**3GPP TSG CT WG1 Meeting#127bis-e** **C1-210004**

**Electronic meeting, 25-29 January 2021**

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| Meeting documents by agenda itemMeeting:Meeting #127bis-eElectronic meeting25 - 29 January 2021**All indicated times are UTC (except timestamps for comments during the e-meeting, which are in CET)** |
| Cyan background means allocated but not available. | Yellow background means available but not yet treated document. | Green background means this document was agreed at a revious meeting in this plenary cycle. | White background means that the document has been handled in the meeting and a decision has been made. |
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|  | Additional Colour coding for Tdocs in the 1st row |
|  | Late Papers |
|  | Easy and uncontroversial papers – can be presented within 2 minutes |
|  | Papers for common sessions |
|  | Low Priority |
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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 activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chair and Vice Chairman. In case of question I recommend that you contact your legal counsel.The leadership shall conduct the present meeting with impartiality and in the interests of 3GPP.Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. |
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|  |  | **Usage if WiFi**During 3GPP meetings, IT support staff have noticed an increasing amount of RF pollution from private, ad hoc, wireless networks (Wi-Fi Direct, hot-spots hosted on mobile phones, …), and this gives rise to reduced throughput capability of the 3GPP WLAN. I would like to remind delegates to disable all such non-3GPP Wi-Fi networks while they are in the meeting rooms or adjacent areas. This will allow the quality of connection to the 3GPP Wi-Fi network which delegates have a right to expect. |
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|  |  | 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 |
|  |  | C1-210001 | 3GPP TSG CT1#127bis-e – agenda for Tdoc allocation  | CT1 chair | agenda  |  |
|  |  | C1-210002 | 3GPP TSG CT1#127bis-e – agenda after Tdoc allocation deadline | CT1 chair | agenda  |  |
|  |  | C1-210003 | 3GPP TSG CT1#127bis-e – agenda with proposed LS-actions | CT1 chair | agenda  |  |
|  |  | C1-210004 | 3GPP TSG CT1#127bis-e – agenda at start of meeting | CT1 chair | agenda  |  |
|  |  | C1-210005 | 3GPP TSG CT1#127bis-e – agenda Thursday evening  | CT1 chair | agenda |  |
|  |  | C1-210006 | 3GPP TSG CT1#127bis-e – agenda at end of meeting | CT1 chair | agenda  |  |
|  |  | [C1-210007](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210007.zip) | draft C1-127 meeting report | MCC | report  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  | Highest number C1-210261 |
|  |  |  |  |  |  |  |
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|  |   | **Agenda**Tdoc reservation deadline: Monday 18th January 11:00 UTCTdoc submission deadline: Monday 18th January 14:00 UTCStart of e-meeting: Monday 25th January 08:00 UTC**Comment Free Time** Thursday 28th January 11:00 - 15:00 UTCLast revision upload: Thursday 28th January 15:00 UTCLast comments: Friday 29th January 15:00 UTC 1 Opening 2 Agenda and Reports 3 work organization  4 incoming LS (22) **Rel-14 and earlier:**  Not on agenda**Rel-15:**  Not on agenda**Rel-16:** **Agenda Items from 16.1** Not on agenda**Agenda Items from 16.2** Not on agenda**Agenda Items from 16.3** Not on agenda**Rel-17:** **Agenda Items from 17.1** 17.1.1 Work Item descriptions (11) 17.1.2 CRs and disc related to new/revised work items (4) 17.1.3 Status of other work items () 17.1.4 Rel-17 docs for information (1)**Agenda Items from 17.2** 17.2.1 not on agenda () 17.2.2 not on agenda () 17.2.3 eCPSOR\_CON (20) 17.2.4 5GSAT\_ARCH-CT (42) 17.2.5 SMS\_SBI (0) 17.2.6 AKMA-CT (8) 17.2.7 PAP\_CHAP (1) 17.2.8 RDSSI (0) 17.2.9 FS\_MINT-CT (73) 17.2.10 EDGEAPP (7) 17.2.11 not on agenda ()**Agenda Items from 17.3** 17.3.1 not on agenda () 17.3.2 not on agenda () 17.3.3 FS\_eIMS5G2 (7) 17.3.4 MuDe (8) 17.3.5 MPS2 (1) 17.3.6 eMCData3 (3) 17.3.7 MCSMI\_CT (0) 17.3.8 eMCCI\_CT (0) 17.3.9 enh3MCPTT-CT (13) 17.3.10 eMONASTERY2 (7) 17.3.12 not on agenda () 18 outgoing LS (7) |
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|  | Work organisation  | Tdoc | Title | Source | To / CC | Result & comments |
|  | Meeting schedule |  |  |
|  |  |  | CT1 and CT plenary meeting dates. |
|  |  |  | Date | Meeting | Venue |
|  |  |  | 25 – 29 January 2021 | CT1#127bis-e | Electronic Meeting |
|  |  |  | 01 – 05 March 2021 | CT1#128 | Cancelled |
|  |  |  | 25 Feb - 05 March 2021 | CT1#128-e | Electronic Meeting |
|  |  |  | 22 – 24 March 2021 | CT plenary#91e | Electronic Meeting |
|  |  |  | 19 – 23 April 2021 | CT1#129 | Tbd |
|  |  |  | 24 – 28 May 2021 | CT1#130 | Tbd |
|  |  |  | 14 – 16 June 2021 | CT plenary#92e | Electronic Meeting |
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|  | Work Plan and other adm. issues | Tdoc | Title | Source | Spec /doctype | Result & comments |
|  |  | [C1-210008](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210008.zip) | work plan | MCC | Work Plan  |  |
|  |  | [C1-210025](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210025.zip) | Decision making– Show of hands via email | CT1 Chair | other  |  |
|  |  | [C1-210026](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210026.zip) | CT1#127bis-e – Process and Scope | CT1 Chair | other  |  |
|  |  | [C1-210246](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210246.zip) | Usage of inclusive language | CT1 Chair | discussion  |  |
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|  | Input Liaison statements | Tdoc | Title | Source | To / CC | Result & comments |
|  |  | [C1-210029](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210029.zip) | Reply LS on the re-keying procedure for NR SL (R2-2010963) | RAN2 | To | Proposed PostponedRel-16 |
|  |  | [C1-210030](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210030.zip) | Reply LS on NAS procedure guard timers for GEO satellite (R2-2011230) | RAN2 | To | Proposed NotedRelated pCRs in C1-210068 and C1-210121 |
|  |  | [C1-210031](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210031.zip) | Reply LS on Cell Configuration within TA/RA to Support Allowed NSSAI (R3-207147) | RAN3 | Cc | Proposed Noted |
|  |  | [C1-210036](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210036.zip) | LS on inconsistency in specifying handling of MCPTT SIP 183 (Session Progress) response in TS 24.379 (R5-206258) | RAN5 | To | Proposed tbd (if meeting decides that this is a Rel-17 item, then it can be handled)Rel-14/Rel-15Related CR [C1-210255](file:///C%3A%5CUsers%5Cetxjaxl%5COneDrive%20-%20Ericsson%20AB%5CDocuments%5CAll%20Files%5CStandards%5C3GPP%5CMeetings%5C2101Elbonia%5CCT1%5CDocs%5CC1-210255.zip) and [C1-210256](file:///C%3A%5CUsers%5Cetxjaxl%5COneDrive%20-%20Ericsson%20AB%5CDocuments%5CAll%20Files%5CStandards%5C3GPP%5CMeetings%5C2101Elbonia%5CCT1%5CDocs%5CC1-210256.zip). Related LS out in [C1-210258](file:///C%3A%5CUsers%5Cetxjaxl%5COneDrive%20-%20Ericsson%20AB%5CDocuments%5CAll%20Files%5CStandards%5C3GPP%5CMeetings%5C2101Elbonia%5CCT1%5CDocs%5CC1-210258.zip) |
|  |  | [C1-210037](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210037.zip) | LS on failing initial registration without Retry-After header field (R5-206259) | RAN5 | To | Proposed tbdAre there any contributions? We need a reply LS |
|  |  | [C1-210038](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210038.zip) | LS on integrity and confidentiality protection of xcap-diff and pidf documents in MCPTT (TS 24.379) (R5- 206273) | RAN5 | To | Proposed PostponedRel-14, Rel-15 |
|  |  | [C1-210039](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210039.zip) | LS on SDP attribute a=key-mgmt:mikey (R5-206283) | RAN5 | To | Proposed tbdAre there any contributions? We need a reply LS |
|  |  | [C1-210040](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210040.zip) | Reply LS on high priority service exempt from release due to SOR (S1-204376) | SA1 | To | Proposed NotedRelated CR in C1-210114 |
|  |  | [C1-210041](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210041.zip) | LS on Satellite RATs for PLMN selection (S1-204379) | SA1 | To | Proposed NotedRelated pCR in C1-210032, C1-210067, C1-210092, C1-210137Should be forwarded to CT6 |
|  |  | [C1-210042](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210042.zip) | Reply LS on MuDe functionality (S1-204380) | SA1 | To | Proposed NotedRelated Disc in in C1-210120 |
|  |  | [C1-210043](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210043.zip) | Reply LS on SNPN access mode when UE accesses SNPN services via a PLMN (S2-2009206) | SA2 | To | Proposed PostponedRel-16 |
|  |  | [C1-210044](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210044.zip) | Reply LS on Location Information for SMS over IMS (S2-2009332) | SA2 | Cc | Proposed PostponedRel-16 |
|  |  | [C1-210045](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210045.zip) | Reply LS on Additional Clarifications on LI requirements applicable to SNPNs (S2-2009335) | SA2 | Cc | Proposed PostponedRel-16 |
|  |  | [C1-210046](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210046.zip) | Reply LS on early UE capability retrieval for eMTC (S2-2009345) | SA2 | Cc | Proposed PostponedRel-16/Rel-17 |
|  |  | [C1-210047](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210047.zip) | LS on NR satellite access PLMN selection (S2-2009485) | SA2 | To | Proposed tbdRelated DISC in C1-210069, C1-210123, C1-210140draft reply LS in C1-210070, C1-210124, C1-210141 |
|  |  | [C1-210048](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210048.zip) | Reply to LS C1-206576 on the re-keying procedure for NR SL (S3-203483) | SA3 | To | Proposed PostponedRel-16 |
|  |  | [C1-210049](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210049.zip) | Reply LS on Counter of UEs Registering Network Slice (S5-206346) | SA5 | Cc | Proposed PostponedRel-16 |
|  |  | [C1-210050](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210050.zip) | LS on APIs in EDGEAPP (S6-202009) | SA6 | To | Proposed: tbdDraft reply LS in [C1-210226](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210226.zip), [C1-210189](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210189.zip) |
|  |  | [C1-210028](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210028.zip) | Reply to LS on APIs in EDGEAPP (C3-205439) | CT3 | Cc | Proposed NotedCT3 answer to SA6 LS in C1-210050 |
|  |  | [C1-210051](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210051.zip) | LS on Use of Inclusive Language in 3GPP (SP-201143) | TSG SA | To | Proposed NotedSee C1-210246 for info on specs that need a CR |
|  |  | [C1-210052](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210052.zip) | LS on initiation of new work item Q.Sig\_Req\_ETS\_IMS\_roaming “Signalling requirements for emergency telecommunication service in IMS roaming environment” (SG11-LS165) | ITU-T Study group 11 | To | Proposed NotedLS will be addressed by SA2, as discussed during the SA/CT/RAN coordination session, see also notes from SA plenaryftp://ftp.3gpp.org/tsg\_sa/TSG\_SA/TSGs\_90E\_Electronic/Report/SA%2390-e\_Notes\_of\_CC%235\_v1.zip. |
