interpret no input parameters? +CVAEREG[=<V2X\_UE\_id>,<V2X\_service\_id>[,<V2X\_service\_id>[,...]]]  It looks like a copy/past error in “<V2X\_service\_id>: string type; indicates the V2X service identifiers to be registered. The <V2X\_UE\_id> is encoded as the value part of theV2X-service-id element”  with multiple service\_ID in the action command, can you get “multiple results” or will this fail if only one of the V2X\_service\_ids fail?  The sentence:  This command is only applicable to UEs supporting EPS in this release of the specification.  Does it mean that it is only applicable in EPS?  Please remove “in this release of the specification”  Christian, Monday, 23:23  I agree that I can add some further description of the proposed AT commands under the general clause as you suggest in your comments to C1-203347 and C1-203349 and also remove the infamous “may” J.  As for your comments to C1-203348. Yes, you are right that having multiple service\_ID in the action command, there is the possibility of multiple results. This needs to be captured. As per the previous command, I need to work further on the proposal on how to define this new AT command on registration. | |
|  |  | | [C1-203953](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203349.zip) | Network monitoring procedure; V2X UE subscription for network monitoring information | | | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 | Revision of C1-203349  -----------------------------------------------  Sapan, Tuesday, 20:20   1. In clause 6.11.1.1 – step a) - shall set the Request-URI to the URI included in the received HTTP response message for V2X UE registration procedure (see clause 6.2);  * There is no URI included in HTTP response message for V2X UE registration procedure. Which URI we are referring here?  1. In clause 6.11.1.2 – step b) is bit confusing.   “shall include a <identity> element of the <subscription-response> element with a <V2X-UE-id> child element set to the identity of the UE which requests to subscribe for the network monitoring information from the VAE-S; and”  Can you reword above statement as follows –  “shall include a <V2X-UE-id> child element within the <identity> element of the <subscription-response> element, and set it to the identity of the UE which requests to subscribe for the network monitoring information from the VAE-S;”  Christian, Monday, 16:35  A draft revision accommodating Sapan’s comments is available.  Sapan, Tuesday, 6:35  I am Ok with the draft revision. | |
|  |  | | [C1-203954](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203350.zip) | Structure and data semantics for V2X UE subscription for network monitoring information | | | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 | Revision of C1-203350  ---------------------------------------  Sapan, Tuesday, 20:25  In clause 8.3, Can you please use “or” instead of “and” within each child element of <triggering-criteria> element as follows?  1)  a <cell-change> element shall include one of the following sub-elements:  i)   an <any-cell-change> element shall include a <trigger-id> element;  ii)  an <enter-specific-cell> element shall include a <trigger-id> element; ~~and~~ or  iii) an <exit-specific-cell> element include a <trigger-id> element;  Similar changes will be applied within step c) 2), step c) 3), step c) 4), step c) 5), step c) 8) and step c) 9).  Christian, Monday, 16:34  A draft revision accommodating Sapan’s comments is available.  Sapan, Tuesday, 6:49  I am Ok with the draft revision. | |
|  |  | | [C1-204072](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204072.zip) | On-network dynamic group creation procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 | Revision of C1-203569  -----------------------------------------------  Sapan, Tuesday, 20:52  In clause 6.10.1.2, server sends “Push Layer-2 group ID mapping” to VAE-C. It is unclear that how server selects VAE-C to send “Push Layer-2 group ID mapping” notification? (In clause 6.10.1.1 - The V2X AS has not provided any membership information in “Configure dynamic group request”)  Chen, Wednesday, 11:00  @Sapan: I checked TS 23.286, and there is a <group-definition> in the configure dynamic group request message. Therefore, a new <group-definition> element is added in the <configure-dynamic-group-request> element by the V2X application specific server.  In my understanding, the VAE-C which meets the conditions of <group-definition> would be sent the “Push Layer-2 group ID mapping” notification.  A corresponding draft revision is available.  Sapan, Friday, 16:17  @Chen: Based on the changes you made – question still remains – there can be multiple VAE-Cs which can meet conditions described in  <group-definition> but “Push Layer-2 group ID mapping” notification is still sent to single VAE-C – so out of multiple matched VAE-Cs which single VAE-C will be selected to send notification?  To understand stage#2 procedure more, I discussed with my SA6 colleagues and I came to know that VAE-S always sends “Push Layer-2 group ID mapping” notification to VAE-C of group-leader (whose information is sent by V2X AS). Based on this, I propose to update the text further.  Chen, Monday, 5:01  @Sapan: Actually, I’m not sure whether every VAE-C that matched the group creation conditions or only the group leader should be sent the message. Since your SA6 colleague gave the answer, the changes you proposed is made in an updated draft revision.  Sapan, Monday, 6:30  I am Ok with the updated draft revision. | |
|  |  | | [C1-204073](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203571.zip) | On-network dynamic group notification procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 | Revision of C1-203571  ------------------------------------------  Mikael, Tuesday, 14:38   * List item separator ”and” is missing in the two a-d lists. (I think this is a more general issue in the TS, so maybe the rapporteur can look it over for next version). * Some duplicated spaces; * “more  “   Further the procedure can be used to add or delete a UE ids from the lists. It is not clear to me how to distinguish if a provided UE id is to be added or deleted. Is it:   1. Implicit – an id not already in the list is added and an id already in the list is deleted (probably not good and error prone) 2. Part of the <UE-id> element – then needs to be added to the missing definition 3. Separate “operation” element – needs to be added/defined.   Sapan, Tuesday, 20:59  In clause 6.10.2.1, step C) 2) – “one or more  <UE-id> element(s), each of which set to the identity of the joined or left UE;”   * How do we know UE is joined or left?   In clause 6.10.2.2 – step a) - shall include a Request-URI set to the URI corresponding to the identity of the V2X application specific server;   * Server is processing the received HTTP POST request. Where above request-uri will be added? Same for step b) and step c). * Can you please clarify.   Chen, Wednesday, 5:30  A draft revision is available with the following changes:   * The editorial corrections are all fixed; * The definition of <UE-id> is further specified in C1-203572 draft revision. * To distinguish if a provided UE id is to be added or deleted, a <group-scope> attribute that has the value “joined” or “left” is added. * In clause 6.10.2.2, the VAE-S shall generate an HTTP POST request message to include a Requested-URI and other contents, which has been fixed in the draft revision.   Sapan, Thursday, 16:14  I am ok with the draft revision. Please correct the following editorial issue before submission: There is an extra space (just before '+') in all occurrences of "application/vnd.3gpp.vae-info +xml"  Chen, Friday, 5:01  The editorial issues will definitely be resolved before submitting.  Mikael, Friday, 15:05  Thinks that the definition of <UE-id> might be a bit unclear. It both contains a “direct value” and a sub-element. Proposes an alternative which would require further alignments.  Mikael, Monday 9:49  The updated draft revision of C1-203572 looks good, the revision of C1-203571 needs to be aligned. I put an updated draft in the drafts folder. Changes on changes will need to be removed before submission. Please add Ericsson as co-signer.  Chen, Monday, 10:08  @Mikael: draft revision is OK with me but with a minor change: delete the word “with” before “a <group-scope>”. I have made this change in an updated draft revision. I will add Ericsson as co-signer before submitting the revision. | |
|  |  | | [C1-204074](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203572.zip) | Structure and data semantics for on-network dynamic group notification procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 | Revision of C1-203572  -----------------------------------------------  Mikael, Tuesday, 14:38   * Some duplicated spaces; * “more  “ * Missing space; * “>,<”   Then a definition of <UE-id> seems to be missing. I assume it needs to be added in C1-203572.  Further the procedure can be used to add or delete a UE ids from the lists. It is not clear to me how to distinguish if a provided UE id is to be added or deleted. Is it:   1. Implicit – an id not already in the list is added and an id already in the list is deleted (probably not good and error prone) 2. Part of the <UE-id> element – then needs to be added to the missing definition 3. Separate “operation” element – needs to be added/defined.   Chen, Wednesday, 5:30  A draft revision is available with the following changes:   * The editorial corrections are all fixed; * The definition of <UE-id> is further specified in C1-203572 draft revision. * To distinguish if a provided UE id is to be added or deleted, a <group-scope> attribute that has the value “joined” or “left” is added. * In clause 6.10.2.2, the VAE-S shall generate an HTTP POST request message to include a Requested-URI and other contents, which has been fixed in the draft revision.   Sapan, Thursday, 16:14  I am ok with the draft revision. Please correct the following editorial issue before submission: Remove changes over changes while defining <UE-id> at end of the document.  Chen, Friday, 5:01  The editorial issues will definitely be resolved before submitting.  Mikael, Friday, 15:05  Thinks that the definition of <UE-id> might be a bit unclear. It both contains a “direct value” and a sub-element. Proposes an alternative which would require further alignments.  Chen, Monday, 5:01  @Mikael: What you proposed is accepted to make the CR more clear. A draft revision is available.  Mikael, Monday 9:49  The updated draft revision. Changes on changes will need to be removed before submission. Please add Ericsson as co-signer.  Chen, Monday, 10:08  @Mikael: I will add Ericsson as co-signer before submitting the revision. | |
|  |  | | [C1-204075](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204075.zip) | XML scheme for V2X UE registration procedure | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 | Revision of C1-203576  ----------------------------------------  Sapan, Tuesday, 21:13   1. The elements defined in proposed XML – “registration-request” and “registration-response” are not matching with the structure defined in clause 8.3. As per clause 8.3 only single element is defined for registration which is <registration-info>. 2. The clause 8.3 has defined many elements, but the XML schema has not defined all elements except registration procedure related elements. Any reason for this? Kindly provide XML schema for all elements so that we can remove EN.   Chen, Wednesday, 11:11  @Sapan:   1. Fixed in draft revision 2. There are some procedures with new elements to be specified this meeting and I have a contribution (C1-203575) to unify the root element in some procedures, i.e., many elements are TBC. Therefore it is hard to specify all elements this meeting. From my side, as the clause Structure and the Data semantics do, the EN could be safely removed and the remaining elements will be added next meeting. But I can accept the EN kept this meeting   Sapan, Friday, 16:46  I am fine with the changes for first comment. I will prefer to keep EN so that we can bring contribution in future meetings to solve it.  Chen, Monday, 5:01  @Sapan: the EN will be kept in the final revision. | |
|  |  | | [C1-204076](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203577.zip) | IANA registration template for VAE | | | Huawei, HiSilicon / Chen | pCR 24.486 Rel-16 | Revision of C1-203577  -------------------------------------------  Frederic, Tuesday, 19:05  For these pCRs related to IANA, it would be good to have an editor’s note to indicate e.g. that the registration should be made after approval of the spec. This is common practice in CT1. We delete the editor’s note when the registration is complete.  Sapan, Tuesday, 21:15  The media format is also applicable for exchanging information over HTTP. I suggest to modify “Security considerations:” as follows:  “In addition, this media type provides a format for exchanging information in SIP or in HTTP, so the security considerations from IETF RFC 3261 apply while exchanging information in SIP and the security considerations from IETF RFC 2616 apply while exchanging information in HTTP.”  Chen, Wednesday, 11:00  The suggestion is taken on board and an editor’s note is added as Frederic said “the registration should be made after approval of the spec”.  A corresponding draft revision is available.  Sapan, Friday, 11:04  I am Ok with the draft revision. | |
|  |  | | [C1-204102](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203450.zip) | Correction to the application level location tracking procedure | | | Huawei, HiSilicon /Christian | pCR 24.486 Rel-16 | Revision of C1-203450  ----------------------------------------------  Sapan, Tuesday, 20:32  It is bit confusing that immediately after successful subscription to a geographical area, client is performing unsubscribe – although subscribe and unsubscribe is for different geographical areas. To add more clarity in the procedure, I propose to add following text in clause 6.4.1.  For subscribe operation:  2)            shall include a <geographical-identifier> element with a <geo-id> child element set to the identity of the geographical area to be subscribed i.e. new Geographical area where V2X UE entered; and  For unsubscribe operation:  2)            shall include a <geographical-identifier> element with a <geo-id> child element set to the identity of the geographical area to be unsubscribed i.e. old Geographical area which V2X UE existed; and  Christian, Tuesday, 8:36  I agree that adding a clarification under bullet item 2 of both operations will provide clarity. A draft revision is available.  Sapan, Tuesday, 9:36  I am Ok with the draft revision. | |
|  |  | | [C1-204105](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203621.zip) | VAE specific extension of UE configuration | | | Samsung / Sapan | pCR 24.486 Rel-16 | Revision of C1-203621  --------------------------------------------  Chen, Tuesday, 10:00   * There is a 3GPP TS 23.486 in the Reason for change in the cover sheet, but I have not found this spec in 3GPP portal. Is it TS 23.286? * The VAE capabilities (VAE client and VAE server) utilize configuration management service procedures of SEAL to support V2X services for unicast and multicast delivery over LTE-Uu. thererfore, there's no need to define a new "application/vnd.3gpp.vae-ue-config-info+xml", just reuse the SEAL configuration management XML.   Sapan, Thursday, 19:26   * About first point from Chen: Yes, its typo mistake. I was referring to TS 23.286 only. I have modified in revised draft * About second point from Chen: I would like to understand the comment bit more. Does it mean that - there's no need to define a new "application/vnd.3gpp.vae-ue-config-info+xml" MIME type, just reuse the SEAL configuration management XML. If this understanding is correct, I agree to the proposal. I have removed new MIME type in the revised document. And I have also removed associated IANA registration template for new MIME type. I have added a text to use MIME type from SCM specification TS 24.546   A draft revision is available.  Chen, Friday, 5:01  @Sapan: You got me on reusing the SCM XML.  More comments:   * In the Data Semantics, the <announcement> of <on-network> element and GEO ID information should be specified. * In the Reason for Change, there is a confusion on the content quoted from Annex A.2 of 3GPP TS 23.286. I suggest the table highlighted too and delete the double quote, or you could use other method instead.   Sapan, Friday, 18:30  I made changes according to Chen’s comments. A draft revision is available.  Chen, Friday, 5:01  I’m fine with the revision except that I still see the highlight in white in the Reason of Change. Also make sure to remove changes on changes before submitting.  Sapan, Monday, 8:14  I tried to fix the formatting in the reason for change and I will remove change son changes before submitting. An updated draft revision is available.  Chen, Monday, 8:26  The formatting issues in the reason for change remain. I have uploaded a new draft revision to fix this problem.  Sapan, Monday, 8:46  Draft revision uploaded by Chen seems to fix the formatting issues so I will use that version. | |
|  |  | | [C1-204106](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-204106.zip) | Update to service-discovery-data element | | | Samsung / Sapan | pCR 24.486 Rel-16 | Revision of C1-203622  ----------------------------------------------  Chen, Tuesday, 10:00  A list of V2X service IDs and the mapping to V2X AS adress, not just one V2X service ID.  Sapan, Thursday, 18:41  I agree that multiple V2X service IDs can map to V2X AS address. I realize that the XML elements were not proper (<V2X-service-map> element was missed) and thus I have made proper changes in the structure. A draft revision is available.  Chen, Friday 5:01  Because there are a lot of V2X service ids, which may be all mapped with one V2X AS address, I suggest in the < V2X-service-map> element,  1)      one or more <V2X-service-id> element(s); and  2)      a <V2X-AS-address> element  More editorials in Reason for Change:   * Different fonts are used, Arial/Times New Roman * In the last sentence, a redundant space and It -> it   Sapan, Friday, 18:04  I have made changes as per Chen’s comments. A draft revision is available.  Chen, Monday, 5:01  I am Ok with the draft revision. Make sure to remove changes on changes before submission. | |
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|  |  | | [C1-202022](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202022.zip) | Incorrect reference | | | Ericsson / Ivo | CR 0001 24.587 Rel-16 | **Agreed** | |
|  |  | | [C1-202438](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202438.zip) | Resolution of editor's note under 5.2.3 | | | Huawei, HiSilicon /Christian | CR 0031 24.587 Rel-16 | **Agreed** | |
|  |  | | [C1-202439](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202439.zip) | Resolution of editor's note under 6.1.2.5.2 | | | Huawei, HiSilicon /Christian | CR 0032 24.587 Rel-16 | **Agreed** | |
|  |  | | [C1-202453](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202453.zip) | Miscellaneous corrections | | | Huawei, HiSilicon /Christian | CR 0033 24.587 Rel-16 | **Agreed** | |
|  |  | | C1-202639 | Add the missing figure for UE-requested V2X policy provisioning procedure | | | OPPO / Rae | CR 0007 24.587 Rel-16 | **Agreed**  Revision of C1-202115 | |
|  |  | | C1-202704 | Non-standadized QoS characteristics over PC5-S | | | OPPO / Rae | CR 0009 24.587 Rel-16 | **Agreed**  Revision of C1-202117 | |
|  |  | | C1-202731 | Correction for the IP address configuration IE in the DIRECT LINK ESTABLISHMENT ACCEPT message | | | Huawei, HiSilicon / Chen | CR 0026 24.587 Rel-16 | **Agreed**  Revision of C1-202317  . | |
|  |  | | C1-202732 | Correction for the link local IPv6 address IE in the DIRECT LINK ESTABLISHMENT ACCEPT message | | | Huawei, HiSilicon / Chen | CR 0027 24.587 Rel-16 | **Agreed**  Revision of C1-202318 | |
|  |  | | C1-202739 | Handling of link modification accept | | | vivo | CR 0014 24.587 Rel-16 | **Agreed**  Revision of C1-202182 | |
|  |  | | C1-202741 | Updates to link release procedure | | | vivo | CR 0016 24.587 Rel-16 | **Agreed**  Revision of C1-202184 | |
|  |  | | C1-202742 | Correction of the timers of link identifier update procedure | | | vivo | CR 0017 24.587 Rel-16 | **Agreed**  Revision of C1-202185 | |
|  |  | | C1-202744 | Handling of link identifier update not accept | | | vivo | CR 0019 24.587 Rel-16 | **Agreed**  Revision of C1-202187 | |
|  |  | | C1-202757 | Indicating support of V2X over NR-PC5 | | | LG Electronics / SangMin | CR 3344 24.301 Rel-16 | **Agreed**  Revision of C1-202162 | |
|  |  | | C1-202758 | Clarifications on configuration parameters for the PC5 QoS profile | | | LG Electronics / SangMin | CR 0012 24.587 Rel-16 | **Agreed**  Revision of C1-202163 | |
|  |  | | C1-202760 | Clarifications on the V2X policies regarding QoS | | | LG Electronics / SangMin | CR 0002 24.588 Rel-16 | **Agreed**  Revision of C1-202164 | |
|  |  | | C1-202768 | Resolution of editor's note under 6.1.2.3.6 | | | Huawei, HiSilicon /Christian | CR 0034 24.587 Rel-16 | **Agreed** | |
|  |  | | C1-202769 | Resolution of the editor's note under 6.1.2.5.7.2 | | | Huawei, HiSilicon /Christian | CR 0035 24.587 Rel-16 | **Agreed**  Revision of C1-202456 | |
|  |  | | C1-202780 | T3540 for service request for V2X communications | | | ZTE | CR 2111 24.501 Rel-16 | **Agreed**  Revision of C1-202333 | |
|  |  | | C1-202842 | Correction on conditions to initiate a PC5 unciast link establishment procedure | | | Huawei, HiSilicon / Vishnu | CR 0036 24.587 Rel-16 | **Agreed**  Revision of C1-202457 | |
|  |  | | C1-202844 | Packet filter for PC5 QoS flows | | | Huawei, HiSilicon / Vishnu | CR 0037 24.587 Rel-16 | **Agreed**  Revision of C1-202485 | |
|  |  | | C1-202867 | Remove FFS on GFBR and MFBR for UL and DL | | | OPPO / Rae | CR 0010 24.587 Rel-16 | **Agreed**  Revision of C1-202703 | |
|  |  | | C1-202908 | Handling of link establishment accept | | | vivo | CR 0013 24.587 Rel-16 | **Agreed**  Revision of C1-202738  Revision of C1-202181 | |
|  |  | | C1-202913 | ENs resolving in modification pocedure | | | vivo | CR 0015 24.587 Rel-16 | **Agreed**  Revision of C1-202909  Revision of C1-202898 | |
|  |  | | C1-202919 | Maximum number of NR PC5 unicast links for a UE | | | Huawei, HiSilicon / Vishnu | CR 0029 24.587 Rel-16 | **Agreed**  Revision of C1-202848  Revision of C1-202427 | |
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|  |  | | [C1-203062](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203062.zip) | Correction of served by E-UTRAN | | | Ericsson / Ivo | CR 0043 24.587 Rel-16 |  | |
|  |  | | [C1-203084](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203084.zip) | Editor's note on PDU session establishment for V2X over Uu | | | Ericsson / Ivo | CR 0045 24.587 Rel-16 |  | |
|  |  | | [C1-203119](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203119.zip) | NR PC5 unicast security policy provisioning | | | Qualcomm Incorporated / Sunghoon | CR 0003 24.587 Rel-16 | Revision of C1-202105 | |
|  |  | | [C1-203123](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203123.zip) | Destination Layer 2 ID derivation from the group identifier | | | Qualcomm Incorporated / Sunghoon | CR 0046 24.587 Rel-16 | Merged into C1-203457 and its revisions  Ivo, Tuesday, 9:33  Preference for Huawei's C1-203457.  Sunghoon, Tuesday, 13:55  @Ivo: only difference with C1-203457 is that C1-203123 proposes KDF (using SHA-256, same but with NULL key) as specified in SA3 spec.  It would better to have available 3GPP reference rather than reference to other SDO.  Yanchao, Tuesday, 15:18   1. According to the cover page, “destination Layer-2 ID for groupcast does not require any security protection”, how to derive that requirement? 2. Could you please clarify how the UE get the KDF, via pre-configuration?   Sunghoon, Wednesday, 12:18  @Yanchao:   1. Derivation of L2 ID does not have any security requirement, and also L2 ID is not encrypted ID. What we just need is to have 24bits long ID, which has less probability to collide. 2. UE doesn’t have to get it. It is implemented. so yes pre-configuration. | |
