**Third Generation Partnership Project (3GPP™)**

**DRAFT Meeting Report  
for  
TSG CT WG1  
meeting: 121**

**Reno, USA, 11/11/2019 to 15/11/2019**

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## 1 Opening and welcome

The CT1 Chairman, Mr. Peter Leis (Nokia), opened the meeting C1-121 in Peppermill Hotel, Reno, USA on Monday 11 November 2019 at 9am.

Mr Behrouz Aghili (Interdigital) welcomed the delegates on behalf of the host.

The attention of the delegates to the meeting of this Technical Specification Group was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The delegates were asked to take note that they were thereby invited:

to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.

to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.

The attention of the delegates to the meeting was drawn to the fact that 3GPP activities were subject to all applicable antitrust and competition laws and that compliance with said laws was therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen and were invited to seek any clarification needed with their legal counsel. The leadership would conduct the present meeting with impartiality and in the interests of 3GPP. Delegates were reminded that timely submission of work items in advance of TSG/WG meetings was important to allow for full and fair consideration of such matters. Delegates were reminded of the fair network use rules established by the PCG:

1. Users shall not use the network to engage in illegal activities. This includes activities such as copyright violation, hacking, espionage or any other activity that may be prohibited by local laws.

2. Users shall not engage in non-work related activities that are consume excessive bandwidth or cause significant degradation of the performance of the network.

Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities

2019-06-03, updated 2019-08-20, replaced 2019-10-10

1. Public Information is Not Subject to EAR

3GPP is an open platform where all contributions (including technology protected or not by patent) made by the different Individual Members under the membership of each respective Organizational Partner are publicly available. Indeed, contributions by all and any Individual Members are uploaded to a public file server when received and then the documents are effectively in the public domain.

In addition, since membership of email distribution lists is open to all, documents and emails distributed by that means are considered to be publicly available.

As a result, information contained in 3GPP contributions, documents, and emails distributed at 3GPP meetings or by 3GPP email distribution lists, because it is made available to the public without restrictions upon its further dissemination, is not subject to the export restrictions of the EAR.

Meeting minutes are maintained for 3GPP meetings. Such meeting minutes for 3GPP meetings are made available to the public without restrictions upon its further dissemination. As a result, information, including information conveyed orally, contained in 3GPP meetings is not subject to the export restriction of the EAR; this would include information conveyed during side meetings that may occur during the main meetings, if these meetings are open to any participants and the results of all said meetings are publicly available without restrictions upon their further dissemination.

2. Non-Public Information

Non-public information refers to the information not contained or not intended to be contained in 3GPP contributions, documents or emails. Such non-public information may be disclosed during informal meetings, exchanges, discussions or any form of other communication outside the 3GPP meetings and email distribution lists, and may be subject to the EAR.

3. Other Information

Certain encryption software controlled under the International Traffic in Arms Regulations (ITAR), even if publicly available, may still be subject to US export controls other than the EAR.

4. Conduct of Meetings

The situation should be considered as "business as usual" during all the meetings called by 3GPP.

5. Responsibility of Individual Members

It should be remembered that contributions, meetings, exchanges, discussions or any form of other communication in or outside the 3GPP meetings are of the accountability, integrity and the responsibility of each Individual Member. In addition, Individual Members remain responsible for ensuring their compliance with all applicable export control regulations, including but not limited to EAR.

Individual Members with questions regarding the impact of laws and regulations on their participation in 3GPP should contact their companies’ legal counsels.

## 2 Agenda & reports

**C1-198000 3GPP TSG CT1#121 – agenda for Tdoc allocation**

*Type: agenda For: Information  
 Source: CT1 chairman*

**Decision:** The document was **noted**.

**C1-198001 3GPP TSG CT1#121 – agenda after Tdoc allocation deadline**

*Type: agenda For: Information  
 Source: CT1 chairman*

**Decision:** The document was **noted**.

**C1-198002 3GPP TSG CT1#121 – agenda with proposed LS-actions**

*Type: agenda For: Information  
 Source: CT1 chairman*

**Decision:** The document was **noted**.

**C1-198003 3GPP TSG CT1#121 – agenda at start of meeting**

*Type: agenda For: Information  
 Source: CT1 chairman*

**Decision:** The document was **noted**.

**C1-198004 3GPP TSG CT1#121 – agenda at end of meeting**

*Type: agenda For: Information  
 Source: CT1 chairman*

**Decision:** The document was **noted**.

**C1-198005 Time Schedule CT1#121**

*Type: other For: Information  
 Source: CT1 chairman*

**Decision:** The document was **revised to C1-198558**.

**C1-198007 draft C1-120 meeting report**

*Type: report For: (not specified)  
 Source: MCC*

**Discussion:**

approved without comments

**Decision:** The document was **approved**.

**C1-198558 Time Schedule CT1#121**

*Type: other For: Information  
 Source: CT1 chairman*

(Replaces C1-198005)

**Decision:** The document was **noted**.

## 3 Work organisation

### 3.1 Meeting schedule

### 3.2 Work plan and Other adm. Issues

**C1-198006 work plan**

*Type: Work Plan For: (not specified)  
 Source: MCC*

**Decision:** The document was **revised to C1-199043**.

**C1-199043 work plan**

*Type: Work Plan For: -  
 Source: MCC*

(Replaces C1-198006)

**Decision:** The document was **noted**.

**C1-198046 CT1#121bis-e Electronic Meeting – Process and Work Items**

*Type: other For: Information  
 Source: CT1 chairman*

**Discussion:**

Noted without presentation.

**Decision:** The document was **noted**.

## 4 Input LSs

**C1-198016 LS on NID structure and length (C4-194332)**

*Type: LS in For: (not specified)  
 Original outgoing LS: C4-194332, to RAN2, RAN3, CT1, CT3, cc SA2  
 Source: CT4*

**Discussion:**

Related with C1-198295

SA2 has provided their input on CT4 LS in C1-198438

**Decision:** The document was **noted**.

**C1-198017 Reply to LS on 5GS Enhanced support of OTA mechanism for UICC configuration parameter update (C6-190351)**

*Type: LS in For: (not specified)  
 Original outgoing LS: C6-190351, to CT4, SA3, SA2, cc CT1  
 Source: CT6*

**Decision:** The document was **noted**.

**C1-198018 LS on Rel-16 NB-IoT enhancements (RP-192338)**

*Type: LS in For: (not specified)  
 Original outgoing LS: RP-192338, to SA2, CT1, cc RAN2, SA, CT  
 Source: TSG RAN*

**Abstract:**

resubmission of C1-196100 (postponed in C1-120)

**Discussion:**

Related tdocs in C1-198129 (CR) and C1-198228 (DISC), C1-198229/C1-198230 (CRs)

Mahmoud Watfa (Qualcomm) commented that there has not been any agreement on EPS yet.

Lin Shu (Huawei) acknowledged that. CT1 could still work on RAN requirements though.

Fei Lu (ZTE) indicated support for Qualcomm's view.

**Decision:** The document was **noted**.

**C1-198056 Reply LS on Tracking Area Update for RLOS (S2-1910186)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910186, to CT1, cc -  
 Source: SA2*

**Discussion:**

Related tdoc in C1-198049

**Decision:** The document was **noted**.

**C1-198057 LS reply on network slice-specific authentication and authorization (S2-1910344)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910344, to CT1, cc -  
 Source: SA2*

**Discussion:**

Related with disc in C1-198456 and C1-198543; and CRs C1-198029, C1-198545, C1-198546

**Decision:** The document was **noted**.

**C1-198058 Reply LS on assistance indication for WUS (S2-1910549)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910549, to RAN2, CT1, RAN3, cc -  
 Source: SA2*

**Discussion:**

Proposed LS out in C1-198492, related tdocs in C1-198231 (DISC), C1-198232 and C1-198233 (CRs)

**Decision:** The document was **noted**.

**C1-198059 LS on precedence of pre-configured in UE URSP rules (S2-1910582)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910582, to CT6, cc CT1  
 Source: SA2*

**Discussion:**

Related tdoc in C1-198373

**Decision:** The document was **noted**.

**C1-198060 Reply LS on support for flow based QoS for NB-IoT connected to 5GC (S2-1910643)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910643, to CT1, CT4, cc RAN3  
 Source: SA2*

**Discussion:**

Related with C1-198444 (disc) and C1-198443 (CR), and CR in C1-198127

**Decision:** The document was **noted**.

**C1-198061 LS Response Reply LS on support of non-3GPP only UE and support for PEI in IMEI format (S2-1910679)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910679, to SA3, cc CT1, CT4, SA3-LI  
 Source: SA2*

**Discussion:**

Related with C1-198155 and 8416

**Decision:** The document was **noted**.

**C1-198062 LS Response on Security Aspects of AMF Re-allocation Procedure (S2-1910724)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910724, to SA3, cc CT1  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198063 Reply LS to CT1 on set of overlapping provisioning parameters (S2-1910776)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910776, to CT1, cc -  
 Source: SA2*

**Discussion:**

Related tdoc in C1-198404

**Decision:** The document was **replied to in C1-198631**.

**C1-198064 LS on dependencies on AS design for mobility management aspects of NTN in 5GS (S2-1910786)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910786, to RAN2, RAN3, cc CT1  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198065 LS on system level design assumptions for satellite in 5GS (S2-1910787)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910787, to RAN2, RAN3, cc CT1  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198066 Reply LS on RRC Connection Reestablishment for CP for NB-IoT connected to 5GC (S2-1910789)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910789, to RAN2, CT4, SA3, cc CT1, RAN3  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198067 Reply LS on Small Data Rate Control and APN Rate Control (S2-1910805)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910805, to CT4, cc CT1  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198068 Reply LS to BBF on Line ID uniqueness (S2-1910806)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910806, to BBF, CT1, CT4, cc -  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198069 LS on RACS (S2-1910809)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910809, to CT4, cc CT1  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198070 Reply LS to LS on 5GS Enhanced support of OTA mechanism for UICC configuration parameter update (S3-193682)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S3-193682, to CT4, cc CT1, CT6, SA2  
 Source: SA3*

**Decision:** The document was **noted**.

**C1-198071 Reply on QoE Measurement Collection (S4-191234)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S4-191234, to SA5, cc CT1, RAN2, RAN3  
 Source: SA4*

**Decision:** The document was **noted**.

**C1-198072 LS on QoS mapping procedure (S4-191277)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S4-191277, to CT3, cc CT1  
 Source: SA4*

**Decision:** The document was **noted**.

**C1-198438 Reply LS on NID structure and length (S2-1910784)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S2-1910784, to RAN2, RAN3, CT1, CT4, cc CT3  
 Source: SA2*

**Decision:** The document was **noted**.

**C1-198439 LS reply on LS on short MAC-I and ngKSI for 5G-CIoT (S3-193715)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S3-193715, to CT1, cc -  
 Source: SA3*

**Discussion:**

Related tdoc in C1-198054 and 8411

**Decision:** The document was **noted**.

**C1-198441 LS on PC5S and PC5 RRC unicast message protection (S3-193802)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S3-193802, to RAN2, SA2, CT1, cc -  
 Source: SA3*

**Discussion:**

Lena Chaponnière (Qualcomm) commented that there would be a related discussion in SA2 the week after this meeting. CT1 should wait for the outcome of it.

Christian Herrero (Huawei): ditto.

**Decision:** The document was **postponed**.

**C1-198442 Reply LS on GUTI allocation for 5G CIoT (S3-193838)**

*Type: LS in For: (not specified)  
 Original outgoing LS: S3-193838, to CT1, cc -  
 Source: SA3*

**Discussion:**

Related tdoc in C1-198227 (DISC), Proposed LS out in C1-198493 , CR in C1-198125

Mahmoud Watfa (Qualcomm) commented that this should have been sent to SA2 as well. He suggested to write a simple LS to SA2 to inform them of the decision taken by SA3, or to have this incorporated in the outgoing LS proposed by Huawei.

Lin Shu (Huawei) believed that this SA3 LS was really about CT1 details. The LS should incorporate feedback from CT1. It's not meant as a reply LS to this incoming one, but it's actually a stand-alone outgoing LS.

Jennifer Liu (Nokia) believed that CT1 should inform not only SA2 of this SA3 input, but also RAN2 and RAN3. This could be done in a separate LS (and not necessarily in the LS proposed by Huawei).

Mahmoud Watfa (Qualcomm) commented that the omission of SA2 was a mistake. It was not done on purpose in SA3. This is a system-wide feature, SA2 should be in the loop.

The CT1 Chairman asked if anyone had a problem with CT1 forwarding the LS.

Mikael Wass (Ericsson): no problem, but as indicated by Jennifer, this should go to RAN2 and RAN3.

It was commented that it would be possible to forward the LS to SA2, RAN2 and RAN3 without having to write a companion LS.