|  |  | [C1-210261](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210261.zip) | LS on MINT requirements (S1-204329) | SA1 | To | Proposed NotedRelated discussion in C1-210126Related pCR in C1-210220 |
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|  | Release 8work items | Tdoc | **NOT IN SCOPE** | Source | Tdoc info  | Result & comments |
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|  | Release 17work items | Tdoc | Title | Source | Tdoc info  | Result & comments |
|  | Tdocs on work items |  |  |  |  |  |
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 | Work Item Descriptions |  | Peter - Main |  |  | New and revised Work Item Descritpions |
|  |  | [C1-210009](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210009.zip) | New WID on CT aspects of Enhanced support of Non-Public Networks | Ericsson / Ivo | WID new  | CT1 lead |
|  |  | [C1-210024](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210024.zip) | New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking  | Qualcomm Korea | WID new Rel-17 | CT1 lead |
|  |  | [C1-210027](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210027.zip) | New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 | ZTE, China Telecom | WID new Rel-17 | CT1 lead |
|  |  | [C1-210054](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210054.zip) | New WID on CT aspects of enhanced support of industrial IoT | Nokia, Nokia Shanghai Bell | WID new Rel-17 | CT1 lead |
|  |  | [C1-210055](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210055.zip) | CT aspects of proximity based services in 5GS | CATT, OPPO | WID new Rel-17 | CT1 lead |
|  |  | [C1-210088](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210088.zip) | Enhancement of Network Slicing Phase 2 | ZTE, China Telecom | WID new Rel-17 | CT1 leadNew revision number is C1-210269 |
|  |  | [C1-210206](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210206.zip) | New WID on CT Aspects of 5G eEDGE | Huawei, HiSlicon/Lin | WID new Rel-17 | CT4 lead |
|  |  | [C1-210273](https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_127bis-e/Docs/C1-210273.zip) | New WID on Enabling Multi-USIM devices  | Intel / Vivek | WID new Rel-17 | Revision of C1-210198\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CT1 lead |
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|  |  | [C1-210058](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210058.zip) | Revised WID on Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode | CT1 | WID revised Rel-17 | Revision of CP-202186 |
|  |  | [C1-210135](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210135.zip) | Revised WID on CT aspects of 5GC architecture for satellite networks | Qualcomm Incorporated / Amer | WID revised Rel-17 |  |
|  |  | [C1-210219](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210219.zip) | Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS | Ericsson | WID revised Rel-17 | Revision of CP-202251 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | CRs and Discussion Documents related to new or revised Work Items |  | Peter - Main |  |  | CRs and Disc papers related to new Work Items  |
|  |  | [C1-210010](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210010.zip) | Discussion on CT aspects of Enhanced support of Non-Public Networks | Ericsson / Ivo | discussion Rel-17 | Revision of C1-207073 |
|  |  | [C1-210056](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210056.zip) | Discussion on CT impacts of 5G\_ProSe | OPPO, CATT | discussion Rel-17 |  |
|  |  | [C1-210087](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210087.zip) | Impacts of eNS\_Ph2 to CT WGs | ZTE | discussion  |  |
|  |  | [C1-210199](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210199.zip) | Discussion on Enabling Multi-USIM devices  | Intel / Vivek | 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 |
|  |  | [C1-210207](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210207.zip) | 5G eEDGE CT work plan | Huawei, HiSlicon/Lin | discussion Rel-17 |  |
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|  |  |  |  |  |  |  |
|  | WIs for common and EPS/5GS |  |  |  |  | WIs mainly targeted for common sessions and EPS/5GS |
|  | SAES17 WIs |  | **NOT IN SCOPE** |  |  | Stage-3 SAE protocol development for Rel-17 |
|  | SAES17 |  | **NOT IN SCOPE** |  |  | General Stage-3 SAE protocol development |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | SAES17-CSFB |  | **NOT IN SCOPE** |  |  | Stage-3 SAE protocol development related to Circuit Switched Fall Back |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | SAES17-non3GPP |  | **NOT IN SCOPE** |  |  | Stage-3 SAE protocol development related to non-3GPP access |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | 5GProtoc17 WIs |  | **NOT IN SCOPE** |  |  | Stage-3 5GS NAS protocol development for Rel-17 |
|  | 5GProtoc17 |  | **NOT IN SCOPE** |  |  | General Stage-3 5GS NAS protocol development |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | 5GProtoc17-non3GPP |  | **NOT IN SCOPE** |  |  | Stage-3 5GS NAS protocol development related to non-3GPP access |
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|  | eCPSOR\_CON |  | Peter –Main  |  |  | Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode |
|  |  | [C1-210059](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210059.zip) | Handling of multiple Tsor-cm timers and multiple PDU sessions | DOCOMO Communications Lab. | discussion Rel-17 | Related CRs in C1-210060 and C1-210061 |
|  |  | [C1-210060](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210060.zip) | Handling and coordination of multiple Tsor-cm timers | DOCOMO Communications Lab. | CR 0644 23.122 Rel-17 | 0197 and 0060 are altenatives |
|  |  | [C1-210061](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210061.zip) | Setting Tsor-cm timer for new or modified PDU sessions | DOCOMO Communications Lab. | CR 0645 23.122 Rel-17 | 0086 and 0061 are altenatives |
|  |  | [C1-210062](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210062.zip) | Removing resolved Editor's Notes and general corrections | DOCOMO Communications Lab. | CR 0646 23.122 Rel-17 | Overlaps with C1-210187 |
|  |  | [C1-210063](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210063.zip) | No de-registration when Tsor-cm stops due to going to idle mode | OPPO / Rae | CR 0647 23.122 Rel-17 |  |
|  |  | [C1-210085](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210085.zip) | UE behavior upon receiving higher priority PLMN ID in the SOR transparent container | SHARP | CR 0648 23.122 Rel-17 | FF: not sure what’s wrong. Please revise the CR before final agreement with a **fresh cover sheet**. |
|  |  | [C1-210086](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210086.zip) | UE behavior while timer Tsor-cm is running | SHARP | CR 0649 23.122 Rel-17 | FF: not sure what’s wrong. Please revise the CR before final agreement with a **fresh cover sheet**0086 and 0061 are altenatives |
|  |  | [C1-210106](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210106.zip) | Preventing sending of SOR-CMCI when the UE does not support SOR-CMCI | Ericsson / Ivo | CR 0650 23.122 Rel-17 |  |
|  |  | [C1-210107](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210107.zip) | Configuring UE with SOR-CMCI | Ericsson / Ivo | CR 0651 23.122 Rel-17 |  |
|  |  | [C1-210114](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210114.zip) | Configuration of services exempted from release due to SOR at the UE | Qualcomm Incorporated / Lena | CR 0652 23.122 Rel-17 |  |
|  |  | [C1-210164](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210164.zip) | Analysis on the storage of SOR-CMCI in the UE | NTT DOCOMO INC. | discussion Rel-17 | Related with Cr C1-210165 |
|  |  | [C1-210165](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210165.zip) | Storage of SOR-CMCI in the UE | NTT DOCOMO INC. | CR 0653 23.122 Rel-17 |  |
|  |  | [C1-210186](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210186.zip) | Definition of CP-SOR | vivo | CR 0654 23.122 Rel-17 |  |
|  |  | [C1-210187](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210187.zip) | UDM obtaining SOR-CMCI from the SOR-AF | vivo | CR 0655 23.122 Rel-17 | Overlaps with C1-210062 |
|  |  | [C1-210188](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210188.zip) | UDM obtaining SOR-CMCI using the Nsoraf\_SoR\_Get service operation | vivo | CR 0656 23.122 Rel-17 |  |
|  |  | [C1-210195](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210195.zip) | UE behavior upon receiving new timer valuer for Tsor-cm timer | SHARP | CR 0657 23.122 Rel-17 |  |
|  |  | [C1-210196](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210196.zip) | Handling of timer Tsor-cm when changing the network selection mode to manual mode | SHARP | CR 0658 23.122 Rel-17 |  |
|  |  | [C1-210197](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210197.zip) | Handling of timer Tsor-cm when SOR-CMCI has more than one criterion applicable for multiple PDU sessions and services | SHARP | CR 0659 23.122 Rel-17 | 0197 and 0060 are altenatives |
|  |  | [C1-210217](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210217.zip) | PLMN selection when the emergency PDU session is released | vivo | CR 0660 23.122 Rel-17 |  |
|  |  | [C1-210242](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210242.zip) | eCPSOR\_CON work plan | DOCOMO Communications Lab. | other Rel-17 |  |
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|  |  |  |  |  |  |  |
|  | 5GSAT\_ARCH-CT |  | Peter –Main  |  |  | CT aspects of 5GC architecture for satellite networksNew TR 24.821**Is TR 24.821 ready to be sent for information?** |
|  |  | [C1-210032](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210032.zip) | Solution to KI#5-access technology | China Mobile | pCR 24.821 Rel-17 | x032, x067, x137, x139 are related to KI#5 |
|  |  | [C1-210033](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210033.zip) | Solution to KI#6-About MCC limitation | China Mobile | pCR 24.821 Rel-17 | x033, x034, x121 are related to KI#6 |
|  |  | [C1-210034](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210034.zip) | Solution to KI#6-About priority of PLMNs in satellite access | China Mobile | pCR 24.821 Rel-17 | x033, x034, x121 are related to KI#6 |
|  |  | [C1-210035](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210035.zip) | Solution to KI#7-Emergency calls | China Mobile | pCR 24.821 Rel-17 | x035, x134, x173 are related to KI#7 |
|  |  | [C1-210064](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210064.zip) | Clarifying between the definition of "same country" and "same MCC" | OPPO / Chen | pCR 24.821 Rel-17 |  |
|  |  | [C1-210065](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210065.zip) | PLMN's broadcast of countries it can be selected and LI requirements | OPPO / Chen | discussion Rel-17 |  |
|  |  | [C1-210066](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210066.zip) | KI#2, Update: Regulatory, security and LI requirements and PLMN selection | OPPO / Chen | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2 |
|  |  | [C1-210067](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210067.zip) | KI#5 Update: Removal of unnecessary RAT types for satellite access | OPPO / Chen | pCR 24.821 Rel-17 | x032, x067, x137, x139 are related to KI#5 |