|  |  | | [C1-203127](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203127.zip) | Additional transport over Uu for V2X messages of V2X services identified by V2X service identifiers | | | Ericsson / Ivo | CR 0023 24.386 Rel-16 | Revision of C1-202838  Christian, Monday, 17:30  We support the main principle of the CR. However, this CR was agreed last e-meeting with concerns recorded in the meeting minutes from us in order to challenge it in this meeting if changes are not done. All concerns from us expressed at CT1#123-e BUT one have been considered. Thank you. As we said at CT1#123-e meeting, there is no need to introduce the V2X envelope from TS 24.587 to TS 24.386. We even do not believe that the V2X envelope is needed in TS 24.587 in the first place though it is already there (stage 2 is BTW clear in TS 23.287 clause 5.2.2; the mechanisms defined in TS 23.501 and TS 23.502 are used, so no need to introduce the so-called “V2X envelope”, the only thing for UE is to find the address of corresponding V2X application server and then send the V2X packets as normal data packets).  In short, we request a revision of the CR just to remove the V2X envelope and update the cover sheet accordingly.  Ivo, Monday, 19:31  V2X envelope enables sharing one TCP connection for:  - the UE informing the V2X AS about V2X service(s) which the UE wants to receive and the V2X AS informing the UE whether this is accepted; and  - the V2X application server sending to the UE a downlink V2X message of the V2X service which the UE wants to receive.  Thus, I cannot remove V2X envelope from the CR without loosing this core functionality.  I have tried to explain this at least 3 times and received zero feedback from Huawei. I am disappointed that I am gettting this comment at this late moment of this meeting.  Christian, Monday, 19:52  Ivo as we indicated already during the previous meeting CT1#123-e, there is no need of introducing the V2X envelope to make the TCP connection work. Now, as per the below e-mail, in our understanding “(stage 2 is BTW clear in TS 23.287 clause 5.2.2; the mechanisms defined in TS 23.501 and TS 23.502 are used, so no need to introduce the so-called “V2X envelope”, the only thing for UE is to find the address of corresponding V2X application server and then send the V2X packets as normal data packets)”.  Finally, as indicated the rest of the CR is fine by us.  Ivo, Tuesday, 0:22  Disagrees with Christian.  Rae, Tuesday, 3:28  If my SA2 memory is correct, V2X communication over Uu interface is not something special, in contrary the V2X communication is same as the other services over Uu interface, except the URSP.  All the TCP related implementation seems the work of the upper layer.  So I am wondering why we need something new here.  Ivo, Tuesday, 9:17  @Rae: there are stage-2 requirements, as indicated in the CR cover page.  Rae, Tuesday, 10:17  I have to say it is very difficult to reach your proposed mechanism based on the very general description from 23.285.  If SA2 really wants to add something for the Uu interface, they have defined more procedures instead of just using the general sentence.  I still think all the details on TCP layer interaction between UE and the application should be left to implementation.  Ivo, Tuesday, 11:30  There are stage-2 requirements and the CR attemtps to address them.  We already have solution for usage of UDP for this use case (i.e.the same V2X message are sent over LTE-Uu as sent over E-UTRAN-PC5.) so why do you want to prevent usage of TCP?  Rae, Tuesday, 11:43  I did not mean to do nothing. I should have made myself more clear. The V2X envelope related description seems not needed.  Ivo, Tuesday, 11:48  I indicated below \*why\* it is needed.Can you please explain how you provide the functionality descibed there? I.e.  for an application which normally sends V2X messages over PC5, how can a UE hosting such application send a non-IP V2X messages to the V2X AS and how the V2X AS sends a non-IP V2X messages to the UE, without the application being changed?  Rae, Tuesday, 11:54  As it is close to the comment free time, I make my comments quickly. What you said can be left to the upper layer and is out of scope of 3GPP. I agree with what Christian said.  Christian, Tuesday, 11:58  Strongly disagrees with Ivo’s rationale. Supports all the rest of the CR but not the introduction of unnecessary V2X envelope to TS 24.386.  Ivo, Tuesday, 16:00  Still thinks V2X envelope is needed, explains his view on why it is needed.  ----------------------------------  Was Agreed  Revision of C1-202010 | |
|  |  | | [C1-203128](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203128.zip) | Configuration parameters for additional transport over Uu for V2X messages of V2X services identified by V2X service identifiers | | | Ericsson / Ivo | CR 0020 24.385 Rel-16 | Revision of C1-202839  ----------------------------------------  Was agreed  Revision of C1-202011 | |
|  |  | | C1-203137 | On usage of MSB/LSB vs MSBs/LSBs | | | InterDigital Communications | discussion | Withdrawn | |
|  |  | | [C1-203142](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203142.zip) | Adding new definitions to 24.587 | | | InterDigital Communications | CR 0047 24.587 Rel-16 | Ivo, Tuesday, 9:33  CR proposes a different semantic of LSB / MSB than what is used in other CT1 documents (24.501, 24.302) and in 21.905. We do not support such abbreviation semantic overload.  Behrouz, Wednesday, 3:03  @Ivo: The exact same definitions are used in 24.334 and 33.536. When you say “We do not support such abbreviation semantic overload”, who is “we” referring to? Ericsson or CT1? In case you meant the latter one, perhaps you need to consider that 24.334 is under CT1’s remit (?)  And I already have commented on your point about 24.501 and 24.302, which I really fail to see having any relevance to this discussion in the reply I send about 2 hours ago on your comment for C1-203402.  Ivo, Wednesday, 12:31  My statement represented Ericsson's view.  **During CT1 conference call on June 5: it is decided to go with C1-203142.** | |
|  |  | | [C1-203218](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203218.zip) | Inclusion of Target User Info | | | InterDigital Communications | CR 0049 24.587 Rel-16 | Withdrawn  Chen, Tuesday, 11:33  This issue has been resolved in C1-202730, which is the revision of C1-202316.  Behrouz, Thursday, 8:34  I would like to withdraw this CR as it was brought to my attention that the proposed change had already been covered in the previous meeting in C1-202730. | |
|  |  | | [C1-203265](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203265.zip) | Encoding of link modification reject message | | | vivo | CR 0050 24.587 Rel-16 |  | |
|  |  | | [C1-203273](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203273.zip) | Destination L2 ID for groupcast | | | vivo | CR 0055 24.587 Rel-16 | Ivo, Tuesday, 9:33  - see no reason for different mechanisms based on operator's policy. One mechanism should be sufficient. - preference for Huawei's C1-203457  Chen, Thursday, 5:00  We share the same view of Ericsson, as different UEs using different mechanisms definitely cannot form a groupcast with each other, so it is better to require all the UEs to support one mechanism and make sure every device/UE can support this mechanism. | |
|  |  | | [C1-203290](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203290.zip) | Correction to the privacy timer | | | Huawei, HiSilicon /Christian | CR 0024 24.587 Rel-16 | Revision of C1-202767  --------------------------------  Was agreed  Revision of C1-202226 | |
|  |  | | [C1-203295](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203295.zip) | Single privacy timer of L2ID for unicast | | | ASUSTeK | CR 0056 24.587 Rel-16 | Postponed  Behrouz, Tuesday, 9:33  6.1.2.X Privacy of V2X transmission over PC5  The procedures described in clause 6.1.3.2.4 apply.  [What is the purpose of this section?]  6.1.3.2.4 Privacy of V2X transmission over PC5  Upon initiating transmission of V2X communication over PC5, if:  a)  the V2X service identifier of a V2X service requesting transmission of V2X communication over PC5 is in the list of of V2X services which require privacy for V2X communication over PC5 as specified in clause 5.2.3; and  b)  the UE is located in a geographical area in which this V2X service requires privacy for V2X communication over PC5 as specified in clause 5.2.3, or the UE is not provisioned any geographical areas in which this V2X services requires privacy for V2X communication over PC5; and  c)   for a PC5 unicast link, the DIRECT LINK ESTABLISHMENT REQUEST message for the PC5 unicast link is sent by the UE, [What extra value does this bullet provide? In fact, it doesn’t even read well!]  Rae, Tuesday, 10:56  I understand the author wants to use one subclause to cover unicast, broadcast, groupcast.  However, I think it is better to use the subclause for unicast with listing the difference, instead of changing 6.1.3.2.4.  Yanchao, Tuesday, 15:54  Second on the comments from Rae and Behrouz.  Besides,  for the privacy of the unicast, sending DIRECT LINK ESTABLISHMENT REQUEST message does not means the PC5 unicast link is established successfully, and the UE shall only start privacy time after the unicast link is successfully established. so we propose to use the following conditions for start of privacy timer for unicast:  - upon receipt of the DIRECT LINK ESTABLISHMENT ACCEPT message (for initiating UE); and  - upon sending the DIRECT LINK ESTABLISHMENT ACCEPT message (for target UE)  Lider, Tuesday, 16:23  @Behrouz: Currently, the operation of privacy timer of L2ID for unicast seems still unclear. On the other hand, clause 6.1.3.2.4 specifies the operation of privacy timer of L2ID for broadcast, while clause 6.1.4.2.4 specifies the operation of privacy timer of L2ID for groupcast but this clause just simply refers to clause 6.1.3.2.4. We think the operation of privacy timer of L2ID is good to be common for all cast types. That is why we try to refer clause 6.1.3.2.4 for unicast.  @Yanchao: We also think that the privacy time should be started after the unicast link is successfully established. However, we think it should be sufficint to maintain the privacy timer by one UE for a given unicast link and this UE can be either initiating UE or target UE of the unicast link. We just prefer for the initiating UE to maintain the privacy timer on the unicast link  It seems people prefer to use one separate subclause for unicast, I’m wondering if we can use the current procedural text in subclause 6.1.3.2.4 for unicast with some modifications (draft provided in the email). Please see if it is readable for you. Further comments are welcome. Thanks!  Yanchao, Wednesday, 5:24  We have further comments on the reason for change part:  Quoted:  “*Besides, both the initiating UE and the target UE should update their Layer-2 IDs during the PC5 unicast link identifier update procedure.*”   1. We think this is against the current SA2 requirement in TS23.287:   “*Upon reception of the Link Identifier Update Request message, based on privacy configuration as specified in clause 5.1.2.1, UE-2 may also decide to change its identifier(s).*  ….”  Sunghoon, Wednesday, 12:04  I second Yanchao’s comment that it is not aligned with TS 23.287.  There are another CR to discuss this issue, also drafting LS to pointing out the discrepancy between SA2 and SA3.  Your CR assumes that the L2 ID of both sides should be changed at the same procedure. Otherwise, it doesn’t work by running Privacy timer in one side.  Therefore, based on the outcome, your CR needs to be updated or postponed  Without resolving this issue, I don’t think we can accept your CR.  Lider, Wednesday, 16:04  According to the current TS24.587, the initiating UE of a unicast link identifier update procedure sends the request message including the initiating UE’s new layer 2 ID to the target UE of this procedure. Upon reception of the request message, the target UE responds to the initiating UE with the accept message including the target UE’s new layer 2 ID.  In my view, procedural text says that both UEs will change their own source layer 2 ID for a unicast link after the unicast link identifier update procedure triggered by privacy timer for this unicast link is completed.  If my understanding is correct, I cannot understand why “*Besides, both the initiating UE and the target UE should update their Layer-2 IDs during the PC5 unicast link identifier update procedure.*”could be against“*Upon reception of the Link Identifier Update Request message, based on privacy configuration as specified in clause 5.1.2.1, UE-2 may also decide to change its identifier(s).* ”, or which part is misaligned with TS23.287.  Sunghoon, Wednesday, 18:14  I think you missed the green text.  UE-1’s privacy timer value may be different with UE-2’s privacy timer.  And if UE-2 does not have to change its L2 ID (e.g., timer is still running), the UE-2 does not update its L2 ID and does not include in the accept msg.  Although above sentence is controversial among company now (due to misalignment btw SA2/SA3), your CR is based on the assumption that both UE have to update its L2 ID, which I don’t agree at this moment. Vivo is trying to send LS to resolve this requirement by asking to SA3 and SA2.  Lider, Thursday, 10:37  I see our assumption was made based on SA3 (according to the TS33.536 v1.2.0, it is mandatory for the target UE to include the “UE2’s new Layer 2 ID” in the “Direct Link Identifier Update Response” message) but not SA2 (Upon reception of the Link Identifier Update Request message, based on privacy configuration as specified in clause 5.1.2.1, UE-2 may also decide to change its identifier(s).). Therefore, the proposed manner of single privacy timer in this CR could be postponed.  Lena, Thursday, 22:30  @Lider: Based on your response, would it be ok with you if I mark C1-203295 as postponed in the services agenda?  Behrouz, Thursday, 22:35   1. SA2 has asked SA3 to validate SA2’s initial solution which was changing the L2 ID only on the source UE side. **SA3’s conclusion is that both UEs shall change their L2 ID during the same procedure to ensure privacy.** 2. The reason why UE2 shall also update its L2 ID, even if its privacy timer is running, and/or no trigger from UE2’s Application layer has been received, and/or any other reasons, is described in SA3 TS. This is because of linkability. Since the L2 IDs are sent **in cleartext** with every packet, **changing the L2 ID on UE1 only makes it possible for an attacker to link UE1’s new L2 ID with UE2’s old L2 ID**. ***This means UE1 can still be tracked via its new L2 ID therefore no privacy protection is provided!*** This linkability problem is explained in SA3 TR 33.836. 3. **SA2 has agreed with SA3’s conclusion**   Extract from LS SA2 to SA3 and CT1: (S2-2000971):  *SA3 have concluded that changing the layer 2 identities and the shared identities (e.g. Key IDs) for both UEs at the same time as proposed in solution #1 in TR 33.836 is chosen as the basis for normative work for protecting the privacy of PC5 unicast connections. Since SA2 are specifying the Link identifier update procedure in TS 23.287, SA3 propose that they will capture the security requirement of changing both sets of identities in the same run of Link identifier update procedure and request SA2 to update the procedure in their specification to satisfy that requirement.*  *SA3 has requested SA2 to capture a new security requirement for changing sets of identities of both UEs (Layer 2 identities and shared identities, e.g., Key IDs) in the same run of Link identifier update procedure.*  ***SA2 has agreed to capture the above security requirement and to update the Link identifier update procedure in TS 23.287 to satisfy the above requirement****.*  Lider, Friday, 9:20  Many thanks for Behrouz’s information!  Currently, the operation of privacy timer for unicast has not been specified in TS24.587 yet. We still tend to consider the single privacy timer operation for simpler protocol effort, and provide the CR in next meeting.  Lena, Friday, 22:52  Ok, I will mark the CR as postponed, and we can rediscuss this topic in the next meeting.  Lider, Monday 2:53  @Lena: I’m fine with your decision. | |
|  |  | | [C1-203296](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203296.zip) | Definition of UE aborting the PC5 unicast link identifier update procedure | | | ASUSTeK | CR 0057 24.587 Rel-16 | Ivo, Tuesday, 9:33  "of sending" - does this mean "which sent"? If so, can we use "which sent"?  Behrouz, Tuesday, 9:37  b)  For the same PC5 unicast link, if the initiating UE receives a DIRECT LINK IDENTIFIER UPDATE REQUEST message during the PC5 unicast link identifier update procedure and the initiating UE is the UE of sending the DIRECT LINK ESTABLISHMENT REQUEST message for the PC5 unicast link, the initiating UE shall abort the PC5 unicast link identifier update procedure. Following handling is implementation dependent, e.g., the initiating UE waits for an implementation dependent time for initiating a new PC5 unicast link identifier update procedure, if still needed.  [Here, the initiating UE is the one that has **sent** the LIU Request. Why would the same UE also send the Link Est Req message? This addition only creates confusion!]  Lider, Tuesday, 17:29  @Ivo: I am fine to replace “of sending” with “which sent”.  Lider, Tuesday, 17:56  @Behrouz: The addition is to specify which UE abort the direct link identifier update procedure when the collision occurs. We think just either the initiating UE or the target UE aborts the procedure and we prefer the initiating UE.  Since the direct link identifier update procedure should be performed only after the direct link establishment procedure is successfully completed, I try to reword the procedural text for better readability. Further comments are welcome.  Behrouz, Wednesday, 4:03  @Lider: I appreciate your attempt to try to reword the section for better readability. However, my point is that it is not needed as it is clear who the Initiating UE is in this section/procedure. Your CR is for subclause 6.1.2.5.7.1, which is for the Link Identifier Update procedure and for this procedure, it clear that the UE that has sent “Link Identifier Update Request” is the “Initiating UE”. There is no need to try to clarify this.  Lider, Wednesday, 17:11  @Behrouz: It seems that you may misunderstand my point.  I know that “UE sending request message” is a initiating UE while “UE sending accept message” is a target UE, in all unicast-related procedures.  For example, for a given unicast link, there are UE1 (which requests establishment of the unicast link) and UE2 (which accepts the establishment). It is possible that UE1 initializes a unicast link identifier update (LIU) procedure meanwhile UE2 also initializes another LIU procedure. In this situation, both UEs are in role of **initiating UE** **for LIU procedure** since UE1 and UE2 send the LIU request messages in its own LIU procedure. To this end, UE1 will abort its LIU procedure because UE1 receives UE2’s LIU request message, and so on the case in UE2. To address this, we think just UE1 aborts the LIU procedure.  Behrouz, Wednesday, 21:56  I think there is a misunderstanding on another level. Based on your explanation here, you seem to regard UE1, which started the “Link Establishment Procedure” the “Initiating UE” and then UE2, which sent the Accept message in the (again) “Link Establishment procedure”, the “Target UE”.  My point, however, was that you are making changes to the “Link Identifier Update procedure” and this should not have anything to do with the establishment of the link and which UE started it. During the “Link Identifier Update procedure”, whichever UE that starts the procedure by sending the “Request” message will be the “Initiating UE” and the other one, that sends the “Accept” message will, hence, be the “Target UE”. All in all, if I try to make it a bit easier and more high level, the Link Establishment procedure should not even be in the picture here and the Link Identifier Update procedure should be kept independent of that. This is the main point behind my comment when I mentioned that the addition in your CR will only create confusion.  Sunghoon, Thursday, 11:38  Same comment as for C1-203297, i.e.  This CR requires the UE to memorize which UE has initiated the PC5 unicast link at the first place.  It brings unnecessary complexity to be prepared for rare cases, also current text (by implementation specific timer) already resolves this issue.  Hence, this CR seems optimization with marginal benefit, I don’t think this CR is necessary.  Lider, Friday, 9:42  Briefly, what behavior we want is that the UE in case of being “initiating UE – LIU procedure” and being “initiating UE – link establishment procedure” aborts the collided procedure. For the UE in other cases, the UE continues the procedure even if it detects the collision.  We think this solution does reduce complexity (in our view, implementing specific timer start and expiry seems more complicated comparing to memorizing UE-roles) and unnecessary signaling overhead.  **However, we are fine to leave it as it is, if majority doesn’t consider any enhancement for the rare case.** | |
|  |  | | [C1-203297](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203297.zip) | Definition of UE aborting the PC5 unicast link modification procedure | | | ASUSTeK | CR 0058 24.587 Rel-16 | Ivo, Tuesday, 9:33  "of sending" - does this mean "which sent"? If so, can we use "which sent"?  Behrouz, Tuesday, 9:42  For the same PC5 unicast link, if the initiating UE receives a DIRECT LINK MODIFICATION REQUEST message during the PC5 unicast link modification procedure and the initiating UE is the UE of sending the DIRECT LINK ESTABLISHMENT REQUEST message for the PC5 unicast link [Same comment as in the previous paper C1-203296]  Sunghoon, Tuesday, 14:20  This CR requires the UE to memorize which UE has initiated the PC5 unicast link at the first place.  It brings unnecessary complexity to be prepared for rare cases, also current text (by implementation specific timer) resolves this issue.  Hence, this CR seems optimization with marginal benefit, I don’t think this CR is necessary.  Lider, Tuesday, 18:02  I tried to reword the procedural text for better readability in this case. Further comments are welcome.  Behrouz, Wednesday, 4:05  As I commented for the previous CR (C1-203296), there is no need to try clarify which UE would be the “initiating UE”. It si already clear in the procedure.  Lider, Wednesday, 17:15  @Behrouz: See my answer for C1-203296. | |
|  |  | | [C1-203298](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203298.zip) | Corrections to unicast mode communication | | | ASUSTeK | CR 0059 24.587 Rel-16 | Merged into C1-203290 and C1-203120 and their revisions  Ivo, Tuesday, 9:33  CR is not based on baseline.  Sunghoon, Tuesday, 14:11  First change is already captured by Qualcomm CR in C1-203120.  Second change can be merged into C1-203290.  Lider, Tuesday, 17:26  I’m fine to merge the second change into C1-203290.  Lena, Tuesday, 20:21  @Lider: Since you are fine to merge the second change into C1-203290, and that the first change is already covered by C1-203120, I could mark C1-203298 as “Merged into C1-203290 and C1-203120 and their revisions” in the agenda. Would this be acceptable for you?  Lider, Wednesday, 16:08  @Lena: Yes, I’m fine with your suggestion. | |
|  |  | | [C1-203327](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203327.zip) | Change the term service authorisation provisioning | | | OPPO / Rae | CR 0060 24.587 Rel-16 |  | |
|  |  | | [C1-203402](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203402.zip) | On the usage of MSB/LSB vs. MSBs/LSBs | | | InterDigital Communications | discussion Rel-16 | Noted  Ivo, Tuesday, 9:33  - this proposes a different semantic of LSB / MSB than what is used in other CT1 documents (24.501, 24.302) and in 21.905. Furthermore, CT1 uses "octet" (instead of "byte") so if "B" in "LSB" and "MSB" refers to "byte", we should instead use "LSO" / "MSO". - based on the above, we prefer "LSBs"/"MSBs"  (or possibly "LSO"/"MSO")  Behrouz, Wednesday, 0:57 @Ivo: where in the DP, or the related CR (C1-203142), do I even mention the word “Byte”? You keep mentioning it as if I have claimed that e.g. MSB stands for “Most Significant Byte”, whereas I have clearly copied the same definition/usage from 24.334 and called it “Most Significant 8 Bits”. I thought the reasoning and rationale behind these two new definitions were explained in the DP. I don’t really understand why you bring up 24.501 and 24.302. As an example, the word “MSB” is only used once in 24.501, in a totally different context, and even there, it is followed by “bit”!!  Once again, as clarified in the DP, all I am trying to do is aligning with the same usage with SA3 (as they have done in 33.536) and the former ProSe spec (24.334) and avoiding confusion in the future plus extra work that will be needed in both SA3 and CT1 to go back and change everything to MSBs/LSBs.  Ivo, Wednesday, 12:43  There is no occurence of "Most Significant 8 Bits" in C1-203402.  Anyway, since you now propose to specify "MSB" as “Most Significant 8 Bits”, this is misleading and deviates from 21.901 which specifies:  MSB                      Most Significant Bit  LSB                       Least Significant Bit  Since we are starting with a new TS, we should make the terminology correct.  Behrouz, Wednesday, 21:11  @Ivo: I am not sure whether you even read my mails or perhaps just keep repeating what you already had said? As an example, this is what I wrote in  my mail (which you are quoting below): I have clearly copied the same definition/usage **from 24.334** and called it “Most Significant 8 Bits”. And I had written that many times during our discussions back and forth in the last CT1#123e meeting as well. What do you even mean when you refer to C1-203402, which is a DP, when the actual change is in C1-203142?! And again, SA3 uses the exact same definition in 33.536. You seem to be stuck with 21.905 and 24.501 and now you finished your mail by “Since we are starting with a new TS, we should make the terminology correct” and that is exactly what I am trying to do, hence putting the new definitions in the new spec 24.587.  Ivo, Wednesday, 21:38  My comments are based on the contents of C1-203402.  I understand that you wish to align 24.587 with 24.334. However, it would be better to align 24.587 with 21.901 and with MSB/LSB as used in other CT1 TSs particularly in 24.302 and 24.501. Specifying "MSB" as "Most Significant 8 Bits" is confusing as:  - the fact that there are several bits is not reflected in the abbreviation; and  - this deviates from the regular usage of "MSB" elsewhere.  Before Apr 2020 CT1 meeting, when I was reviewing CT1 CRs and SA3 TS, it took me actually quite some time to identify that MSB in those CRs was not meant to stand for a most significant bit (but for something else). Reader of the TS 24.587 might be just as confused as I was.  Regarding SA3 - 33.536 v1.2.0 actually does not specify abbreviation LSB/MSB. We should send them an LS and inform them that we decided to use "MSBs"/"LSBs" since "MBS"/"LBS" in 21.901 means something else and ask them to consider aligning.  Behrouz, Thursday, 2:28  If using MSB is confusing, how come it has been used in 24.334 since Rel-13 an nobody has complained or brought a CR to fix it? Once again, and as I explained in the DP, all we need to do is defining the acronyms.  It would be obviously 8 bits if one looks at the definitions introduced in the CR.  Ivo, Thursday, 9:16  On: why the usage of MSBs/LSBs, as you have suggested several times, would be vague. Just because we use a plural form, does not at all lead to the fact that we mean 8 bits. One can assume any value greater than 1.  If you wish to be more precise, "MS8Bs" ("Most Significant 8 Bits" ) or "8MSBs" ("8 Most Significant Bits" ) would be OK with me. Such abbreviations reflects the semantic and do not conflict with 21.901.   Would any of the above work for you? | |
|  |  | | [C1-203447](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203447.zip) | Work plan for the CT1 part of eV2XARC | | | Huawei, HiSilicon /Christian | discussion Rel-16 | Noted | |