Lin Shu (Huawei) believed that some CT1 input would be beneficial, in comparison with just forwarding the LS to other WGs.

Mahmoud Watfa (Qualcomm) commented that in the original LS, CT1 asked SA2 to consider the SA3 input. It means that the SA3 response as is could be forwarded to SA2.

Christian Herrero (Huawei): the LS clearly states that CT1 should do something. No need to postpone anything. CT1 has to analyse the situation and assess the work to be done.

The CT1 Chairman commented that there doesn't seem to be any concerns against forwarding the LS to other groups.

Ivo Sedlacek (Ericsson) commented that it would be easier to have MCC forward the LS as is. Otherwise, there is a risk that CT1 approve the LS too late to be taken into consideration by the groups who meet next week.

The CT1 Chairman proposed to assign a number to work on this LS.

Related LS in 8560

**Decision:** The document was **replied to in C1-198493**.

**C1-198559 LS on Testing and Certification of 3GPP Mission Critical features**

**A GCF-TCCA Joint Approach to Develop and Manage MC Certification**

*Type: LS in For: Information  
 Original outgoing LS: -, to GCG SG, cc 3GPP SA6, 3GPP CT1, 3GPP RAN5,*

*ETSI CTI, ETSI STF160, ETSI MCX Plugtests Team*

*GSMA  
 Source: TCCA*

**Decision:** The document was **postponed**.

## 5 void

## 6 void

## 7 void

## 8 Rel-8

### 8.1 IMS-related Rel-8

### 8.2 non-IMS-related Rel-8

## 9 Rel-9

### 9.1 IMS-related Rel-9

### 9.2 non-IMS-related Rel-9

## 10 Rel-10

### 10.1 IMS-related Rel-10

### 10.2 non-IMS-related Rel-10

## 11 Rel-11

### 11.1 IMS-related Rel-11

### 11.2 non-IMS-related Rel-11

## 12 Rel-12

### 12.1 IMS-related Rel-12

### 12.2 non-IMS-related Rel-12

## 13 Rel-13

### 13.1 Rel-13 Mission Critical Work items and issues

**C1-198269 Off-NW MCPTT Errors Discussion**

*Type: discussion For: Discussion  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **noted**.

**C1-198270 Corrections to off-network private call control state machine**

*Type: CR For: Agreement  
 24.379 v13.13.0 CR-0530 Cat: F (Rel-13)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

**C1-198271 Corrections to off-network private call control state machine**

*Type: CR For: Agreement  
 24.379 v14.10.0 CR-0531 Cat: A (Rel-14)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

**C1-198272 Corrections to off-network private call control state machine**

*Type: CR For: Agreement  
 24.379 v15.6.0 CR-0532 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **revised to C1-198665**.

**C1-198665 Corrections to off-network private call control state machine**

*Type: CR For: Agreement  
 24.379 v15.6.0 CR-0532 rev 1 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198272)

**Decision:** The document was **agreed**.

**C1-198273 Corrections to off-network private call control state machine**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0533 Cat: A (Rel-16)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

**C1-198274 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v13.13.0 CR-0534 Cat: F (Rel-13)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **revised to C1-198666**.

**C1-198666 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v13.13.0 CR-0534 rev 1 Cat: F (Rel-13)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198274)

**Decision:** The document was **revised to C1-198829**.

**C1-198829 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v13.13.0 CR-0534 rev 2 Cat: F (Rel-13)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198666)

**Decision:** The document was **revised to C1-198848**.

**C1-198848 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v13.13.0 CR-0534 rev 3 Cat: F (Rel-13)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198829)

**Decision:** The document was **agreed**.

**C1-198275 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v14.10.0 CR-0535 Cat: A (Rel-14)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **revised to C1-198667**.

**C1-198667 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v14.10.0 CR-0535 rev 1 Cat: A (Rel-14)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198275)

**Decision:** The document was **revised to C1-198830**.

**C1-198830 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v14.10.0 CR-0535 rev 2 Cat: A (Rel-14)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198667)

**Decision:** The document was **revised to C1-198849**.

**C1-198849 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v14.10.0 CR-0535 rev 3 Cat: A (Rel-14)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198830)

**Decision:** The document was **agreed**.

**C1-198276 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v15.6.0 CR-0536 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **revised to C1-198668**.

**C1-198668 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v15.6.0 CR-0536 rev 1 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198276)

**Decision:** The document was **revised to C1-198831**.

**C1-198831 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v15.6.0 CR-0536 rev 2 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198668)

**Decision:** The document was **revised to C1-198850**.

**C1-198850 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v15.6.0 CR-0536 rev 3 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198831)

**Decision:** The document was **agreed**.

**C1-198277 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0537 Cat: A (Rel-16)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **revised to C1-198669**.

**C1-198669 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0537 rev 1 Cat: A (Rel-16)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198277)

**Decision:** The document was **revised to C1-198832**.

**C1-198832 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0537 rev 2 Cat: A (Rel-16)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198669)

**Decision:** The document was **revised to C1-198851**.

**C1-198851 Corrections to Off-network private call type control state machine**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0537 rev 3 Cat: A (Rel-16)  
  
 Source: NIST, FirstNet / Mike*

(Replaces C1-198832)

**Decision:** The document was **agreed**.

**C1-198278 Correction of single timer TFP2 mistakenly use for two different purposes**

*Type: CR For: Agreement  
 24.483 v13.7.0 CR-0060 Cat: F (Rel-13)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

**C1-198279 Correction of single timer TFP2 mistakenly use for two different purposes**

*Type: CR For: Agreement  
 24.483 v14.6.0 CR-0061 Cat: A (Rel-14)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

**C1-198280 Correction of single timer TFP2 mistakenly use for two different purposes**

*Type: CR For: Agreement  
 24.483 v15.4.0 CR-0062 Cat: A (Rel-15)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

**C1-198281 Correction of single timer TFP2 mistakenly use for two different purposes**

*Type: CR For: Agreement  
 24.483 v16.1.0 CR-0063 Cat: A (Rel-16)  
  
 Source: NIST, FirstNet / Mike*

**Decision:** The document was **agreed**.

### 13.2 Rel-13 IMS work items and issues

**C1-198167 Reference update: draft-ietf-mmusic-msrp-usage-data-channel**

*Type: CR For: Agreement  
 24.371 v13.10.0 CR-0097 Cat: F (Rel-13)  
  
 Source: Ericsson / Nevenka*

**Decision:** The document was **agreed**.

**C1-198168 Reference update: draft-ietf-mmusic-msrp-usage-data-channel**

*Type: CR For: Agreement  
 24.371 v14.7.0 CR-0098 Cat: A (Rel-14)  
  
 Source: Ericsson / Nevenka*

**Decision:** The document was **agreed**.

**C1-198169 Reference update: draft-ietf-mmusic-msrp-usage-data-channel**

*Type: CR For: Agreement  
 24.371 v15.1.0 CR-0099 Cat: A (Rel-15)  
  
 Source: Ericsson / Nevenka*

**Decision:** The document was **agreed**.

### 13.3 Rel-13 non-IMS work items and issues

## 14 Rel-14

### 14.1 Rel-14 Mision Critical Work Items and issues

**C1-198338 Issue with MONP Message types**

*Type: discussion For: (not specified)  
 Source: Ericsson /Jörgen*

**Decision:** The document was **noted**.

### 14.2 Rel-14 IMS Work Items and issues

### 14.3 Rel-14 non-IMS Work Items and issues

## 15 Release 15

### 15.1 Rel-15 Mission Critical work items and issues

**C1-198036 Error in MBMS service area element**

*Type: CR For: Approval  
 24.281 v15.6.0 CR-0085 Cat: F (Rel-15)  
  
 Source: AT&T*

**Abstract:**

cat F CR0085 for 24.281 Rel-15

**Decision:** The document was **agreed**.

**C1-198037 Error in MBMS service area element**

*Type: CR For: Approval  
 24.281 v16.1.0 CR-0086 Cat: A (Rel-16)  
  
 Source: AT&T*

**Abstract:**

cat A Rel-16 mirror of 24.281 Rel-15 CR #85 in C1-198036

**Decision:** The document was **agreed**.

### 15.2 Rel-15 IMS work items and issues

**C1-198008 Correcting EENL handling**

*Type: CR For: Agreement  
 24.229 v15.8.0 CR-6395 Cat: F (Rel-15)  
  
 Source: BlackBerry UK Ltd.*

**Decision:** The document was **postponed**.

**C1-198009 Correcting EENL handling**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6396 Cat: A (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

**Decision:** The document was **postponed**.

**C1-198171 P-CSCF restoration in 5GS**

*Type: CR For: (not specified)  
 24.229 v15.8.0 CR-6398 Cat: F (Rel-15)  
  
 Source: Ericsson /Jörgen*

**Decision:** The document was **revised to C1-198449**.

**C1-198172 P-CSCF restoration in 5GS**

*Type: CR For: (not specified)  
 24.229 v16.3.0 CR-6399 Cat: A (Rel-16)  
  
 Source: Ericsson /Jörgen*

**Decision:** The document was **revised to C1-198451**.

**C1-198449 P-CSCF restoration in 5GS**

*Type: CR For: (not specified)  
 24.229 v15.8.0 CR-6398 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson /Jörgen*

(Replaces C1-198171)

**Decision:** The document was **agreed**.

**C1-198451 P-CSCF restoration in 5GS**

*Type: CR For: (not specified)  
 24.229 v16.3.0 CR-6399 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson /Jörgen*

(Replaces C1-198172)

**Decision:** The document was **agreed**.

### 15.3 Rel-15 non-IMS/non-MC work items and issues

**C1-198013 Correct EPS SRVCC support indication when registering with 5GS**

*Type: CR For: Agreement  
 24.501 v15.5.0 CR-1642 Cat: F (Rel-15)  
  
 Source: BlackBerry UK Ltd.*

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

Missing Backward Compatibility analysis, C1-198012,C1-198013,C1-198014 are related, address a similar problem

Christian Herrero (Huawei): there is an issue but this is not FASMO. This can be handled by proprietary solutions. Objects to Rel-15.

Fei Lu (ZTE): this should be discussed in SA2 first. The proposal is not fully in line with the current stage 2.

Osama Lotfallah (Qualcomm): it could be solved by proprietary solutions. He commented that there is a related CR in SA2 indeed. Not FASMO.

**Decision:** The document was **rejected**.

**C1-198014 Correct EPS SRVCC support indication when registering with 5GS**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1643 Cat: A (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

**Decision:** The document was **revised to C1-198700**.

**C1-198022 Correct WLAN 3GPP-based access authentication procedure**

*Type: CR For: Agreement  
 24.502 v15.5.0 CR-0061 rev 2 Cat: F (Rel-15)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-194184)

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

wrong spec on cover

Several companies indicated that it's not FASMO.

**Decision:** The document was **rejected**.

**C1-198023 Correct WLAN 3GPP-based access authentication procedure**

*Type: CR For: Agreement  
 24.502 v16.1.0 CR-0098 rev 1 Cat: A (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-194185)

**Decision:** The document was **revised to C1-198701**.

**C1-198117 NAS Count setting during inter-system change from N1 mode to S1 mode**

*Type: CR For: (not specified)  
 24.501 v15.5.0 CR-1667 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Discussion:**

Presented by Jennifer Liu (Nokia)

Mahmoud Watfa (Qualcomm): not FASMO for Rel-15. Already correct thanks to the reference to 24.501;

Christian Herrero (Huawei) disagreed. The reference is not sufficient for implementers. There are quite a few implementations on the market that are incorrect.

Fei Lu (ZTE): agreed with Mahmoud. Not ok with Rel-15

Marko Niemi (Mediatek): would suggest reverting to June version. Believed that the text proposed by Nokia for 3rd paragraph is needed.

Mikael Wass (Ericsson): support the agreement made in SA3. While he understood Mahmoud's reasoning, it's important that it is made clear in the spec.

**Decision:** The document was **revised to C1-198702**.

**C1-198702 NAS Count setting during inter-system change from N1 mode to S1 mode**

*Type: CR For: -  
 24.501 v15.5.0 CR-1667 rev 1 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc.*

(Replaces C1-198117)

**Discussion:**

Presented by Jennifer Liu (Nokia)

It was commented that the Rel-16 version is not an exact mirror.

**Decision:** The document was **revised to C1-198982**.

**C1-198982 NAS Count setting during inter-system change from N1 mode to S1 mode**

*Type: CR For: -  
 24.501 v15.5.0 CR-1667 rev 2 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc.*

(Replaces C1-198702)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **agreed**.

**C1-198118 NAS Count setting during inter-system change from N1 mode to S1 mode**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1668 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Decision:** The document was **revised to C1-198703**.