|  |  | [C1-210068](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210068.zip) | KI#6, Update to Solution8 to remove Editor's notes | OPPO / Chen | pCR 24.821 Rel-17 |  |
|  |  | [C1-210069](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210069.zip) | Discussion on SA2's questions on NR satellite access PLMN selection | OPPO / Chen | discussion Rel-17 |  |
|  |  | [C1-210089](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210089.zip) | Solution to Key Issue 2, 3 and 4: Determination of accessible PLMN/satellite NG-RAN combination | MediaTek Inc. / Carlson | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2x089, x090, x091, x122 are related to KI#3x089, x111, x204, x243 are related to KI#4 |
|  |  | [C1-210090](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210090.zip) | Solution to Key Issue 2 and 3: Detecting change of country and in/out of international areas Alternative 1 | MediaTek Inc. / Carlson | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2x089, x090, x091, x122 are related to KI#3 |
|  |  | [C1-210091](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210091.zip) | Solution to Key Issue 2 and 3: Detecting change of country and in/out of international areas Alternative 2 | MediaTek Inc. / Carlson | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2x089, x090, x091, x122 are related to KI#3 |
|  |  | [C1-210092](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210092.zip) | Solution to Key Issue 5: Handling of new satellite NG-RAN Access Technology Identifier | MediaTek Inc. / Carlson | pCR 24.821 Rel-17 |  |
|  |  | [C1-210093](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210093.zip) | Solution to Key Issue 1: UE is assumed with GNSS capabilities | MediaTek Inc. / Carlson | pCR 24.821 Rel-17 | x093, x113, x138, x202 are related to KI#1 |
|  |  | [C1-210111](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210111.zip) | Correction for SOL#2 and SOL#4: document impact on SoR | BlackBerry UK Ltd. | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2x089, x111, x204, x243 are related to KI#4 |
|  |  | [C1-210112](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210112.zip) | Optimization for SOL#4: deprioritize TN accesses | BlackBerry UK Ltd. | pCR 24.821 Rel-17 |  |
|  |  | [C1-210113](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210113.zip) | Correction for KI#1 and SOL#1: applicability of legacy procedures to determine the country serving the area | BlackBerry UK Ltd. | pCR 24.821 Rel-17 | x093, x113, x138, x202 are related to KI#1 |
|  |  | [C1-210121](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210121.zip) | Solution to Key Issue #6 | Apple | pCR 24.821 Rel-17 | x033, x034, x121 are related to KI#6 |
|  |  | [C1-210122](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210122.zip) | Solution to Key Issue #3 | Apple | pCR 24.821 Rel-17 | x089, x090, x091, x122 are related to KI#3 |
|  |  | [C1-210123](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210123.zip) | Discussion on C1-210047 (NR satellite access PLMN selection) | Apple | discussion Rel-17 |  |
|  |  | [C1-210134](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210134.zip) | Correction in KI #7 | Nokia, Nokia Shanghai Bell | pCR 24.821 Rel-17 | x035, x134, x173 are related to KI#7 |
|  |  | [C1-210136](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210136.zip) | Updates to KI2 | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2 |
|  |  | [C1-210137](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210137.zip) | Updates to KI5 | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 | x032, x067, x137, x139 are related to KI#5 |
|  |  | [C1-210138](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210138.zip) | Solution to KI1 | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 | x093, x113, x138, x202 are related to KI#1 |
|  |  | [C1-210139](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210139.zip) | Solution to KI5 | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 | x032, x067, x137, x139 are related to KI#5 |
|  |  | [C1-210140](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210140.zip) | Discussion on the reply LS to SA2 on NR satelltie access PLMN selection | Qualcomm Incorporated / Amer | discussion 24.821 Rel-17 |  |
|  |  | [C1-210170](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210170.zip) | Editor’s notes on selection of a PLMN not allowed from a UE’s location | Nokia, Nokia Shanghai Bell | pCR 24.821 Rel-17 |  |
|  |  | [C1-210171](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210171.zip) | LI requirement applicable to all UEs compliant to Rel-17 and beyond | Nokia, Nokia Shanghai Bell | pCR 24.821 Rel-17 |  |
|  |  | [C1-210172](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210172.zip) | Conclusions to KI #1 | Nokia, Nokia Shanghai Bell | pCR 24.821 Rel-17 |  |
|  |  | [C1-210173](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210173.zip) | New solution to KI #7 | Nokia, Nokia Shanghai Bell | pCR 24.821 Rel-17 | x035, x134, x173 are related to KI#7 |
|  |  | [C1-210202](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210202.zip) | Clarification of Solution 1 for key issue 1 | Ericsson, Nokia, Nokia Shanghai Bell, Oppo / Mikael | pCR 24.821 Rel-17 | x093, x113, x138, x202 are related to KI#1 |
|  |  | [C1-210203](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210203.zip) | Clarification of Solution 2 for key issue 2 | Ericsson, Oppo / Mikael | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2 |
|  |  | [C1-210204](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210204.zip) | Clarification of Solution 7 for key issue 4 | Ericsson, Oppo / Mikael | pCR 24.821 Rel-17 | x089, x111, x204, x243 are related to KI#4 |
|  |  | [C1-210205](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210205.zip) | New solution for key issue 2 | Ericsson, Oppo / Mikael | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2 |
|  |  | [C1-210229](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210229.zip) | Discussion paper on country mapping limitations impacts on PLMN selection | THALES | discussion 24.821  |  |
|  |  | [C1-210231](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210231.zip) | Solution 2 description enhancement | THALES | pCR 24.821 Rel-17 | x066, x089, x090, x091, x111, x136, x203, x205, x231 are related to KI#2 |
|  |  | [C1-210241](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210241.zip) | Discussion paper on PLMN selection on shared/global PLMN  | LG Electronics Inc. | discussion  |  |
|  |  | [C1-210243](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210243.zip) | Solution to KI#2 on PLMN selection on shared/global PLMN | LG Electronics Inc. | pCR 24.821 Rel-17 | x089, x111, x204, x243 are related to KI#4 |
|  |  | [C1-210244](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210244.zip) | Handling of emergency calls  | Samsung / Kyungjoo Grace Suh | pCR 24.821 Rel-17 |  |
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|  |  |  |  |  |  |  |
|  | SMS\_SBI (CT4 lead) |  | Peter –Main  |  |  | Service-based support for SMS in 5GC  |
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|  | AKMA-CT (CT3 lead) |  | Peter –Main  |  |  | Authentication and key management for applications based on 3GPP credential in 5G |
|  |  | [C1-210022](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210022.zip) | Kausf change | Ericsson / Ivo | CR 2948 24.501 Rel-17 |  |
|  |  | [C1-210057](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210057.zip) | Clarification on AKMA | ZTE / Joy | CR 2949 24.501 Rel-17 |  |
|  |  | [C1-210200](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210200.zip) | Refreshing KAF after lifetime expiry | Samsung R&D Institute India | discussion 24.501 Rel-17 |  |
|  |  | [C1-210201](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210201.zip) | Refreshing KAF after lifetime expiry | Samsung R&D Institute India | CR 2951 24.501 Rel-17 | FF: What is the current version? It reads 17.0.0 on the cover page but the Tdoc is reserved for version 17.1.0. What is the CR category? It reads F on the cover page but the Tdoc is reserved for category B. Tick any of the boxes as impacted. |
|  |  | [C1-210213](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210213.zip) | Discussion on KAF desynchronization for AKMA | Huawei, HiSlicon/Lin | discussion Rel-17 |  |
|  |  | [C1-210214](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210214.zip) | Resolving KAF desynchronization for AKMA | Huawei, HiSlicon/Lin | CR 2952 24.501 Rel-17 |  |
|  |  | [C1-210215](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210215.zip) | Collision of AKMA and NAS AKA procedure handling | Huawei, HiSlicon/Lin | CR 2953 24.501 Rel-17 |  |
|  |  | [C1-210216](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210216.zip) | UE handling in case of no valid KAUSF for AKMA | Huawei, HiSlicon/Lin | CR 2954 24.501 Rel-17 |  |
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|  | PAP\_CHAP (CT3 lead) |  | Peter –Main  |  |  | CT aspects on PAP/CHAP protocols usage in 5GS |
|  |  | [C1-210218](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210218.zip) | Adding the RFC reference of PAP/CHAP protocol identifier contents and related abbreviations | China Telecommunications,Huawei, HiSilicon | CR 3252 24.008 Rel-17 | FF: Expected 3 work item code(s) but found 1. CR number missing on cover page |
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|  | RDSSI |  | Peter –Main  |  |  | Reliable Data Service Serialization Indication  |
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|  | FS\_MINT-CT  |  | Peter –Main  |  |  | Study on the CT aspects of Support for Minimization of service Interruption |
|  |  | [C1-210221](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210221.zip) | Work Plan for FS\_MINT-CT | LG Electronics / SangMin | discussion Rel-17 |  |
|  |  | [C1-210126](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210126.zip) | Discussion on whether the main node in the Core Network should be considered in the Study on MINT | InterDigital | discussion 24.811 Rel-17 | Related to incoming LS in C1-210261 |
|  |  | [C1-210220](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210220.zip) | Architectural Assumption on the CN failure scenario | LG Electronics / SangMin | pCR 24.811 Rel-17 | Related to incoming LS in C1-210261Architectural Assumptions |
|  |  | [C1-210168](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210168.zip) | Updates to Architectural Assumptions | Samsung Guangzhou Mobile R&D | pCR 24.811 Rel-17 | Architectural Assumptions |
|  |  | [C1-210178](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210178.zip) | Architectural Assumptions | vivo | pCR 24.811 Rel-17 | Architectural Assumptions |
|  |  | [C1-210108](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210108.zip) | Resilience against fake broadcast | Ericsson / Ivo | pCR 24.811 Rel-17 | Architectural Requirement |
|  |  | [C1-210109](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210109.zip) | Applicability of MINT to roamers | Ericsson / Ivo | pCR 24.811 Rel-17 | Architectural Requirement |
|  |  | [C1-210179](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210179.zip) | Architectural Requirements | vivo | pCR 24.811 Rel-17 | Architectural Requirement |