|  |  | | [C1-203453](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203453.zip) | Clarification on the relation between a pair of Layer-2 IDs and a PC5 unicast link | | | Huawei, HiSilicon / Vishnu | CR 0062 24.587 Rel-16 |  | |
|  |  | | [C1-203480](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203480.zip) | Upates to link modification procedure | | | Huawei, HiSilicon / Vishnu | CR 0064 24.587 Rel-16 |  | |
|  |  | | [C1-203554](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203554.zip) | Resolution of the editor's note on exact semantic and length of validity timer field | | | Huawei, HiSilicon /Christian | CR 0011 24.588 Rel-16 | Merged into C1-203063 and its revisions  Ivo, Tuesday, 9:33  - conflicts with C1-203063 - agree that absolute time is the best but prefer time format (unix time\_t) as in C1-203063 since it offers precision per seconds and enables addressing till year 71000 (while the coding proposed in this CR takes the same amount of octets, enables precision to minutes only and enables addressing of 100 years only) - incorrect numbering of octets following validity time  SangMin, Tuesday, 9:34  This CR is conflicting with C1-203063 from Ericsson.  We are generally fine with both, but prefer to move forward with C1-203063 from Ericsson, because the 40 bits UTC time value has been used for the validity timer value for V2X in EPC. So it would be better to use same coding value for consistency, and for interworking with EPC.  If we move forward with this CR in C1-203554, then the “TBD” values in Figure /Table 5.3.1.2 to 5.3.1.5 should be updated.  Christian, Monday, 17:27  We agree to merge our CR in C1-203554 into a revision of C1-203063 and to co-sign the revision. | |
|  |  | | [C1-203748](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203748.zip) | security handling | | | Samsung/Grace | CR 0012 24.588 Rel-16 | Revision of C1-203744  Ivo, Tuesday, 9:33  - conflicts with C1-203117 - does not enable providing different NR PC5 Unicast security policy for different V2X service identifiers - we prefer to progress C1-203117 - "User Plane integrity protection policy (octet o54+2, bit 7 to bit 8)" should be changed to "User Plane encryption protection policy (octet o54+2, bit 7 to bit 8)"  Sunghoon, Thursday, 13:26  I think this CR is covered by Qualcomm CR in C1-203117.  In my view, this CR omits other texts in the subclause, it does not cover all security policy, and also encoding seems not correct.  Unless there are different opinions, would it be ok with Grace to merge C1-203748 into C1-203117?  ---------------------------------------- | |
|  |  | | C1-203778 | Update to the V2X policies regarding RAN parameters | | | LG Electronics / SangMin | CR 0003 24.588 Rel-16 | Revision of C1-202165  Late document  SangMin, Wednesday, 11:16  The reason for the late revision is that the baseline texts in clause 2 was not correct, which was copied from the wrong specification by mistake. I spotted this error while I’m comparing any overlap between the submitted CRs to this meeting and agreed CRs in the last meetings.  ----------------------------------------  Was agreed | |
|  |  | | C1-203779 | Introducing V2X communications over NR PC5 in EPC | | | LG Electronics / SangMin | CR 0024 24.386 Rel-16 | Revision of C1-202748  Late document  SangMin, Wednesday, 11:28  The reason for the late revision is that after the last meeting SA2 has updated the configuration parameters for NR-PC5 enormously, and CT1 also have a number of CRs in this meeting aligning with stage 2. So far the following CRs have proposed changes to configuration parameters for NR-PC5.  C1-203053 / 3054 (update V2X service ID to Tx profile mapping rules)  C1-203055, 3269 / 3056 (add “default mode of communication)  C1-203057 / 3058 (update the terminologies)  C1-203059 / 3060,61 (update QoS mapping rule as you mentioned)  C1-203119 / 3117 (add security policy)  C1-203273 (add a destination layer-2 ID converting mechanism for groupcast)  Since this is the last meeting before the release 16 freezing, I would like to capture those changes in TS 24.386 as well. Note that the CR for TS 24.385 are already revised to this meeting and will be revised accordingly.  Since the CRs listed above are not stable yet, so I would like to provide after checking discussions on each CRs listed above.  SangMin, Monday, 10:05  A draft version of C1-203779 is available. I updated the configuration parameter for NR-PC5 part in TS 24.386 to be aligned with the one in TS 24.287, with the CRs above. If some of those CRs are not going forward, I’ll also update this CR and companion CRs for TS 24.385 accordingly (only if the revision deadline is not passed).  ----------------------------------------  Was agreed  Revision of C1-202160 | |
|  |  | | [C1-203802](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203802.zip) | Remove IP address for privacy timer | | | OPPO / Rae | CR 0010 24.588 Rel-16 | Revision of C1-203329  -----------------------------------------  Ivo, Tuesday, 9:33  - changes in Figure 5.3.1.45 and Table 5.3.1.45 are not described on the cover page and conflict with C1-203060 - rest OK  Rae, Tuesday, 12:01  @Ivo: Sorry for copying the irrelevant changes in Figure 5.3.1.45 and Table 5.3.1.45. These changes will be removed in the revision.  Sunghoon, Tuesday, 14:09  If you check 6.3.3.2 of TS 23.287, it describes the change of IP address too. So the reason for change is not correct.  Second change (changes on QoS mapping rule input) has collided with Ericsson CR.  Rae, Wednesday, 3:30  @Sunghoon: In 23.287 and 24.587, IP address is optionally included in the link identifier update procedure, which means that UE can update the L2 ID without changing the IP address.  If the timer for both, IP address cannot be optional.  Also in 23.287, there is no mention that IP address is updated based on the privacy timer.  For the other changes, I will remove them in the revision. Sorry for the wrong copy.  Sunghoon, Wednesday, 6:12  @Rae:  I think you are removing the optionality too.  Rationale:  TS 23.287 5.6.1.4,  *Based on privacy configuration as specified in clause 5.1.2.1, the update of the new identifiers of a source UE to the peer UE for the established unicast link may cause the peer UE to change its Layer-2 ID and optionally IP address/prefix if IP communication is used as defined in clause 6.3.3.2.*  TS 23.287 5.6.1.1.  *If the UE has an active V2X application that requires privacy support in the current Geographical Area, as identified by configuration described in clause 5.1.2.1, in order to ensure that a source UE (e.g. vehicle) cannot be tracked or identified by any other UEs (e.g. vehicles) beyond a certain short time-period required by the application, the source Layer-2 ID shall be changed over time and shall be randomized. For IP-based V2X communication over PC5 reference point, the source IP address shall also be changed over* ***time*** *and shall be randomized. The change of the identifiers of a source UE must be synchronized across layers used for PC5, (e.g. when the Application Layer ID changes, the source Layer-2 ID and the source IP address need to be changed).*  And *6.3.3.2            Link identifier update for a unicast link* *Figure 6.3.3.2-1 shows the link identifier update procedure for a unicast link. Due to the privacy requirements, identifiers used for unicast mode of V2X communication over PC5 reference point (e.g. Application Layer ID, Source Layer-2 ID and IP address/prefix) shall be changed over* ***time*** *as specified in clauses 5.6.1.1 and 5.6.1.4. This procedure is used to update and exchange new identifiers between the source and the peer UEs for a unicast link before using the new identifiers, to prevent service interruptions.*  “and source IP address (for IP data)” looks to me already optional, but if you are not comfortable with it, what do you think to add ‘optionally’ in front?  Rae, Wednesday, 10:01  @Sunghoon: The point of this CR is to clarify the IP address update is not associated with the privacy timer. The referred configuration parameter in 23.287 only mentions the L2 ID update.  I think whether updating IP address should be left to UE implementation and can depends on the upper layer.  I mention the optionality of IP address update is to prove that the privacy timer is not associated to IP address, otherwise the IP address will be always updated together with L2 ID.  Sunghoon, Wednesday, 16:10  @Rae: I understood your point. I am fine with removing it. | |
|  |  | | [C1-203803](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203803.zip) | Abnormal case of link release including Knrp ID | | | OPPO / Rae | CR 0061 24.587 Rel-16 | Revision of C1-203328  Ivo, Monday, 19:35  Ok for me.  -------------------------------------  Ivo, Tuesday, 9:33  Retransmission means that entire message is sent again, without changes. If something needs to change in the message, the message needs to be generated again and normative text should be added - NOTE is not sufficient for that.  Behrouz, Tuesday, 9:46  Please see my comments in BLUE. 6.1.2.4.5.1 Abnormal cases at the initiating UE If retransmission timer T5002 expires, the initiating UE shall initiate the transmission of the DIRECT LINK RELEASE REQUEST message again and restart timer T5002.  NOTE:   Whether the same 8 MSBs of the KNRP ID [this is 2 octets] with the one included in the previous DIRECT LINK RELEASE REQUEST message is UE implementation specific. [The sentence is incomplete!]  If no response is received from the target UE after reaching the maximum number of allowed retransmissions, the initiating UE shall release the PC5 unicast link locally and delete the KNRP ID associated with this link [Is this really needed when the link is released?!]. From this time onward the initiating UE shall no longer send or receive any messages via this link.  Rae, Tuesday, 11:59  @Ivo: I am OK to remove the NOTE based on the understanding of retransmission.  @Behrouz: the reason why UE deletes the Knpp ID is to avoid UE uses the same ID again for the next link establishment. I think this is also the purpose why SA3 specifies to exchange new ID during release procedure.  Sunghoon, Tuesday, 14:24  It is not clear why UE uses new Knrp ID when it tries again. I cannot see any security requirement for it.  Also It has disadvantage that it is more likely to end up with the values different on each UE.  Behrouz, Wednesday, 3:31  My point was that since the two UEs will create new key and start using that one as of next connection, it should be obvious that the old key is deleted and its value does not matter.  Rae, Wednesday, 3:45  @Behrouz: If I understand correctly, in the next establishment procedure, UE may use the Knrp ID as below:  h)   may include a KNRP ID if the initiating UE has an existing KNRP for the target UE.  The Knrp ID is clear text so the security issue happens, which is also the reason why SA3 introduces the Knrp ID update during release procedure to avoid using the same ID.  But if the new Knrp ID is not exchanged via PC5-S and if UE does not delete the Knrp ID, it is possible UE will still use the same one.  Besides, Knrp is not changed if the next link is established bwt the same UEs. | |
|  |  | | C1-203892 | Modification of the Link Release procedure | | | InterDigital Communications | CR 0048 24.587 Rel-16 | Withdrawn (allocated by mistake) | |
|  |  | | [C1-203896](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203896.zip) | Alignment of the name of cause#5 | | | vivo | CR 0051 24.587 Rel-16 | Revision of C1-203266  -----------------------------------------  Ivo, Tuesday, 9:33  "unicst" -> "unicast"  Chen, Wednesday, 11:22  In Reason for Change, “CT1#124e” -> “CT1#123-e”, “proposed” -> “agreed”  Yanchao, Thursday, 6:00  I have taken all comments onboard, a draft revision is available.  Sunghoon, Thursday, 12:10  I think it is Cat.D CR.  Frederic, Thursday, 12:57  This CR depends on renaming done in a CR agreed at the previous meeting (i.e. it doesn’t appear in the reference version yet), it may be good to add a linkage on the cover sheet (“other specs affected”).  I’m not 100% sure that it should be cat D.  Behrouz, Thursday, 15:22  Not a great idea to send “Cat D” CRs to the Plenary. Try another category.  Yanchao, Thursday, 17:03  @Frederic: I will add the linkage in the cover page of revision.  @Sunghoon: I think it is not a cat D CR.  It corrects the name of the cause code and it complements what was agreed in the last meeting. Could you live with cat F?  Sunghoon, Friday, 12:03  Yes, I am Ok with Cat F.  Yanchao, Monday, 17: 15  A draft revision is available. | |
|  |  | | [C1-203897](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203897.zip) | Handling of link release procedure | | | vivo | CR 0052 24.587 Rel-16 | Revision of C1-203267  ---------------------------------------  Behrouz, Tuesday, 9:25  Please change “uncist” to “unicast” in two places.  Ivo, Tuesday, 9:33  "uncist" -> "unicast"  Sunghoon, Tuesday, 13:32  On the second bullet: “delete the PC5 uncist link context of the PC5 unicast link.”  UE may keep the key which has been received from the link release procedure for the next link establishment. So delete of the context seems not correct.  Yanchao, Thursday, 6:09  A draft revision is available with the following changes:   1. Deletion of PC5 unicast link context is made optional; 2. Add a note to say “How long the UE keeps the PC5 unicast link context depends on UE implementation.” 3. change “uncist” to “unicast”.   Behrouz, Thursday, 6:22  My only comment was bullet 3, which was a pure editorial one. So, if you have taken care of that, I am fine with the revision.  Sunghoon, Thursday, 12:29  As per SA3 agreed CR S3-201344, UE may or may not use the new Knrp\_ID on a subsequent unicast link establishment procedure, it does not mean the UE may delete the PC5 unicast context.  Also UE\_2 and UE\_1 shall form the new Knrp\_ID. It looks strange that the UE delete the context right after it has formed the key ID.  So my suggestion is to change like below:  b) delete the PC5 unicast link context of the PC5 unicast link after implementation specific time.  Behrouz, Thurday, 21:56  We agree with Sunghoon’s comment and further propose the following changes:  Instead of :  *b) delete the PC5 unicast link context of the PC5 unicast link after implementation specific time.*  We suggest the following :  b) delete the PC5 unicast link context of the PC5 unicast link.  c) keep the KNRP/KNRP ID association with the peer UE. It is implementation specific for how long the association will be kept.  Yanchao, Friday, 4:49  We prefer Sunghoon’s proposal. The reason is we find the logic strange to delete the UE unicast link context but keep KNRP/KNRP ID. According to our understanding, the KNRP/KNRP ID is stored in the UE PC5 unicast link context. And we cannot just keep the KNRP/KNRP ID itself, we have to keep the association between the KNRP/KNRP ID and the Peer UE ID, as Behrouz’s said, and more information needs to be stored as well, such as UE Application layer ID, V2X service ID.  Behrouz, are you ok if I take Sunghoon’s wording proposal?  Yanchao, Monday, 17:14  I used Sunghoon’s wording suggestion in the draft revision.  @Behrouz: are you ok with the draft revision? | |
|  |  | | [C1-203898](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203898.zip) | Handling of PC5 unicast link ID update accept | | | vivo | CR 0053 24.587 Rel-16 | Revision of C1-203268  ------------------------------------------------  Behrouz, Tuesday, 9:25  Please see my comments in BLUE.  In 6.1.2.5.3:  Upon receipt of the DIRECT LINK IDENTIFIER UPDATE ACK message from initiating UE, the targte UE shall pass the new layer-2 IDs (i.e. initiating UE’s new Layer 2 ID and target UE’s new Layer 2 ID if changed) along with the PC5 link identifier down to the lower layer. Then the target UE shall use the new layer-2 IDs to transmit the PC5 signalling message and PC5 user plane data.  [This is not needed as it already exists (with minor difference) in 6.1.2.5.5]  In 6.1.2.5.4:  Upon sending the DIRECT LINK IDENTIFIER UPDATE ACK message, the initiating UE shall pass the new layer-2 IDs (i.e. initiating UE’s new Layer 2 ID and target UE’s new Layer 2 ID if changed) along with the PC5 link identifier down to the lower layer. Then the initiating UE shall use the new layer-2 IDs to transmit the PC5 signalling message and PC5 user plane data.  [The addition of this only creates confusion. The first part of it is covered by the sentence above it and the rest by the paragraph below!]  Sunghoon, Wednesday, 9:15  Wouldn’t be simple implementation if V2X layer always provides both pairs?  Wen, Friday, 9:34  @Behrouz:   1. Your first comment works for us. We have removed the changes from 6.1.2.5.3 and reflect the minor difference as you said in 6.1.2.5.5 as we think it is necessary to reflect when target UE starts to use the new L2 IDs. 2. From our understanding, upon receipt of the DIRECT LINK IDENTIFIER UPDATE ACCEPT message, if the initiating UE updates the associated PC5 unicast link context with the new identifiers and pass the new L2 IDs down to lower layer, due to the change L2 IDs in lower layer and PC5 unicast link context, the initiating UE may lose the old L2-IDs info and cannot send the DIRECT LINK IDENTIFIER UPDATE ACK message with the old L2-IDs. so it is more reasonable to update PC5 unicast link context and pass new L2 IDs down to lower layer after sending the DIRECT LINK IDENTIFIER UPDATE ACK message.  Hope this explanation can resolve your second comment.   A draft revision is available.  Wen, Monday, 6:08  An updated draft revision is available. | |
|  |  | | [C1-203899](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203899.zip) | Handling of communication mode | | | vivo | CR 0054 24.587 Rel-16 | Revision of C1-203269  -------------------------------------------------  Ivo, Tuesday, 9:33  - changes in 5.2.3 conflict with C1-203055 - in 5.2.3, "(i.e. broadcast mode, groupcast mode or unicast mode)" should be moved to 2nd sentence since 2nd sentence is supposed to provide details to 1st sentence - 6.1.2.2.2 - in S2-2003420, information indicated by the upper layer has precedence over the configured information. However, in this CR, this precendence of the information indicated by the upper layer over the configured information is not reflected. - formal dependency on S2-2003420 and S2-2003419 missing I suggest to remove 5.2.3 from scope of the CR and progress both C1-203269 and C1-203055  Behrouz, Wednesday, 4:10  In 6.1.2.2.2:  b)  the communication mode is unicast mode (e.g. pre-configured as specified in clause 5.2.3 or indicated by upper layers);  [Why is the communication mode needed? The UE is already configured with the mapping between the V2X Service ID and the communication mode]  In 6.1.4.2.1.1:  2) the communication mode which is set to groupcast mode.  [Same comment as before; why is this needed?]  Yanchao, Thursday, 4:53  @Behrouz: The bullet b) you are referring is one of the pre-conditions that initiating UE shall meet before initiating the PC5 unicast link establishment procedure. V2X communication over NR-PC5 supports broadcast mode, groupcast mode, and unicast mode. Only the UE determine that the communication mode is unicast, then the UE will initiate the PC5 unicast link establishment procedure.  Same applys to 2nd comment.  Chen, Thursday, 5:00   * Conflicts with C1-203055 and C1-203256 from Ericsson. * Preference for Ericsson’s.   Yanchao, Thursday, 6:18  A draft revision is available with the following changes:   1. remove changes in 5.2.3 to avoid conflict with Ivo’s paper; 2. add some text in 6.1.1 to clarify that for communication mode, information indicated by the upper layer has precedence over the configured information; 3. formal dependency on S2-2003420 and S2-2003419 are added to the cover page.   Ivo, Thursday, 8:41  Ok with the draft revision. Please add Ericsson as co-signer.  Rae, Thursday, 9:10  Under 6.1.1, clause 5.1.2.1 -> clause 5.2.3.  Yanchao, Thursday, 12:48  A new draft revision is available with the subclause number corrected and Ericsson added as co-signer.  Behrouz, Thursday, 15:38  I withdraw my comment, I am ok with the CR. | |
|  |  | | [C1-203975](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203975.zip) | Updating PC5 unicast link modification procedure | | | LG Electronics / SangMin | CR 0067 24.587 Rel-16 | Revision of C1-203541  SangMin, Tuesday, 8:57  The changes in the revision are:   * the cases on adding new V2X services to the existing QoS flow and to the new QoS flow are now merged; * the bullets in subclause 6.1.2.3.1 is updated; * “update QoS flow descriptions” is modified to “update QoS parameters”; * the name of the link modification operation code is aligned; * the codepoints of the link modification operation code is updated for having spare values; * More co-sourcing companies.   -------------------------------------  Behrouz, Tuesday, 9:50  In case you want to remove the “V2X Service Identifier” IE from the message, you will then also need to remove its description below the message.  Rae, Tuesday, 11:44   * Whether it is needed, for adding the new QoS flow, to distinguish the case when associated to the existing services and the case when associated to the new services? * In my understanding, it is possible to update the QoS parameters when adding or removing V2X services for an existing QoS flow. * if I understand correctly, for the copied paragraph, you want to cover the case when the QoS parameters are only updated without changing the associated services.   However, the service identifier is also part of the QoS flow description IE based on C1-203540 also from LGE.  So PC5 QoS flow descriptions should be changed to such as PC5 QoS parameters.  If the PC5 unicast link modification procedure is to modify the PC5 QoS flow descriptions for existing PC5 QoS flow(s) in the existing PC5 unicast link, the initiating UE shall create a DIRECT LINK MODIFICATION REQUEST message. In this message, the initiating UE:  Yanchao, Tuesday, 15:46   1. Agree with OPPO’s 1st comment, we also think it is no need to distinguish detail cases about adding new PC5 QoS flows. 2. Based on the first comment and to align with S2-2003431’s descriptions, we propose to use the following wording which emphasize on the modification operations:   add new PC5 QoS flow(s) to the existing PC5 unicast link  modify existing PC5 QoS flow(s) for updating PC5 QoS parameters in the existing PC5 unicast link  modify existing PC5 QoS flow(s) for adding new V2X service in the existing PC5 unicast link  modify existing PC5 QoS flow(s) for removing existing V2X service in the existing PC5 unicast link  remove existing PC5 QoS flow(s) from the existing PC5 unicast link  SangMin, Thursday, 4:49  @Rae and Yanchao:  Regarding two cases of adding new PC5 QoS flows, I agree that we don’t need to distinguish them. So I’ll merge two cases, as in the original baseline.  Also I can update the “PC5 QoS flow descriptions” to “PC5 QoS parameters”. I’ll update them.  About the suggestion on the bullets from Yanchao, the reason I removed “in the existing PC5 unicast link” from the bullets is that the manipulation of QoS flow association with V2X service id is per QoS flow, not with the whole link. Moreover, I updated the text before bullets as follows:  The purpose of the PC5 unicast link modification procedure is to modify the existing PC5 unicast link to:  So it is clear that all those bullets below the text is regarding existing unicast link. With this, how about the following wording?  a)   add new PC5 QoS flow(s) to the existing PC5 unicast link;  b)  modify existing PC5 QoS flow(s) for updating PC5 QoS parameters;  c)   modify existing PC5 QoS flow(s) for associating new V2X service(s) with the existing PC5 QoS flow(s);  d)  modify existing PC5 QoS flow(s) for removing the associated V2X service(s) from the existing PC5 QoS flow(s); or  e)   remove existing PC5 QoS flow(s) from the existing PC5 unicast link.  SangMin, Thursday, 4:53  @Behrouz: Not sure if I understand your comment correctly. There’s no description on V2X service identifier IE below the message, (i.e. no subclause on V2X service identifier under clause 7.3.4) so no further removal is needed.  Behrouz, Thursday, 6:07  Ok, I withdraw my comment.  SangMin, Friday, 9:31  A draft revision is available with the following changes:  - the cases on adding new V2X services to the existing QoS flow and to the new QoS flow are now merged;  - the bullets in subclause 6.1.2.3.1 is updated;  - “update QoS flow descriptions” is modified to “update QoS parameters”;  - the name of the link modification operation code is aligned;  - the codepoints of the link modification operation code is updated for having spare values.  Rae, Friday, 10:01  Two editorial comments:  -     whether there is need to repeat “existing PC5 QoS flow(s)” twice in the following bullets?  -     If you still prefer to keep it, I think it is better to change “in” -> “of” in bullet b).  b)   modify existing PC5 QoS flow(s) for updating PC5 QoS parameters in the existing PC5 QoS flow(s);  c)   modify existing PC5 QoS flow(s) for associating new V2X service(s) with the existing PC5 QoS flow(s);  d)   modify existing PC5 QoS flow(s) for removing the associated V2X service(s) from the existing PC5 QoS flow(s); or  Please add OPPO as co-signer.  SangMin, Monday, 5:58  I don’t have strong opinion on the use of “existing PC5 QoS flow(s)” except for case b. So I updated bullet c and d by removing redundant “existing PC5 QoS flow(s)” and also changed “in” to “of” as per your suggestion in bullet b. And I will add OPPO as co-signer.  Rae, Monday, 10:16  I am Ok with the SangMin’s proposal.  Yanchao, Monday, 12:01  Why bullet c) and d) are changed from  “c) modify existing PC5 QoS flow(s) for associating new V2X service(s) with the existing PC5 QoS flow(s);  d) modify existing PC5 QoS flow(s) for removing the associated V2X service(s) from the existing PC5 QoS flow(s); or”  to  “c) associate new V2X service(s) with the existing PC5 QoS flow(s);  d) remove the associated V2X service(s) from the existing PC5 QoS flow(s); or  SangMin, Monday, 15:17  @Yanchao: Rae commented that on the redundant use of “existing PC5 QoS flow(s)” in bullets b, c and d.  Yanchao, Monday, 15:47  I don’t think the text is redundant, each bullet is one type of modification type. Therefore I think the following wording is better:  b) modify existing PC5 QoS flow(s) for updating PC5 QoS parameters in the existing PC5 QoS flow(s);  c) modify existing PC5 QoS flow(s) for associating new V2X service(s) with the existing PC5 QoS flow(s);  d) modify existing PC5 QoS flow(s) for removing the associated V2X service(s) from the existing PC5 QoS flow(s); or  Rae, Monday, 15:59  I do not have a strong preference so I can live with keeping the existing PC5 QoS flow(s).  SangMin, Monday, 17:44  An updated draft revision is available.  Rae, Tuesday, 3:35  Ok for me. | |