**C1-198703 NAS Count setting during inter-system change from N1 mode to S1 mode**

*Type: CR For: -  
 24.501 v16.2.0 CR-1668 rev 1 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc.*

(Replaces C1-198118)

**Decision:** The document was **revised to C1-198983**.

**C1-198983 NAS Count setting during inter-system change from N1 mode to S1 mode**

*Type: CR For: -  
 24.501 v16.2.0 CR-1668 rev 2 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc.*

(Replaces C1-198703)

**Decision:** The document was **agreed**.

**C1-198139 UL and DL NAS COUNT handling at HO from 5GS to EPS (Rel-15)**

*Type: CR For: Agreement  
 24.501 v15.5.0 CR-1678 Cat: F (Rel-15)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

alternative to 8117/8118

Christian Herrero (Huawei): we need to be explicit and therefore, would prefer to follow Nokia's proposal in 8117. Reverting to 0 is not correct, as it"s not in line with the SA3 agreement.

Mikael Wass (Ericsson): ditto

no support expressed

**Decision:** The document was **rejected**.

**C1-198140 UL and DL NAS COUNT handling at HO from 5GS to EPS (Rel-16)**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1679 Cat: A (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Decision:** The document was **rejected**.

**C1-198194 PDU Session ID mismatch between UE and AMF**

*Type: discussion For: Agreement  
 Source: NEC Corporation*

**Abstract:**

This paper discusses a potential issue on PDU Session ID mismatch between UE and AMF.

**Discussion:**

Presented by Tamura Toshiyuki (NEC)

Sung Hwan Won (Nokia): it's already covered in the spec.

JJ Huang Fu (Mediatek): alt 1 not acceptable. Alt 2 and 3 are ok, but using existing cause values would be better. Alt 5 cannot solve the issue.

Fei Lu (ZTE): agreed with Sung. This is covered in abnormal cases.

Osama Lotfallah (Qualcomm): this is a very rare case. Alt 1 to 4 are way too complex. Not FASMO for Rel-15. Something might be considered for R16.

Lin Shu (Huawei): agreed that this is rare case. Not FASMO. Not even sure that there is something to be done for Rel-16.

Ivo Sedlacek (Ericsson): agreed that it's already covered

Tamura Toshiyuki (NEC) commented that he would try to progress alt 5 for R16

**Decision:** The document was **noted**.

**C1-198195 Fix PDU Session ID mismatch between UE and AMF**

*Type: CR For: Approval  
 24.501 v15.5.0 CR-1695 Cat: F (Rel-15)  
  
 Source: NEC Corporation*

**Abstract:**

Fix PDU Session ID mismatch between UE and AMF

**Decision:** The document was **rejected**.

**C1-198196 Fix PDU Session ID mismatch between UE and AMF**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1696 Cat: F (Rel-16)  
  
 Source: NEC Corporation*

**Abstract:**

Fix PDU Session ID mismatch between UE and AMF

**Decision:** The document was **revised to C1-198704**.

**C1-198300 Rejected NSSAI**

*Type: CR For: (not specified)  
 24.501 v15.5.0 CR-1708 Cat: F (Rel-15)  
  
 Source: vivo / Yanchao*

**Discussion:**

Presented by Yanchao Kang (vivo)

JJ Huang Fu (Mediatek): consequences if not approved should be improved

Lin Shu (Huawei), Osama Lotfallah (Qualcomm), Kaj Johansson (Ericsson), Kundan Tiwari (Samsung): not FASMO

no support expressed

**Decision:** The document was **rejected**.

**C1-198301 Rejected NSSAI**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1709 Cat: A (Rel-16)  
  
 Source: vivo / Yanchao*

**Decision:** The document was **revised to C1-198705**.

**C1-198407 NAS Count setting during idle mode mobility from N1 mode to S1 mode**

*Type: CR For: (not specified)  
 24.301 v15.7.0 CR-3306 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Discussion:**

Presented by Jennifer Liu (Nokia)

Several companies indicated preference to have this for Rel-16. They didn't see this FASMO for Rel-15.

Christian Herrero (Huawei): Huawei haven't seen this on the field. Should go to Rel-16.

This was rejected, but then, kater during the week, Jennifer indicated that offline discussion led to the possibility of a revision in Rel-15

**Decision:** The document was **revised to C1-198783**.

**C1-198783 NAS Count setting during idle mode mobility from N1 mode to S1 mode**

*Type: CR For: -  
 24.301 v15.7.0 CR-3306 rev 1 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc.*

(Replaces C1-198407)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **agreed**.

**C1-198408 NAS Count setting during idle mode mobility from N1 mode to S1 mode**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3307 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Decision:** The document was **revised to C1-198706**.

**C1-198706 NAS Count setting during idle mode mobility from N1 mode to S1 mode**

*Type: CR For: -  
 24.301 v16.2.0 CR-3307 rev 1 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc.*

(Replaces C1-198408)

**Decision:** The document was **agreed**.

**C1-198424 Correction to the length of two octets support indicator**

*Type: CR For: Agreement  
 24.008 v15.7.0 CR-3208 Cat: F (Rel-15)  
  
 Source: MediaTek Inc., Huawei, HiSilicon, ZTE, Ericsson / JJ*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

**Decision:** The document was **agreed**.

**C1-198425 Correction to the length of two octets support indicator**

*Type: CR For: Agreement  
 24.008 v16.2.0 CR-3209 Cat: A (Rel-16)  
  
 Source: MediaTek Inc., Huawei, HiSilicon, ZTE, Ericsson / JJ*

**Decision:** The document was **agreed**.

## 16 Release 16

### 16.1 Tdocs on Work Items

#### 16.1.1 Work Item Descriptions

**C1-198034 Revision of eMCData2 WID**

*Type: WID revised For: Approval  
 Source: AT&T*

**Discussion:**

Presented by Val Oprescu (AT&T) who commented that the changes are to update the target dates.

The cover sheet should indicate the plenary tdoc number of the previously approved version.

**Decision:** The document was **revised to C1-198564**.

**C1-198564 Revision of eMCData2 WID**

*Type: WID revised For: Approval  
 Source: AT&T*

(Replaces C1-198034)

**Decision:** The document was **agreed**.

**C1-198111 Revised WID on Stage-3 5GS NAS protocol development**

*Type: WID revised For: Approval  
 Source: ORANGE*

(Replaces CP-183087)

**Decision:** The document was **withdrawn**.

**C1-198112 New WID on Rel-16 5G Steering of Roaming**

*Type: WID new For: Approval  
 Source: Orange*

**Decision:** The document was **withdrawn**.

**C1-198120 5G CIoT WID Update for CT1**

*Type: WID revised For: (not specified)  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces CP-191237)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm) who commented that this revision doesn't have any CT1 impact. Changes are for CT3 and CT4.

**Decision:** The document was **revised to C1-199004**.

**C1-199004 5G CIoT WID Update for CT1**

*Type: WID revised For: -  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198120)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198193 Revised WID for CT aspect of single radio voice continuity from 5GS to 3G**

*Type: WID revised For: Approval  
 Source: China Unicom, ZTE*

(Replaces CP-191062)

**Abstract:**

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **revised to C1-198561**.

**C1-198561 Revised WID for CT aspect of single radio voice continuity from 5GS to 3G**

*Type: WID revised For: Approval  
 Source: China Unicom, ZTE*

(Replaces C1-198193)

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **endorsed**.

**C1-198241 Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT)**

*Type: WID new For: Agreement  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198555**.

**C1-198555 Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT)**

*Type: WID new For: Agreement  
 Source: FirstNet / Mike*

(Replaces C1-198241)

**Discussion:**

Presented by Mike Dolan (Firstnet)

**Decision:** The document was **revised to C1-198565**.

**C1-198565 Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT)**

*Type: WID new For: Agreement  
 Source: FirstNet / Mike*

(Replaces C1-198555)

**Discussion:**

Presented by Mike Dolan (Firstnet)

**Decision:** The document was **agreed**.

**C1-198710 Revised WID on CT aspects of support for integrated access and backhaul (IAB)**

*Type: WID revised For: (not specified)  
 Source: Qualcomm Incorporated*

(Replaces CP-192256)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm) who commented that all CT1 aspects were removed.

**Decision:** The document was **endorsed**.

#### 16.1.2 CRs and Discussion Documents related to new or revised Work Items

**C1-198242 Preconfigured User/Group Regroup**

*Type: discussion For: Discussion  
 Source: FirstNet / Mike*

**Decision:** The document was **noted**.

**C1-198243 Preconfig Regroup - 4.4.2 Warning texts**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0504 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198637**.

**C1-198637 Preconfig Regroup - 4.4.2 Warning texts**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0504 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198243)

**Decision:** The document was **agreed**.

**C1-198244 Preconfig Regroup - 6.3.1.3 SIP MESSAGE types**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0505 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198638**.

**C1-198638 Preconfig Regroup - 6.3.1.3 SIP MESSAGE types**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0505 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198244)

**Decision:** The document was **revised to C1-198804**.

**C1-198804 Preconfig Regroup - 6.3.1.3 SIP MESSAGE types**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0505 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198638)

**Decision:** The document was **agreed**.

**C1-198245 Preconfig Regroup - 10.1.6.1 General section**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0506 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198639**.

**C1-198639 Preconfig Regroup - 10.1.6.1 General section**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0506 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198245)

**Decision:** The document was **revised to C1-198805**.

**C1-198805 Preconfig Regroup - 10.1.6.1 General section**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0506 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198639)

**Decision:** The document was **agreed**.

**C1-198246 Preconfig Regroup - 10.1.6.2 Group regroup intro**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0507 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198640**.

**C1-198640 Preconfig Regroup - 10.1.6.2 Group regroup intro**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0507 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198246)

**Decision:** The document was **withdrawn**.

**C1-198247 Preconfig Regroup - 10.1.6.2.1.1 Client create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0508 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198641**.

**C1-198641 Preconfig Regroup - 10.1.6.2.1.1 Client create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0508 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198247)

**Decision:** The document was **revised to C1-198806**.

**C1-198806 Preconfig Regroup - 10.1.6.2.1.1 Client create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0508 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198641)

**Decision:** The document was **agreed**.

**C1-198248 Preconfig Regroup - 10.1.6.2.1.2 Client remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0509 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198643**.

**C1-198643 Preconfig Regroup - 10.1.6.2.1.2 Client remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0509 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198248)

**Decision:** The document was **agreed**.

**C1-198249 Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0510 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198644**.

**C1-198644 Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0510 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198249)

**Decision:** The document was **revised to C1-198807**.

**C1-198807 Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0510 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198644)

**Decision:** The document was **agreed**.

**C1-198250 Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0511 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198645**.

**C1-198645 Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0511 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198250)

**Decision:** The document was **revised to C1-198808**.

**C1-198808 Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0511 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198645)

**Decision:** The document was **agreed**.

**C1-198251 Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0512 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198646**.

**C1-198646 Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0512 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198251)

**Decision:** The document was **revised to C1-198809**.

**C1-198809 Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0512 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198646)

**Decision:** The document was **revised to C1-198852**.

**C1-198852 Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0512 rev 3 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198809)

**Decision:** The document was **agreed**.

**C1-198252 Preconfig Regroup - 10.1.6.2.2.4 Term. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0513 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198647**.

**C1-198647 Preconfig Regroup - 10.1.6.2.2.4 Term. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0513 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198252)

**Decision:** The document was **agreed**.

**C1-198253 Preconfig Regroup - 10.1.6.2.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0514 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198648**.

**C1-198648 Preconfig Regroup - 10.1.6.2.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0514 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198253)

**Decision:** The document was **revised to C1-198810**.

**C1-198810 Preconfig Regroup - 10.1.6.2.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0514 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198648)

**Decision:** The document was **revised to C1-198853**.

**C1-198853 Preconfig Regroup - 10.1.6.2.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0514 rev 3 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198810)

**Decision:** The document was **agreed**.

**C1-198254 Preconfig Regroup - 10.1.6.2.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0515 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198649**.

**C1-198649 Preconfig Regroup - 10.1.6.2.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0515 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198254)

**Decision:** The document was **revised to C1-198827**.

**C1-198827 Preconfig Regroup - 10.1.6.2.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0515 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198649)

**Decision:** The document was **revised to C1-198856**.

**C1-198856 Preconfig Regroup - 10.1.6.2.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0515 rev 3 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198827)

**Decision:** The document was **agreed**.

**C1-198255 Preconfig Regroup - 10.1.6.2.3.3 Control. remove decision**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0516 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198687**.

**C1-198687 Preconfig Regroup - 10.1.6.2.3.3 Control. remove decision**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0516 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198255)

**Decision:** The document was **agreed**.

**C1-198256 Preconfig Regroup - 10.1.6.2.4.1 Non-control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0517 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198688**.