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|  |  | [C1-210240](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210240.zip) | MINT: Discussion on New Key Issue for Manual PLMN Selection | Huawei, HiSilicon / Vishnu | discussion 24.811 Rel-17 | New Key Issue and its solution |
|  |  | [C1-210156](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210156.zip) | FS\_MINT: New Key Issue #Y: Manual PLMN Selection | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New Key Issue and its solution |
|  |  | [C1-210157](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210157.zip) | FS\_MINT: Solution for New Key issue #Y: Manual PLMN Selection | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New Key Issue and its solution |
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|  |  | [C1-210230](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210230.zip) | Updates to KI#1 | LG Electronics / SangMin | pCR 24.811 Rel-17 | KI update |
|  |  | [C1-210180](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210180.zip) | Updates to KI#2 | vivo | pCR 24.811 Rel-17 | KI update |
|  |  | [C1-210181](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210181.zip) | Updates to KI#4 | vivo | pCR 24.811 Rel-17 | KI update |
|  |  | [C1-210174](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210174.zip) | Correction in Key Issue #5 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | Moved from AI 17.2.4KI update |
|  |  | [C1-210212](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210212.zip) | Correction on KI#6 | Huawei, HiSlicon/Lin | pCR 24.811 Rel-17 | KI update |
|  |  | [C1-210167](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210167.zip) | Update to KI#7 – Prevention of congestion 5GSM level congestion | Samsung Guangzhou Mobile R&D | pCR 24.811 Rel-17 | KI update |
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|  |  | [C1-210071](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210071.zip) | Outline of solutions in C1-210072 - C1-210079 | Nokia, Nokia Shanghai Bell | discussion Rel-17 | DP regarding solutions |
|  |  | [C1-210208](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210208.zip) | Discussion on solutions for KI#2 and KI#6 for MINT | Huawei, HiSlicon/Lin | discussion Rel-17 | DP regarding solutions |
|  |  | [C1-210259](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210259.zip) | FS\_MINT: Discussion on Solution for Key Issues #3,#4,#5,#7,#8  | Huawei, HiSilicon / Vishnu | discussion 24.811 Rel-17 | Revision of C1-210148DP regarding solutions |
|  |  |  |  |  |  |  |
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|  |  | [C1-210011](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210011.zip) | MINT: solution for key issue #1 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207323New solution / KI#1 |
|  |  | [C1-210072](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210072.zip) | New solution on Key Issue #1 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#1 |
|  |  | [C1-210084](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210084.zip) | MINT Solution for KI#1: Notification of Disaster Condition to the UE via Non-3GPP Acess | ZTE Corporation | pCR 24.811 Rel-17 | New solution / KI#1 |
|  |  | [C1-210143](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210143.zip) | KI#1: Indication of CN Failure | Apple AB | pCR 24.811 Rel-17 | New solution / KI#1 |
|  |  | [C1-210184](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210184.zip) | Disaster condition information delivered to UE via broadcast | vivo | pCR 24.811 Rel-17 | New solution / KI#1 |
|  |  | [C1-210154](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210154.zip) | Solution to KI#1 & part of KI#7: Indicating, via non-3GPP access, the applicability of a disaster condition to the 3GPP access of the same PLMN | Samsung Guangzhou Mobile R&D | pCR 24.811 Rel-17 | New solution / KI#1 and KI#7 |
|  |  |  |  |  |  |  |
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|  |  | [C1-210012](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210012.zip) | MINT: alternative 1 for key issue #2 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207324New solution / KI#2 |
|  |  | [C1-210013](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210013.zip) | MINT: alternative 2 for key issue #2 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207325New solution / KI#2 |
|  |  | [C1-210073](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210073.zip) | New solution on Key Issue #2 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#2 |
|  |  | [C1-210209](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210209.zip) | Solution for KI#2: O&M-based solution | Huawei, HiSlicon/Lin | pCR 24.811 Rel-17 | New solution / KI#2 |
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|  |  | [C1-210014](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210014.zip) | MINT: alternative 1 for key issue #3 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207326New solution / KI#3 |
|  |  | [C1-210015](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210015.zip) | MINT: alternative 2 for key issue #3 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207327New solution / KI#3 |
|  |  | [C1-210074](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210074.zip) | New solution on Key Issue #3 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#3 |
|  |  | [C1-210144](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210144.zip) | KI#3: Broadcast of disaster roaming indication | Apple AB | pCR 24.811 Rel-17 | New solution / KI#3 |
|  |  | [C1-210150](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210150.zip) | FS\_MINT: Solution for Key issue #3 | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New solution / KI#3 |
|  |  | [C1-210182](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210182.zip) | DRS-supported PLMN list | vivo | pCR 24.811 Rel-17 | New solution / KI#3 |
|  |  | [C1-210117](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210117.zip) | Solution to MINT Key Issue #3 (Indication of accessibility from other PLMNs without Disaster Condition to the UE), and Key Issue #7 (Prevention of signalling overload in PLMNs without Disaster Condition) - alternative 2, using Access Identities | Qualcomm Incorporated / Lena | pCR 24.811 Rel-17 | New solution / KI#3 and KI#7 |
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|  |  | [C1-210020](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210020.zip) | MINT: alternative 2 for key issue #4 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207333New solution / KI#4 |
|  |  | [C1-210075](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210075.zip) | New solution on Key Issue #4 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#4 |
|  |  | [C1-210151](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210151.zip) | FS\_MINT: Solution for Key issue #4 | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New solution / KI#4 |
|  |  | [C1-210163](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210163.zip) | Solution to KI#4: Confining a Disaster Inbound Roamer UE’s area of service to the area of the disaster condition | Samsung Guangzhou Mobile R&D | pCR 24.811 Rel-17 | New solution / KI#4 |
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|  |  | [C1-210016](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210016.zip) | MINT: solution for key issue #5 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207328New solution / KI#5 |
|  |  | [C1-210076](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210076.zip) | New solution on Key Issue #5 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#5 |
|  |  | [C1-210115](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210115.zip) | Solution to MINT Key Issue #5 (PLMN selection when a "Disaster Condition" applies) | Qualcomm Incorporated / Lena | pCR 24.811 Rel-17 | New solution / KI#5 |
|  |  | [C1-210145](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210145.zip) | KI#5: Considerations for PLMN selection in a "Disaster Condition" | Apple AB | pCR 24.811 Rel-17 | New solution / KI#5 |
|  |  | [C1-210152](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210152.zip) | FS\_MINT: Solution for Key issue #5 | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New solution / KI#5 |
|  |  | [C1-210185](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210185.zip) | PLMN selection base on DRS-Supported PLMN list | vivo | pCR 24.811 Rel-17 | New solution / KI#5 |
|  |  | [C1-210222](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210222.zip) | New solution to KI#5: Handling of forbidden PLMN list | LG Electronics / SangMin | pCR 24.811 Rel-17 | New solution / KI#5 |
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|  |  | [C1-210017](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210017.zip) | MINT: solution for key issue #6 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207329New solution / KI#6 |
|  |  | [C1-210077](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210077.zip) | New solution on Key Issue #6 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#6 |
|  |  | [C1-210119](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210119.zip) | Solution to MINT Key Issue #6 (Notification that Disaster Condition is no longer applicable to the UEs) | Qualcomm Incorporated / Lena | pCR 24.811 Rel-17 | New solution / KI#6 |
|  |  | [C1-210177](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210177.zip) | The quick return to PLMN with Disaster Condition | vivo | pCR 24.811 Rel-17 | New solution / KI#6 |
|  |  | [C1-210158](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210158.zip) | Solution to KI#6 and KI#8: Indicating, via non-3GPP access, the end of a disaster condition that was applicable to the 3GPP access of the same PLMN | Samsung Guangzhou Mobile R&D | pCR 24.811 Rel-17 | New solution / KI#6 and KI#8 |
|  |  | [C1-210224](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210224.zip) | New solution to KI#6: NAS based notification | LG Electronics / SangMin | pCR 24.811 Rel-17 | New solution / KI#6 and KI#8 |
|  |  | C1-210270 | Solution for KI#6: O&M-based solution | Huawei, HiSlicon/Lin | pCR 24.811 Rel-17 | Revision of C1-210210\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_New solution / KI#6Corrupted styles |
|  |  | C1-210271 | Solution for KI#6: UE-based solution | Huawei, HiSlicon/Lin | pCR 24.811 Rel-17 | Revision of C1-210211\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_New solution / KI#6Corrupted styles |