|  |  | | [C1-203976](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203976.zip) | Mapping between V2X Service ID and PFI for a PC5 unicast link establishment | | | LG Electronics / SangMin | CR 0066 24.587 Rel-16 | Revision of C1-203540  SangMin, Tuesday, 8:56  The changes in the revision are:  - Removed the maximum number of V2X service identifiers included in a QoS flow description;  - a NOTE is added informing the selection of default destination layer 2 ID for unicast initial signalling when multiple V2X services are mapped to a destination layer-2 ID.  - Fixed some editorial errors  - More co-sourcing companies;  -----------------------------------------  Rae, Tuesday, 11:29   * Whether it is needed to limit the maximum number of v2x service identifiers since there is the length octet? * For clarification, the target UE interested in all the serives in the establishment request message will accept the request? * Considering there is the case that several services map to more than one L2 ID based on the configuration, a similar NOTE with the following NOTE in 23.287 can be added:   NOTE 3:  The same default Destination Layer-2 ID for unicast initial signalling can be mapped to more than one V2X service types. In the case where different V2X services are mapped to distinct default Destination Layer-2 IDs, when the UE intends to establish a single unicast link that can be used for more than one V2X service types, the UE can select any of the default Destination Layer-2 IDs to use for the initial signalling.  Sunghoon, Tuesday, 16:51  I agree with Rae, there is NO such limitation in stage 2 about the max number. The encoding should be made to accommodate variable number of V2X service IDs.  SangMin, Thursday, 10:03  @Sunghoon and Rae:  Regarding the maximum number, I agree that there’s no limitation in stage but as stage 3, we may define the maximum number for such a list type elements. If you don’t want to define it here, then I’ll remove the max number.  About Rae’s question, It is not clear in stage 2, but my understanding is that the target UE can partially accept the requested services in the direct link establishment request message. Although there are no V2X service identifier IE in the accept message, each QoS flow description will include associated V2X service identifier(s), which implicitly means that such services are accepted by the target UE.  For the suggested NOTE, I’m okay with adding the NOTE to TS 24.587.  Rae, Thursday, 10:30  My preference is to remove the limitation on the number of v2x services.  I am OK with the NOTE.  Another editorial comment:  In Figure 8.4.3.1, \* should be added to octet 11 and the subsequent octets.  Sunghoon, Thursday, 13:22  Thanks for taking the comment into account. The IE has Length field, so it should be Ok without the limitation of Max number.  SangMin, Friday, 8:41  A draft revision with the following changes is available:  - Removed the maximum number of V2X service identifiers included in a QoS flow description, as per comments from Sunghoon and Haorui.  - a NOTE is added as requested by Haorui.  - Fixed some editorial errors (added \* in the octet numbering)  Rae, Friday, 9:08  The draft revision is ok. Please add OPPO as co-signer.  SangMin, Friday, 9:32  I will add OPPO as co-signer.  Sunghoon, Friday, 11:36  Draft revision looks good. You may need to change coversheet too.  SangMin, Monday, 17:48  @Sunghoon: If I understand correctly, you mean that I need to update the reason for change by removing relevant text on maximum number of V2X service ID? (and also update the date field and so on..). I have done that in a draft revision and also added OPPO as co-sourcing company.  Sunghoon, Monday, 17:53  @SangMin: that is the correct understanding. | |
|  |  | | [C1-203977](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203977.zip) | V2X MO update for V2X over NR PC5 | | | LG Electronics, Huawei, HiSilicon / SangMin | CR 0021 24.385 Rel-16 | Revision of C1-203542  SangMin, Tuesday, 8:56  The changes from the previous version are:  Based on the update to agreed CR at C1#123e, which is CR0024 to TS 24.386, the following nodes are updated/introduced:   * PC5QoSMappingRule is updated to V2XServiceIDtoPC5QoSParametersMappingRule, and the child nodes are re-structured; * New V2XServiceIDtoDefaultModeOfCommunicationMappingRule node is added; * New NRPC5UnicastSecurityPolicies node is added.   ----------------------------------------------  Revision of C1-202756  Rae, Tuesday, 11:21  The CR itself is OK, but considering the application requirement have been removed from the input of QoS mapping rule in stage 2,  Whether it is possible to remove the application requirements in this CR to make the spec more accurate before freezed?  SangMin, Wednesday, 5:27  @Rae: Actually stage 2 updated the configuration parameters for NR-PC5 in the last meeting, and we also have a number of CRs in this meeting regarding it. Since this CR on is based on the status in the last meeting, I definitely need to update the CR accordingly during this meeting in order to align with 5GS before Rel-16 is frozen. But I think it will be better to wait until other CRs are stable enough.  As far as I know, the CRs have impact on the configuration parameters for NR-PC5 are (24.587 / 24.588 CRs respectively)  C1-203053 / 3054 (update V2X service ID to Tx profile mapping rules)  C1-203055, 3269 / 3056 (add “default mode of communication)  C1-203057 / 3058 (update the terminologies)  C1-203059 / 3060,61 (update QoS mapping rule as you mentioned)  C1-203119 / 3117 (add security policy)  C1-203273 (add a destination layer-2 ID converting mechanism for groupcast)  I’ll provide the draft aligned with those CRs soon. Also C1-203539 needs to be updated accordingly as it is based on this CR.  SangMin, Monday, 10:12  As I stated previously, the reason for revising this CR is that some CRs submitted to this meeting have impacts on the contents of this CR. The impacted CRs are:  - TS 24.587, CR0003 (C1-203119), introducing NR-PC5 unicast security policies;  - TS 24.587, CR0040 (C1-203055), introducing V2X service identifier to default mode of communication mapping rules  - TS 24.587, CR0042 (C1-203059), updating V2X service identifier to PC5 QoS parameters mapping rules  I updated the configuration parameter for NR-PC5 part in TS 24.386 to be aligned with the one in TS 24.287, with the CRs above.  For V2X MO, I also referred the following CRs for TS 24.588:  - CR0001 (draft rev of C1-203117), introducing NR-PC5 unicast security policies;  - CR0005 (draft rev of C1-203056), introducing V2X service identifier to default mode of communication mapping rules  - CR0007 (C1-203060), updating PC5 QoS mapping configuration;  If some of those CRs are not going forward, I’ll also update this CR and companion CRs for TS 24.385 and TS 24.386 accordingly (only if the revision deadline is not passed)  ------------------------------------------  Was agreed  Revision of C1-202161 | |
|  |  | | [C1-203979](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203979.zip) | DDF update for V2X over NR-PC5 | | | LG Electonics, Huawei, HiSilicon / SangMin | CR 0022 24.385 Rel-16 | Revision of C1-203539  SangMin, Tuesday, 8:56  The changes in the revision include:  Based on the update to agreed CR at C1#123e, which is CR0024 to TS 24.386, the following nodes are updated/introduced:   * PC5QoSMappingRule is updated to V2XServiceIDtoPC5QoSParametersMappingRule, and the child nodes are re-structured; * New V2XServiceIDtoDefaultModeOfCommunicationMappingRule node is added; * New NRPC5UnicastSecurityPolicies node is added.   ---------------------------------------------  SangMin, Monday, 16:57  I have no comment received so far on this CR, I would like to provide the draft revision of the CR.  As I stated for the revision of C1-203542 (the main update of V2X MO for supporting NR-PC5), the reason for revising this CR is that some CRs submitted to this meeting have impacts on the contents of this CR. So basically this CR incorporates the updates made to the revision of C1-203542. | |
|  |  | | [C1-203990](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203990.zip) | Addition of function for converting the group identifier to the destination Layer-2 ID | | | Huawei, HiSilicon / Vishnu | CR 0063 24.587 Rel-16 | Revision of C1-203457  --------------------------------------------------  Ivo, Tuesday, 9:33  - the new reference is not used - "ISO/IEC 10118-3:2004" is obsolete and was withdrawn by ISO. "ISO/IEC 10118-3:2018" replaced "ISO/IEC 10118-3:2004"  Sunghoon, Tuesday, 13:58  This CR is aligned with my paper (C1-203123) in terms of usage of hash function. Only difference is that C1-203123 proposes to use KDF (using SHA-256,  with NULL key) as specified in SA3 spec. IMO, It would better to have available 3GPP reference rather than reference to other SDO.  Yanchao, Tuesday, 15:58  How does UE get the SHA-256 hashing algorithm, pre-configured or configured by network?  Sunghoon, Wednesday, 12:25  @Yanchao: It is pre-configured, as it is well-known mechanism I don’t expect any variance.  Vishnu, Thursday, 19:59  @Ivo: I have updated the reference  @Sunghoon: The SA3 specification TS 33.220 itself refers to ISO/IEC 10118-3. And since it is purely a hash applied to a string input without any key being used, we think it is more clear and easier to implement using SHA-256 rather than HMAC-SHA-256.  (Also, since HMAC-SHA-256 is a cryptographic hash function, it includes extra operations)  @Yanchao: Yes, it is pre-configured  A draft revision is available.  Sunghoon, Friday, 12:02  It would have been better to me if I can listen more views from other company, but I’m fine with using ISO/IEC reference than KDF. I have proposed some changes to the draft revision, namely I’ve revised the text structure to be more clear   * Derivation of destination Id first * Then create the context for the destination L2 ID * pass optionally group size and member ID * add hard space for reference   Yanchao, Monday, 11:25  Could you please add a note to say that the use of SHA-256 hashing algorithm is pre-configured in the ME?  Rae, Monday, 14:46  The change under bullet b) overlaps with C1-203326, the revision of the agreed C1-202708.  The change under bullet b) can be removed.  Vishnu, Monday, 17:48  @Rae, I removed the conflicting changes from your CR.  @Yangchao, Added Note about the pre-configuration of SHA-256  @Sunghoon , thanks for the update. I have taken your suggestion on board.  A draft revision is available.  Sunghoon, Monday, 17:56 I am Ok with the draft revision.  Rae, Tuesday, 3:09  Ok for me.  Yanchao, Tuesday, 9:42  I am Ok with the draft revision. | |
|  |  | | [C1-203991](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203481.zip) | Updates to NR PC5 unicast link release procedure | | | Huawei, HiSilicon / Vishnu | CR 0065 24.587 Rel-16 | Revision of C1-203481  ---------------------------------------  Yanchao, Tuesday, 16:00  Change on change at the end of 1st sentence.  Vishnu, Friday, 11:40  Fixed in a draft revision. | |
|  |  | | [C1-204003](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204003.zip) | Correction of configuration of PC5 RAT selection and Tx profiles | | | Ericsson / Ivo | CR 0039 24.587 Rel-16 | Revision of C1-203053  SangMin, Tuesday, 3:43 Ok for me.  --------------------------------------------  Rae, Tuesday, 10:30  A PC5 RAT -> PC5 RAT(s), since one V2X service can be mapped to both RATs i.e. LTE and NR. Please note that in 23.287 “e.g.”is used.  Yanchao, Tuesday, 14:59  In clause 5.2.3 bullet f,  “)” is missing.  SangMin, Wednesday, 4:35  @Rae: a list of V2X service identifier to a PC5 RAT and Tx profiles mapping rules. Each mapping rule contains one or more V2X service identifiers, a PC5 RAT and Tx profiles corresponding to the PC5 RAT (i.e. either the Tx profiles for E-UTRA-PC5 or the Tx profiles for NR-PC5;  This is “a list”, where each rule element included in the list includes  - One or more V2X service identifiers  - One RAT  - One or more Tx profiles for the RAT  So “A” PC5 RAT seems correct.  Of course the list can contains multiple rules for both RATs.  Rae, Wednesday, 5:01  @SangMin: Based on the corresponding CR to 24.588, the value of PC5 RAT is only E-UTRA or NR, i.e. one RAT can be chosen for a v2x service.  In implementation, there can be two rules including the same v2x service which can use both RATs, such as:  Rule 1: v2x service 1 – E-UTRA;  Rule 2: v2x service 1 – NR.  When UE evaluates the mapping rule, UE matches Rule 1 and then stops, which means UE will never know the service can also be mapped to NR.  Yanchao, Wednesday, 6:03  In clause 5.2.3 bullet f,  “)” is missing.  Sunghoon, Wednesday, 6:48  Clauses affected need to be corrected.  Sunghoon, Wednesday, 11:10  @SangMin and Rae:  I think Rae’s point that “the value of PC5 RAT is only E-UTRA or NR, i.e. one RAT can be chosen for a v2x service” is correct understanding of stage 2 specification.  I haven’t seen any requirement or use case to set both PC5 RAT for a V2X service ID.  If rule-1 is not available, then rule-2 will be evaluated.  Ivo, Wednesday, 11:43  I have fixed the Clauses affected and missing “)”. Based on stage 2, IMO using “a PC5 RAT” is correct. A draft revision is available.  Christian, Monday, 17:48  I support the need of the CR but I still have a comment.  There is a related CR to TS 24.588 (initial C1-203054). As for the Tx profiles,  (1) the details are not be specified in TS 24.588 in which there is already an EN on this;  (2) the Tx profile for NR-PC5 is NOT agreed by RAN2 yet (not agreement on the Tx profile value in TS 38.331 yet). However, the format is almost same as Tx profile for E-UTRAN-PC5 as suggested in the last RAN2 meeting (i.e., R2-2003676). Hence, based on that CR then the length of Tx profile for NR-PC5 should be 1 octet, and the value part can be specified similarly as other RAN parameters.  Having said that, I believe that we could add the new bullet item from your CR as it is now and wait for RAN2 to complete their work to resolve the existing EN on Tx profiles encoding (in TS 24.588( rather than adding a new EN in TS 24.587. I do not see the need of having two EN as the issue left is only on encoding so to TS 24.588.  In short, we propose to remove the new EN from your revision of C1-203053.  Ivo, Monday, 20:52  if I understood it correctly, the proposal is:  1) to remove the editor's note from C1-203053 (while keeping the editor's note in C1-203054).  2) to have \*single\* Tx profile per rule.  Is that correct understanding?  If so:  1) is OK with me.  2) this deviates from 24.385, where v2x-TxProfileList is configured. I can live with this but if someone has an issue please let me know  A draft revision is available.  Christian, Monday, 22:31  There is a misunderstanding. I did not mention that there will be a single Tx profile. In my view, there can be multiple but each Tx profile (value) seems to be required to have one 1 octet of length. In any case, I am not aware of the what RAN2 will agree to have in TS 38.331 about the Tx profile(s). We can just make assumption based on existing TS 36.331. In short, my comment to your CR was to remove the editor’s note from C1-203053 (to TS 24.587). I was also searching if you know what the situation was in RAN2 about all this.  Ivo, Monday, 23:47  I have rolled back the changes related to Tx profile and removed the editor’s note. The revision was submitted in C1-204003. | |
|  |  | | [C1-204004](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204004.zip) | Correction of coding of configuration of default mode of communication | | | Ericsson / Ivo | CR 0005 24.588 Rel-16 | Revision of C1-203056  --------------------------------------------  Sunghoon, Thursday, 11:48  There is typo – D**C**M field -> D**M**C field. (or it can be the other way around).  Ivo, Thursday, 12:40  I agree. Fixed in a draft revision.  Sunghoon, Friday, 12:10  I am Ok with the draft revision. | |
|  |  | | [C1-204005](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204005.zip) | Correction of PC5 RAT names | | | Ericsson / Ivo | CR 0041 24.587 Rel-16 | Revision of C1-203057  ----------------------------------------------  Sunghoon, Thursday, 11:55  This CR category should be D or F rather than C.  Also, for example, “the initiating UE is either authorised for V2X communication over PC5 in NR-PC5”, the red part seems duplicated, but I’m ok with it as long as it has consistency.  Ivo, Thursday, 17:04  Cat F is Ok. From my point of view, the feature is called "V2X communication over PC5" and "in NR-PC5" refers to a particular RAT. So, "V2X communication over PC5 in NR-PC5" is correct. A draft revision is available with the Cat changed to F. | |
|  |  | | [C1-204006](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204006.zip) | Correction of coding of PC5 RAT names | | | Ericsson / Ivo | CR 0006 24.588 Rel-16 | Revision of C1-203058  ---------------------------------------------  Sunghoon, Wednesday, 10:51  I believe this CR is Cat.D or Cat.F  Ivo, Wednesday, 11:02  Draft revision with Cat. changed to F is available. | |
|  |  | | [C1-204007](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204007.zip) | Correction of PC5 QoS mapping configuration | | | Ericsson / Ivo | CR 0042 24.587 Rel-16 | Revision of C1-203059  ----------------------------------------------  Christian, Monday, 17:41  I do support the CR as it aligns with agreed SA2 requirements and would like to co-sign but I fail to see this CR as category "C" but "F". Can you please revise the category of the CR?  Ivo, Monday, 20:07  Fixed as commented. A draft revision is available. | |
|  |  | | [C1-204008](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204008.zip) | Correction of coding of PC5 QoS mapping configuration | | | Ericsson / Ivo | CR 0007 24.588 Rel-16 | Revision of C1-203060  ------------------------------------------  Sunghoon, Thursday, 12:00  Editorial: in Figure, 5.3.1.46, in the first octet, ‘contents’ should be removed.  Ivo, Thursday, 12:47  Usage of "Length of .... contents" is a regular phrase in TLV or TLV-E IEs definition for instance in TS 24.501. And the "Length of .... contents" phrase is also used in other codings in 24.588. Why should Figure 5.3.1.46 deviate?  Sunghoon, Friday, 12:09  Sorry for confusion. I thought fig 43 and 46 have same title. But I can see the difference now (rules, rule).  Christian, Monday, 17:39  I fail to see this CR as category "C" but "F". Can you please revise the category of the CR?  Ivo, Monday, 20:12  Cat F is ok with me. A draft revision is available. | |
|  |  | | [C1-204009](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204009.zip) | Correction in coding of PC5 QoS profile | | | Ericsson / Ivo | CR 0008 24.588 Rel-16 | Revision of C1-203061  -----------------------------------------------  Sunghoon, Thursday, 12:02  It seems CR category should be F rather than C.  Ivo, Thursday, 12:51  category F is OK with me. A draft revision is available.  Sunghoon, Friday, 12:04  I am Ok with the draft revision. | |
|  |  | | [C1-204010](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204010.zip) | Correction of coding of validity timers | | | Ericsson / Ivo | CR 0009 24.588 Rel-16 | Revision of C1-203063  ---------------------------------------------  SangMin, Tuesday, 9:30  This CR is conflicting with C1-203554 from Huawei. We are generally fine with both, but prefer to move forward with C1-203063 from Ericsson, because the 40 bits UTC time value has been used for the validity timer value for V2X in EPC. So it would be better to use same coding value for consistency, and for interworking with EPC.  Christian, Monday, 17:27  We agree to merge our CR in C1-203554 into a revision of C1-203063 and to co-sign the revision. We provided changes in a draft revision of C1-203063.  Ivo, Monday, 20:27  I agree with the changes. A draft revision is available. | |
|  |  | | [C1-204017](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204017.zip) | Editor's note on security of V2X over Uu | | | Ericsson / Ivo | CR 0044 24.587 Rel-16 | Revision of C1-203083  ------------------------------------------------  Sunghoon, Thursday, 12:30  It seems it is Cat.F CR.  Ivo, Thursday, 12:57  category F is OK with me. A draft revision is available. | |
|  |  | | [C1-204025](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204025.zip) | Correction of coding of configuration of PC5 RAT selection and Tx profiles | | | Ericsson / Ivo | CR 0004 24.588 Rel-16 | Revision of C1-203054  ---------------------------------------------  Sapan, Tuesday, 21:28  \*\* Background \*\*  Fig 5.3.1.12 – contains field “Length of V2X service identifier to PC5 RAT and Tx profiles mapping rules contents”  (Notice the highlighted part)  Fig 5.3.1.13 – contains field “Length of V2X service identifier to PC5 RAT and Tx profiles mapping rule contents”  \*\* Comment \*\*  In Table 5.3.1.13 – “If the length of V2X service identifier to PC5 RAT and Tx profiles mapping rule contents field indicates a length bigger than indicated in figure 5.3.1.13, ….. “  The field “length of V2X service identifier to PC5 RAT and Tx profiles mapping rule contents” is defined in figure 5.3.1.13 only. Which comparison we are describing here? I believe we need to compare length with the field present in figure 5.3.1.12. Please correct it if you agree.  SangMin, Wednesday, 4:30  - The max number of Tx profiles in the TxProfileList as defined in 36.331 is 256 and each profile seems to require no more than 1 octet each, which means the max length can be no more than 256 octets. So I guess that the “Length of E-UTRA-PC5 Tx profiles” and “Length of NR-PC5 Tx profiles” can be just 1 octet each. We don’t have strong view but  - the title of table 5.3.1.13 is V2X service identifier to PC5 RAT and Tx profiles mapping rules, but this should be “~ mapping rule” instead of “~ mapping rules” so if this is revised can you fix this?  - Can you slightly re-word the EN after table 5.3.1.13 as follows to clarify that EN is due to RAN2 dependency?  “Editor's note: length and coding of Tx profiles for NR-PC5 is FFS as it depends on RAN2 agreement of Tx profile for NR-PC5.”  Ivo, Wednesday, 12:11  @Sapan: text is CR is correct except that Table 5.3.1.13 has incorrect title.  @SangMin: I put there the length indicator of 2 octets to enable providing the TxProfileList of 256 octets (length indicator of 1 octet enables value of at maximum 255 octets).  The TxProfileList of 256 octets may be just a theoretical possiblity which will never happen in reality.  I do not have a strong view here.  I have change “Length of E-UTRA-PC5 Tx profiles” and “Length of NR-PC5 Tx profiles”  to one octet.  If anyone sees a problem with it, let me know. I accept all other comments from SangMin.  A draft revision is available. Main changes:  - title of Table 5.3.1.13 corrected  - Length of E-UTRA-PC5 Tx profiles and Length of NR-PC5 Tx profiles are 1 octet long  - editor's note is extended with statement that "it depends on RAN2 agreement of Tx profile for NR-PC5"  Sapan, Thursday, 12:12  Thanks Ivo for clarification. Now, I understood that the comparison is with Octet oX2. I do not have further comment.  SangMin, Friday, 16:48  I am Ok with the draft revision.  Christian, Monday, 17:50  There is a related CR to TS 24.587 in C1-203053. As per comments to C1-203053, Tx profile for NR-PC5 is NOT agreed by RAN2 yet so that part cannot be progressed in this meeting UNLESS the CR is conditional to an existing RAN2 CR for upcoming RAN2 meeting. Both CRs need to be on the table so CT1 and RAN2 are in-sync.  Ivo, Monday, 21:31  I have updated the CR as per the changes made to C1-203053 based on Christian’s comments. The changes are rather extensive so please check.  A draft revision is available. Main changes:  - "V2X service identifier to PC5 RAT and Tx profiles mapping rule" -> "V2X service identifier to PC5 RAT and Tx profile mapping rule", as only one Tx profile is configured  - the E-UTRA-PC5 Tx profile field has fixed length of 1 octet and is coded as SL-V2X-TxProfile. The Length of E-UTRA-PC5 Tx profile field is removed  - The Length of NR-PC5 Tx profile field and the NR-PC5 Tx profile field are removed  Christian, Monday, 22:32  There is a misunderstanding about my comments on C1-203053. I did not mean that there will be a single Tx profile.  Ivo, Monday, 23:55  I have rolled back the changes related to single Tx profile. The revision was submitted in C1-204025. | |
|  |  | | [C1-204026](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-204026.zip) | Correction of configuration of default mode of communication | | | Ericsson / Ivo | CR 0040 24.587 Rel-16 | Revision of C1-203055  ---------------------------------------------  Sunghoon, Thursday, 11:45  Clauses affected in the coversheet should be corrected to 5.2.3.  Ivo, Thursday, 12:34  I agree. Fixed in a draft revision. | |
|  |  | | C1-204064 | Modification of the Link Release procedure | | | InterDigital Communications | CR 0048 24.587 Rel-16 | Withdrawn (allocated by mistake) | |
|  |  | | [C1-204077](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204077.zip) | Adding the missing clause affected in the cover sheet | | | Huawei, HiSilicon / Chen | CR 0025 24.587 Rel-16 | Revision of C1-203578  --------------------------------------  Revision of C1-202730  Ivo, Tuesday, 9:33  Title is misleading  Chen, Tuesday, 9:47  @Ivo: This CR just resolve the issues on the cover sheet raised by Frederic after last meeting.  Frederic, Tuesday, 16:06  @Chen: your new CR is a revision of C1-202730 (“Corection for the target user info in the DIRECT LINK ESTABLISHMENT REQUEST message”).  In this revision, you added the clauses affected, but the rest of the changes remain. Therefore, it would be better to keep the previously used title.  Chen, Wednesday, 5:30  A draft revision is available with the previous title.  ----------------------------------------  Was agreed  **Needs revision**, missing clauses afftected  Revision of C1-202316 | |