**C1-198688 Preconfig Regroup - 10.1.6.2.4.1 Non-control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0517 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198256)

**Decision:** The document was **agreed**.

**C1-198257 Preconfig Regroup - 10.1.6.2.4.2 Non-control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0518 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198689**.

**C1-198689 Preconfig Regroup - 10.1.6.2.4.2 Non-control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0518 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198257)

**Decision:** The document was **agreed**.

**C1-198258 Preconfig Regroup - 10.1.6.3 User regroup intro**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0519 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **withdrawn**.

**C1-198259 Preconfig Regroup - 10.1.6.3.1.1 Client create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0520 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198690**.

**C1-198690 Preconfig Regroup - 10.1.6.3.1.1 Client create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0520 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198259)

**Decision:** The document was **revised to C1-198835**.

**C1-198835 Preconfig Regroup - 10.1.6.3.1.1 Client create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0520 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198690)

**Decision:** The document was **agreed**.

**C1-198260 Preconfig Regroup - 10.1.6.3.1.2 Client remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0521 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198691**.

**C1-198691 Preconfig Regroup - 10.1.6.3.1.2 Client remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0521 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198260)

**Decision:** The document was **agreed**.

**C1-198261 Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0522 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198692**.

**C1-198692 Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0522 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198261)

**Decision:** The document was **revised to C1-198836**.

**C1-198836 Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0522 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198692)

**Decision:** The document was **agreed**.

**C1-198262 Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0523 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198693**.

**C1-198693 Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0523 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198262)

**Decision:** The document was **revised to C1-198837**.

**C1-198837 Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0523 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198693)

**Decision:** The document was **agreed**.

**C1-198263 Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0524 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198694**.

**C1-198694 Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0524 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198263)

**Decision:** The document was **revised to C1-198838**.

**C1-198838 Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0524 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198694)

**Decision:** The document was **agreed**.

**C1-198264 Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0525 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198695**.

**C1-198695 Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0525 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198264)

**Decision:** The document was **revised to C1-198839**.

**C1-198839 Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0525 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198695)

**Decision:** The document was **agreed**.

**C1-198265 Preconfig Regroup - 10.1.6.3.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0526 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198696**.

**C1-198696 Preconfig Regroup - 10.1.6.3.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0526 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198265)

**Decision:** The document was **revised to C1-198840**.

**C1-198840 Preconfig Regroup - 10.1.6.3.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0526 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198696)

**Decision:** The document was **revised to C1-198857**.

**C1-198857 Preconfig Regroup - 10.1.6.3.3.1 Control. create request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0526 rev 3 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198840)

**Decision:** The document was **agreed**.

**C1-198266 Preconfig Regroup - 10.1.6.3.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0527 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198697**.

**C1-198697 Preconfig Regroup - 10.1.6.3.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0527 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198266)

**Decision:** The document was **revised to C1-198841**.

**C1-198841 Preconfig Regroup - 10.1.6.3.3.2 Control. remove request**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0527 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198697)

**Decision:** The document was **agreed**.

**C1-198267 Preconfig Regroup - 10.1.6.3.3.3 Control. remove decision**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0528 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198698**.

**C1-198698 Preconfig Regroup - 10.1.6.3.3.3 Control. remove decision**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0528 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198267)

**Decision:** The document was **agreed**.

**C1-198268 Preconfig regroup – F.7 XML schema for regroup using preconfigured group**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0529 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198642**.

**C1-198642 Preconfig regroup – F.7 XML schema for regroup using preconfigured group**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0529 rev 1 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198268)

**Decision:** The document was **revised to C1-198826**.

**C1-198826 Preconfig regroup – F.7 XML schema for regroup using preconfigured group**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0529 rev 2 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198642)

**Decision:** The document was **revised to C1-198854**.

**C1-198854 Preconfig regroup – F.7 XML schema for regroup using preconfigured group**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0529 rev 3 Cat: B (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198826)

**Decision:** The document was **agreed**.

**C1-198371 Discussion on IMS video service**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Hongxia*

**Abstract:**

As specified in 3GPP TS 24.182, TS 24.183 and TS 24.628, the CAT, CRS and announcement can be applied to different scenarios around IMS call. CAT is played to the originating UE during alerting. CRS is played to terminating UE during alerting. Announcement is played to the originating UE or the terminating UE during the establishment of a call, during the established call, when the call is rejected or during the release of a call. The media type of them can be audio, video, etc.

However, because of the limitation of 2G, 3G network, only audio ring tone and audio announcement developed well in the past ten years.

Currently, it’s good time for operators to develop video service around IMS call because:

 VoLTE is already supported by many operators, HD voice and video call are used by more and more users. HD video ring tone or announcement can also be provided around these call.

 Internet video service is very hot currently, operators can also share the video market by providing various video services around billions of voice/video call, including providing video CAT, CRS or announcement service as 2B or 2C service in a right way (not negatively affect the conversation among UEs).

Here, the IMS video services include video CAT, video CRS and video announcement. Video CAT developed well in the recent two years. Video CRS and video announcement are both developing now. But there are some practical obstacles in developing these services. These practical obstacles need to be solved by improving specifications, including TS 24.182, TS 24.183, and TS 24.628, which were developed ten years ago.

**Discussion:**

Presented by Christian Herrero (Huawei)

related WID in 8372

Jörgen Axell (Ericsson): problem is not clear.

**Decision:** The document was **noted**.

**C1-198372 Enhancement of IMS video service**

*Type: WID new For: Approval  
 Source: Huawei, HiSilicon,CMCC,China Unicom,vivo,China Telecommunications /Hongxia*

**Discussion:**

Presented by Christian Herrero (Huawei)

Jörgen Axell (Ericsson): terminology should be updated. He raised some concerns about the wording used in the objectives (in particular "well supported"). It makes the understanding of the issue tricky.

**Decision:** The document was **revised to C1-198563**.

**C1-198563 New WID on Video enhancement of additional services around IMS call**

*Type: WID new For: Approval  
 Source: Huawei, HiSilicon,CMCC,China Unicom,vivo,China Telecommunications /Hongxia*

(Replaces C1-198372)

**Decision:** The document was **revised to C1-198957**.

**C1-198957 New WID on Video enhancement of IMS CRS/CAT/announcement services**

*Type: WID new For: Approval  
 Source: Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom*

(Replaces C1-198563)

**Discussion:**

Presented by Lin Shu (Huawei)

Jörgen Axell (Ericsson) proposed some rewording for the impact on 24.628.

**Decision:** The document was **revised to C1-199049**.

**C1-199049 New WID on Video enhancement of IMS CRS/CAT/announcement services**

*Type: WID new For: Approval  
 Source: Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom*

(Replaces C1-198957)

**Discussion:**

Presented by Lin Shu (Huawei)

missing acronym

**Decision:** The document was **revised to C1-199059**.

**C1-199059 New WID on Video enhancement of IMS CRS/CAT/announcement services**

*Type: WID new For: Approval  
 Source: Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom*

(Replaces C1-199049)

**Decision:** The document was **agreed**.

#### 16.1.3 Status of other Work Items

#### 16.1.4 Release 16 documents for information

### 16.2 WIs for common and SAE/5G

#### 16.2.1 ePWS

**C1-198091 Workplan for ePWS-CT aspects**

*Type: Work Plan For: Information  
 Source: SyncTechno Inc.*

**Abstract:**

Workplan for ePWS-CT aspects

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **noted**.

**C1-198092 CR 23.041#0202 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0202 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

**Abstract:**

CR for 23.041 to introduce ePWS functionality

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

Lena Chaponnière (Qualcomm) and Ivo Sedlacek (Ericsson) indicated that they would provide comments on editorial issues and suggest wording improvements.

**Decision:** The document was **revised to C1-198566**.

**C1-198566 CR 23.041#0202 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0202 rev 1 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

(Replaces C1-198092)

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **revised to C1-198972**.

**C1-198972 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0202 rev 2 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

(Replaces C1-198566)

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **revised to C1-199011**.

**C1-199011 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0202 rev 3 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

(Replaces C1-198972)

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **agreed**.

**C1-198093 CR 23.041#0203 Support of language-independent content mapped to a disaster in a warning message**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0203 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

**Abstract:**

CR for 23.041 to specify the support of language-independent content mapped to a disaster in a warning message

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **revised to C1-198567**.

**C1-198567 Support of language-independent content mapped to a disaster in a warning message**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0203 rev 1 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

(Replaces C1-198093)

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **revised to C1-198973**.

**C1-198973 Support of language-independent content mapped to a disaster in a warning message**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0203 rev 2 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

(Replaces C1-198567)

**Discussion:**

Presented by Hyounhee Koo (SyncTechno)

**Decision:** The document was **revised to C1-199012**.

**C1-199012 Support of language-independent content mapped to a disaster in a warning message**

*Type: CR For: Approval  
 23.041 v16.1.0 CR-0203 rev 3 Cat: B (Rel-16)  
  
 Source: SyncTechno Inc., The Police of the Netherlands*

(Replaces C1-198973)

**Decision:** The document was **agreed**.

#### 16.2.2 SINE\_5G

**C1-198222 Work plan for SINE\_5G**

*Type: discussion For: Information  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196557)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **noted**.

**C1-198223 Discussion on retry restriction in non-3GPP access and inter-access type re-attempt**

*Type: discussion For: Decision  
 Source: Huawei, HiSilicon/Lin*

**Abstract:**

o far, for the SINE\_5G work there is a objective listed in the WID was not touched:

"3. To analyse retry restriction issues between 3GPP access and non-3GPP access, and to provide retry restriction mechanism for inter-access type retry attempts."

This discussion paper attempts to discuss and analyze above objective and propose a way to cover required work in CT1.

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **noted**.

**C1-198224 Retry restriction on non-3GPP access**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1699 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198568**.

**C1-198568 Retry restriction on non-3GPP access**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1699 rev 1 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Ericsson, MediaTek Inc.*

(Replaces C1-198224)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198225 No retry restriction for 5GSM cause value #39**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1700 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198569**.

**C1-198569 No retry restriction for 5GSM cause value #39**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1700 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198225)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198390 Excluding 5GSM causes for congestion control from SINE**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1728 Cat: F (Rel-16)  
  
 Source: China Telecom Corporation Ltd,Huawei,Hisilicon*

**Abstract:**

It proposes to exclude the 5GSM cause values for congestion control from SINE.

**Discussion:**

Presented by Haorui Yang (OPPO)

Sung Hwan Won (Nokia) suggested to change 6.4.X.Y instead.

Show of hands:

who supports the CR? 4 companies

6.4.X.Y: 1 company

**Decision:** The document was **agreed**.

**C1-198429 Discussion on 5GSM cause #29**

*Type: discussion For: Agreement  
 Source: MediaTek Inc. / JJ*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

**Decision:** The document was **noted**.

#### 16.2.3 SAES16 WIs

##### 16.2.3.1 SAES16

**C1-198080 Handing of EMM parameters for certain Tracking Area Updating failures**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3278 rev 2 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-196157)

**Abstract:**

Handing of EPS Update Status and EMM sub-state for certain use cases of TAU failure

**Discussion:**

Presented by RV Anikethan (Samsung)

The MCC will add the missing non-breaking spaces.

**Decision:** The document was **agreed**.

**C1-198105 Correction of handling of detach procedure in ATTEMPTING-TO-UPDATE**

*Type: CR For: Approval  
 24.301 v16.2.0 CR-3296 Cat: F (Rel-16)  
  
 Source: Intel*

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **revised to C1-198794**.

**C1-198794 Correction of handling of detach procedure in ATTEMPTING-TO-UPDATE**

*Type: CR For: Approval  
 24.301 v16.2.0 CR-3296 rev 1 Cat: F (Rel-16)  
  
 Source: Intel*

(Replaces C1-198105)

**Decision:** The document was **agreed**.

**C1-198108 Corrections and enhancements for T3440**

*Type: CR For: Approval  
 24.301 v16.2.0 CR-3297 Cat: F (Rel-16)  
  
 Source: Intel*

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **revised to C1-198797**.

**C1-198797 Corrections and enhancements for T3440**

*Type: CR For: Approval  
 24.301 v16.2.0 CR-3297 rev 1 Cat: F (Rel-16)  
  
 Source: Intel*

(Replaces C1-198108)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198142 Removal of update status dependency for sub-state selection**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3298 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **agreed**.

**C1-198180 Handling of CSG selection mode**

*Type: CR For: Approval  
 23.122 v16.3.0 CR-0470 Cat: F (Rel-16)  
  
 Source: Intel*

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198230 Support of UE specific DRX for NB-IoT**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3302 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

Related with incoming LS in C1-198058

wrong spec on cover

Mahmoud Watfa (Qualcomm): too early to do anything for EPS, as there are ongoing discussions in SA2.

Fei Lu (ZTE): ditto. Would like to wait.