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|  |  | [C1-210078](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210078.zip) | New solution on Key Issue #7 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210116](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210116.zip) | Solution to MINT Key Issue #7 (Prevention of signalling overload in PLMNs without Disaster Condition) – Alternative 1: providing disaster roaming assistance information to distribute roamers, and congestion mitigation | Qualcomm Incorporated / Lena | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210127](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210127.zip) | Staggering the arrivals of UEs in the PLMN without Disaster Condition | InterDigital | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210129](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210129.zip) | Enabling the PLMN without Disaster Condition to efficiently prevent Disaster Inbound Roamers from attempting registration | InterDigital | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210146](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210146.zip) | KI#7: Introduction of a new access category | Apple AB | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210147](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210147.zip) | KI#7: Enhancements to UAC barring information | Apple AB | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210153](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210153.zip) | FS\_MINT: Solution for Key issue #7 | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210166](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210166.zip) | Solution to KI#7: Preventing 5GSM-level congestion on a PLMN without a disaster condition | Samsung Guangzhou Mobile R&D | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210183](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210183.zip) | Recommended PLMN without Disaster Condition | vivo | pCR 24.811 Rel-17 | New solution / KI#7 |
|  |  | [C1-210225](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210225.zip) | New solution to KI#7: Congestion control for inbound disaster roamers | LG Electronics / SangMin | pCR 24.811 Rel-17 | New solution / KI#7 |
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|  |  | [C1-210018](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210018.zip) | MINT: solution for key issue #8 | Ericsson / Ivo | pCR 24.811 Rel-17 | Revision of C1-207331New solution / KI#8 |
|  |  | [C1-210079](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210079.zip) | New solution on Key Issue #8 | Nokia, Nokia Shanghai Bell | pCR 24.811 Rel-17 | New solution / KI#8 |
|  |  | [C1-210118](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210118.zip) | Solution to MINT Key Issue #8 (Prevention of signalling overload by returning UEs in PLMN previously with Disaster Condition) | Qualcomm Incorporated / Lena | pCR 24.811 Rel-17 | New solution / KI#8 |
|  |  | [C1-210128](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210128.zip) | Prevention of signaling overload by returning UEs in the PLMN previously with Disaster Condition | InterDigital | pCR 24.811 Rel-17 | New solution / KI#8 |
|  |  | [C1-210149](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210149.zip) | KI#8: Network controlled return of UEs at the end of disaster condition | Apple AB | pCR 24.811 Rel-17 | New solution / KI#8 |
|  |  | [C1-210155](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210155.zip) | FS\_MINT: Solution for Key issue #8 | Huawei, HiSilicon / Vishnu | pCR 24.811 Rel-17 | New solution / KI#8 |
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|  |  | C1-210019 | MINT: alternative 1 for key issue #4 | Ericsson / Ivo | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207332 |
|  |  | C1-210110 | Significance of an available cell | Ericsson / Ivo | pCR 24.811 Rel-17 | Withdrawn |
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|  | EDGEAPP (CT3 lead) |  | Lena - Breakout  |  |  | CT aspects for Enabling Edge Applications |
|  |  | [C1-210023](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210023.zip) | Way forward for protocol selection on EDGE-1 and EDGE-4 | Qualcomm Korea | discussion Rel-17 | Sapan, Tuesday, 1:32@Sunghoon: Your proposal#1 is aligned with Samsung’s discussion paper in C1-210191.We also agree to your proposal#3 – “It is proposed to specify the stage 3 for EDGE-4 over the user plane with the API-based approach”.Further, on NAS based approach – It is to be noted that * NAS is between UE and core network entities. The EDGE-4 reference point is application level reference point and involves application functional entities. Also, the EDGE-4 reference point does not terminate in the core network, but it terminates at EEC which is residing inside the UE. All the functionalities defined over EDGE-4 reference points in 3GPP TS 23.558 involves interaction between EEC and ECS while none of the core network entities are involved.
* Usage of NAS for providing application specific configuration may not be extensible. In future releases, if new parameters are added in the service provisioning response, then it may require upgrade to device firmware, as well as upgrade to AMF too. In some case, the upgrade in the UE can cause the backward compatibility problems.

Christian, Wednesday, 9:07We agree with the paper that the use of the NAS for EDGE-4 is an option. As shown by C1-210223, there is no change is the 5GS architecture for using the NAS for EDGE-4. There is in fact no need to introduce any new service operation. The major part of the work is to be developed by CT1.As for the proposals:* **Proposal 1:** The case of EDGE-4 is a different as there are issues with the applicability of the APIs concept as shown by C1-207122. Note that the ECS may not always be able to reach the EEC when a private IP address is used, and if the EEC (UE) acts as an HTTP server, it should be always listening, which will increase the power consumption of the UE. This means that we have a concern that API based EDGE-4 could not support subscribe-notify model. This needs to be sorted out first. That being said, we believe that both options for APIs specification work for EDGE-1 are feasible, i.e., CT1 can continue choosing XML over HTTP (as per mission critical, SEAL, V2XAPP) or to change and start use SBI-based (RESTful API) approach using JSON over HTTP as per CT3 and CT4.
* **Proposal 2:** This proposal comes as result of starting use SBI-based (RESTful API) approach using JSON over HTTP in CT1 as the issue we see with moving to SBI-based in CT1 for EDGEAPP is that the work split between CT1 and CT3 becomes very unclear as both groups could define stage 3 of common services, and then the work scope of each group would need to be clearly defined. Also, the scalability of EDGEAPP work in future releases might be affected. Also, the proposal 2 impacts CT3 and CT1 cannot make decisions about CT3 work, so we propose to wait for this proposal for the joint meeting with CT3 in February.
* **Proposal 3:** As per our comments to proposal 1 above, the use of the APIs concept for EDGE-4 has issues. Also, the use of the NAS is a feasible option

Christian, Wednesday, 9:38@Sapan: We disagree with your statements as we agree with C1-210023 that the NAS is a feasible option for the EDGE-4 functionality defined by TS 23.558. C1-210223 also shows how to achieve this.However, the use of the APIs concept for the EDGE-4 functionality defined by TS 23.558 has issues which we should not hide.As shown by C1-207122, the ECS may not always be able to reach the EEC when a private IP address is used, and if the EEC (UE) acts as an HTTP server, it should be always listening, which will increase the power consumption of the UE. This means that we have a concern that API based EDGE-4 could not support subscribe-notify model. This needs to be sorted out first.Additionally, your understanding is incorrect as the use of NAS option does not impact the AMF. We already had discussed this at the previous CT1 meeting so please refer to such a discussion.Sunghoon, Wednesday, 11:56@Christian: Yes, EDGE-4 is a feasible option **but it requires SA2 work first**, that is the point in this paper.Your paper shows the way of conveying EDGE-4 messages via SMF-PCF-ECS. It should be architectural decision that SA2 is in charge.For example, why AMF-PCF-ECS is not an option? If ECS is an NF, why SMF cannot directly interact with ECS? I believe it should be proposed and discussed in SA2 first.For the work split issue, I’m fine to wait for joint session with CT3. I just wanted to show possible way-forward.For proposal 3, you have concern on subscribe-notify model, that can be informed to SA6. It is common for both API approach and NAS approach. As I understood the comment from Sapan, outside of 3gpp mechanism can solve this issue e.g., push notification.Christian, Wednesday, 14:17@Sunghoon: I agree with you that we concur in a number of aspects but differ in others. As for the issues of using APIs concept for EDGE-4, Samsung has provided wrong information and this needs to be cleared out. There are issues so we disagree with Samsung as indicated in another e-mail. We do disagree as indicated last meeting the different mechanisms (e.g., Google FCM or even Huawei Push-Kit) exactly **admit** that the issue of the XML based APIs or RESTful APIs indeed exists. Why do you hide it again and again? The different mechanisms do make enhancements based on HTTP, but not the HTTP method itself. Hence, the XML based APIs or RESTful APIs can**not** solve this issue whatsoever.I agree that we have a start point that from CT1 point of view, the NAS is a feasible option to support the EDGE-4 functionality. The major work is to be developed by CT1. The difference is that in our view, CT1 can start work on any feasible solution for EDGE-4 functionality. This aligned with the approved WID. Hence, as per the approved WID in CP-203106 we propose that no protocol option for EDGE-1 or EDGE-4 is excluded so CT1 starts work on any feasible option. |
|  |  | [C1-210190](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210190.zip) | EDGEAPP Workplan | Samsung / Sapan | discussion  | Christian, Wednesday, 8:40The work plan needs to be updated to capture comments given to the new TS 24.558 related documents for this meeting (C1-210192, C1-210193). Please, refer to our e-mails with our comments and also other companies e-mails. |
|  |  | [C1-210191](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210191.zip) | Selection Of API Wayforward | Samsung, AT&T, Convida Wireless, Deutsche Telekom, KDDI, Korea Telecom, SK Telecom, Softil, Ericsson, Intel, Qualcomm Incorporated | discussion Rel-17 | Christian, Tuesday, 21:26A number of important aspects to evaluate are overlooked. The paper jumps in discussing selection of protocols to use for the APIs concept but before that we need to take into account a number of aspects.1. Based on stage 2 in TS 23.558, the ECS can be deployed in the MNO domain, and therefore it can be part of a 3GPP network entity. If so, operators can choose this deployment option which means that it has to be taken into account. We reiterate that for this case NAS protocol is possible as for other services and features of the 5GS. Hence, for EDGE-4 both the user plane or the control plane can be used. As always, operators should be given with different deployment options and then the NAS is also an option for EDGE-4.
2. for the case of operators choose to use APIs, we see some issues for which we already identified in the previous meeting in C1-207122. This issues are particular to EDGE-4 and impacts the UEs. We want to reiterate our concern that the ECS may not always be able to reach the EEC when a private IP address is used, and if the EEC (UE) acts as an HTTP server, it should be always listening, which will increase the power consumption of the UE. This means that we have a concern that API based EDGE-4 could not support subscribe-notify model
3. we agree that there are two possible approaches
	1. CT1 till now, have used XML over HTTP (mission critical, SEAL, V2XAPP); or
	2. CT3 (and CT4) use SBI-based (RESTful API) approach based on JSON over HTTP (for many services such as SEAL, V2XAPP, etc).