|  |  | | [C1-204079](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204079.zip) | Group size and menber ID from application layer for groupcast | | | OPPO / Rae | CR 0011 24.587 Rel-16 | Revision of C1-203326  Rae, Tuesday, 4:36  In the revision, I have removed the EN added at last meeting.  -------------------------------------  Revision of C1-202708  Rae, Monday, 14:39  An agreement for converting the group identifier to the destination L2 ID seems to be achieved during the discussion for C1-203123, C1-203273, C1-203457.  In this C1-203326, there is an EN which was introduced in the last meeting. I will remove this EN and the change to the bullet 3) in a revision.  ------------------------------------  Was agreed  Revision of C1-202119 | |
|  |  | | [C1-204080](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204080.zip) | Modification of the Link Release procedure | | | InterDigital Communications | CR 0048 24.587 Rel-16 | Revision of C1-203217  Behrouz, Monday, 2:57  I took onboard Rae’s request and added the word “new” before MSB and LSB.  Yanchao, Monday, 4:39  My question is very simple:  if the UE only stores the  KNRP and KNRP ID, how the UE know this “ KNRP and KNRP ID” is for target UE A, not for target UE B?  ------------------------------------  Ivo, Tuesday, 9:33  Since MSB and LSB contain several bits, "MSBs" and "LSBs" should be used instead.  Rae, Tuesday, 10:23  - MSB of KNRP ID in 6.1.2.4.2 -> the newly allocated MSB of KNRP ID. “MSB of KNRP ID” can misleading that the UE may still use the same one, which does not align with SA3 requirement;  - Same comment to LSB of KNRP ID in 6.1.2.4.3.  Yanchao, Tuesday, 15:23   1. Missing linkage to the agreed SA3 paper in the cover page 2. The target/initiating UE **may** include the new KNPR ID in the link establishment request. Question is: why the UE **shall** conform the new KNPR as the PC5 link context will be deleted after the release procedure.   Behrouz, Wednesday, 3:11  @Ivo: see my replies on C1-203402 and C1-203142.  Behrouz, Wednesday, 3:22  @Rae: I fail to understand your comments. Could you clarify please?  Rae, Wednesday, 4:54  @Behrouz: If I understand correctly, the included MSB and LSB of Knrp ID is newly allocated by two UEs, not the existing ones.  So I think it is better to clearly say “the newly allocated MSB of Knrp ID” in the CR.  Behrouz, Wednesday, 5:07  @Rae: I am OK with adding “new” and making it clearer in the revision of the CR.  Behrouz, Thursday, 5:58  @Yanchao:   1. Yes, we can definitely add the linkage to the agreed SA3 CR. 2. It is not a new KNRP but a new KNPR ID that identifies an existing KNRP.  KNPR ID may be sent in a DIRECT LINK ESTABLISHMENT REQUEST message, as agreed during last meeting in C1-202875 (revised in C1-203120 in this meeting). Also, as state in TS33.536 section 5.3.3.1.2.1, the KNRP and KNRP ID may be kept even if the unicast link is released *“KNRP may be kept even when the UEs have no active unicast communication session between them. The KNRP ID is used to identify KNRP”* This means that the new KNRP IDexchanged on the Link Release messages is kept even if there is no active unicast link between the 2 peer UEs. This KNRP ID may then be used on the next Link Establishment Req.” | |
|  |  | | [C1-204095](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-204095.zip) | NR PC5 unicast security policy provisioning | | | Qualcomm Incorporated, Ericsson | CR 0001 24.588 Rel-16 | Revision of C1-203117  ---------------------------------------------  Revision of C1-202106  SangMin, Wednesday, 4:45  Proposed change in clause 3.1 overlaps with the proposed change in C1-203058. Since C1-203058 mainly focusses on the terminology issue, it would be better to handle the definition in 3058 and remove the overlap from this CR (3117).  Sunghoon, Wednesday, 10:47  Ok to remove change in clause 3.1 from C1-203117.  Sunghoon, Friday, 8:37  A draft revision with the change to clause 3.1 removed is available.  SangMin, Tuesday, 4:04  I am Ok with the draft revision. | |
|  |  | | [C1-204097](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203118.zip) | Adding general subclause on security of PC5 signalling messages | | | Qualcomm Incorporated / Sunghoon | CR 0005 24.587 Rel-16 | Revision of C1-203118  ---------------------------------------------  Revision of C1-202877  Christian, Friday, 13:14   1. the reason for change seems to focus only in 3 agreed SA3 CRs but the relevant stage 2 on security (TS 33.536) has been updated (v1.2.0) with further relevant CRs during the SA3#99e meeting; 2. under clause 5.3.3.1.4.2.3 on Security policy handling quote;   NOTE 2: Ensuring that only a connection with security is used for a V2X service is guaranteed if the signalling integrity security policy of at least one of the UEs for that V2X service is set to REQUIRED. It is recommended to set this security policy to REQUIRED in order to guarantee security protection.   1. Hence, the use of integrity protection and ciphering over a PC5 unicast link is optional but actually recommended based on security requirements in TS 33.536.   In short, we would like to see a revision of the CR considering our comments above.  Sunghoon, Friday, 15:50   1. I can update coversheet to refer CR S3-201338, which is basically TS 33.536 v1.2.0 2. I can move the text for optionality to normative text, and put the recommendation in the NOTE.   I will update and distribute the draft later.  Sunghoon, Monday, 5:29  A draft revision is available.  Christian, Monday, 9:40  I am Ok with the draft revision.  ---------------------------------------  Was Agreed  Revision of C1-202108 | |
|  |  | | [C1-204099](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-204099.zip) | PC5 unicast link security establishment | | | Qualcomm Incorporated / Sunghoon | CR 0002 24.587 Rel-16 | Revision of C1-203120  ----------------------------------------------  Revision of C1-202875  Ivo, Tuesday, 9:33  - there are changes-on-changes - 6.1.2.6.1 last sentence - this seems to be in wrong place. This subclause describes how PC5 unicast link authentication procedure is done, not whether the procedure is mandatory or optional.  Rae, Tuesday, 9:35   * “shall” in bullet d) in 6.1.2.2.2 should be the existing context in spec; * Why including Key establishment container depends on integrity policy, instead of cipher policy? * “in in subclause 6.1.2.7”: one of the in should be deleted; * “If signalling integrity protection is not activated based on the decision of the initiating UE, this procedure shall be skipped.” Why signaling integrity protection; * “the initiating UE wishes to derive a new KNRP, derive a new KNRP” -> “the initiating UE derives a new KNRP”, similar with the one in subclause 6.1.2.7.2 since this bullet is to describe the condition; * “REKYING” -> ”REKEYING”; * In 6.1.2.7.3, bullet c) and d) can be two sub-bullets under the a bullet to describe the condition for triggered by establishment procedure; * “only” should be removed to align with another agreed CR in last meeting; * In 6.1.2.7.5, there is a cause value: #b: Integrity failure. However, based on C1-203118, if UE receives SMC with integrate failure, UE should discard the message, which means UE will not send SMR? * The format of some mandatory parameters in the table of the messages is “TV” but T should be removed;   Yanchao, Tuesday, 15:12  Change on change at the end of  second bullet b) in subclause 6.1.2.7.3.  Sunghoon, Wednesday, 7:03  @Yanchao: I will remove changes on changes.  @Ivo: IMO It is harmless to describe the general condition that the procedure shall be skipped.  If you are not comfortable with it, I will add a condition in 6.1.2.6.2 before a). (should be new ‘a)’ so.)  Would it be acceptable?  Sunghoon, Wednesday, 7:39  Provides answers to Rae’s comments.  Ivo, Wednesday, 12:25  condition in 6.1.2.6.2 before a) is more appropriate.  Or keep it in 6.1.2.6.1 and make it informative.  Sapan, Wednesday, 12:43  @Sunghoon: As per text in S3-201454:  "The key establishment procedures in this clause shall be skipped if signalling integrity protection is not activated based on the decision of receiving UE of this PC5 unicast link."  To align with above text – Can you please change the last line of clause 6.1.2.6.1 as follows:  “If signalling integrity protection is not activated based on the decision of the ~~initiating UE~~ the target UE of PC5 unicast link establishment procedure, this procedure shall be skipped.”  Sunghoon, Wednesday, 17:50  @Sapan: thanks for your comment, I will capture your suggestion and distribute the draft revision tomorrow.  Sunghoon, Friday, 9:12  A draft revision with the following changes is available:   * Thanks to Rae and Yanchao, I’ve corrected editorial. * As Ivo suggested, I’ve moved the condition to 6.1.2.6.2 with changing to “if signaling integrity protection is activated ~~” on the first sentence. * To Sapan, the target UE in SA3 spec is the initiating UE in ours. (please see S3-201454 procedure flow diagram)   ----------------------------------------  Was agreed  Revision of C1-202104 | |
|  |  | | [C1-204101](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-204101.zip) | PC5 unicast link re-keying procedure | | | Qualcomm Incorporated / Sunghoon | CR 0004 24.587 Rel-16 | Revision of C1-203124  ---------------------------------------------  Revision of C1-202876  Christian, Friday, 13:25   1. the CR proposes to add the condition for the initiation of PC5 unicast link re-keying procedure initiation in new clause 6.1.x.2, quote;  6.1.2.x.2                      PC5 unicast link re-keying procedure initiation by the initiating UE The initiating UE shall meet the following pre-condition before initiating the PC5 unicast link re-keying procedure:  a)   there is a PC5 unicast link between the initiating UE and the target UE.   1. however, the proposed pre-condition to meet before initiating the procedure seems not to be not enough. It seems that a UE can trigger the re-keying procedure at any time if there is a link between two UEs. This  procedure is very similar to the one for ProSe (in TS 24.334) and we believe that similar pre-condition with regards to the keys (expiry and refresh) are also needed to be listed.   In short, we would like to see a revision of the CR considering our comments above.  Sunghoon, Monday, 5:35  @Christian: I have accepted your comments, a draft revision is available.  Christian, Tuesday, 9:41  I am Ok with the draft revision.  -----------------------------------------------  Was agreed  Revision of C1-202107 | |
|  |  | | [C1-204103](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203291.zip) | Timer values for timers of the PC5 unicast link management procedures | | | Huawei, HiSilicon /Christian | CR 0023 24.587 Rel-16 | Revision of C1-203291  -------------------------------------  Revision of C1-202773  Christian, Tuesday, 9:02  We got an offline comment that 15s for T5000 could undesirable be too long for waiting for the completion of the PC5 unicast link establishment procedure.  We have checked this once more and we believe that if the UE needs to wait for a total of 15 seconds to find out that a PC5 unicast link cannot be established (suppose the worst situation here) and then re-try, then the re-try seems useless for the UE which runs V2X services in 5GS.  We agree that T5000 needs to be larger than the sum of the new timers which control the PC5 unicast link authentication procedure timer and the PC5 unicast link security mode control procedure. However, we believe that half a second or 1 second should provide sufficient time for completing the PC5 unicast link authentication procedure or the PC5 unicast security mode control procedure. Hence, we propose to go for a T5000 value of 8s and values of 2s (which is already long) for the new timers.  A draft revision is available.  --------------------------------------  Was agreed  Revision of C1-202598  Revision of C1-202225 | |
|  |  | | [C1-204128](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203272.zip) | Encoding of link identifier update messages and parameters | | | vivo, InterDigital, CATT | CR 0018 24.587 Rel-16 | Revision of C1-203272  ----------------------------------------------  Revision of C1-202743  Ivo, Tuesday, 9:33  Since MSB and LSB contain several bits, "MSBs" and "LSBs" should be used instead.  Christian, Friday, 11:09  We have got the following comments to the CR in C1-203272. Note that we have already provided comments to the related OUT LS in C1-203288 which we object in similar terms:   1. C1-203272 is revision of agreed CR in C1-202186 from last e-meeting. We consider that a revision of the agreed CR is beneficial only if aligns with all necessary security requirements as specified in TS 33.536; 2. C1-203272 removes the editor’s notes proposed by agreed CR in C1-202186 which were added in order to later align with security requirements, quote from clauses 7.3.a.1, 7.3.b.1 and 7.3.c.1; same editor’s note in all:   Editor's note:  The contents of the security establishment information are FFS.   1. C1-203272, while removing the editor’s notes from C1-202186, actually fails to align with all security requirement specified in the latest version of TS 33.536; 2. Particularly, the inclusion of target layer-2 ID in the DIRECT LINK IDENTIFIER UPDATE ACCEPT message which is proposed optional but is mandatory in TS 33.536. This means that C1-203272 fails to completely align with security requirements whereas editor’s notes are removed. This means that implementation based on TS 24.587 would fail to align with security requirements.   In short, we believe that the CR needs to be revised and made aligned with security stage 2 requirements so that CT1 can agree with it.  Yanchao, Friday, 12:11  @Christian: To me all the 4 comments are basically the same comment. As Behrouz said in another email for C1-203219, I prefer not to make any changes for now and wait for the outcome of the parallel discussions we are having.  Yanchao, Tuesday, 9:45  A draft revision with an Editor’s note added is available.  --------------------------------------  Was agreed  Revision of C1-202186 | |
|  |  | | [C1-204148](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203634.zip) | Adding the new V2X message family | | | CATT | CR 0068 24.587 Rel-16 | Revision of C1-203634  -------------------------------------------------  Ivo, Tuesday, 9:33  - not clear what the souce companies are  - changes on changes  - is the document publicly available?  Christian, Tuesday, 19:43  We are supportive to the proposal, so please add Huawei and HiSilicon to the CR with the following comments from our side:   1. we do not see the need of adding an “Application Identifier (AID)”; and 2. the reference to CCSA is not sufficient. We believe that besides that reference, we should add YD/T 3707-2020, YD/T 3709-2020 too.   Christian, Thursday, 11:54  We have noticed that Scott already removed the AID (before submission) and the current reference in the CRs to YD/T 3707-2020 could be sufficient, so please, just add both Huawei and HiSilicon to the CR. We support the CR.  Scott, Thursday, 15:39  I will add Huawei and HiSilicon in the next revision version. | |
|  |  | | [C1-204158](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203942.zip) | Handling of PC5 unicast QoS flow match and establishment | | | vivo, Huawei, HiSilicon, Ericsson | CR 0020 24.587 Rel-16 | Revision of C1-203942  Yanchao, Tuesday, 13:42  The only change in the revision is to un-highlight some text.  -----------------------------------------  Revision of C1-203270  ------------------------------------------  Revision of C1-202745  Yanchao, Tuesday, 5:38  A draft revision is available. The change is made for alignment with C1-203271 and its revision, based on the following comment from Chen:  “Regarding the 2nd change, the idea is valid, but the change in sub-clause 6.1.3.2.1.2 “create one or more PC5 QoS rule(s)” is not valid as this procedure is triggered by one request from upper layers, and one request needs only one PC5 QoS rule.”  ------------------------------------------  Was Agreed  Revision of C1-202188 | |
|  |  | | [C1-204159](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203943.zip) | Handling of PC5 broadcast QoS flow match and establishment | | | vivo, Ericsson | CR 0021 24.587 Rel-16 | Revision of C1-203943  Yanchao, Tuesday, 13:44  The only change in the revision is to un-highlight some text.  -----------------------------------------  Revision of C1-203271  -----------------------------------------  Revision of C1-202914  Chen, Thursday, 5:00   * Regarding the 2nd change, the idea is valid, but the change in sub-clause 6.1.3.2.1.2 “*create one or more PC5 QoS rule(s*)” is not valid as this procedure is triggered by one request from upper layers, and one request needs only one PC5 QoS rule. * The 3rd change to delete the EN is already agreed in the last meeting (C1-202844).   Yanchao, Friday, 12:26  @Chen: Regarding what you said “one request needs only one PC5 QoS rule”, I am thinking whether the following scenario is valid:  - one request from upper layers, which triggers establishment of two PC5 QoS flow, each requires a PC5 QoS rule; For example some application data is voice and other application data is text.  Chen, Monday, 5:36  @Yanchao: In subclause 6.1.3.2.1.1, the request from upper layers only includes one V2X message (a V2X message identified by a V2X service identifier), and this V2X message is a data entity for V2X NAS layer, the V2X NAS layer does not need to know which type of data it is (e.g. text or image). If it is two different types of data, which requires different QoS, then it is two requests corresponding to two different V2X messages. And I could not find corresponding requirements in Stage#2.  Yanchao, Monday, 8:48  @Chen: Thanks for the clarification. An updated draft revision is available.  Chen, Monday, 9:11  @Yanchao: The 3rd change to delete the EN is already agreed in the last meeting (C1-202844).  Yanchao, Tuesday, 5:34  A draft revision is available with the EN un-deleted.  -----------------------------------------------  Was Agreed  Revision of C1-202910  Revision of C1-202900  Revision of C1-202899  Revision of C1-202746  Revision of C1-202189 | |
|  |  | | [C1-204173](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203219.zip) | Defining new parameters needed for the Link Identifier Update procedure | | | InterDigital Communications | CR 0028 24.587 Rel-16 | Revision of C1-204084  Behrouz, Tuesday, 14:25  In the revision, the deletion of “and decides to change its identifier” has been reverted.  ----------------------------------------  Revision of C1-203219  Behrouz, Tuesday, 5:43  Based on the discussion during the CT1 conference call, in the revision I have added an Editor’s note.  Yanchao, Tuesday, 9:06  The deletion of “and decides to change its identifier” needs to be reverted.  Yanchao, Tuesday, 9:35  To be clear, I will object to C1-204084 and C1-202930 (agreed at CtT#123-e) if the deletion of “and decides to change its identifier” is not reverted.  Sunghoon, Tuesday, 10:06  @Behrouz: If you revert the deletion what Yanchao said, or move the EN to the below of bullet a) with revising “Whether the target UE can make a decision not to change its layer 2 identifier is FFS”, it will be fine with me.  -----------------------------------------------  Revision of C1-202930  Ivo, Tuesday, 9:33  Since MSB and LSB contain several bits, "MSBs" and "LSBs" should be used instead.  Yanchao, Tuesday, 15:34   1. The condition about whether the target UE has the privacy configuration is not right. The reason is: no matter the target UE has privacy configuration or not, the UE shall always create the accept message to respond to the initiating UE. 2. The deletion of the condition “and decides to change its identifiers” is not aligned with the SA2 requirement in TS23.287:   “*Upon reception of the Link Identifier Update Request message, based on privacy configuration as specified in clause 5.1.2.1, UE-2 may also decide to change its identifier(s).*  ….”   1. For “a)     **shall** include the target UE’s new layer 2 ID assigned by itself;”,  “shall” should be “may”. 2. In 6.1.2.5.3, for bullet f), “source UE’s” is missing.   Behrouz, Wednesday, 3:10  @Ivo: see my replies on C1-203402 and C1-203142.  Behrouz, Wednesday, 3:44  @Yanchao: We already have responded to the comments you have made here prior to this meeting when you and I had offline email exchange on this. Everything is related to whether we (CT1) should base our work on the agreement from security experts, i.e. SA3, or rely on unfinished/incomplete discussions at SA2. We decided to go with the first assumption in this paper as we believe that SA3 should have (and has) the final say on the security aspects of this procedure.  Sunghoon, Wednesday, 14:26  I would like to keep the condition “and decides to change its identifier” and remain ‘shall’ in bullet a), just to keep the text works correctly.  After resolution of SA2/SA3 misalignment, we can change the condition further.  Yanchao, Wednesday, 17:17  We second the comment from Sunghoon to keep the condition the condition “and decides to change its identifier”.  Besides I cannot understand why the target UE has to change its ID, especially considering the case when the target UE has no privacy configuration.  Behrouz, Wednesday, 21:42  @Sunghoon: I prefer not to make any changes for now and wait for the outcome of the parallel discussions we are having.  --------------------------------------  Was agreed  Revision of C1-202870 | |
|  |  | |  |  | | |  |  |  | |
|  | RACS (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of optimizations on UE radio capability signalling  100% | |
|  |  | | C1-202693 | RACS parameters in generic UE configuration procedure | | | Ericsson / Mikael | CR 2078 24.501 Rel-16 | Agreed  Revision of C1-202233 | |
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|  |  | | [C1-203223](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203223.zip) | Discussion on registration/TAU procedures to signal UE radio capability ID triggered by move to ePLMN | | | Qualcomm Incorporated / Lena | discussion Rel-16 |  | |
|  |  | | [C1-203224](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203224.zip) | Avoiding too frequent registration procedures due to signalling of UE radio capability ID | | | Qualcomm Incorporated / Lena | CR 2241 24.501 Rel-16 |  | |
|  |  | | [C1-203225](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203225.zip) | Avoiding too frequent tracking area updating procedures due to signalling of UE radio capability ID | | | Qualcomm Incorporated / Lena | CR 3374 24.301 Rel-16 |  | |
|  |  | | [C1-203495](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203495.zip) | Correction of RACS ID deletion via UCU | | | Ericsson / Mikael | CR 2328 24.501 Rel-16 |  | |
|  |  | | [C1-203708](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203708.zip) | Correction on UE radio capability ID availability IE name | | | Huawei, HiSilicon/Lin | CR 3411 24.301 Rel-16 |  | |
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|  | 5G\_SRVCC (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of single radio voice continuity from 5GS to 3G  100% | |
|  |  | | C1-202638 | Initial Registration after 5G-SRVCC | | | ZTE, China Unicom | CR 2115 24.501 Rel-16 | Agreed  Revision of C1-202529 | |
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|  | xBDT (CT3 lead) | |  | Peter – Main | | |  |  | CT aspects on 5GS Transfer of Policies for Background Data  100% | |
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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 | |
|  |  | | [C1-203226](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203226.zip) | Unified access control is not applicable to a UE operating as IAB-node | | | Qualcomm Incorporated / Lena | CR 2242 24.501 Rel-16 |  | |
|  |  | | [C1-203512](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203512.zip) | UAC and IAB-MT | | | Nokia, Nokia Shanghai Bell | CR 2335 24.501 Rel-16 |  | |
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|  | 5GS\_OTAF (CT4 lead) | |  | Peter – Main | | |  |  | 5GS Enhanced support of OTA mechanism for UICC configuration parameter update | |
|  |  | | [C1-203557](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203557.zip) | SP-AF services | | | Nokia, Nokia Shanghai Bell | CR 0554 23.122 Rel-16 |  | |
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|  | 5G\_URLLC (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of CT Aspects of 5G URLLC | |
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|  | SEAL | |  | Lena – Breakout | | |  |  | CT aspects of Service Enabler Architecture Layer for Verticals  Is TS 24.548 sufficiently stable to be sent to CT#88 for approval? | |
|  |  | | [C1-202137](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202137.zip) | Updates to User Authentication Client (SIM-C) procedure | | | Intel / Vivek | CR 0001 24.547 Rel-16 | Agreed | |
|  |  | | [C1-202138](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202138.zip) | Updates to User Authentication Server (SIM-S) procedure | | | Intel / Vivek | CR 0002 24.547 Rel-16 | Agreed | |
|  |  | | [C1-202319](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202319.zip) | IANA registration template of SEAL location management | | | Huawei, HiSilicon / Chen | CR 0001 24.545 Rel-16 | Agreed | |
|  |  | | [C1-202320](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202320.zip) | Removal of editor’s note on MIME types | | | Huawei, HiSilicon / Chen | CR 0002 24.545 Rel-16 | Agreed | |
|  |  | | [C1-202321](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202321.zip) | Resolution of editor's note on application unique ID | | | Huawei, HiSilicon / Chen | CR 0003 24.545 Rel-16 | Agreed | |
|  |  | | [C1-202322](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202322.zip) | Structure and data semantics for query list of users based on location procedure | | | Huawei, HiSilicon / Chen | CR 0004 24.545 Rel-16 | Agreed | |