**Decision:** The document was **postponed**.

**C1-198231 Discussion on UE paging probability for WUS**

*Type: discussion For: Decision  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

Related with incoming LS in C1-198058

**Decision:** The document was **noted**.

**C1-198232 Support of UE paging probability for WUS-general part**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3303 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Related with incoming LS in C1-198058

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198900**.

**C1-198900 Support of UE paging probability for WUS-general part**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3303 rev 1 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198232)

**Decision:** The document was **agreed**.

**C1-198233 Support of UE paging probability for WUS-procedure part**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3304 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Related with incoming LS in C1-198058

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198901**.

**C1-198901 Support of UE paging probability for WUS-procedure part**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3304 rev 1 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198233)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-199045**.

**C1-199045 Support of UE paging probability for WUS-procedure part**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3304 rev 2 Cat: B (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell*

(Replaces C1-198901)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198501 Addition of NAS Message Container 2 for LPP/LCS messages**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3308 Cat: B (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-198902**.

**C1-198902 Addition of NAS Message Container 2 for LPP/LCS messages**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3308 rev 1 Cat: B (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

(Replaces C1-198501)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **postponed**.

##### 16.2.3.2 SAES16-CSFB

##### 16.2.3.3 SAES16-non3GPP

**C1-198391 Clarification about when server should reject MAX\_CONNECTION\_REACHED error for PDN connection request**

*Type: CR For: Agreement  
 24.302 v16.2.0 CR-0717 Cat: D (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

Added the clarification that this error type should be sent only for the new PDN connection. For PDN connection type marked as “handover”, this error type should not be sent.

**Discussion:**

Moved from IMSProtoc16, work item code needs to be corrected

Presented by Rohit Naik (Mediatek)

Concerns from Ericsson and Huawei. They believed that the change was incorrect.

No support expressed in CT1.

**Decision:** The document was **revised to C1-198939**.

**C1-198939 Clarification about when server should reject MAX\_CONNECTION\_REACHED error for PDN connection request**

*Type: CR For: Agreement  
 24.302 v16.2.0 CR-0717 rev 1 Cat: - (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198391)

**Decision:** The document was **postponed**.

#### 16.2.4 5GProtoc16 WIs

##### 16.2.4.1 5GProtoc16

**C1-198010 Expediting emergency services during inter-system change in single-registration mode and without N26 interface**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-1564 rev 2 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-196783)

**Decision:** The document was **postponed**.

**C1-198011 Address EN on IMEI transfer from 5GS using N26**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3276 rev 1 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-196029)

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

**Decision:** The document was **revised to C1-198789**.

**C1-198789 Address EN on IMEI transfer from 5GS using N26**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3276 rev 2 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198011)

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

**Decision:** The document was **revised to C1-199027**.

**C1-199027 Address EN on IMEI transfer from 5GS using N26**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3276 rev 3 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198789)

**Discussion:**

no change

**Decision:** The document was **agreed**.

**C1-198700 Correct EPS SRVCC support indication when registering with 5GS**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1643 rev 1 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198014)

**Discussion:**

becomes 5GProtoc16

**Decision:** The document was **postponed**.

**C1-198701 Correct WLAN 3GPP-based access authentication procedure**

*Type: CR For: Agreement  
 24.502 v16.1.0 CR-0098 rev 2 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198023)

**Decision:** The document was **postponed**.

**C1-198030 EPS bearer identity coding, revoke agreed non backward compatible changes**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1644 Cat: F (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

merged into 8915

**Decision:** The document was **merged**.

**C1-198031 Correcting text and format**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1645 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

Lazaros Gkatzikis (Nokia): this has already been fixed in the last meeting.

**Decision:** The document was **revised to C1-198790**.

**C1-198790 Correcting text and format**

*Type: CR For: -  
 24.501 v16.2.0 CR-1645 rev 1 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-198031)

**Decision:** The document was **withdrawn**.

**C1-198032 Registry for OS Identities in 3GPP**

*Type: discussion For: Approval  
 Source: InterDigital, Ericsson, Intel, Vodafone, AT&T, Nokia, Nokia Shanghai Bell, Samsung, China Mobile, Motorola Mobility, Lenovo, Charter Communications, Proximus / Atle*

(Replaces C1-196771)

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-198549**.

**C1-198052 Clarification on the Mapped EPS bearer context**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1649 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

Ericsson and Huawei: while the change itself was correct, the cover sheet could be improved.

**Decision:** The document was **revised to C1-198904**.

**C1-198904 Clarification on the Mapped EPS bearer context**

*Type: CR For: -  
 24.501 v16.2.0 CR-1649 rev 1 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198052)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198053 Editorial corrections to text related to the status of PDU sessions during SR procedure**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1650 Cat: D (Rel-16)  
  
 Source: Samsung/Anikethan*

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **agreed**.

**C1-198077 NSSAI Handling in Roaming Cases**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1655 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **revised to C1-198905**.

**C1-198905 NSSAI Handling in Roaming Cases**

*Type: CR For: -  
 24.501 v16.2.0 CR-1655 rev 1 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198077)

**Decision:** The document was **withdrawn**.

**C1-198078 Association of the 5GSM back-off timer and handling of 5GSM cause #39 after an S-NSSAI update**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1656 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Decision:** The document was **postponed**.

**C1-198081 Handing of 5GMM parameters during certain mobility registration failures**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1327 rev 4 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-196015)

**Abstract:**

There are use cases where a UE and network are out of sync wrt the capability/subscription but the UE might wrongly end up allowing certain actions. This can lead to further abnormalities. The current CR tries to correct this behaviour.

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **agreed**.

**C1-198088 Clarification on the UE policy container**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1662 Cat: F (Rel-16)  
  
 Source: ZTE*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **agreed**.

**C1-198095 Emergency registered state handling**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1409 rev 3 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-196923)

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **revised to C1-198913**.

**C1-198913 Emergency registered state handling**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1409 rev 4 Cat: F (Rel-16)  
  
 Source: Samsung*

(Replaces C1-198095)

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **agreed**.

**C1-198096 DNN Replacement**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1663 Cat: F (Rel-16)  
  
 Source: Ericsson / Mikael*

**Discussion:**

Presented by Mikael Wass (Ericsson)

Alternative to agreed CR in C1-196958 (from Portoroz)

**Decision:** The document was **revised to C1-198912**.

**C1-198912 DNN Replacement**

*Type: CR For: -  
 24.501 v16.2.0 CR-1663 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-198096)

**Decision:** The document was **agreed**.

**C1-198097 Faulty and missing reference**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1664 Cat: F (Rel-16)  
  
 Source: Ericsson / Mikael*

**Discussion:**

Presented by Mikael Wass (Ericsson)

missing clauses affected

**Decision:** The document was **revised to C1-198961**.

**C1-198961 Faulty and missing reference**

*Type: CR For: -  
 24.501 v16.2.0 CR-1664 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson / Mikael*

(Replaces C1-198097)

**Decision:** The document was **agreed**.

**C1-198106 Correction of handling of de-registration procedure in ATTEMPTING-REGISTRATION-UPDATE**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1665 Cat: F (Rel-16)  
  
 Source: Intel*

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-198795**.

**C1-198795 Correction of handling of de-registration procedure in ATTEMPTING-REGISTRATION-UPDATE**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1665 rev 1 Cat: F (Rel-16)  
  
 Source: Intel*

(Replaces C1-198106)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198109 Corrections and enhancements for T3540**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1666 Cat: F (Rel-16)  
  
 Source: Intel*

**Decision:** The document was **revised to C1-198798**.

**C1-198798 Corrections and enhancements for T3540**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1666 rev 1 Cat: F (Rel-16)  
  
 Source: Intel*

(Replaces C1-198109)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198116 Discussion on dynamic update of SOR information using SOR-AF**

*Type: discussion For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Decision:** The document was **withdrawn**.

**C1-198121 Handling multiple QoS errors during a PDU session modification procedure**

*Type: discussion For: (not specified)  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

JJ Huang Fu (Mediatek): prefer option 1

Fei Lu (ZTE): ditto

Ivo Sedlacek (Ericsson): ditto

Lin Shu (Huawei) commented that it's a rare case.

**Decision:** The document was **noted**.

**C1-198122 Handling multiple QoS errors during a PDU session modification procedure – Option 1**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1669 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **revised to C1-198926**.

**C1-198926 Handling multiple QoS errors during a PDU session modification procedure – Option 1**

*Type: CR For: -  
 24.501 v16.2.0 CR-1669 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, MediaTek Inc., Ericsson*

(Replaces C1-198122)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **revised to C1-199053**.

**C1-199053 Handling multiple QoS errors during a PDU session modification procedure – Option 1**

*Type: CR For: -  
 24.501 v16.2.0 CR-1669 rev 2 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, MediaTek Inc., Ericsson*

(Replaces C1-198926)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198123 Handling multiple QoS errors during a PDU session modification procedure – Option 2**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1670 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Decision:** The document was **withdrawn**.

**C1-198130 Correction on UE matching the existing PDU sessions**

*Type: CR For: Agreement  
 24.526 v16.1.0 CR-0064 Cat: F (Rel-16)  
  
 Source: OPPO / Rae*

**Discussion:**

Presented by Haorui Yang (OPPO)

No consensus

2 companies (OPPO, Huawei) support the change

2 companies (Mediatek, Qualcomm) commented that the current spec was correct

**Decision:** The document was **postponed**.

**C1-198134 Clarification for URSP evaluation**

*Type: CR For: (not specified)  
 24.526 v16.1.0 CR-0059 rev 2 Cat: F (Rel-16)  
  
 Source: OPPO / Rae*

(Replaces C1-196785)

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **revised to C1-198903**.

**C1-198903 Clarification for URSP evaluation**

*Type: CR For: -  
 24.526 v16.1.0 CR-0059 rev 3 Cat: F (Rel-16)  
  
 Source: OPPO*

(Replaces C1-198134)

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **agreed**.

**C1-198136 DISC on Requested mapped NSSAI IE inclusion rules**

*Type: discussion For: Discussion  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

Mahmoud Watfa (Qualcomm): why splitting information on two IEs? It would be better to send Rel-16 IE in Rel-16 condition

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on the topic in general

The CT1 Chairman: no consensus. If it cannot be concluded upon by the end of the week, we should consider a technical vote.

show of hands

8077: 2 companies

8137: 7 companies

**Decision:** The document was **noted**.

**C1-198137 Correction to delivery of mapped S-NSSAI(s)**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1480 rev 5 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE*

(Replaces C1-196769)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-198906**.

**C1-198906 Correction to delivery of mapped S-NSSAI(s)**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1480 rev 6 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE*

(Replaces C1-198137)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-199050**.

**C1-199050 Correction to delivery of mapped S-NSSAI(s)**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1480 rev 7 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE*

(Replaces C1-198906)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **agreed**.

**C1-198138 Correction to UE abnormal case in initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1677 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

related doc in 8218

**Decision:** The document was **revised to C1-198962**.

**C1-198962 Correction to UE abnormal case in initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1677 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

(Replaces C1-198138)

**Decision:** The document was **postponed**.

**C1-198141 Receiving deregistration with cause #72 when registered for both 3GPP and Non-3GPP access**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1496 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., ZTE, Samsung*

(Replaces C1-196023)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-198920**.

**C1-198920 Receiving deregistration with cause #72 when registered for both 3GPP and Non-3GPP access**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1496 rev 2 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., ZTE, Samsung, SHARP*

(Replaces C1-198141)

**Decision:** The document was **agreed**.

**C1-198144 5GMM state in non-3GPP access not impacting EMM state of single-registered UE**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1680 Cat: F (Rel-16)  
  
 Source: Ericsson / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198145 Completion of EMM causes handling by single-registered UE**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3299 Cat: F (Rel-16)  
  
 Source: Ericsson / Ivo*

**Decision:** The document was **agreed**.

**C1-198146 Attach attempt counter reset by single-registered UE**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3300 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198147 Registration attempt counter reset by single-registered UE**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1681 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

Lin Shu (Huawei): notes should be numbered

**Decision:** The document was **revised to C1-198997**.

**C1-198997 Registration attempt counter reset by single-registered UE**

*Type: CR For: -  
 24.501 v16.2.0 CR-1681 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C1-198147)

**Decision:** The document was **agreed**.

**C1-198148 Correction for 5GMM and inter-system change**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1682 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

Lin Shu (Huawei) commented that several CRs cover the topic. It would be better to combine everything into a single one.