In our view, both options above are feasibleIn our view, both options above are feasible; XML+HTML as per SEAL, V2XAPP which keeps the user plane specification/development unified in CT1, and SBI-based (RESTful API) approach using JSON over HTTP as specified already in CT3 and CT4. Hence, CT1 and CT3 could follow the same approach or not. The issue we see with moving to SBI-based in CT1 for EDGEAPP is that the work split between CT1 and CT3 becomes very unclear as both groups could define stage 3 of common services, and then the work scope of each group would need to be clearly defined. Also, the scalability of EDGEAPP work in future releases might be affected.In short, as for EDGE-1 CT1 can continue choosing XML over HTTP or to change to use SBI-based (RESTful API) approach but the main issue is that for EDGE-4 the use of the APIs concept results in issues and this needs to be sorted out.Sapan, Wednesday, 10:20@Christian: We would like to reiterate that SA6 has decided to use APIs for EDGE-1 and EDGE-4 reference points. The paper is attempting provide options for implementing APIs and proposes to use RESTful APIs for EDGE-1 and EDGE-4 reference points. We can continue discussion on whether NAS is feasible or not, but we need to continue our work in CT1 on existing SA6 defined requirements.* Regarding 1): According to us, NAS is not feasible option for EDGE-4 reference point without stage#2 (SA6 and SA2) support. And SA6 has already discussed usage of NAS for EDGE-4 protocol in S6-202182 and it has not been agreed in SA6
* Regarding 2): As informed in previous meeting, above mentioned issues (so called) are general issues applicable to XML based APIs or RESTful APIs and do not arise due to EDGEAPP architecture. Also, Receiving notification by application on UE is not a new concept and a huge number of applications today uses HTTP protocol to receive notifications from server using different mechanisms available
* Regarding 3): As you are aware, there is a joint session (between CT1 and CT3 group) planned to discuss work split to decide work scope for both CT1 and CT3 working groups. There are two discussion papers presented in this meeting (C1-210191 and also C1-210023) and both proposes to use RESTful APIs including their benefits and drawbacks. Use of RESTful API is align to CT3 and CT4’s conclusion present in CP-172074
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|  |  | [C1-210192](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210192.zip) | Draft skeleton for ts 24.558 | Samsung / Sapan | pCR 24.558 Rel-17 | Sunghoon, Monday, 12:28Question: generally it looks ok, but I think this skeleton would be impacted by the work split issue e.g., if there is a unified API.It should be fine if CT1 and CT3 decide not to use unified API. However, if not, some of API (e.g., EAS discovery) that can be unified shall not be overlapped in both WG’s specification.Do you have any idea on this?Sapan, Tuesday, 2:19I agree that if CT1 and CT3 decide to use unified service APIs, then the skeleton will be impacted. But the skeleton will not be impacted if there is no unified service APIs. As CT1 and CT3 have not yet discussed whether unified server API is required or not and also which all APIs can be unified (if unification is required), I can add below EN in a general clause (i.e. clause 4 Overview) –Editor’s note: The structure of this specification may require updates if some APIs are to be specified as unified service API in CT3.Hope you are fine with above proposal.Joy, Tuesday, 7:40Revision required: Putting the controversial thing on EDGE-4 away, the skeleton better go with the stype of CT3/CT4 SBI TS skeleton style if it specifies API service.Sapan, Tuesday, 8:24@Joy: The TS skeleton has been based on CT3/CT4 SBI TS skeleton style only, but we have added two separate clauses for ECS and EES provided services.Can you explain bit more on your comment – do you wish to have single clause for APIs instead of two clauses per separate entities?Joy, Tuesday, 9:08Gives an example of CT3/CT4 TS structure for a given service.Kaj, Tuesday, 9:20Following the CT3/CT4 SBI TS skeleton style could also mean that CT1 specifies the EEC API only and CT3 specifies the server side APIs, i.e. APIs for EES and ECS.Probably the procedures should also be specified at least in the CT1 specification (not only relaying on stage 2 specifications) utilizing the APIs of EES and ECS referring to the 29.xxx TSs.The current draft skeleton does not cover the EEC API, that needs to be added.Sapan, Tuesday, 9:55A draft revision is available.@Sunghoon: EN added@Joy: skeleton is based on TS 29.222@Kaj: see answer to Sunghoon. And I do not see EEC exposing any APIs in 3GPP TS 23.558. Can you please let me know more about this?Kaj, Tuesday, 10:46Proposes update to EN. About EEC, admits TS 23.558 is not that clear about EEC API but considers that subclause 8.5.2.3.3 in 23.558 seems to require an EEC API.Joy, Tuesday, 10:51TS 29.222 was specified before the 5G SBI specs were widely discussed in CT3 and CT4. Its skeleton is not the most typical one.Anyway, if CT3 spec goes with 29.222 way I'm fine that CT1 spec does the same.Besides the controversial part on ECS API (EN may be needed to reflect the FFS things), I'm OK with the skeleton in the revision.About Kaj's comment, this spec is CT1 work because it aims to specify the EES API service exposured to EEC (UE).Sapan, Tuesday, 11:38@Kaj: Makes updated proposal for EN. About EEC, to receive notification, EEC does not expose any service APIs. EEC provides callback URI to EES during subscription and EES sends notification on callback URI. The callback URI is not exposed as service API.Sapan, Tuesday, 11:51@Joy: Yes, current CT3 spec also follows TS 29.222 template. And current skeleton is based on SA6 agrement so I see no need for further EN.Kaj, Tuesday, 12:04Ok with EN proposal. Also Ok with not adding EEC.Sunghoon, Tuesday, 12:46Also Ok with EN proposal.Lazaros, Tuesday, 13:29Revision required: Current titles of clauses 5,6 and 8,9 seem to be all related to the APIs.The API definitions should in clauses 8,9 and earlier clauses should be service oriented.Please consider renaming5.x       <API Category> ~~APIs~~ related services5.x.1    <API Name> ~~API~~ related servicesOr something similar.Same change would be needed for 6.x and all their instantiations.Sapan, Tuesday, 19:24@Sunghoon and Kaj: I will provide the updated EN in the next revision.Sapan, Tuesday, 19:28@Lazaros: As you may have seen my reply to Joy where I have shown TS skeleton similarities with CT3 specification. I have used clause names accordingly. Also, the parent clause 5 has clarified that the clause is about services offered by EES or ECS (for clause 6).Lazaros, Tuesday, 20:55@Sapan: My point was that the titles are a bit misleading, since it is not the APIs that are described in clauses 5 and 6. This differentiation is also clear in the structure proposed by Joy.However, if the group considers this is clear enough, I leave it up to you as the rapporteur of the spec.Christian, Wednesday, 7:52We have the following comments:1. the numbering of clauses is incorrect, e.g., clause “8 Security” comes after clause “9 Edge Configuration Server API Definitions” so this has to be corrected by before that please consider also our following comments;
2. the proposal is not fully aligned with the work item approved in CP-203106. Note that the WID states, quote: “For CT1, based on normative stage-2 work developed in 3GPP TS 23.558, the expected work includes:
* Stage 3 for EDGE-1 and EDGE-4 reference point;“. Hence, no protocol option for EDGE-1 or EDGE-4 is excluded. However, C1-210192 as a matter of fact excludes the case of the use the NAS for EDGE-4 and this has to be resolved. We proposed to update the layout to add a new clause and sub-clauses to accommodate the protocol aspects of the NAS for EDGE-4;
1. CT1 has not made a decision of whether define the APIs concept by using XML+HTML as per mission critical, SEAL, V2XAPP which keeps the user plane specification/development unified in CT1, and SBI-based (RESTful API) approach using JSON over HTTP as specified already in CT3 and CT4. We believe that both approaches are feasible for EDGE-1. The issue we see with moving to SBI-based in CT1 for EDGEAPP is that the work split between CT1 and CT3 becomes very unclear as both groups could define stage 3 of common services, and then the work scope of each group would need to be clearly defined. Also, the scalability of EDGEAPP work in future releases might be affected. In short, as for EDGE-1 CT1 can continue choosing XML over HTTP or to change to use SBI-based (RESTful API) approach but the main issue is that for EDGE-4 the use of the APIs concept results in issues and this needs to be sorted out. Hence, we would like to keep at this moment in time the layout in a way that possibilities are possible XML+HTML as per mission critical, SEAL, V2XAPP which keeps the user plane specification/development unified in CT1, and SBI-based (RESTful API) approach using JSON over HTTP which aligns with CT3 and CT4;
2. like ZTE and Nokia, we believe that the layout referring to the description and definition of services and APIs is not correct for SBI-based (RESTful API) approach using JSON over HTTP. Note that the proposal is not aligned with the SBI template given in TS 29.501 which is applicable to all SBI interfaces as used by CT3 and CT4. This has to be sorted out.
3. as shown by our document in C1-207122, there are unfortunately issues with the use of APIs concept for EDGE-4, and therefore we would like to have remove proposed clauses 5.2 and 7.1 at this moment in time;
4. the wrongly numbered clause “8 Security” would certainly be re-worked in next meetings depending on the SA3 output of the work but at least the fact that SA3 is responsible and CT1 has to wait for first stage 2 security requirements need to be capture by the text under this clause on security.