|  |  | | [C1-202447](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202447.zip) | SIP based subscribe/notify procedures for SEAL group management | | | Samsung / Sapan | CR 0001 24.544 Rel-16 | Agreed | |
|  |  | | [C1-202449](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202449.zip) | Indication from SGM-S to SGM-C about group join required | | | Samsung / Sapan | CR 0003 24.544 Rel-16 | Agreed | |
|  |  | | [C1-202450](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202450.zip) | SIP based subscribe/notify procedures for configuration management | | | Samsung / Sapan | CR 0001 24.546 Rel-16 | Agreed | |
|  |  | | C1-202809 | Removal of Editor’s notes | | | Samsung / Sapan | CR 0002 24.544 Rel-16 | Agreed  Revision of C1-202448 | |
|  |  | | C1-202810 | Removal of Editor’s notes. | | | Samsung / Sapan | CR 0002 24.546 Rel-16 | Agreed  Revision of C1-202451 | |
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|  |  | | [C1-203435](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203435.zip) | Latest reference version of draft TS 24.548 | | | Huawei, HiSilicon /Christian | draft TS 24.548 Rel-16 |  | |
|  |  | | [C1-203444](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203444.zip) | Correction of references | | | Huawei, HiSilicon /Christian | CR 0013 24.545 Rel-16 |  | |
|  |  | | [C1-203565](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203565.zip) | XML schema of MBMSInfo for SEAL network resource management | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Sapan, Tuesday, 19:11  xmlns:xs=http://www.w3.org/2001/XMLSchema  The value should be within double quote  Chen, Wednesday, 11:00  @Sapan: The errors of C1-203565 has already resolved in draft revision of C1-203563. Actually, this is a copy-paste error. I don’t know why the double quote changed into a hyperlink after paste… | |
|  |  | | [C1-203566](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203566.zip) | Wrong implementation under request for modification of unicast resources procedure with SIP core | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 |  | |
|  |  | | [C1-203567](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203567.zip) | Miscellaneous editorial corrections | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 |  | |
|  |  | | [C1-203579](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203579.zip) | Resolution of the editor’s note on access token | | | Huawei, HiSilicon / Chen | CR 0014 24.545 Rel-16 |  | |
|  |  | | [C1-203581](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203581.zip) | Updates to SIP based procedure for location information subscription procedure | | | Huawei, HiSilicon / Chen | CR 0015 24.545 Rel-16 | Merged into C1-203624 and its revisions  Competes with C1-203624  Sapan, Monday, 16:53  C1-203581) and contributions from Samsung (C1-203624, C1-203625, C1-203626) are trying to solve same editor's note and approach is also matching in both solutions. Both (Huawei and Samsung) have decided to merge C1-203581 into C1-203624 after making necessary changes in C1-203624 (and also in other documents C1-203625, C1-203626. | |
|  |  | | [C1-203615](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203615.zip) | Corrections in HTTP request URI | | | Samsung / Sapan | CR 0004 24.544 Rel-16 |  | |
|  |  | | [C1-203617](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203617.zip) | Adding VAL user id in subscription parameter | | | Samsung / Sapan | CR 0006 24.544 Rel-16 |  | |
|  |  | | [C1-203618](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203618.zip) | Corrections in HTTP request URI | | | Samsung / Sapan | CR 0003 24.546 Rel-16 |  | |
|  |  | | [C1-203619](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203619.zip) | IANA registration for VAL user profile and UE configuration document | | | Samsung / Sapan | CR 0004 24.546 Rel-16 |  | |
|  |  | | [C1-203620](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203620.zip) | Using proper element names in VAL UE Configuration | | | Samsung / Sapan | CR 0005 24.546 Rel-16 |  | |
|  |  | | [C1-203934](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203934.zip) | SIP based subscription procedures | | | Samsung / Sapan | CR 0016 24.545 Rel-16 | Revision of C1-203624  ----------------------------------------------  Competes with C1-203581  Sapan, Monday, 16:53  C1-203581 and contributions from Samsung (C1-203624, C1-203625, C1-203626) are trying to solve same editor's note and approach is also matching in both solutions. Both (Huawei and Samsung) have decided to merge C1-203581 into C1-203624 after making necessary changes in C1-203624 (and also in other documents C1-203625, C1-203626.  A draft revision of C1-202624 is available. | |
|  |  | | [C1-203935](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203935.zip) | Adding required XML elements for subscription | | | Samsung / Sapan | CR 0017 24.545 Rel-16 | Revision of C1-203625  ----------------------------------------------  Sapan, Monday, 16:53  C1-203581 and contributions from Samsung (C1-203624, C1-203625, C1-203626) are trying to solve same editor's note and approach is also matching in both solutions. Both (Huawei and Samsung) have decided to merge C1-203581 into C1-203624 after making necessary changes in C1-203624 (and also in other documents C1-203625, C1-203626.  A draft revision of C1-202625 is available. | |
|  |  | | [C1-203936](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203936.zip) | Timers used in location management | | | Samsung / Sapan | CR 0018 24.545 Rel-16 | Revision of C1-203626  ----------------------------------------------  Sapan, Monday, 16:53  C1-203581 and contributions from Samsung (C1-203624, C1-203625, C1-203626) are trying to solve same editor's note and approach is also matching in both solutions. Both (Huawei and Samsung) have decided to merge C1-203581 into C1-203624 after making necessary changes in C1-203624 (and also in other documents C1-203625, C1-203626.  A draft revision of C1-202626 is available. | |
|  |  | | [C1-203957](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203957.zip) | Updates to Token Exchange Client (SIM-C) procedure | | | Intel / Vivek | CR 0003 24.547 Rel-16 | Revision of C1-203465  Vivek, Tuesday, 4:11  In the revision, based on offline comments from Samsung, the reference to 33.434 was removed as SA3 has not defined the token exchange procedure as yet.  Sapan, Tuesday, 6:56  I am Ok with the revision.  -------------------------------------  Revision of C1-202828  -------------------------------------  Was Agreed  Revision of C1-202139 | |
|  |  | | [C1-203958](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203958.zip) | Updates to Token Exchange Server (SIM-S) procedure | | | Intel / Vivek | CR 0004 24.547 Rel-16 | Revision of C1-203467  Vivek, Tuesday, 4:14  In the revision, based on offline comments from Samsung, the reference to 33.434 was removed as SA3 has not defined the token exchange procedure as yet.  Sapan, Tuesday, 6:57  I am Ok with the revision.  -------------------------------------  Revision of C1-202829  --------------------------------------  Was Agreed  Revision of C1-202140 | |
|  |  | | [C1-204065](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204065.zip) | Removal of the SIP based procedure for MBMS bearer announcement over MBMS bearer procedure | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203558  -----------------------------------------  Sapan, Tuesday, 18:46  We do not see good justification to remove SIP based procedures from SEAL NRM specification. The “Reason for change” mention in both documents are actually applicable for LM-Uu, CM-Uu and GM-Uu interfaces. It is not applicable for NRM-Uu based procedures. Also, SEAL being enabler layer, it needs to support both protocols.  Chen, Wednesday, 5:30  @Sapan: After some further thinking, HTTP method is the common method in all SEAL procedures, and in other SEAL NRM procedures, the HTTP method is used only. Therefore, to keep consistent with other SEAL NRM procedures and even other SEAL procedures, the SIP method is removed.  I can add the reason “to keep consistent with other SEAL NRM procedures” in the Reason for Change. Is it OK with you?  Sapan, Thursday, 16:27  We prefer to keep SIP based procedures in SNRM specifications. Here are the reasons:   1. In other SEAL specifications, HTTP based procedures are used as stage#2 has clarified to use SIP only for subscribe/notify for SGM, SCM and SLM only. For SNRM, such clarification is not provided. 2. In general, we follow MCX specifications and the procedures for MBMS announcement and listening status report are already available over SIP in MCX specifications (TS 24.379 clause 14.2 and 14.3). We will prefer to have SIP based procedure for SNRM specification also. 3. SEAL being enabler layer - can support both protocols and we believe there is no issue in keeping the SIP based procedures in SNRM. We have also mentioned that SIP based procedures are not mandatory and if a VAL service do not support SIP then the VAL service can use HTTP based method.   Chen, Friday, 5:01  @Sapan: I understand your concern. From my side, Stage 2 states SIP method for some NRM procedures (see clause 14.3.3.2), but for other NRM procedures Stage 2 has not provided any information. Therefore, the HTTP method as a default method is used for other NRM procedures. However, the MBMS bearer announcement over MBMS bearer procedure and the MBMS bearer quality detection procedure both have SIP method and HTTP method, but other procedures only have HTTP method. If the SIP method is kept, other procedures should be added SIP method too. From my point of view, for Rel-16, it is better to keep only HTTP method for these procedures.  On the other hand, if SIP and HTTP are both supported, there should be a priority between them.  Sapan, Monday, 10:01  Stage#2 has specified that for few procedures (i.e. clause 14.3.3.2) the SNRM-S will use SIP Core to request or modify the unicast resource. How the request should be transferred from SNRM-C to SNRM-S is not specified. In fact, all procedures described in stage-2 clause 14.3.3.2 – are implemented based on HTTP in stage#3 (24.545 – clause 6.2.2) which is fine. Upon receiving HTTP requests, the SNRM-S will use SIP core to complete the procedure. It is true that HTTP is used by default for all stage-2 procedures for which equivalent stage-3 procedures are not available in any other specification. But it is also true that we align SEAL specification to existing stage-3 specification (i.e. MCX) if procedure is available. In this case, MBMS bearer announcement over MBMS bearer and the MBMS bearer quality detection procedures are already available in MCX over SIP. And so to align with MCX specification, we need to have SIP based procedure in SEAL NRM specification. According to us, it will not be good that two different 3GPP CT1 owned specifications will described different procedures for same functionality. [Sapan] Usage of procedure needs to be decided by VAL service – for example, V2X does not support SIP and thus V2X will use only HTTP based procedures. Some other VAL service may support SIP and will use only SIP based procedure. However, I am fine if Huawei wants to add any NOTE specifying priority among procedures.    Chen, Monday, 10:52  @Sapan: Thanks for your clarification. Both HTTP and SIP are kept. And the draft revision only adds the NOTE of priority for HTTP and SIP that HTTP is prior to SIP.  Sapan, Monday, 13:54  I am fine with adding NOTE. I am proposing some addition in your proposed note as below:  NOTE 3:               The VAL service can select appropriate procedure(s) based on service specific requirements. If the VAL service supports both HTTP and SIP, HTTP is prior.  Chen, Monday, 15:54  @Sapan: thanks for your feedback, the proposed text is added to the draft revision.  Sapan, Monday, 16:14  I am Ok with the draft revision. Minor editorial comment: kindly change the font colour to black before submission to 3GPP portal. | |
|  |  | | [C1-204066](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204066.zip) | Removal of the SIP based procedure for MBMS bearer quality detection procedure | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203559  ---------------------------------------  Sapan, Tuesday, 18:46  We do not see good justification to remove SIP based procedures from SEAL NRM specification. The “Reason for change” mention in both documents are actually applicable for LM-Uu, CM-Uu and GM-Uu interfaces. It is not applicable for NRM-Uu based procedures. Also, SEAL being enabler layer, it needs to support both protocols.  Chen, Wednesday, 5:30  @Sapan: After some further thinking, HTTP method is the common method in all SEAL procedures, and in other SEAL NRM procedures, the HTTP method is used only. Therefore, to keep consistent with other SEAL NRM procedures and even other SEAL procedures, the SIP method is removed.  I can add the reason “to keep consistent with other SEAL NRM procedures” in the Reason for Change. Is it OK with you?  Sapan, Thursday, 16:27  We prefer to keep SIP based procedures in SNRM specifications. Here are the reasons:   1. In other SEAL specifications, HTTP based procedures are used as stage#2 has clarified to use SIP only for subscribe/notify for SGM, SCM and SLM only. For SNRM, such clarification is not provided. 2. In general, we follow MCX specifications and the procedures for MBMS announcement and listening status report are already available over SIP in MCX specifications (TS 24.379 clause 14.2 and 14.3). We will prefer to have SIP based procedure for SNRM specification also. 3. SEAL being enabler layer - can support both protocols and we believe there is no issue in keeping the SIP based procedures in SNRM. We have also mentioned that SIP based procedures are not mandatory and if a VAL service do not support SIP then the VAL service can use HTTP based method.   Chen, Friday, 5:01  @Sapan: I understand your concern. From my side, Stage 2 states SIP method for some NRM procedures (see clause 14.3.3.2), but for other NRM procedures Stage 2 has not provided any information. Therefore, the HTTP method as a default method is used for other NRM procedures. However, the MBMS bearer announcement over MBMS bearer procedure and the MBMS bearer quality detection procedure both have SIP method and HTTP method, but other procedures only have HTTP method. If the SIP method is kept, other procedures should be added SIP method too. From my point of view, for Rel-16, it is better to keep only HTTP method for these procedures.  On the other hand, if SIP and HTTP are both supported, there should be a priority between them.  Sapan, Monday, 10:01  Stage#2 has specified that for few procedures (i.e. clause 14.3.3.2) the SNRM-S will use SIP Core to request or modify the unicast resource. How the request should be transferred from SNRM-C to SNRM-S is not specified. In fact, all procedures described in stage-2 clause 14.3.3.2 – are implemented based on HTTP in stage#3 (24.545 – clause 6.2.2) which is fine. Upon receiving HTTP requests, the SNRM-S will use SIP core to complete the procedure. It is true that HTTP is used by default for all stage-2 procedures for which equivalent stage-3 procedures are not available in any other specification. But it is also true that we align SEAL specification to existing stage-3 specification (i.e. MCX) if procedure is available. In this case, MBMS bearer announcement over MBMS bearer and the MBMS bearer quality detection procedures are already available in MCX over SIP. And so to align with MCX specification, we need to have SIP based procedure in SEAL NRM specification. According to us, it will not be good that two different 3GPP CT1 owned specifications will described different procedures for same functionality. [Sapan] Usage of procedure needs to be decided by VAL service – for example, V2X does not support SIP and thus V2X will use only HTTP based procedures. Some other VAL service may support SIP and will use only SIP based procedure. However, I am fine if Huawei wants to add any NOTE specifying priority among procedures.  Chen, Monday, 10:52  @Sapan: Thanks for your clarification. Both HTTP and SIP are kept. And the draft revision only adds the NOTE of priority for HTTP and SIP that HTTP is prior to SIP.  Sapan, Monday, 13:54  I am fine with adding NOTE. I am proposing some addition in your proposed note as below:  NOTE 3:               The VAL service can select appropriate procedure(s) based on service specific requirements. If the VAL service supports both HTTP and SIP, HTTP is prior.  Chen, Monday, 15:54  @Sapan: thanks for your feedback, the proposed text is added to the draft revision.  Sapan, Monday, 16:14  I am Ok with the draft revision. Minor editorial comment: kindly change the font colour to black before submission to 3GPP portal. | |
|  |  | | [C1-204067](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204067.zip) | IANA registration template for VALInfo of SEAL network resourcement management | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203560  -----------------------------------------  Sapan, Tuesday, 18:55  The media format is also applicable for exchanging information over HTTP. I suggest to modify “Security considerations:” as follows:  “In addition, this media type provides a format for exchanging information in SIP or in HTTP, so the security considerations from IETF RFC 3261 apply while exchanging information in SIP and the security considerations from IETF RFC 2616 apply while exchanging information in HTTP.”  Frederic, Tuesday, 19:05  For these pCRs related to IANA, it would be good to have an editor’s note to indicate e.g. that the registration should be made after approval of the spec. This is common practice in CT1. We delete the editor’s note when the registration is complete.  Chen, Wednesday, 5:30  A draft revision is available with the comments taken onboard.  Sapan, Thursday, 16:03  I am ok with the draft revision. | |
|  |  | | [C1-204068](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204068.zip) | IANA registration template for UnicastInfo of SEAL network resourcement management | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203561  ------------------------------------------  Sapan, Tuesday, 18:55  The media format is also applicable for exchanging information over HTTP. I suggest to modify “Security considerations:” as follows:  “In addition, this media type provides a format for exchanging information in SIP or in HTTP, so the security considerations from IETF RFC 3261 apply while exchanging information in SIP and the security considerations from IETF RFC 2616 apply while exchanging information in HTTP.”  Frederic, Tuesday, 19:05  For these pCRs related to IANA, it would be good to have an editor’s note to indicate e.g. that the registration should be made after approval of the spec. This is common practice in CT1. We delete the editor’s note when the registration is complete.  Chen, Wednesday, 5:30  A draft revision is available with the comments taken onboard.  Sapan, Thursday, 16:03  I am ok with the draft revision. | |
|  |  | | [C1-204069](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203562.zip) | IANA registration template for MBMSInfo of SEAL network resourcement management | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203562  --------------------------------------------  Sapan, Tuesday, 18:57   1. Can you add MIME type in clause 7.6? 2. The media format is also applicable for exchanging information over HTTP. I suggest to modify “Security considerations:” as follows:   “In addition, this media type provides a format for exchanging information in SIP or in HTTP, so the security considerations from IETF RFC 3261 apply while exchanging information in SIP and the security considerations from IETF RFC 2616 apply while exchanging information in HTTP.”  Frederic, Tuesday, 19:05  For these pCRs related to IANA, it would be good to have an editor’s note to indicate e.g. that the registration should be made after approval of the spec. This is common practice in CT1. We delete the editor’s note when the registration is complete.  Chen, Wednesday, 5:28  A draft revision is available with the following changes:   * The editor’s note is added. * The MIME type is added in clause 7.6. * The suggestion is taken on board.   Sapan, Thursday, 15:04  Ok with draft revision. | |
|  |  | | [C1-204070](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203563.zip) | XML schema of VALInfo for SEAL network resource management | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203563  -------------------------------------------  Sapan, Tuesday, 19:05   1. xmlns:xs=http://www.w3.org/2001/XMLSchema   The value should be within double quote.   1. xmlns:sealunicast="urn:3gpp:ns:sealInfo:1.0"   - Is this sealunicast correct?  Chen, Wednesday, 5:30  @Sapan: A draft revision is available:   1. All is fixed in the draft revision; 2. A copy-paste mistake, sealunicast -> sealinfo;   Sapan, Thursday, 16:06  I am fine with the revised draft. Kindly remove changes over changes (for xmlns:sealinfo) while submitting for final approval. | |
|  |  | | [C1-204071](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204071.zip) | XML schema of UnicastInfo for SEAL network resource management | | | Huawei, HiSilicon / Chen | pCR 24.548 Rel-16 | Revision of C1-203564  ------------------------------------------  Sapan, Tuesday, 19:09   1. xmlns:xs=http://www.w3.org/2001/XMLSchema   The value should be within double quote.   1. Closing element for complex type “</xs:complexType>” is missed at multiple places – for “requestType”, “modificationType” and “adaptationType”.   Chen, Wednesday, 5:41  @Sapan:   1. was already resolved in draft revision of C1-203563 2. the missing “</xs:complexType>” are added in a draft revision   Sapan, Thursday, 16:18  I still see the issue related to double quote in the draft revision.  Chen, Friday, 5:01  The 3 double quote related issues were all resolved in the draft revision of C1-203563. From my side, there is no need in every related p-CR, just in one for convenient implementation. | |
|  |  | | [C1-204078](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-204078.zip) | XML scheme for SEAL location management | | | Huawei, HiSilicon / Chen | CR 0005 24.545 Rel-16 | Revision of C1-203580  -------------------------------------------  Revision of C1-202733  Sapan, Tuesday, 19:11  xmlns:xs=http://www.w3.org/2001/XMLSchema  The value should be within double quote  Chen, Wednesday, 11:00  A draft revision is available.  Sapan, Friday, 11:12  Ok with the draft revision.  -------------------------------------------------  Was agreed  **Needs revision**, rev counter should be 1  Revision of C1-202323 | |
|  |  | | [C1-204107](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-204107.zip) | IANA registration for SEAL group document | | | Samsung / Sapan | CR 0005 24.544 Rel-16 | Revision of C1-203616  -----------------------------------------------  Chen, Tuesday, 10:00  “SEAL configuration management procedures” -> “SEAL group management procedures”  Sapan, Thursday, 18:54  I agree with the comment. A draft revision is available.  Chen, Friday, 5:01  Ok with the draft revision except that hard spaces in the reference are missing.  Sapan, Friday, 18:06  I will fix the hard space issue before submitting the revision. | |
|  |  | | C1-204166 | draft-ietf-oauth-token-exchange has been published as RFC8693 | | | Orange, Motorola Solutions | CR 0005 24.547 Rel-16 | Revision of C1-203776  Dom, Tuesday, 14:18  In the revision I have incorporated the changes based on the comments I have received. Changes are only on the cover sheet  --------------------------------------------  Late document  Jorgen, Tuesday, 10:35  The document has some cover page issues:   * The reason for change needs to have text on changes between the currently referenced version and the new version, and an indication how that impacts the specification. * CR# format is incorrect, should be "0005". * The ME box needs to be ticked as this contains client procedures. | |
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|  | Other Rel-16 non-IMS issues | |  | Peter – Main | | |  |  | Other Rel-16 non-IMS topics | |
|  |  | | [C1-202083](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202083.zip) | Correction of certain erroneous Information Element Identifiers | | | InterDigital Communications | CR 2033 24.501 Rel-16 | Agreed | |
|  |  | | [C1-202148](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202148.zip) | SMS timer extension for the MS using CP CioT 5GS optimization | | | NTT DOCOMO | CR 0066 24.011 Rel-16 | Agreed | |
|  |  | | [C1-202273](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202273.zip) | Remove invalid cases in error handling for TFT operation | | | Qualcomm Incorporated | CR 3214 24.008 Rel-16 | Agreed | |
|  |  | | [C1-202274](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202274.zip) | Remove invalid cases in error handling for TFT operation in EPS | | | Qualcomm Incorporated | CR 3350 24.301 Rel-16 | Agreed | |
|  |  | | [C1-202467](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202467.zip) | WUS assistance for TAU | | | Huawei, HiSilicon/Lin | CR 3356 24.301 Rel-16 | Agreed | |
|  |  | | [C1-202512](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202512.zip) | Correction to Handling of T3321 timer | | | MediaTek Inc. | CR 3217 24.008 Rel-16 | Agreed | |
|  |  | | C1-202700 | RPDU transfer for 5GS using Control Plane CioT Optimization | | | NTT DOCOMO INC. | CR 0067 24.011 Rel-16 | Agreed  Revision of C1-202217 | |
|  |  | | C1-202781 | Clarification on the UE behaviour when receiving T3448 | | | ZTE | CR 3351 24.301 Rel-16 | Agreed  Revision of C1-202334 | |
|  |  | | C1-202736 | Emergency PDN connection established after WUS negotiation | | | Vivo | CR 3345 24.301 Rel-16 | Agreed  Revision of C1-202178 | |
|  |  | | C1-202691 | Correction to handling of T3447 timer | | | MediaTek Inc. | CR 3370 24.301 Rel-16 | Agreed  Revision of C1-202520 | |
|  |  | | C1-202906 | Clarification for the use of enhanced coverage in EPS | | | Samsung, Huawei, HiSilicon, InterDigital | CR 3339 24.301 Rel-16 | Agreed  Revision of C1-202645 | |
|  |  | | C1-202822 | New AT command for linking packet filters +CGLNKPF | | | MediaTek Inc. / JJ | CR 0687 27.007 Rel-16 | Agreed  Revision of C1-202539 | |