**Decision:** The document was **agreed**.

**C1-198149 Correction for 5GSM and inter-system change with N26**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1683 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198150 Clarification to forbidden PLMN list**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1684 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

wrong CR# on cover

**Decision:** The document was **revised to C1-198998**.

**C1-198998 Clarification to forbidden PLMN list**

*Type: CR For: -  
 24.501 v16.2.0 CR-1684 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C1-198150)

**Decision:** The document was **agreed**.

**C1-198162 Correction for 5GS network feature support IE**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1690 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198181 Comments on C1-196447 "EHPLMN and Dual registration"**

*Type: discussion For: Decision  
 Source: Intel*

**Abstract:**

At CT1#120, CT1 agreed a CR to TS 24.501 on "EHPLMN and Dual registration" (CR #1603, C1-196447). The CR implements the principle that when the UE is registered on its HPLMN or any EHPLMN, and this PLMN indicates support for "interworking without N26 interface", then the UE can consider any other EHPLMN as a candidate for registration on a second RAT in dual-registration mode.

In our view there are 2 technical issues with this CR: one related to the stage 2 requirements, the other one concerning backwards compatibility.

In the present paper we are discussing these issues and a possible way forward.

**Discussion:**

Presented by Vivek Gupta (Intel)

RV Anikethan (Samsung): ok to send an LS to SA2. Would like to keep the CR agreed.

Sung Hwan Won (Nokia): would like to keep the CR agreed too

The CT1 Chairman asked who wants to have the CR postponed. Nobody apart from Intel.

Related outgoing LS in 8917

**Decision:** The document was **noted**.

**C1-198182 Proposed LS to SA2 on Dual-registration requirements for EHPLMNs**

*Type: LS out For: Approval  
 to SA2  
 Source: Intel*

**Decision:** The document was **withdrawn**.

**C1-198191 Correction and clarification of interworking with ePDG connected to EPC**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1433 rev 3 Cat: F (Rel-16)  
  
 Source: Intel / Vivek*

(Replaces C1-196924)

**Discussion:**

Presented by Vivek Gupta (Intel)

revision of a CR agreed in Portoroz

**Decision:** The document was **agreed**.

**C1-198192 Association of NSSAI with default EPS bearer context**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3301 Cat: F (Rel-16)  
  
 Source: Intel / Vivek*

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **revised to C1-198930**.

**C1-198930 Association of NSSAI with default EPS bearer context**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3301 rev 1 Cat: F (Rel-16)  
  
 Source: Intel / Vivek*

(Replaces C1-198192)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198704 Fix PDU Session ID mismatch between UE and AMF**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1696 rev 1 Cat: F (Rel-16)  
  
 Source: NEC Corporation*

(Replaces C1-198196)

**Discussion:**

becomes 5GProtoc16

**Decision:** The document was **withdrawn**.

**C1-198197 Unified Access Control for IMS registration related signalling**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1628 rev 3 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT*

(Replaces C1-196981)

**Discussion:**

Presented by Maoki Hikosaka (NTT DOCOMO)

Sang Min Park (LG Electronics) commented that LG Electronics objected at the previous meeting. They are now ok wth the proposal. Sang Min Park (LG Electronics) had suggested to Maoaki offline to include a note about having an implementation-specific solution in the UE. Several companies (including Ericsson and Qualcomm) raised some concerns about such a note.

Osama Lotfallah (Qualcomm) believed that RAN2 should be involved in this discussion (new RRC establishmnent cause).

No consensus on the way forward.

Later, Sang Min Park (LG Electronics) commented that he was ok with the CR.

**Decision:** The document was **revised to C1-198791**.

**C1-198791 Unified Access Control for IMS registration related signalling**

*Type: CR For: -  
 24.501 v16.2.0 CR-1628 rev 4 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT, Samsung*

(Replaces C1-198197)

**Decision:** The document was **agreed**.

**C1-198198 Procedure for MO IMS related signalling started indication for UAC**

*Type: CR For: (not specified)  
 24.229 v16.3.0 CR-6394 rev 2 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT/ Maoki*

(Replaces C1-196982)

**Discussion:**

Presented by Maoki Hikosaka (NTT DOCOMO)

Some editorial issues.

Osama Lotfallah (Qualcomm) raised some concerns the reasons for change, which are copied/paste from the previous doc.

**Decision:** The document was **revised to C1-198792**.

**C1-198792 Procedure for MO IMS related signalling started indication for UAC**

*Type: CR For: -  
 24.229 v16.3.0 CR-6394 rev 3 Cat: F (Rel-16)  
  
 Source: NTT DOCOMO, Huawei, HiSillicon, Intel, Ericsson, NEC, SHARP, MediaTek, NTT, KDDI, Samsung*

(Replaces C1-198198)

**Discussion:**

Presented by Maoki Hikosaka (NTT DOCOMO)

**Decision:** The document was **agreed**.

**C1-198211 Covering 5GMM cuase #31 for DoS attack**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1375 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Vodafone/Lin*

(Replaces C1-196976)

**Discussion:**

Presented by Lin Shu (Huawei)

revision of a CR agreed in Portoroz

it was requested to rollback to the previously agreed version.

**Decision:** The document was **revised to C1-199025**.

**C1-199025 Covering 5GMM cuase #31 for DoS attack**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1375 rev 5 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Vodafone, Samsung*

(Replaces C1-198211)

**Discussion:**

Presented by Lin Shu (Huawei) who commented that he did rollback to the previously agreed version.

**Decision:** The document was **agreed**.

**C1-198212 Covering EMM cuase #31 for DoS attack**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3251 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Vodafone/Lin*

(Replaces C1-196977)

**Discussion:**

revision of a CR agreed in Portoroz

it was requested to rollback to the previously agreed version.

**Decision:** The document was **revised to C1-199026**.

**C1-199026 Covering EMM cuase #31 for DoS attack**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3251 rev 5 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Vodafone, Samsung*

(Replaces C1-198212)

**Decision:** The document was **agreed**.

**C1-198213 Restructing the logic of providing UE ID for initial NAS message routing**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3250 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196036)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198965**.

**C1-198965 Restructing the logic of providing UE ID for initial NAS message routing**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3250 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198213)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198214 Discussion on UE checking the active EPS bearer ID for mapped QoS flows**

*Type: discussion For: Decision  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196043)

**Discussion:**

Noted without presentation.

**Decision:** The document was **noted**.

**C1-198215 UE checking the active EPS bearer ID for mapped QoS flows**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1376 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196044)

**Discussion:**

Presented by Lin Shu (Huawei)

Lena Chaponnière (Qualcomm): support the CR in principle, but some additions are needed to make it complete (related to mapped EBI).

**Decision:** The document was **revised to C1-198918**.

**C1-198918 UE checking the active EPS bearer ID for mapped QoS flows**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1376 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198215)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198216 Correction on establishment of secure exchange of NAS messages for attach**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3253 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196046)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198996**.

**C1-198996 Correction on establishment of secure exchange of NAS messages for attach**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3253 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198216)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198217 5G NAS security context for interworking**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1378 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196047)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198999**.

**C1-198999 5G NAS security context for interworking**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1378 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198217)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198218 Corrections on the abnormal cases of registration procedure for initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1379 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196048)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-199000**.

**C1-199000 Corrections on the abnormal cases of registration procedure for initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1379 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198218)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-199032**.

**C1-199032 Corrections on the abnormal cases of registration procedure for initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1379 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-199000)

**Decision:** The document was **postponed**.

**C1-198219 Correction on handling and coding of Mapped EPS bearer contexts**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1400 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196049)

**Discussion:**

Presented by Lin Shu (Huawei)

Ivo Sedlacek (Ericsson): the bit has to be there. The text about ignoring was introduced after Dec 2018. There are UEs on the market based on this Dec 2018 version and they will not ignore. It's a matter of backwards compatibility.

**Decision:** The document was **revised to C1-198971**.

**C1-198971 Correction on handling and coding of Mapped EPS bearer contexts**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1400 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198219)

**Decision:** The document was **agreed**.

**C1-198220 Acquiring user location information for SOR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0465 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-196344)

**Discussion:**

Presented by Lin Shu (Huawei)

Mahmoud Watfa (Qualcomm): ME box ticked

Ban Al Bakri (NTT DOCOMO): what's the use case? Not clear from the cover sheet. She commented that she would discuss offline with Lin.

**Decision:** The document was **revised to C1-198956**.

**C1-198956 Acquiring user location information for SOR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0465 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198220)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-199060**.

**C1-199060 Acquiring user location information for SOR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0465 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198956)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-199061**.

**C1-199061 Acquiring user location information for SOR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0465 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-199060)

**Decision:** The document was **agreed**.

**C1-198221 Deletion of UE radio capability in the network**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1698 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198908**.

**C1-198908 Deletion of UE radio capability in the network**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1698 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Samsung*

(Replaces C1-198221)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198236 Determination of Emergency Services Fallback support in the AMF**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1704 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

no support expressed in CT1. 9 companies were against the CR.

It was commented that it's based on a note in stage 2.

**Decision:** The document was **revised to C1-198919**.

**C1-198919 Determination of Emergency Services Fallback support in the AMF**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1704 rev 1 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198236)

**Discussion:**

number hijacked

**Decision:** The document was **revised to C1-198994**.

**C1-198994 Determination of Emergency Services Fallback support in the AMF**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1704 rev 2 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198919)

**Decision:** The document was **postponed**.

**C1-198291 Correction to S-NSSAI RSD component encoding**

*Type: CR For: Agreement  
 24.526 v16.1.0 CR-0066 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

Ivo Sedlacek (Ericsson): this is change of the coding. Would it need to go from Rel-15 on?

Lena Chaponnière (Qualcomm): this is not FASMO, this is typo in the reference.

Christian Herrero (Huawei): ditto. Rel-16 only.

Ivo Sedlacek (Ericsson): ok, but it would be good to have more text on the cover sheet to indicate that it's not backwards compatible.

Lena Chaponnière (Qualcomm): disagreed. This is backwards compatible, it's a typo.

**Decision:** The document was **agreed**.

**C1-198298 3GPP registry for OS Id**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1706 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo, Nokia, Nokia Shanghai Bell, Intel, Samsung, Vodafone, Ericsson, Proximus, InterDigital*

**Discussion:**

Related to OS ID discussion

**Decision:** The document was **withdrawn**.

**C1-198705 Rejected NSSAI**

*Type: CR For: -  
 24.501 v16.2.0 CR-1709 rev 1 Cat: F (Rel-16)  
  
 Source: vivo / Yanchao*

(Replaces C1-198301)

**Discussion:**

Presented by Yanchao Kang (vivo)

**Decision:** The document was **agreed**.

**C1-198303 OS identities in 3GPP**

*Type: discussion For: Decision  
 Source: Google Inc.*

**Discussion:**

Presented by Pavan Nuggehalli (Google)

Lena Chaponnière (Qualcomm): support this paper. 3GPP should not maintain a registry.

Roozbeh Atarius (Motorola Mobility): seems that Google is challenging the entire concept, i.e. including the concept of OS Id. If so, CT1 is not the place to discuss this. He asked if Qualcomm was against the registry, or against the OS Id as well.

JJ Huang Fu (Mediatek); support the proposal. 3GPP is not the right place

Lazaros Gkatzikis (Nokia): appreciates that some companies think that 3GPP is not the place, but how would this be working?

Krisztian Kiss (Apple): support the paper. Agreed that it seems that this seems to be challenging the concept of OS Id. He commented that the current spec work is not complete, how would this work?

Reinhard Lauster (Deutsche Telekom): support the paper

Ivo Sedlacek (Ericsson): if we remove the OS Id, the Application ID should be removed, as the behaviour may be different on different Oss.

Atle Monrad (Interdigital): the topic that should be discussed should be on having or not a public registry. On the concept of OS Id, CT1 is not the right place, indeed.

Yang Lu (Vodafone): would appreciate to have constructive proposal, not just "we don't want a registry in 3GPP".

Christian Herrero (Huawei) raised some concerns about having the OS Id questioned at this point in time. As pointed out by Ivo, it's linked with App ID

Yanchao Kang (vivo): support the paper.

Kundan Tiwari (Samsung): wouldn't want to remove OS Id from the spec. He pointed out that it is there since Rel-14. He agreed that Application Id would become invalid. This would have a major impact. This would definitely need to be discussed in SA2

Sang Min Park (LG Electronics): generally support the proposal in this paper. He believed that OS Id should remain, but not the concept of registry in 3GPP.

Pavan Nuggehalli (Google): many companies believe that the registry is not needed. The intention of this paper is not about removing OS Id, it's really about registry.

The CT1 Chairman commented that 7 companies indicated that there should not be a registry, and 7 companies indicated support to have a registry in 3GPP. No consensus. He asked if CT1 would be fine with escalating this to CT plenary.

Lena Chaponnière (Qualcomm): no point to involve CT. This is CT1 matter.

Reinhard Lauster (Deutsche Telekom): interested companies should initiate discussion in GSMA.

Ivo Sedlacek (Ericsson): would support an LS to TSG CT. Would not want to have papers rejected at this point in time.

Lazaros Gkatzikis (Nokia): support having an LS. It would be important to have stage 2 requirements to be implemented in stage 3.