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|  |  | [C1-210193](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210193.zip) | clause 1 Scope | Samsung / Sapan | pCR 24.558 Rel-17 | Lazaros, Tuesday, 13:17Revision required: Please consider the following rephrasing for the scope:“The present document specifies the Application Programming Interface (APIs) ~~for enabling edge applications over 3GPP networks~~ for the EDGE-1 and EDGE-4 reference points of the application layer architecture specified in 3GPP TS 23.558 [r23558].”Sapan, Tuesday, 19:25I will take onboard Lazaros’ changes in the next revision.Christian, Wednesday, 8:19Revision required: the scope has to be corrected in order to align with the approved WID in CP-203106 so that it reads that “The present document specifies the protocols for enabling edge applications over 3GPP networks for the EDGE-1 and EDGE-4 reference points of the application layer architecture specified in 3GPP TS 23.558 [r23558]”;Sapan, Wednesday, 12:38@Christian: The WID had compromised text to allow discussion with CT1 on different protocol options. It is not appropriate to include it in TS without conclusion on it. TS should be based on requirements form stage#2.My proposal is that – we base our TS based on stage#2 requirements and we continue discussion on different approaches in CT1. We can always comeback and change the clause based on new requirements if available in stage#2. Christian, Wednesday, 14:23@Sapan: If you dare to check the approved WID, you will notice that we do not copy any text from the WID but provide comments to align with it. We do not understand how our proposal is not aligned with the approved WID, if you believe so. Do you mean that the approved WID is not aligned with the stage 2 requirements?Actually, we are very disappointed that Samsung repeatedly refuse to address any of our comments. This certainly does not help in making progress in a work we are interested in. |
|  |  | [C1-210194](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210194.zip) | clause 3.3 Abbreviations | Samsung / Sapan | pCR 24.558 Rel-17 |  |
|  |  | [C1-210223](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210223.zip) | Discussion on the EDGE-4 reference point using the NAS | Huawei, China Telecom, China Unicom, HiSilicon /Christian | discussion Rel-17 | Grace, Monday, 17:19We have strong concern and doubt on your analysis and suggestions. The reasons run as following:First, the work for EDGEAPP is based on the SA6 specification TS 23.588. Therefore, to meet the EDGEAPP requirement on SA6, we have to follow on what was agreed in SA6. Second, as you pointed out, using the existing NAS between the UE and the TSN AF can be one of solution. However, the role of ECS is different than in TSN AF. Even the ECS in EDGEAPP works the role of an application function and TSN AF is extended to generalize it's function, the interaction between ECS and 3GPP Core is limited to subscription to event path management and location information. Third, to support EDGE-4 interface using NAS, as you mentioned in your discussion paper, at first, the architecture in SA2 has to support it and the correction is needed in SA2. In addition, currently SA2 almost finish their work for release 17 and the work scope for SA2 in release 17 does not include that work. Therefore, it is impossible to extend their work for release 17 now.Sapan, Tuesday, 1:31Following are some more points which are not clear from the discussion paper.* The discussion paper takes example of TSN and proposes to reuse the NAS based procedure for EDGEAPP. It is not clear as to why NAS based procedure is required for application based architecture.
	+ For TSN, there is a requirement where 5G System works as bridge of TSN. There is no such requirements for EDGEAPP.
	+ On contradictory, there are other application layer architectures (like Mission critical services, V2XAPP, SEAL) where configuration has been provided using application level protocol (like HTTP). We should use such protocol.
* In the paper – it is observed that using NAS based procedures all SA6 defined requirements can be fulfilled.  (in observation#3)
	+ According to us following requirements from SA6 specification TS 23.558 are not met
		- One EEC can connect to multiple ECS(s) and get service provisioning. According to proposed procedures, UE needs to send PDU session establishment request each time a different EEC wants to connect to ECS. Which is not proper design.
		- There is no requirement identified by SA6 for ECS to subscribe to PCF to receive policy authorization notify. Only capabilities the ECS uses from core network are user plane path management events and location information (as specified in clause 8.9.2 of TS 23.558)
		- The subscribe/notify model and request/response model are independent and UE can use it without any dependency on each other. According to proposed procedure in this paper, for service provisioning subscribe (i.e. PDU session modification request) to work service provisioning request (i.e. PDU session establishment) is a pre-condition. Which is against SA6 defined requirements.

Sunghoon, Tuesday, 11:34This discussion paper shows one of the solutions that can be discussed in SA2.As exampled TSN for port management, it has come from stage-2 requirement first.Even though there is no need to introduce new service operation, stage-2 work should be required to define 1) which NFs are involved (or which path) to carry the EDGE-4 message 2) which information is needed for each service operation. Currently, there is no transparent container to carry the request from the UE, so I believe new information and how to handle should be specified by SA2 first.For example, for Npcf\_SMPolicyControl\_Update service operation, please see 5.2.5.4.5 of TS 23.502. There is no parameter to carry the service provisioning request to the ECS. In addition, as I explained in C1-210023:From the deployment perspective, the ECS could be deployed by the MNO or by non-MNO entities. 1. If the ECS is deployed by the MNO, -  EDGE-4 could be supported over control plane or user plane;2. If the ECS is deployed by a non-MNO entity,-   With no business relationship with the MNO, EDGE-4 must be supported over user plane;-   With a business relationship with the MNO, EDGE-4 could be supported over control plane or user plane.3. There can be multiple ECS(s) deployed, some of those can be deployed by the non-MNO.This shows that the protocol for EDGE-4 must at least be supported over user plane, and optionally could be supported over the control plane if a number of stage 2 changes were agreed.So I believe at least we should focus on user plane path for EDGE-4 in this release. Christian, Wednesday, 9:28@Sunghoon: As also shown by your company paper in C1-210023, the use of the NAS for EDGE-4 is a feasible option. There is no impact to the 5GS architecture for using the NAS for EDGE-4. There is in fact no need to introduce any new service operation. The major part of the work is to be developed by CT1. Our paper in C1-210223 already shows that there is need to update TS 23.502 under SA2 responsibility so we agree on this.Unfortunately, the use of the APIs concept for EDGE-4 results in issues as shown by C1-207122. Note that the ECS may not always be able to reach the EEC when a private IP address is used, and if the EEC (UE) acts as an HTTP server, it should be always listening, which will increase the power consumption of the UE. This means that we have a concern that API based EDGE-4 could not support subscribe-notify model. This needs to be sorted out first.As per the approved WID in CP-203106 we propose that no protocol option for EDGE-1 or EDGE-4 is excluded so CT1 starts work on any feasible option.Christian, Wednesday, 9:45@Grace: We agree with your statement that “Second, as you pointed out, using the existing NAS between the UE and the TSN AF can be one of solution”. Hence, we are glad that Samsung concur with us.As shown by C1-210023 and C1-210223, the use of the NAS to fulfil the EDGE-4 functionality defined by TS 23.558 is a feasible option for operators to choose.Please, note that there is no impact to the 5GS architecture for using the NAS for EDGE-4. There is in fact no need to introduce any new service operation. The major part of the work is to be developed by CT1. Our paper in C1-210223 already shows that there is need to update TS 23.502 under SA2 responsibility but this is minor work.As per the approved WID in CP-203106 we propose that no protocol option for EDGE-1 or EDGE-4 is excluded so CT1 starts work on any feasible option. |
|  |  | C1-210239 | EDGEAPP protocol analysis | Nokia, Nokia Shanghai Bell | discussion Rel-17 | Withdrawn |
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|  | Other Rel-17 issues (TEI17) |  | **NOT IN SCOPE** |  |  | Other Rel-17 topics |
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|  | WIs for IMS and MC |  | Jörgen – Breakout  |  |  | Work items on IMS and Mission Critical  |
|  | IMSProtoc17 |  | **NOT IN SCOPE** |  |  | IMS Stage-3 IETF Protocol Alignment for Rel-17 |
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|  | MCProtoc17 |  | **NOT IN SCOPE**  |  |  | Protocol enhancements for Mission Critical Services for Rel-17 |
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|  | FS\_eIMS5G2 |  | Jörgen – Breakout  |  |  | Study on enhanced IMS to 5GC Integration Phase 2 |
|  |  | [C1-210130](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210130.zip) | Support of one slice connecting to multiple IMS network | China Mobile | pCR 23.700-10 Rel-17 |  |
|  |  | [C1-210131](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210131.zip) | IMS retrieves session binding information by utilizing service provided by BSF | China Mobile | pCR 23.700-10 Rel-17 |  |
|  |  | [C1-210132](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210132.zip) | Solution to KI#1-Slice selection by IMS subscription | China Mobile | pCR 23.700-10 Rel-17 |  |
|  |  | [C1-210133](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210133.zip) | Suggestion to KI#1-About unappropriate slice | China Mobile | pCR 23.700-10 Rel-17 |  |
|  |  | [C1-210169](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210169.zip) | Add one possibly scenario for Key issue 1 | China Mobile Com. Corporation | pCR 23.700-10 Rel-17 |  |
|  |  | [C1-210175](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210175.zip) | IMS retrieve Location Information by utilizing service provided by AMF | China Mobile Com. Corporation | pCR 23.700-10 Rel-17 |  |
|  |  | [C1-210176](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210176.zip) | P-CSCF retrieve PLMN ID by utilizing service provided by 5GC | China Mobile Com. Corporation | pCR 23.700-10 Rel-17 |  |
|  |  | C1-210227 | IMS traffic local routing by applying AF influence mechanism | Huawei, HiSilicon / Bill | pCR 23.700-10 Rel-17 | Withdrawn |
|  |  | C1-210228 | IMS signalling and media of an application through one 5GC slice | Huawei, HiSilicon / Bill | pCR 23.700-10 Rel-17 | Withdrawn |
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|  | MuDe |  | Jörgen – Breakout  |  |  | Multi-device and multi-identity enhancements |
|  |  | [C1-210053](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210053.zip) | Updating ability to activate and deactivate an identity | vivo Mobile Communication Co. LTD | CR 0016 24.174 Rel-17 |  |
|  |  | [C1-210120](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210120.zip) | Analysis of MuDe LS from SA1 in C1-210042 | vivo Mobile Com. (Chongqing) | discussion Rel-17 |  |