|  |  | | C1-202804 | Correction on retry restriction for ESM#66 | | | Huawei, HiSilicon/Lin | CR 3363 24.301 Rel-16 | Agreed  Revision of C1-202484 | |
|  |  | | C1-202798 | Retry restriction for NB-IoT UEs due to out of tariff package | | | Huawei, HiSilicon/Lin | CR 3357 24.301 Rel-16 | Agreed  Revision of C1-202468 | |
|  |  | | C1-202797 | WUS assistance for emergency | | | Huawei, HiSilicon/Lin | CR 3355 24.301 Rel-16 | Agreed  Revision of C1-202466 | |
|  |  | | C1-202823 | New AT command for deleting packet filters +CGDELPF | | | MediaTek Inc. / JJ | CR 0688 27.007 Rel-16 | Agreed  Revision of C1-202540 | |
|  |  | | C1-202814 | handling of ePWS message | | | Samsung/ Kyungjoo Grace Suh | CR 0217 23.041 Rel-16 | Agreed  Revision of C1-202563  **Shifted from ePWS** | |
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|  |  | | [C1-203107](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203107.zip) | TA change during Authentication procedure in EMM-CONNECTED mode | | | Apple | CR 3347 24.301 Rel-16 | Revision of C1-202850 | |
|  |  | | [C1-203108](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203108.zip) | TA change during Authentication procedure in 5GMM-CONNECTED mode | | | Apple | CR 2092 24.501 Rel-16 | Revision of C1-202851 | |
|  |  | | [C1-203129](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203129.zip) | Segmentation in query port numbers procedure | | | Ericsson / Ivo | CR 0017 24.250 Rel-16 | Revision of C1-194182 | |
|  |  | | [C1-203139](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203139.zip) | Corecting the incorrect mode of the UE | | | InterDigital Communications | CR 2237 24.501 Rel-16 |  | |
|  |  | | [C1-203232](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203232.zip) | Forbidden PLMN list for emergency service | | | Apple | CR 3375 24.301 Rel-16 |  | |
|  |  | | [C1-203233](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203233.zip) | Forbidden PLMN list for emergency service | | | Apple | CR 2243 24.501 Rel-16 |  | |
|  |  | | [C1-203234](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203234.zip) | Forbidden PLMN list for emergency service | | | Apple | CR 0534 23.122 Rel-16 |  | |
|  |  | | [C1-203304](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203304.zip) | Correction to Handling of DNN based congestion control | | | MediaTek Inc. / Carlson | CR 2268 24.501 Rel-16 |  | |
|  |  | | [C1-203314](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203314.zip) | Correction to Handling of APN based congestion control | | | MediaTek Inc. / Carlson | CR 3376 24.301 Rel-16 |  | |
|  |  | | [C1-203372](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203372.zip) | Correction to EMM-REGISTERED.NORMAL-SERVICE | | | MediaTek Inc. / Marko | CR 3385 24.301 Rel-16 |  | |
|  |  | | [C1-203375](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203375.zip) | Correction to handling of NAS level mobility management congestion control | | | MediaTek Inc. / Marko | CR 3387 24.301 Rel-16 |  | |
|  |  | | [C1-203378](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203378.zip) | Correction to handling of #3/#6/#7 | | | MediaTek Inc. / Marko | CR 3389 24.301 Rel-16 |  | |
|  |  | | [C1-203379](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203379.zip) | Correction to handling of #3/#6/#7 | | | MediaTek Inc. / Marko | CR 3219 24.008 Rel-16 |  | |
|  |  | | [C1-203381](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203381.zip) | Correction to handling of #9 | | | MediaTek Inc. / Marko | CR 3390 24.301 Rel-16 |  | |
|  |  | | [C1-203382](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203382.zip) | Correction to handling of #9 | | | MediaTek Inc. / Marko | CR 3220 24.008 Rel-16 |  | |
|  |  | | [C1-203383](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203383.zip) | Correction to handling of #12/#13/#15 in EMM SERVICE procedure | | | MediaTek Inc. / Marko | CR 3391 24.301 Rel-16 |  | |
|  |  | | [C1-203384](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203384.zip) | Correction to handling of paging in GMM-REG.ATTEMPTING-TO-UPDATE | | | MediaTek Inc. / Marko | CR 3221 24.008 Rel-16 |  | |
|  |  | | [C1-203385](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203385.zip) | Correction to handling of paging in MM IDLE ATTEMPTING TO UPDATE state | | | MediaTek Inc. / Marko | CR 3222 24.008 Rel-16 |  | |
|  |  | | [C1-203386](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203386.zip) | Correction to Handling of #42 | | | MediaTek Inc. / Marko | CR 3392 24.301 Rel-16 |  | |
|  |  | | [C1-203387](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203387.zip) | Correction to handling of abnormal cases of Network initiated detach procedure | | | MediaTek Inc. / Marko | CR 3393 24.301 Rel-16 |  | |
|  |  | | [C1-203388](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203388.zip) | Correction to Handling of paging in EMM-REGISTERED.ATTEMPTING-TO-UPDATE-MM | | | MediaTek Inc. / Marko | CR 3394 24.301 Rel-16 |  | |
|  |  | | [C1-203389](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203389.zip) | Correction to EMM-DEREGISTERED.ATTEMPTING-TO-ATTACH | | | MediaTek Inc. / Marko | CR 3395 24.301 Rel-16 |  | |
|  |  | | [C1-203390](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203390.zip) | Correction to GMM-DEREGISTERED.ATTEMPTING-TO-ATTACH | | | MediaTek Inc. / Marko | CR 3223 24.008 Rel-16 |  | |
|  |  | | [C1-203391](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203391.zip) | Correction to EMM-DEREGISTERED.NORMAL-SERVICE | | | MediaTek Inc. / Marko | CR 3396 24.301 Rel-16 |  | |
|  |  | | [C1-203392](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203392.zip) | Correction to GMM-DEREGISTERED.NORMAL-SERVICE | | | MediaTek Inc. / Marko | CR 3224 24.008 Rel-16 |  | |
|  |  | | [C1-203395](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203395.zip) | Clarification of cause #35 in limited service state | | | MediaTek Inc. / Marko | CR 0544 23.122 Rel-16 |  | |
|  |  | | [C1-203401](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203401.zip) | Correction to spelling mistakes | | | MediaTek Inc. / Marko | CR 3398 24.301 Rel-16 |  | |
|  |  | | [C1-203463](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203463.zip) | Add handling for parameter set to “value is not used” in EPS | | | Qualcomm Incorporated, Ericsson | CR 3348 24.301 Rel-16 | Revision of C1-202633 | |
|  |  | | [C1-203464](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203464.zip) | Allow lower layer to change RRC establishment cause during voice EPS fallback | | | Qualcomm Incorporated, Ericsson | CR 3316 24.301 Rel-16 | Revision of C1-202830 | |
|  |  | | [C1-203590](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203590.zip) | Reset of PLMN-specific attempt counter | | | MediaTek Inc. / Marko | CR 3364 24.301 Rel-16 | Revision of C1-202685  ---------------------------------------------  Was agreed  Revision of C1-202511 | |
|  |  | | [C1-203591](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203591.zip) | Correction to Handling of T3421 timer | | | MediaTek Inc. / Marko | CR 3365 24.301 Rel-16 | Revision of C1-202686  ----------------------------------------  Was agreed  **Needs revision**, missing clauses affted  Revision of C1-202513 | |
|  |  | | [C1-203670](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203670.zip) | QoE measurement control | | | Ericsson /Jörgen | CR 0696 27.007 Rel-16 |  | |
|  |  | | [C1-203695](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203695.zip) | EN resolution on WUS | | | Huawei, HiSilicon/Lin | CR 3407 24.301 Rel-16 |  | |
|  |  | | [C1-203711](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203711.zip) | Geo-fencing check for no stored "warning message" matched | | | Huawei, HiSilicon/Lin | CR 0220 23.041 Rel-16 |  | |
|  |  | | [C1-203712](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203712.zip) | Type 3 IE is not recommended to be used as an optional IE | | | Huawei, HiSilicon/Lin | CR 0129 24.007 Rel-16 |  | |
|  |  | | [C1-203713](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203713.zip) | No retry in 2G/3G/5G for PDN type related ESM causes | | | Huawei, HiSilicon/Lin | CR 3412 24.301 Rel-16 |  | |
|  |  | | [C1-203714](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203714.zip) | No retry in 4G for PDP type related SM causes | | | Huawei, HiSilicon/Lin | CR 3227 24.008 Rel-16 |  | |
|  |  | | [C1-203344](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203344.zip) | Enhancement in UE handling when error number #65 is received from network. | | | MediaTek Beijing Inc. | CR 3383 24.301 Rel-16 | Shifted from IMSProtoc16, work item code needs to be corrected | |
|  |  | |  |  | | |  |  |  | |
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|  | Wis for IMS | |  | Jörgen – Breakout | | |  |  |  | |
|  | MCCI\_CT | |  |  | | |  |  | Mission Critical Communication Interworking with Land Mobile Radio Systems  100% | |
|  |  | | [C1-202610](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202610.zip) | Editorial corrections | | | Sepura Ltd, Hytera Communications Corp | CR 0001 29.582 Rel-16 | Agreed  Revision of C1-202286  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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|  | MCProtoc16 | |  | Jörgen – Breakout | | |  |  | Protocol enhancements for Mission Critical Services for Rel-16  100% | |
|  |  | | [C1-202555](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202555.zip) | Corrections to step reference in terminating controlling function | | | Samsung | CR 0560 24.379 Rel-16 | Agreed | |
|  |  | | [C1-202556](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202556.zip) | Corrections to step reference in create a group regroup using preconfigured group | | | Samsung | CR 0561 24.379 Rel-16 | Agreed | |
|  |  | | [C1-202557](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202557.zip) | Corrected the client origination procedure subclause text of 11.1.6.2.1.1 | | | Samsung | CR 0562 24.379 Rel-16 | Agreed | |
|  |  | | [C1-202558](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202558.zip) | Allow an emergency and immenit peril calls during max simultaneous sessions | | | Samsung | CR 0563 24.379 Rel-16 | Agreed | |
|  |  | | [C1-202630](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202630.zip) | Check regroup ID | | | FirstNet / Mike | CR 0553 24.379 Rel-16 | Agreed  Revision of C1-202220 | |
|  |  | | [C1-202631](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202631.zip) | Clarification of 11.1.6.2.1.2 | | | FirstNet / Mike | CR 0554 24.379 Rel-16 | Agreed  Revision of C1-202221 | |
|  |  | | [C1-202632](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202632.zip) | Update affiliation definition to support preconfigured regroups | | | FirstNet / Mike | CR 0555 24.379 Rel-16 | Agreed  Revision of C1-202222  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202656](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202656.zip) | Check for MCPTT ID bindng and validity period of existing binding | | | Samsung | CR 0557 24.379 Rel-16 | Agreed  Revision of C1-202552  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202657](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202657.zip) | Corrections to location sharing during call setup | | | Samsung | CR 0558 24.379 Rel-16 | Agreed  Revision of C1-202553  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202658](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202658.zip) | Corrections to current talker location in ambient call | | | Samsung | CR 0559 24.379 Rel-16 | Agreed  Revision of C1-202554  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202660](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202660.zip) | Talker location sharing in remote ambient call | | | Samsung | CR 0231 24.380 Rel-16 | Agreed  Revision of C1-202560  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
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|  |  | | [C1-203078](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203078.zip) | CR Cancellation of a Private Call (without Floor Control) prior the setup | | | BDBOS, Airbus | CR 0565 24.379 Rel-16 |  | |
|  |  | | [C1-203143](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203143.zip) | 4.12 Improve NOTE | | | FirstNet / Mike | CR 0574 24.379 Rel-16 |  | |
|  |  | | [C1-203144](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203144.zip) | 6.2.1 Correct reference to group document | | | FirstNet / Mike | CR 0575 24.379 Rel-16 |  | |
|  |  | | [C1-203145](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203145.zip) | 6.2.8.1.6 Correct reference to group document | | | FirstNet / Mike | CR 0576 24.379 Rel-16 |  | |
|  |  | | [C1-203146](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203146.zip) | 6.3.2.1.8.2 Correct reference to group document | | | FirstNet / Mike | CR 0577 24.379 Rel-16 |  | |
|  |  | | [C1-203147](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203147.zip) | 6.3.3.1.13.1 Correct reference to group document | | | FirstNet / Mike | CR 0578 24.379 Rel-16 |  | |
|  |  | | [C1-203148](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203148.zip) | 6.3.3.1.13.2 Correct reference to group document | | | FirstNet / Mike | CR 0579 24.379 Rel-16 |  | |
|  |  | | [C1-203149](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203149.zip) | 6.3.3.1.13.5 Correct reference to group document | | | FirstNet / Mike | CR 0580 24.379 Rel-16 |  | |
|  |  | | [C1-203150](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203150.zip) | 6.3.3.1.13.7 Correct reference to group document | | | FirstNet / Mike | CR 0581 24.379 Rel-16 |  | |
|  |  | | [C1-203151](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203151.zip) | 6.3.3.3 Correct reference to group document | | | FirstNet / Mike | CR 0582 24.379 Rel-16 |  | |
|  |  | | [C1-203152](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203152.zip) | 6.3.3.5.1 Correct reference to group document | | | FirstNet / Mike | CR 0583 24.379 Rel-16 |  | |
|  |  | | [C1-203153](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203153.zip) | 6.3.3.5.2 Correct reference to group document | | | FirstNet / Mike | CR 0584 24.379 Rel-16 |  | |
|  |  | | [C1-203154](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203154.zip) | 6.3.4.1.4 Correct reference to group document | | | FirstNet / Mike | CR 0585 24.379 Rel-16 |  | |
|  |  | | [C1-203155](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203155.zip) | 6.3.5.1 Correct reference to group document | | | FirstNet / Mike | CR 0586 24.379 Rel-16 |  | |
|  |  | | [C1-203156](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203156.zip) | 6.3.5.2 Correct reference to group document | | | FirstNet / Mike | CR 0587 24.379 Rel-16 |  | |
|  |  | | [C1-203157](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203157.zip) | 6.3.5.3 Correct reference to group document | | | FirstNet / Mike | CR 0588 24.379 Rel-16 |  | |
|  |  | | [C1-203158](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203158.zip) | 6.3.5.4 Correct reference to group document | | | FirstNet / Mike | CR 0589 24.379 Rel-16 |  | |
|  |  | | [C1-203159](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203159.zip) | 6.3.5.5 Correct reference to group document | | | FirstNet / Mike | CR 0590 24.379 Rel-16 |  | |
|  |  | | [C1-203160](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203160.zip) | 10.1.1.4.1.2 Correct reference to group document | | | FirstNet / Mike | CR 0591 24.379 Rel-16 |  | |
|  |  | | [C1-203161](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203161.zip) | 10.1.1.4.2 Correct reference to group document | | | FirstNet / Mike | CR 0592 24.379 Rel-16 |  | |
|  |  | | [C1-203162](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203162.zip) | 10.1.1.4.5.1 Correct reference to group document | | | FirstNet / Mike | CR 0593 24.379 Rel-16 |  | |
|  |  | | [C1-203163](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203163.zip) | 10.1.1.5.2.2 Correct reference to group document | | | FirstNet / Mike | CR 0594 24.379 Rel-16 |  | |
|  |  | | [C1-203164](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203164.zip) | 10.1.1.5.4 Correct reference to group document | | | FirstNet / Mike | CR 0595 24.379 Rel-16 |  | |
|  |  | | [C1-203165](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203165.zip) | 10.1.1.5.5 Correct reference to group document | | | FirstNet / Mike | CR 0596 24.379 Rel-16 |  | |
|  |  | | [C1-203166](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203166.zip) | 10.1.2.4.1.1 Correct reference to group document | | | FirstNet / Mike | CR 0597 24.379 Rel-16 |  | |
|  |  | | [C1-203167](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203167.zip) | 10.1.2.5.1.8 Correct reference to group document | | | FirstNet / Mike | CR 0598 24.379 Rel-16 |  | |
|  |  | | [C1-203168](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203168.zip) | 10.1.3.4.1 Correct reference to group document | | | FirstNet / Mike | CR 0599 24.379 Rel-16 |  | |
|  |  | | [C1-203169](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203169.zip) | 10.1.3.4.2 Correct reference to group document | | | FirstNet / Mike | CR 0600 24.379 Rel-16 |  | |
|  |  | | [C1-203170](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203170.zip) | 10.1.3.5.1 Correct reference to group document | | | FirstNet / Mike | CR 0601 24.379 Rel-16 |  | |
|  |  | | [C1-203171](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203171.zip) | 10.1.3.5.2 Correct reference to group document | | | FirstNet / Mike | CR 0602 24.379 Rel-16 |  | |
|  |  | | [C1-203172](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203172.zip) | 10.2.1.1.2 Correct reference to group document | | | FirstNet / Mike | CR 0603 24.379 Rel-16 |  | |
|  |  | | [C1-203176](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203176.zip) | Client SIP INVITE request descriptions | | | FirstNet / Mike | CR 0604 24.379 Rel-16 | Withdrawn  CR number was reserved against incorrect spec. New Tdoc number is C1-203773, CR#0179 for 24.282 | |
|  |  | | C1-203773 | Client SIP INVITE request descriptions | | | FirstNet / Mike | CR 0179 24.262 Rel-16 |  | |
|  |  | | [C1-203179](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203179.zip) | Correct mcdata-calling-user-identity | | | FirstNet / Mike | CR 0136 24.282 Rel-16 |  | |
|  |  | | [C1-203182](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203182.zip) | Correct warning message and number in 10.1.1.4.2 | | | FirstNet / Mike | CR 0608 24.379 Rel-16 |  | |
|  |  | | [C1-203183](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203183.zip) | Editorial correction - 6.3.6.1 | | | FirstNet / Mike | CR 0137 24.282 Rel-16 |  | |
|  |  | | [C1-203184](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203184.zip) | Error correction - 10.2.5.4.4 | | | FirstNet / Mike | CR 0138 24.282 Rel-16 |  | |
|  |  | | [C1-203185](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203185.zip) | Error correction - 13.2.1.1 | | | FirstNet / Mike | CR 0139 24.282 Rel-16 |  | |
|  |  | | [C1-203214](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203214.zip) | Remove duplicate RFC 3856 reference | | | FirstNet / Mike | CR 0165 24.282 Rel-16 |  | |
|  |  | | [C1-203246](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203246.zip) | Implement missing reference number | | | Ericsson /Jörgen | CR 0167 24.282 Rel-16 |  | |
|  |  | | [C1-203247](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203247.zip) | Correction of node formats | | | Ericsson /Jörgen | CR 0076 24.483 Rel-16 |  | |
|  |  | | [C1-203250](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203250.zip) | Correction of warning text in Connect message | | | Ericsson /Jörgen | CR 0236 24.380 Rel-16 |  | |
|  |  | | [C1-203648](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203648.zip) | Align the NOTE related to multitalker or dual floor for receive RTP event in any state | | | Samsung | CR 0239 24.380 Rel-16 |  | |
|  |  | | [C1-203649](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203649.zip) | Handle Floor taken message in ‘Pending request’ state of floor participant state m/c | | | Samsung | CR 0240 24.380 Rel-16 |  | |
|  |  | | [C1-203650](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203650.zip) | Include the missing events in floor participant state m/c | | | Samsung | CR 0241 24.380 Rel-16 |  | |
|  |  | | [C1-203651](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203651.zip) | Authentication of the MIKEY-SAKKE I\_Message validation in pre-established session | | | Samsung | CR 0230 24.380 Rel-16 | Revision of C1-202659 | |
|  |  | | [C1-203652](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203652.zip) | Corrections in 6.3.5.2.2 and 6.3.5.3.3 | | | Samsung | CR 0069 24.581 Rel-16 |  | |
|  |  | | [C1-203653](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203653.zip) | Corrections in 6.3.5.4.2 | | | Samsung | CR 0070 24.581 Rel-16 |  | |
|  |  | | [C1-203654](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203654.zip) | Corrections in 6.3.6.3.6 | | | Samsung | CR 0071 24.581 Rel-16 |  | |
|  |  | | [C1-203655](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203655.zip) | Incorrect counter Cx upper limit check | | | Samsung | CR 0072 24.581 Rel-16 |  | |
|  |  | | [C1-203656](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203656.zip) | New instance creation and release for basic / general reception control state m/c. | | | Samsung | CR 0073 24.581 Rel-16 |  | |
|  |  | | [C1-203658](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203658.zip) | Authorisation validation for first-to-answer call origination requesting user using pre-established session | | | Samsung | CR 0556 24.379 Rel-16 | Revision of C1-202834  --------------------------------------------  Was agreed  **Needs revision**, missing tdoc number  Revision of C1-202655  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Revision of C1-202551 | |
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|  | MuD | |  | Jörgen – Breakout | | |  |  | Multi-device and multi-identity  100% | |
|  |  | | [C1-202494](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202494.zip) | Text for empty headings | | | Ericsson /Jörgen | CR 0001 24.174 Rel-16 | Agreed | |
|  |  | | [C1-202586](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202586.zip) | Reference update for PASSporT Extension for Diverted Calls | | | Orange / Mariusz | CR 0002 24.174 Rel-16 | Agreed | |
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|  | IMSProtoc16 | |  | Jörgen – Breakout | | |  |  | IMS Stage-3 IETF Protocol Alignment for Rel-16  100% | |
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|  | MCSMI\_CT | |  | Jörgen – Breakout | | |  |  | Mission Critical system migration and interconnection | |
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|  | eMCData2 | |  | Jörgen – Breakout | | |  |  | CT aspects of Enhancements to Functional architecture and information flows for Mission Critical Data | |
|  |  | | [C1-202637](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202637.zip) | Deposit an object | | | AT&T | CR 0118 24.282 Rel-16 | Agreed  Revision of C1-202023  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202640](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202640.zip) | Create a subscription to notifications | | | AT&T | CR 0119 24.282 Rel-16 | Agreed  Revision of C1-202024  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202641](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202641.zip) | Delete a subscription to notifications | | | AT&T | CR 0120 24.282 Rel-16 | Agreed  Revision of C1-202025  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202643](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202643.zip) | Update a subscription to notifications | | | AT&T | CR 0121 24.282 Rel-16 | Agreed  Revision of C1-202026  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202646](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202646.zip) | Synchronization notification | | | AT&T | CR 0122 24.282 Rel-16 | Agreed  Revision of C1-202027  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202647](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202647.zip) | Search-based Synchronization | | | AT&T | CR 0123 24.282 Rel-16 | Agreed  Revision of C1-202028  . | |
|  |  | | [C1-202649](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202649.zip) | List folder | | | AT&T | CR 0124 24.282 Rel-16 | Agreed  Revision of C1-202029  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202677](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202677.zip) | Typo fixes | | | AT&T | CR 0125 24.282 Rel-16 | Agreed  Revision of C1-202030  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202794](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202794.zip) | Fix minor issues in MCData pre-etsblished session | | | Samsung / Sapan | CR 0131 24.282 Rel-16 | Agreed  Revision of C1-202452 | |
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|  |  | | [C1-203294](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203294.zip) | Resolving EN for identifying user between MCData Server and MCData message store | | | AT&T | CR 0168 24.282 Rel-16 |  | |
|  |  | | [C1-203504](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203504.zip) | Signalling plane support in MCData for user plane SDS using MBMS | | | AT&T / Val | CR 0170 24.282 Rel-16 |  | |
|  |  | | [C1-203505](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203505.zip) | Media plane control in MCData for user plane SDS using MBMS | | | AT&T / Val | CR 0011 24.582 Rel-16 |  | |
|  |  | | [C1-203519](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203519.zip) | Configuration of resource priority for MCData emergency | | | AT&T / Val | CR 0137 24.484 Rel-16 | Revision of C1-202750  -------------------------------------------  Was Agreed  **Needs revision**, tdoc number format error on cover in first line  Revision of C1-202386 | |