Krisztian Kiss (Apple): don't support the LS.

Roozbeh Atarius (Motorola Mobility): support having an LS to CT. CT1 should be constructive and not just say no. There is support to do this.

Yang Lu (Vodafone): support to send an LS to CT. Agreed that CT1 should have a constructive approach

Atle Monrad (Interdigital): same discussion as for ICSI values years ago. After some debate, it was shifted to CT1 responsibility to maintain a registry. Here, the coding is clear. It's about if and where to store the values. Support to have an LS.

Sang Min Park (LG Electronics): nobody can forbid to bring company contributions to CT plenary. There is no consensus in CT1, so didn't think that sending an LS would be the way forward

Vivek Gupta (Intel): raised some concerns about seeing CT1 companies being ok with the fact that the spec work is not complete for OS Id. Would support an LS.

Mariusz Skrocki (ORANGE): support sending an LS. Not clear what would be the content though.

The CT1 Chairman: no consensus once again.

Atle Monrad (Interdigital) commented that it wouldn't be easy to agree on anything regarding an LS. He suggested to have something (based on his proposed LS) documented in the CT1 Chair report to the plenary.

**Decision:** The document was **noted**.

**C1-198310 Correction to EPLMN list deletion for 5GMM cause #7**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1715 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

missing clauses affected

**Decision:** The document was **revised to C1-198968**.

**C1-198968 Correction to EPLMN list deletion for 5GMM cause #7**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1715 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198310)

**Decision:** The document was **agreed**.

**C1-198312 Correction to UE OS ID**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1716 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/ Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **agreed**.

**C1-198322 Clarfiy that the Allowed NSSAI is also Stored for EPLMN.**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-0757 rev 8 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, OPPO*

(Replaces C1-196345)

**Discussion:**

Presented by Christian Herrero (Huawei)

wrong rev on cover, should be 8

**Decision:** The document was **revised to C1-198929**.

**C1-198929 Storage of allowed NSSAI for PLMNs in TAI list**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-0757 rev 9 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, OPPO, Ericsson*

(Replaces C1-198322)

**Discussion:**

Presented by Vishnu Preman (Huawei)

Mahmoud Watfa (Qualcomm): storage is within SA2 remits, not CT1's. If this needs to be changed, then it should be changed in SA2.

who supports the CR? 3 companies

who is against? 1 company (Qualcomm)

Vishnu Preman (Huawei) proposed to have an LS to SA2. Mahmoud Watfa (Qualcomm) commented that this should be done via a company contribution to SA2, or it would be possible to add a note to indicate that it's left to UE implementation.

Who supports sending an LS? 1 company

The CT1 Chairman: only 2 companies show interest.

**Decision:** The document was **postponed**.

**C1-198356 Handling of wait time during resume procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1595 rev 2 Cat: F (Rel-16)  
  
 Source: Samsung/Kundan*

(Replaces C1-196539)

**Abstract:**

handling of wait time during the resume procedure

**Discussion:**

Presented by Kundan Tiwari (Samsung)

It was commented that this is already covered by existing bullet b).

**Decision:** The document was **revised to C1-198925**.

**C1-198925 Handling of wait time during resume procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1595 rev 3 Cat: F (Rel-16)  
  
 Source: Samsung/Kundan*

(Replaces C1-198356)

**Decision:** The document was **withdrawn**.

**C1-198357 Clarification to suspend and resume procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1597 rev 2 Cat: F (Rel-16)  
  
 Source: Samsung*

(Replaces C1-196540)

**Abstract:**

Clarification to the Suspend and Resume procedure for UP optimization

**Decision:** The document was **withdrawn**.

**C1-198373 Pre-configured URSP rules in USIM**

*Type: CR For: (not specified)  
 24.526 v16.1.0 CR-0067 Cat: F (Rel-16)  
  
 Source: LG Electronics, Verizon, THALES, T-Mobile USA, Sprint, SK Telecom, LG Uplus, IDEMIA, AT&T*

**Abstract:**

Related to the incoming LS in C1-198059

**Discussion:**

Presented by Sang Min Park (LG Electronics)

It was commented that there should be a linkage to a CT6 CR

**Decision:** The document was **revised to C1-198788**.

**C1-198788 Pre-configured URSP rules in USIM**

*Type: CR For: -  
 24.526 v16.1.0 CR-0067 rev 1 Cat: F (Rel-16)  
  
 Source: LG Electronics, Verizon, THALES, T-Mobile USA, Sprint, SK Telecom, LG Uplus, IDEMIA, AT&T, Bell Canada, MediaTek Inc., Charter Communications, Nokia, Nokia Shanghai Bell, Intel, Ericsson*

(Replaces C1-198373)

**Discussion:**

Presented by Sang Min Park (LG Electronics)

**Decision:** The document was **agreed**.

**C1-198386 Correction about deleting local and extended emergency number list when UE detects change in country**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3305 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

Currently in the delete criteria, there spec mentions to delete it at the time of switchoff and when USIM is removed. However these numbers should be deleted whenever the phone detects the change in country as well. This part is included in the spec throu

**Discussion:**

Moved from IMSProtoc16, incorrect work item code

Presented by Rohit Naik (Mediatek)

Maoki Hikosaka (NTT DOCOMO): what about GPS inaccuracy?

Osama Lotfallah (Qualcomm): emergency numbers will be deleted even before registration when there is a country change detected. This would be a problem for people at the border. The existing text is fine.

Reinhard Lauster (Deutsche Telekom) agreed with Osama. He pointed out that most of this text has been there since Rel-5 or 6. It should not be updated as proposed.

John-Luc Bakker (BlackBerry): ditto. It would be better to rely on MCC/MNC of the registered PLMN.

Ivo Sedlacek (Ericsson) indicated some support for the proposal. He commented that it was going in the right direction. A use case could be someone going from Europe to US, going out of flight mode upon arrival and making an emergency call.

Andrew Howell (Home Office) commented that there are scenarios in which this seems a good idea, but on the other hand, other scenarios in which this is not. Involvement of SA1 would be good.

Reinhard Lauster (Deutsche Telekom) repeated that the text hasn't been updated for years. It mostly comes from GSM time. If this was a real issue, it would have been identified.

**Decision:** The document was **revised to C1-198940**.

**C1-198940 Correction about deleting local and extended emergency number list when UE detects change in country**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3305 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198386)

**Decision:** The document was **postponed**.

**C1-198387 Correction about deleting local and extended emergency number list when UE detects change in country**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1727 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

Currently in the delete criteria, there spec mentions to delete it at the time of switchoff and when USIM is removed. However these numbers should be deleted whenever the phone detects the change in country as well. This part is included in the spec throu

**Discussion:**

Moved from IMSProtoc16, incorrect work item code

**Decision:** The document was **revised to C1-198941**.

**C1-198941 Correction about deleting local and extended emergency number list when UE detects change in country**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1727 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198387)

**Decision:** The document was **postponed**.

**C1-198388 Provide handover of ongoing MMTEL voice or MMTEL video from non-3GPP access indication to NAS**

*Type: CR For: Agreement  
 24.173 v16.1.0 CR-0142 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

Presented by Osama Lotfallah (Qualcomm)

**Decision:** The document was **revised to C1-198931**.

**C1-198931 Provide handover of ongoing MMTEL voice or MMTEL video from non-3GPP access indication to NAS**

*Type: CR For: Agreement  
 24.173 v16.1.0 CR-0142 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, Ericsson*

(Replaces C1-198388)

**Discussion:**

Presented by Osama Lotfallah (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198389 Provide handover of ongoing SMS over IP network from non-3GPP access indication to NAS**

*Type: CR For: Agreement  
 24.341 v15.4.0 CR-0094 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

Presented by Osama Lotfallah (Qualcomm)

**Decision:** The document was **revised to C1-198932**.

**C1-198932 Provide handover of ongoing SMS over IP network from non-3GPP access indication to NAS**

*Type: CR For: Agreement  
 24.341 v15.4.0 CR-0094 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, Ericsson*

(Replaces C1-198389)

**Decision:** The document was **agreed**.

**C1-198409 Service based interface between UDM and SoR-AF**

*Type: CR For: (not specified)  
 23.122 v16.3.0 CR-0474 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Discussion:**

Presented by Jennifer Liu (Nokia)

Ban Al Bakri (NTT DOCOMO): Didn't agree with the editor's note

Christian Herrero (Huawei): this needs to be discussed in SA3

Mariusz Skrocki (ORANGE):

Ivo Sedlacek (Ericsson): editor's note not needed

**Decision:** The document was **revised to C1-198914**.

**C1-198914 Service based interface between UDM and SoR-AF**

*Type: CR For: -  
 23.122 v16.3.0 CR-0474 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-198409)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-199029**.

**C1-199029 Adding definition for SoR-AF**

*Type: CR For: -  
 23.122 v16.3.0 CR-0474 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-198914)

**Decision:** The document was **agreed**.

**C1-198410 Corrections on dynamic update of SOR information using SOR-AF**

*Type: CR For: (not specified)  
 23.122 v16.3.0 CR-0475 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Discussion:**

Presented by Jennifer Liu (Nokia) who commented that she needs a revision (figure and editorials).

Overlap with CRs from ORANGE and Qualcomm.

**Decision:** The document was **revised to C1-198955**.

**C1-198955 Corrections on dynamic update of SOR information using SOR-AF**

*Type: CR For: -  
 23.122 v16.3.0 CR-0475 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-198410)

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-199042**.

**C1-199042 SOR - adding a reference to OTAFspecification**

*Type: CR For: -  
 23.122 v16.3.0 CR-0475 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Orange*

(Replaces C1-198955)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **agreed**.

**C1-198412 Inclusion of PDU session reactivation result error cause IE**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1731 Cat: F (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **agreed**.

**C1-198413 IMEI and IMEISV formats support**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1732 Cat: F (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

Lin Shu (Huawei) wondered why "or" was changed to "and". Some editorial issues (some spaces are missing)

Behrouz Aghili (Interdigital), Mahmoud Watfa (Qualcomm): the wording is confusing. It seems to indicate that there are two PEIs.

**Decision:** The document was **revised to C1-198954**.

**C1-198954 IMEI and IMEISV formats support**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1732 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C1-198413)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **agreed**.

**C1-198416 PEI format for non-3GPP access only UE**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1733 Cat: F (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **revised to C1-198966**.

**C1-198966 PEI format for non-3GPP access only UE**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1733 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C1-198416)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **agreed**.

**C1-198423 Correction to the coding of EPS bearer identity**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1737 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Huawei, HiSilicon, ZTE, CATT, Intel*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

related CR in 8030

**Decision:** The document was **revised to C1-198915**.

**C1-198915 Correction to the coding of EPS bearer identity**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1737 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Huawei, HiSilicon, ZTE, CATT, Intel, Ericsson*

(Replaces C1-198423)

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

**Decision:** The document was **agreed**.

**C1-198426 Discussion of S-NSSAI based congestion control**

*Type: discussion For: Agreement  
 Source: MediaTek Inc., Huawei, Hisilicon*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

show of hands

who supports?

Q1:

alt by Qualcomm: 3 companies

alt by Mediatek: 3 companies

Q2:

alt by Qualcomm: 2 companies

alt by Mediatek: 4 companies

**Decision:** The document was **noted**.

**C1-198427 Correction of S-NSSAI based congestion control**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1738 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Huawei, HiSilicon / JJ*

**Decision:** The document was **postponed**.

**C1-198428 Handling of errors in mapped EPS bearer contexts**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1592 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / JJ*

(Replaces C1-196428)

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

alternative in 8506

**Decision:** The document was **revised to C1-198953**.

**C1-198953 Handling of errors in mapped EPS bearer contexts**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1592 rev 2 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Huawei, HiSilicon*

(Replaces C1-198428)

**Decision:** The document was **agreed**.

**C1-198430 correction to the URSP coding**

*Type: CR For: Agreement  
 24.526 v16.1.0 CR-0068 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., ZTE*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

**Decision:** The document was **revised to C1-198970**.

**C1-198970 correction to the URSP coding**

*Type: CR For: Agreement  
 24.526 v16.1.0 CR-0068 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., ZTE*

(Replaces C1-198430)

**Decision:** The document was **postponed**.

**C1-198431 Handling of timer expiry for emergency PDU session establishment**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1739 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / JJ*

**Discussion:**

merged into 963

**Decision:** The document was **merged**.

**C1-198432 UE handling upon receipt of 5GSM #46 out of LADN service area**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1740 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / JJ*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

**Decision:** The document was **revised to C1-198964**.

**C1-198964 UE handling upon receipt of 5GSM #46 out of LADN service area**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1740 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / JJ*

(Replaces C1-198432)

**Decision:** The document was **agreed**.

**C1-198433 non-emergency PDU session handling when UE is registered for emergency services.**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1741 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / JJ*

**Discussion:**

Presented by JJ Huang Fu (Mediatek)

**Decision:** The document was **revised to C1-198967**.

**C1-198967 non-emergency PDU session handling when UE is registered for emergency services.**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1741 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / JJ*

(Replaces C1-198433)

**Decision:** The document was **postponed**.

**C1-198436 Discussion of what indication UE should use to provide non-voice IMS services to user if it receives IMS-Voice support as “false” from network**

*Type: discussion For: Discussion  
 24.501 v..  
 Source: MediaTek Inc.*

**Abstract:**

Discussion of what indication UE should use to provide non-voice IMS services to user if it receives IMS-Voice support as “false” from network

**Discussion:**

Moved from IMSProtoc16, incorrect work item code

Presented by Rohit Naik (Mediatek)

**Decision:** The document was **noted**.

**C1-198445 Correction on description of Access type included in the DEREGISTRATION REQUEST message**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1747 Cat: F (Rel-16)  
  
 Source: SHARP*

**Discussion:**

Presented by Yudai Kawasaki (SHARP)

Ivo Sedlacek (Ericsson), Osama Lotfallah (Qualcomm): Mediatek has a similar CR in C1-198141.