|  |  | [C1-210159](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210159.zip) | Discussion on how to route an incoming call or message | Lenovo, Motorola Mobility | discussion  |  |
|  |  | [C1-210160](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210160.zip) | Temporary activation and deactivation of identities | Lenovo, Motorola Mobility | CR 0017 24.174 Rel-17 | Tdoc number on cover page incorrect (“0” is missing), work item incorrect on cover page wrong, needs to be MuDe |
|  |  | [C1-210161](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210161.zip) | Subscriptions to identities | Lenovo, Motorola Mobility | CR 0018 24.174 Rel-17 | work item incorrect on cover page wrong, needs to be MuDe |
|  |  | [C1-210162](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210162.zip) | Corrected text for identities | Lenovo, Motorola Mobility | CR 0019 24.174 Rel-17 | work item incorrect on cover page wrong, needs to MuDe |
|  |  | [C1-210245](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210245.zip) | Discussion activation identities | Ericsson /Jörgen | discussion  |  |
|  |  | [C1-210260](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210260.zip) | MuDe Identity activation status indication | Orange / Mariusz | CR 0015 24.174 Rel-17 | Revision of C1-206742FF: Tdoc number on cover page incorrect, work item code on cover page incorrect, it needs to be MuDe |
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|  | MPS2 (CT3 lead) |  | Jörgen – Breakout  |  |  | Stage 3 of Multimedia Priority Service (MPS) Phase 2 |
|  |  | [C1-210094](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210094.zip) | 24.501 Redirection with MPS | Perspecta Labs, CISA ECD, Ericsson | CR 2950 24.501 Rel-17 | **Due to nature of the CR, TO BE DISCUSSED on the main email list** |
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|  | eMCData3 |  | Jörgen – Breakout  |  |  | CT aspects of Enhancements to Mission Critical Data |
|  |  | [C1-210252](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210252.zip) | Incorrect subclause reference correction in subclause 10.2.5.2.3 and 10.2.5.2.4 | Samsung | CR 0204 24.282 Rel-17 |  |
|  |  | [C1-210080](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210080.zip) | Add Application metadata container - MCData | FirstNet / Mike | CR 0200 24.282 Rel-17 | Shifted from 17.3.9 |
|  |  | C1-21262 | Emergency alert area notification functionalities handling for MCData | Samsung | CR 0202 24.282 Rel-17 | Revision of C1-210247 |
|  |  | [C1-210264](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5Crev_before_pres%5CC1-210264.zip) | Entry into or exit from a group geographic area functionality handling for MCData | Samsung | CR 0203 24.282 Rel-17 | Revision of C1-210249\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_FF: not sure what’s wrong. Please revise the CR before final agreement with **a fresh cover sheet**. |
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|  | MCSMI\_CT |  | Jörgen – Breakout  |  |  | Mission Critical system migration and interconnectionShifted from Rel-16 |
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|  | eMCCI\_CT |  | Jörgen – Breakout  |  |  | CT aspects of Enhanced Mission Critical Communication Interworking with Land Mobile Radio Systems |
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|  | enh3MCPTT-CT |  | Jörgen – Breakout  |  |  | CT aspects of Enhanced Mission Critical Push-to-talk architecture phase 3 |
|  |  | [C1-210081](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210081.zip) | Preconfigured Group Use Only - MCData | FirstNet / Mike | CR 0201 24.282 Rel-17 |  |
|  |  | [C1-210082](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210082.zip) | Preconfigured Group Use Only - MCVideo | FirstNet / Mike | CR 0104 24.281 Rel-17 |  |
|  |  | [C1-210083](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210083.zip) | enh3MCPTT Plan After CT1\_127e | FirstNet / Mike | discussion Rel-17 |  |
|  |  | [C1-210142](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210142.zip) | PDN connections in UE initial config | Ericsson /Jörgen | CR 0168 24.484 Rel-17 | FF: cover says “enh3MCPTT” |
|  |  | [C1-210251](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210251.zip) | Spelling correction of altitude element of the location | Samsung | CR 0108 24.281 Rel-17 |  |
|  |  | [C1-210253](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210253.zip) | Corrections to protection attribute for altitude and loctimestamp elements | Samsung | CR 0669 24.379 Rel-17 |  |
|  |  | [C1-210256](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210256.zip) | Appropriate handling of P-Answer-State in group call procedure | Samsung | CR 0672 24.379 Rel-17 |  |
|  |  | C1-21263 | Emergency alert area notification functionalities handling for MCVideo | Samsung | CR 0106 24.281 Rel-17 | Revision of C1-210248 |
|  |  | [C1-210265](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5Crev_before_pres%5CC1-210265.zip) | Entry into or exit from a group geographic area functionality handling for MCVideo | Samsung | CR 0107 24.281 Rel-17 | Revision of C1-210250\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_FF: not sure what’s wrong. Please revise the CR before final agreement with **a fresh cover sheet**. |
|  |  | [C1-210266](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5Crev_before_pres%5CC1-210266.zip) | Emergency alert area notification handling at client side for MCPTT | Samsung | CR 0670 24.379 Rel-17 | Revision of C1-210254 |
|  |  | [C1-210267](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5Crev_before_pres%5CC1-210267.zip) | Appropriate handling of P-Answer-State in private and ambient call procedure | Samsung | CR 0671 24.379 Rel-17 | Revision of C1-210255\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_FF: What is the CR category? It reads C on the cover page but the Tdoc is reserved for category B. |
|  |  | [C1-210268](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5Crev_before_pres%5CC1-210268.zip) | Authorized user being notified about other users floor queue status | Samsung | CR 0295 24.380 Rel-17 | Revision of C1-210257\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Revision of C1-207442FF: What is the current version? It reads 17.0.0 on the cover page but the Tdoc is reserved for version 17.1.0. |
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|  | eMONASTERY2 |  | Jörgen – Breakout  |  |  | Enhancements to Mobile Communication System for Railways Phase 2  |
|  |  | [C1-210232](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210232.zip) | Call control of FAs allowed in a first-to-answer call | Nokia, Nokia Shanghai Bell | CR 0668 24.379 Rel-17 |  |
|  |  | [C1-210233](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210233.zip) | Update MCPTT user profile to support allowed Fas | Nokia, Nokia Shanghai Bell | CR 0169 24.484 Rel-17 |  |
|  |  | [C1-210234](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210234.zip) | MO update to support allowed FAs | Nokia, Nokia Shanghai Bell | CR 0087 24.483 Rel-17 |  |
|  |  | [C1-210235](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210235.zip) | Call control - Restricting MCVideo private communications | Nokia, Nokia Shanghai Bell | CR 0105 24.281 Rel-17 |  |
|  |  | [C1-210236](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210236.zip) | Update configuration to Restrict MCVideo private communications | Nokia, Nokia Shanghai Bell | CR 0170 24.484 Rel-17 |  |
|  |  | [C1-210237](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210237.zip) | MOs to restrict MCVideo private communications | Nokia, Nokia Shanghai Bell | CR 0088 24.483 Rel-17 |  |
|  |  | [C1-210238](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210238.zip) | Work plan of Enhancements to Mobile Communication System for Railways Phase 2 (eMONASTERY2) | Nokia, Nokia Shanghai Bell | discussion Rel-17 |  |
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|  | Stop24980 |  | Jörgen – Breakout  |  |  | Stop updating TR 24.980No CRs needed, 100% |
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|  | Other Rel-17 IMS & MC issues (TEI17) |  | **NOT IN SCOPE** |  |  | Other Rel-17 IMS and MC topics |
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|  | Output Liaison Statements | Tdoc | Title | Prepared by | To/CC | Result & comment |
|  |  | [C1-210070](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210070.zip) | Reply to LS on NR satellite access PLMN selection | OPPO / Chen | LS out Rel-17 | C1-210070, C1-210124 and C1-210141 all related to LS in C1-210047 |
|  |  | [C1-210124](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210124.zip) | [draft] Reply to LS on NR satellite access PLMN selection | Apple | LS out Rel-17 | C1-210070, C1-210124 and C1-210141 all related to LS in C1-210047 |
|  |  | [C1-210141](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210141.zip) | Draft reply LS to SA2 on NR satelltie access PLMN selection | Qualcomm Incorporated / Amer | LS out Rel-17 | C1-210070, C1-210124 and C1-210141 all related to LS in C1-210047 |
|  |  | [C1-210125](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210125.zip) | LS on selecting a PLMN with an MCC not corresponding to the country of a UE’s location | Nokia, Nokia Shanghai Bell | LS out Rel-17 |  |
|  |  | [C1-210189](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210189.zip) | Reply\_LS\_On\_APIs\_In\_EDGEAPP | Samsung / Sapan | LS out Rel-17 |  |
|  |  | [C1-210258](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210258.zip) | LS Response on inconsistency in specifying handling of MCPTT SIP 183 (Session Progress) response in TS 24.379 | Samsung | LS out Rel-14 | Revision of C1-207662 |
|  |  | [C1-210226](file:///C%3A%5CUsers%5Cdems1ce9%5COneDrive%20-%20Nokia%5C3gpp%5Ccn1%5Cmeetings%5C127bis-e-electronic-0121%5Cdocs%5CC1-210226.zip) | Reply LS to S6-202009/C1-210050 on APIs in EDGEAPP (to: SA6; cc: CT3; contact: Huawei)  | Huawei, HiSilicon /Christian | LS out Rel-17 | Shifted from 17.2.10 |
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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  |
|  |  | C1-210095 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207323 |
|  |  | C1-210096 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207324 |
|  |  | C1-210097 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207325 |
|  |  | C1-210098 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207326 |
|  |  | C1-210099 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207327 |
|  |  | C1-210100 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207328 |
|  |  | C1-210101 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207329 |
|  |  | C1-210102 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207331 |
|  |  | C1-210103 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207332 |
|  |  | C1-210104 | void | void | pCR 24.811 Rel-17 | WithdrawnRevision of C1-207333 |
|  |  | C1-210105 | void | void | pCR 24.811 Rel-17 | Withdrawn |
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|  | A.O.B. | Tdoc | Title | Source | Tdoc info | Result & comments |
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|  | ClosingFridayby 15:00 UTC at the latest |  | Did you mark your attendance to this meeting? |  |  | Any meeting document which is not mentioned in this report or with no recorded decision shall be interpreted as "reserved", i.e. not defined and shall be ignored if received |
|  |  |  | **Last upload of revisions:** **Thursday 28 January 2021 15:00 UTC****Last comments:****Friday 29 January 2021 15:00 UTC** |  |  |  |
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