|  |  | | [C1-203522](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203522.zip) | Auxiliary procedures in support of Emergency Alerts for MCData | | | AT&T / Val | CR 0130 24.282 Rel-16 | Revision of C1-202751  -----------------------------------------  Was Agreed  **Needs revision**, tdoc number format error on cover in first line  Revision of C1-202288  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-203523](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203523.zip) | Handling of MCData Emergency Alerts at the MCData controlling server | | | AT&T / Val | CR 0129 24.282 Rel-16 | Revision of C1-202754  --------------------------------------  Was agreed  **Needs revision**, tdoc number format error on cover in first line  Revision of C1-202287 | |
|  |  | | [C1-203524](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203524.zip) | Handling of MCData Emergency Alerts at the MCData participating servers | | | AT&T / Val | CR 0128 24.282 Rel-16 | Revision of C1-202755  -------------------------------------  Was Agreed  **Needs revision**, tdoc number format error on cover in first line  Revision of C1-202281 | |
|  |  | | [C1-203525](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203525.zip) | Emergency Alerts for MCData – client procedures | | | AT&T / Val | CR 0127 24.282 Rel-16 | Revision of C1-202761  ------------------------------------------  Was agreed  **Needs revision**, tdoc number format error on cover in first line  Revision of C1-202262 | |
|  |  | | [C1-203527](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203527.zip) | Support for MCData emergency alert and communications | | | AT&T / Val | CR 0126 24.282 Rel-16 | Revision of C1-202771  ----------------------------------------  Was agreed  **Needs revision**, tdoc number format error on cover in first line  Revision of C1-202260 | |
|  |  | | [C1-203645](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203645.zip) | Editor’s note for hostname of MCData message store is addressed | | | Samsung | CR 0125 24.282 Rel-16 | Revision of C1-202677  Incorrectly, as 2677 is a document from ATT | |
|  |  | | [C1-203646](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203646.zip) | Included the MessageStoreHostname element | | | Samsung | CR 0077 24.483 Rel-16 |  | |
|  |  | | [C1-203647](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203647.zip) | Included the MessageStoreHostname element | | | Samsung | CR 0141 24.484 Rel-16 |  | |
|  |  | | [C1-203657](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203657.zip) | Corrections to file upload-download procedure as per stage 2 architecture changes | | | Samsung | CR 0133 24.282 Rel-16 | Revision of C1-202835  -----------------------------------------  Was agreed  **Needs revision**, missing tdoc number on cover sheet  Revision of C1-202654  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Revision of C1-202550 | |
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|  | E2E\_DELAY (CT4) | |  | Jörgen – Breakout | | |  |  | CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI  100% | |
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|  | VBCLTE (CT3 lead) | |  | Jörgen – Breakout | | |  |  | Volume Based Charging Aspects for VoLTE CT | |
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|  | ISAT-MO-WITHDRAW | |  | Jörgen – Breakout | | |  |  | Withdrawal of TS 24.323 from Rel-11, Rel-12, Rel-13  No CRs needed, listed for the sake of completeness  100% | |
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|  | MONASTERY2 | |  | Jörgen – Breakout | | |  |  | Mobile Communication System for Railways Phase 2 | |
|  |  | | [C1-202883](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202883.zip) | IPConnectivity extension to include IP Information | | | Kontron Transportation France | CR 0067 24.483 Rel-16 | Agreed  Revision of C1-202496  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202884](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202884.zip) | IPConnectivity extension to include IP Information | | | Kontron Transportation France | CR 0138 24.484 Rel-16 | Agreed  Revision of C1-202497  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202885](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202885.zip) | IPConnectivity extension to include IP Information | | | Kontron Transportation France | CR 0132 24.282 Rel-16 | Agreed  Revision of C1-202498  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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|  |  | | [C1-203173](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203173.zip) | Add functional alias status definitions | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0134 24.282 Rel-16 |  | |
|  |  | | [C1-203174](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203174.zip) | Add functional alias to clause 4.6 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0135 24.282 Rel-16 |  | |
|  |  | | [C1-203175](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203175.zip) | Add PointCoordinate, Speed, Heading nodes in 5.2.48W | | | FirstNet / Mike | CR 0072 24.483 Rel-16 |  | |
|  |  | | [C1-203177](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203177.zip) | Correct capitalisation in ListOfFunctionalaliases | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0073 24.483 Rel-16 |  | |
|  |  | | [C1-203178](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203178.zip) | Correct editorial in FA status definition | | | FirstNet / Mike | CR 0605 24.379 Rel-16 |  | |
|  |  | | [C1-203180](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203180.zip) | Correct spelling of functional alias | | | FirstNet / Mike | CR 0606 24.379 Rel-16 |  | |
|  |  | | [C1-203181](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203181.zip) | Correct subclause references in 9A | | | FirstNet / Mike | CR 0607 24.379 Rel-16 |  | |
|  |  | | [C1-203186](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203186.zip) | Functional Alias - 5.2 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0140 24.282 Rel-16 |  | |
|  |  | | [C1-203187](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203187.zip) | Functional Alias - 5.3 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0141 24.282 Rel-16 |  | |
|  |  | | [C1-203188](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203188.zip) | Functional alias - 9.2.1.2 | | | FirstNet / Mike | CR 0142 24.282 Rel-16 |  | |
|  |  | | [C1-203189](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203189.zip) | Functional alias - 9.2.2.2.1 | | | FirstNet / Mike | CR 0143 24.282 Rel-16 |  | |
|  |  | | [C1-203190](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203190.zip) | Functional alias - 9.2.2.3.1 | | | FirstNet / Mike | CR 0144 24.282 Rel-16 |  | |
|  |  | | [C1-203191](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203191.zip) | Functional alias - 9.2.3.2.3 | | | FirstNet / Mike | CR 0145 24.282 Rel-16 |  | |
|  |  | | [C1-203192](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203192.zip) | Functional alias - 9.2.3.3.3 | | | FirstNet / Mike | CR 0146 24.282 Rel-16 |  | |
|  |  | | [C1-203193](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203193.zip) | Functional alias - 9.2.4.2.3 | | | FirstNet / Mike | CR 0147 24.282 Rel-16 |  | |
|  |  | | [C1-203194](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203194.zip) | Functional alias - 9.2.4.3.3 | | | FirstNet / Mike | CR 0148 24.282 Rel-16 |  | |
|  |  | | [C1-203195](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203195.zip) | Functional alias - 9.2.5.1.1 | | | FirstNet / Mike | CR 0149 24.282 Rel-16 |  | |
|  |  | | [C1-203196](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203196.zip) | Functional alias - 9.2.5.2.1.1 | | | FirstNet / Mike | CR 0150 24.282 Rel-16 |  | |
|  |  | | [C1-203197](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203197.zip) | Functional alias - 9.2.5.3.1.1 | | | FirstNet / Mike | CR 0151 24.282 Rel-16 |  | |
|  |  | | [C1-203198](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203198.zip) | Functional alias - 10.2.4.2.1 | | | FirstNet / Mike | CR 0152 24.282 Rel-16 |  | |
|  |  | | [C1-203199](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203199.zip) | Functional alias - 10.2.4.3.1 | | | FirstNet / Mike | CR 0153 24.282 Rel-16 |  | |
|  |  | | [C1-203200](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203200.zip) | Functional alias - 10.2.5.2.3 | | | FirstNet / Mike | CR 0154 24.282 Rel-16 |  | |
|  |  | | [C1-203201](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203201.zip) | Functional alias - 10.2.5.2.4 | | | FirstNet / Mike | CR 0155 24.282 Rel-16 |  | |
|  |  | | [C1-203202](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203202.zip) | Functional alias - 10.2.5.3.3 | | | FirstNet / Mike | CR 0156 24.282 Rel-16 |  | |
|  |  | | [C1-203203](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203203.zip) | Functional alias - 16.2.1.1 | | | FirstNet / Mike | CR 0157 24.282 Rel-16 |  | |
|  |  | | [C1-203204](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203204.zip) | Functional alias - 16.2.1.2 | | | FirstNet / Mike | CR 0158 24.282 Rel-16 |  | |
|  |  | | [C1-203205](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203205.zip) | Functional alias - 20.2.1 | | | FirstNet / Mike | CR 0159 24.282 Rel-16 |  | |
|  |  | | [C1-203206](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203206.zip) | Functional alias - 20.2.2 | | | FirstNet / Mike | CR 0160 24.282 Rel-16 |  | |
|  |  | | [C1-203207](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203207.zip) | Functional alias - affiliation procedures in 8.2 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0161 24.282 Rel-16 |  | |
|  |  | | [C1-203208](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203208.zip) | Functional alias - Coding 22.3 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0162 24.282 Rel-16 |  | |
|  |  | | [C1-203209](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203209.zip) | Functional Alias - MCData Client procedures 22.2.1 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0163 24.282 Rel-16 |  | |
|  |  | | [C1-203210](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203210.zip) | Functional Alias - MCData Server procedures 22.2.2 | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0164 24.282 Rel-16 |  | |
|  |  | | [C1-203211](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203211.zip) | Functional alias in MCData user profile | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0140 24.484 Rel-16 |  | |
|  |  | | [C1-203212](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203212.zip) | MCData (de)affiliation by location criteria MOs | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0074 24.483 Rel-16 |  | |
|  |  | | [C1-203213](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203213.zip) | MCData Functional Alias by location criteria | | | FirstNet, Nokia, Nokia Shanghai Bell / Mike | CR 0075 24.483 Rel-16 |  | |
|  |  | | [C1-203215](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203215.zip) | Schema error - FA Coding 9A.3.1.2 | | | FirstNet / Mike | CR 0609 24.379 Rel-16 |  | |
|  |  | | [C1-203216](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203216.zip) | Update MCData Overview clause 4.1 | | | FirstNet / Mike | CR 0166 24.282 Rel-16 |  | |
|  |  | | [C1-203332](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203332.zip) | Corrections in IP Connectivity SDP offer/answer generation | | | Kontron Transportation France | CR 0169 24.282 Rel-16 |  | |
|  |  | | [C1-203718](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203718.zip) | Work plan for the CT1 part of MONASTERY2 | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  | |
|  |  | | [C1-203719](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203719.zip) | Limiting the number of emergency group calls accepted based on calling FA | | | Nokia, Nokia Shanghai Bell | CR 0616 24.379 Rel-16 |  | |
|  |  | | [C1-203720](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203720.zip) | Resolution of called functional alias in first-to-answer calls | | | Nokia, Nokia Shanghai Bell | CR 0617 24.379 Rel-16 |  | |
|  |  | | [C1-203721](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203721.zip) | Update service configuration to support limiting the number of authorized clients per MCPTT/MCData user | | | Nokia, Nokia Shanghai Bell | CR 0142 24.484 Rel-16 |  | |
|  |  | | [C1-203722](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203722.zip) | Update service authorization procedures to support limiting the number of authorized clients per MCData user | | | Nokia, Nokia Shanghai Bell | CR 0177 24.282 Rel-16 |  | |
|  |  | | [C1-203723](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203723.zip) | Restricting incoming MCData communications MO | | | Nokia, Nokia Shanghai Bell | CR 0078 24.483 Rel-16 |  | |
|  |  | | [C1-203724](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203724.zip) | Restricting incoming MCData communications- control | | | Nokia, Nokia Shanghai Bell | CR 0178 24.282 Rel-16 |  | |
|  |  | | [C1-203725](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203725.zip) | Restricting incoming MCData communications- user profile | | | Nokia, Nokia Shanghai Bell | CR 0143 24.484 Rel-16 |  | |
|  |  | | C1-203726 | MO Corrections | | | Nokia, Nokia Shanghai Bell | CR 0079 24.483 Rel-16 | Withdrawn  Document not uploaded on | |
|  |  | | [C1-203727](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203727.zip) | Corrections on the structure of MCPTT user profile | | | Nokia, Nokia Shanghai Bell | CR 0144 24.484 Rel-16 |  | |
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|  | eIMS5G\_SBA | |  | Jörgen – Breakout | | |  |  | CT aspects of SBA interactions between IMS and 5GC | |
|  |  | | [C1-202066](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202066.zip) | No impact from SBA on main body | | | Nokia, Nokia Shanghai Bell, Ericsson | CR 6408 24.229 Rel-16 | Agreed  Revision of C1-200353 | |
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|  | enh2MCPTT-CT | |  | Jörgen – Breakout | | |  |  | Enhancements for Mission Critical Push-to-Talk CT aspects  100% | |
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|  | eIMSVideo | |  | Jörgen – Breakout | | |  |  | Video enhancement of IMS CAT/CRS/announcement services | |
|  |  | | [C1-202817](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202817.zip) | Restrictions of providing video announcement | | | China Telecom,Huawei,China Unicom,HiSilicon / Michelle | CR 0076 24.628 Rel-16 | Agreed  Revision of C1-202356  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . | |
|  |  | | [C1-202863](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202863.zip) | Use preconditions for CRS when terminating UE supports precondition | | | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0063 24.183 Rel-16 | Agreed  Revision of C1-202605  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Revision of C1-202156  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  |  | | [C1-202891](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202891.zip) | Use preconditions for CAT when originating UE supports precondition | | | Huawei,China Telecom,China Unicom,HiSilicon /Hongxia | CR 0119 24.182 Rel-16 | Agreed  Revision of C1-202604  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Revision of C1-202155  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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|  |  | | [C1-203249](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203249.zip) | Preconditions correction for forking model | | | Ericsson /Jörgen | CR 0120 24.182 Rel-16 |  | |
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|  | Other Rel-16 IMS & MC issues | |  | Jörgen – Breakout | | |  |  | Other Rel-16 IMS topics | |
|  |  | | [C1-202072](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202072.zip) | Correction in CRS interactions with CDIV | | | Orange / Mariusz | CR 0062 24.183 Rel-16 | Agreed | |
|  |  | | [C1-202080](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202080.zip) | UE must not render local tones in case of call is being forwarded or call is queued | | | Qualcomm Incorporated | CR 0075 24.628 Rel-16 | Agreed | |
|  |  | | [C1-202081](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\123-e_electronic_0420\docs\C1-202081.zip) | NG eCall support over NR connected to the 5GC | | | Qualcomm Incorporated | CR 6414 24.229 Rel-16 | Agreed | |
|  |  | | [C1-202759](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202759.zip) | Correction in IMS\_Registration\_handling policy about how UE should deregister | | | MediaTek Inc. | CR 6404  24.229 Rel-16 | Agreed | |
|  |  | | [C1-202837](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202837.zip) | SRVCC from E-UTRAN to GERAN/UTRAN when IMS voice call is initiated in 5GS | | | Ericsson / Ivo | CR 1298 24.237 Rel-16 | Agreed  Revision of C1-202133 | |
|  |  | | [C1-202917](file:///C:\Users\etxjaxl\OneDrive%20-%20Ericsson%20AB\Documents\All%20Files\Standards\3GPP\Meetings\2004Dubrovnik\CT1\Docs\C1-202917.zip) | Editorial clean-up | | | Ericsson /Jörgen | CR 0064 24.183 Rel-16 | Agreed  Revision of C1-202785  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Revision of C1-202488  . | |
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|  |  | | [C1-203038](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203038.zip) | NG eCall support over NR connected to the 5GC | | | Qualcomm Incorporated | CR 6414 24.229 Rel-16 | Revision of C1-202081 | |
|  |  | | [C1-203086](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203086.zip) | Support of "a=3gpp-qos-hint" SDP attribute for MTSI data channels | | | Ericsson / Nevenka | CR 6418 24.229 Rel-16 |  | |
|  |  | | [C1-203093](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203093.zip) | IMS call restoration on UE | | | Huawei, HiSilicon | CR 6419 24.229 Rel-16 |  | |
|  |  | | [C1-203408](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203408.zip) | SRVCC from E-UTRAN to GERAN/UTRAN when IMS voice call is initiated in 5GS and support of scenario where the SCC AS sends a request to the HSS to retrieve the SRVCC data for the UE using SBA | | | BlackBerry UK Ltd. | CR 1300 24.237 Rel-16 |  | |
|  |  | | [C1-203469](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203469.zip) | EPS fallback | | | Motorola Mobility, Lenovo | CR 6422 24.229 Rel-16 |  | |
|  |  | | [C1-203472](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203472.zip) | Registration and Authentication | | | Motorola Mobility, Lenovo | CR 0143 24.173 Rel-16 |  | |
|  |  | | [C1-203745](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203745.zip) | Correction of data type for verification signing | | | Ericsson /Jörgen | CR 6423 24.229 Rel-16 |  | |
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|  | Release 17  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Work Item Descriptions | |  | Peter - Main | | |  |  | New and revised Work Item Descritpions | |
|  |  | | [C1-203069](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203069.zip) | Stage-3 5GS NAS protocol development 17 | | | Ericsson / Ivo | WID new Rel-17 |  | |
|  |  | | [C1-203079](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203079.zip) | New WID on Stage 3 of Multimedia Priority Service (MPS) Phase 2 | | | Perspecta Labs Inc. | WID new Rel-17 |  | |
|  |  | | [C1-203094](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203094.zip) | eIMS5G\_nonSBA SID | | | Huawei, HiSilicon | SID new Rel-17 |  | |
|  |  | | [C1-203113](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203113.zip) | New on Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode | | | DOCOMO Communications Lab. | WID new Rel-17 |  | |
|  |  | | [C1-203220](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203220.zip) | New WID on Stage-3 SAE Protocol Development | | | InterDigital Communications | WID new Rel-17 |  | |
|  |  | | [C1-203293](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203293.zip) | CT aspects of Enhancements to Functional architecture and information flows for Mission Critical Data | | | AT&T / Val | WID new Rel-17 |  | |
|  |  | | [C1-203331](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203331.zip) | CT aspects of 5G ProSe | | | OPPO / Rae | WID new Rel-17 |  | |
|  |  | | [C1-203514](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203514.zip) | Multi-device and multi-identity enhancements | | | vivo Mobile Communication, Ericsson, China Mobile | WID new Rel-17 |  | |
|  |  | | [C1-203729](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203729.zip) | New WID on IMS Stage-3 IETF Protocol Alignment | | | Nokia, Nokia Shanghai Bell | WID new Rel-17 |  | |
|  |  | | [C1-203644](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203644.zip) | Protocol enhancements for Mission Critical Services | | | Ericsson /Jörgen | WID new | Shifted from 16.1 | |
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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 | |
|  |  | | [C1-203292](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203292.zip) | Impacts of eV2XAPP to CT WGs | | | Huawei, HiSilicon /Christian | discussion Rel-17 |  | |
|  |  | | [C1-203330](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203330.zip) | Discussion paper on CT aspects of 5G\_ProSe | | | OPPO / Rae | discussion Rel-17 |  | |
|  |  | | [C1-203716](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203716.zip) | Impacts of UASAPP to CT WGs | | | Huawei, HiSilicon/Lin | discussion Rel-17 |  | |
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|  | Status of other Work Items | |  | Peter - Main | | |  |  | Status information on other relevant Rel-17 Work Items | |
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|  | Release 17 documents for information | |  | Peter - Main | | |  |  | Miscellaneous documents provided for information | |
|  |  | | [C1-203368](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203368.zip) | Discussion paper on 5MBS work item | | | Huawei | discussion Rel-17 |  | |
|  |  | | [C1-203369](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203369.zip) | Technical feasibility of Solution #13 in 3GPP TR 23.737 | | | Nokia, Nokia Shanghai Bell, Thales | discussion Rel-17 |  | |
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|  | Output Liaison Statements | | Tdoc | Title | | | Prepared by | To/CC | Result & comment | |
|  |  | | C1-203114 | [Draft] Reply to LS on PLMN selection solutions for satellite access | | | THALES | LS out Rel-17 | Withdrawn | |
|  |  | | [C1-203115](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203115.zip) | Reply to LS on PLMN selection solutions for satellite access | | | THALES | LS out Rel-17 |  | |
|  |  | | [C1-203221](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203221.zip) | Reply LS on support of eCall over NR | | | Qualcomm Incorporated / Lena | LS out Rel-16 |  | |
|  |  | | [C1-203252](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203252.zip) | LS on PDU session release for UE in RRC INACTIVE state with NG-RAN paging failure | | | Nokia Shanghai Bell | LS out Rel-16 | Revision of C1-202849 | |
|  |  | | C1-203264 | [Draft] LS on Unicode based pictogram for 3GPP ePWS work | | | SyncTechno Inc. | LS out Rel-16 | Withdrawn | |
|  |  | | [C1-203288](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203288.zip) | [draft]LS on link identifier update | | | vivo | LS out Rel-16 |  | |
|  |  | | [C1-203121](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203121.zip) | Reply LS on AAA-S via NSSAAF to support NSSAA | | | China Telecom Corporation Ltd. | LS out Rel-16 | Shifted from 16.2.6 | |
|  |  | | [C1-203346](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203346.zip) | LS on secure that a UE does not wait indefinitely for completion of NSSAA procedure | | | ZTE / Shuang | LS out Rel-16 |  | |
|  |  | | [C1-203352](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203352.zip) | Reply LS on 5G Steering of Roaming | | | DOCOMO Communications Lab. | LS out Rel-16 | Related CR in C1-203351 | |
|  |  | | [C1-203417](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203417.zip) | LS on mandate to provide "any PLMN" entry in the non-3GPP access node selection information | | | BlackBerry UK Ltd. | LS out | related to C1-203416 (DISC) and C1-203412 - C1-203413 (CRs) | |
|  |  | | [C1-203473](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203473.zip) | Reply LS on the applicability of 5G NAS protocol for 5G-RG and FN-RG (LIAISE-397) | | | Huawei, HiSilicon /Christian | LS out Rel-16 |  | |
|  |  | | [C1-203474](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203474.zip) | Reply LS on status of 5WWC work | | | Huawei, HiSilicon /Christian | LS out Rel-16 |  | |
|  |  | | [C1-203482](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203482.zip) | LS on Early UE capoability retrieval | | | Qualcomm Incorporated / Amer | LS out Rel-16 | Shifted from 16.2.8 | |  |
|  |  | | [C1-203503](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\2nd\C1-203503.zip) | Reply LS on IANA assigned values for mission critical | | | Ericsson /Jörgen | LS out |  | |
|  |  | | [C1-203537](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203537.zip) | Reply to LS on Updated User Plane Integrity Protection advice | | | Samsung/Kundan | LS out Rel-16 |  | |
|  |  | | [C1-203588](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203588.zip) | LS on NAS uplink COUNT used for AS SMC at radio bearer establishment | | | MediaTek Inc. / Marko | LS out Rel-16 |  | |
|  |  | | [C1-203674](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\3rd\C1-203674.zip) | Reply LS on QoE Measurement Collection | | | Ericsson /Jörgen | LS out |  | |
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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 | |
|  |  | | [C1-203032](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203032.zip) | void | | | RAN2 | LS in | Withdrawn | |
|  |  | | [C1-203033](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\124-e-electronic_0620\docs\C1-203033.zip) | Void | | | RAN2 | LS in | Withdrawn | |
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|  | A.O.B. | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
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|  | Closing  Friday  by 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:**  **Tuesday 9th June 2020 16:00 CEST**  **Last comments:**  **Wednesday 10th June 2020 16:00 CEST**  **Chairman Report of the meeting:**  **Thursday 11th June 2020** | | |  |  |  | |
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