Marko Niemi (Mediatek): same topic, not exactly the same. They are overlapping indeed.

Merged with 8141

**Decision:** The document was **merged**.

**C1-198452 DNN replacement and impacts to 5GSM**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1751 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

merged into 8912

**Decision:** The document was **merged**.

**C1-198453 Comparison between solutions to include S-NSSAIs in the REGISTRATION REQUEST message for various mobility scenarios**

*Type: discussion For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

related with 8136

**Decision:** The document was **noted**.

**C1-198454 T3540 in Service Accept Case**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1752 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **agreed**.

**C1-198455 UE to NG-RAN interface**

*Type: CR For: Agreement  
 24.002 v15.0.0 CR-0006 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

The CT1 Chairman commented that this should be TEI16

Christian Herrero (Huawei): the spec is not part of the 5GS work item.

**Decision:** The document was **revised to C1-198924**.

**C1-198924 UE to NG-RAN interface**

*Type: CR For: Agreement  
 24.002 v15.0.0 CR-0006 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198455)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-199030**.

**C1-199030 UE to NG-RAN interface**

*Type: CR For: Agreement  
 24.002 v15.0.0 CR-0006 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei, HiSilicon*

(Replaces C1-198924)

**Decision:** The document was **agreed**.

**C1-198479 Unified access class and registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1759 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

related disc in 495

Presented by Grace Suh Kyungjoo (Samsung)

**Decision:** The document was **revised to C1-198784**.

**C1-198784 Handling of UAC for an MO IMS registration related signalling**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1759 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198479)

**Discussion:**

Presented by Grace Suh Kyungjoo (Samsung)

**Decision:** The document was **agreed**.

**C1-198481 Correction of the definition of Network slicing information**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1760 Cat: D (Rel-16)  
  
 Source: SHARP*

**Discussion:**

Presented by Yudai Kawasaki (SHARP)

**Decision:** The document was **agreed**.

**C1-198484 Unified access class and service request**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1761 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

related disc in 495

Presented by Grace Suh Kyungjoo (Samsung)

**Decision:** The document was **revised to C1-198785**.

**C1-198785 Unified access class and service request**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1761 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198484)

**Discussion:**

merged into 784

**Decision:** The document was **merged**.

**C1-198489 Segregation flow**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1763 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

Presented by Grace Suh Kyungjoo (Samsung)

Ivo Sedlacek (Ericsson): no justification for that case.

**Decision:** The document was **revised to C1-198958**.

**C1-198958 Segregation flow**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1763 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198489)

**Decision:** The document was **postponed**.

**C1-198491 PDU session modification triggered by service request**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1765 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

Presented by Grace Suh Kyungjoo (Samsung)

Ivo Sedlacek (Ericsson): this has been seen several times already. Again, this is not needed.

Sung Hwan Won (Nokia) and Osama Lotfallah (Qualcomm) agreed.

No support expressed.

**Decision:** The document was **postponed**.

**C1-198495 Unified access class**

*Type: discussion For: Discussion  
 24.501 v..  
 Source: Samsung/ Kyungjoo Grace Suh*

**Abstract:**

The MO-IMS-registration-related-signalling can be barred during the IMS session setup. If so, the MMTEL-voice, MMTEL-video, or SMS over NAS can not offer the service.

**Discussion:**

Presented by Grace Suh Kyungjoo (Samsung)

**Decision:** The document was **noted**.

**C1-198496 Follow on request codepoint value**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1767 Cat: F (Rel-16)  
  
 Source: Ericsson / Mikael*

**Discussion:**

Presented by Mikael Wass (Ericsson)

**Decision:** The document was **revised to C1-198969**.

**C1-198969 Follow on request codepoint value**

*Type: CR For: -  
 24.501 v16.2.0 CR-1767 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C1-198496)

**Decision:** The document was **agreed**.

**C1-198502 Establishment of mapped EPS security context at IDLE mode mobility from N1 mode to S1 mode**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1768 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Decision:** The document was **withdrawn**.

**C1-198503 DISC on Mobility registration accept with NSSAIs**

*Type: discussion For: Discussion  
 Source: MediaTek Inc. / Marko*

**Discussion:**

not provided on time

**Decision:** The document was **withdrawn**.

**C1-198506 mapped EPS bearer context without TFT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1417 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Xiaoyan, Vishnu*

(Replaces C1-196327)

**Discussion:**

merged into 953

**Decision:** The document was **merged**.

**C1-198507 UAC and abnormal case handling in registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1769 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

related disc in 495

Presented by Grace Suh Kyungjoo (Samsung)

**Decision:** The document was **revised to C1-198786**.

**C1-198786 UAC and abnormal case handling in registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1769 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198507)

**Discussion:**

merged into 784

**Decision:** The document was **merged**.

**C1-198509 UAC and abnormal case handling in service request**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1771 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

related disc in 495

Presented by Grace Suh Kyungjoo (Samsung)

**Decision:** The document was **revised to C1-198787**.

**C1-198787 UAC and abnormal case handling in service request**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1771 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198509)

**Discussion:**

merged into 784

**Decision:** The document was **merged**.

**C1-198512 emergency PDU session establishment upon expiry of timer T3580**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1418 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Xiaoyan, Vishnu*

(Replaces C1-196328)

**Discussion:**

Presented by Vishnu Preman (Huawei)

alternative in 8431

wrong WI code on cover

**Decision:** The document was **revised to C1-198963**.

**C1-198963 emergency PDU session establishment upon expiry of timer T3580**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1418 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, MediaTek Inc*

(Replaces C1-198512)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **agreed**.

**C1-198517 SOR call flow corrections in 23.122**

*Type: CR For: (not specified)  
 23.122 v16.3.0 CR-0479 Cat: F (Rel-16)  
  
 Source: Orange, NTT DOCOMO / Mariusz*

**Discussion:**

revised before the meeting

**Decision:** The document was **revised to C1-198554**.

**C1-198523 Timer order in timer tables**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1773 Cat: F (Rel-16)  
  
 Source: Ericsson / Mikael*

**Discussion:**

Presented by Mikael Wass (Ericsson)

Osama Lotfallah (Qualcomm); should be cat D

**Decision:** The document was **revised to C1-198909**.

**C1-198909 Timer order in timer tables**

*Type: CR For: -  
 24.501 v16.2.0 CR-1773 rev 1 Cat: D (Rel-16)  
  
 Source: Ericsson / Mikael*

(Replaces C1-198523)

**Decision:** The document was **agreed**.

**C1-198525 Establishment of mapped EPS security context at IDLE mode mobility from N1 mode to S1 mode**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3309 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

covered by another CR

**Decision:** The document was **withdrawn**.

**C1-198526 Mobility registration accept with NSSAIs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1774 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE*

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-198910**.

**C1-198910 Mobility registration accept with NSSAIs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1774 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE*

(Replaces C1-198526)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **agreed**.

**C1-198527 Correction to PLMN change with 5G-EA0**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1775 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

Mahmoud Watfa (Qualcomm): change is ok, but believed that reason for change was not correct

**Decision:** The document was **revised to C1-198995**.

**C1-198995 Correction to PLMN change with 5G-EA0**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1775 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198527)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-199031**.

**C1-199031 Correction to PLMN change with 5G-EA0**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1775 rev 2 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198995)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **agreed**.

**C1-198528 TAI list handling in inter-system change from 5GS to EPS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3310 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-198928**.

**C1-198928 TAI list handling in inter-system change from 5GS to EPS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3310 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

(Replaces C1-198528)

**Decision:** The document was **postponed**.

**C1-198529 TAI list handling in inter-system change from EPS to 5GS**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1776 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-198927**.

**C1-198927 TAI list handling in inter-system change from EPS to 5GS**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1776 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

(Replaces C1-198529)

**Decision:** The document was **postponed**.

**C1-198549 Registry for OS Identities in 3GPP**

*Type: discussion For: Approval  
 Source: InterDigital, Ericsson, Intel, Vodafone, AT&T, Nokia, Nokia Shanghai Bell, Samsung, China Mobile, Motorola Mobility, Lenovo, Charter Communications, Proximus / Atle*

(Replaces C1-198032)

**Discussion:**

Related to OS ID discussion

**Decision:** The document was **revised to C1-198934**.

**C1-198934 Registry for OS Identities in 3GPP**

*Type: discussion For: Approval  
 Source: InterDigital, Ericsson, Intel, Vodafone, AT&T, Nokia, Nokia Shanghai Bell, Samsung, China Mobile, Motorola Mobility, Lenovo, Charter Communications, Proximus / Atle*

(Replaces C1-198549)

**Decision:** The document was **noted**.

**C1-198554 SOR call flow corrections in 23.122**

*Type: CR For: (not specified)  
 23.122 v16.3.0 CR-0479 rev 1 Cat: F (Rel-16)  
  
 Source: Orange, NTT DOCOMO / Mariusz*

(Replaces C1-198517)

**Discussion:**

Presented by Mariusz Skrocki (ORANGE)

**Decision:** The document was **revised to C1-198923**.

**C1-198923 SOR call flow corrections in 23.122**

*Type: CR For: -  
 23.122 v16.3.0 CR-0479 rev 2 Cat: F (Rel-16)  
  
 Source: Orange, NTT DOCOMO, Nokia, Nokia Shanghai Bell*

(Replaces C1-198554)

**Discussion:**

Presented by Mariusz Skrocki (ORANGE)

**Decision:** The document was **agreed**.

##### 16.2.4.2 5GProtoc16-non3GPP

**C1-198021 Removal of an editor's note**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0101 rev 1 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-196088)

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

It was commented that this should be under 5WWC work item.

Christian Herrero (Huawei): CT1 are still waiting for stage 2. There hasn't been any change. Would an LS be needed?

**Decision:** The document was **revised to C1-198921**.

**C1-198124 Apply ANDSP of equivalent PLMN**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0103 rev 2 Cat: F (Rel-16)  
  
 Source: OPPO, Ericsson, Qualcomm Incorporated*

(Replaces C1-196917)

**Abstract:**

Editorial changes to the last revision.

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Haorui Yang (OPPO)

**Decision:** The document was **revised to C1-198922**.

**C1-198922 Apply ANDSP of equivalent PLMN**

*Type: CR For: -  
 24.502 v16.1.0 CR-0103 rev 3 Cat: F (Rel-16)  
  
 Source: OPPO, Ericsson, Qualcomm Incorporated*

(Replaces C1-198124)

**Decision:** The document was **agreed**.

#### 16.2.5 ATSSS

24.193 sufficiently stable to be sent to CT#86 for information

**C1-198024 Analysis of the URSP rules**

*Type: discussion For: (not specified)  
 Source: Motorola Mobility, Lenovo*

**Decision:** The document was **withdrawn**.

**C1-198025 MA PDU session rejection due to lack of network support**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1503 rev 2 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-196707)

**Decision:** The document was **withdrawn**.

**C1-198028 Performance management function protocol**

*Type: pCR For: (not specified)  
 24.193 v0.4.0  
 Source: Ericsson, InterDigital, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, ZTE / Ivo*

**Discussion:**

PMF protocol proposal

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **revised to C1-198707**.

**C1-198707 Performance management function protocol**

*Type: pCR For: -  
 24.193 v0.4.0  
 Source: Ericsson, InterDigital, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, ZTE / Ivo*

(Replaces C1-198028)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **revised to C1-199052**.

**C1-199052 Performance management function protocol**

*Type: pCR For: -  
 24.193 v0.4.0  
 Source: Ericsson, InterDigital, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, ZTE / Ivo*

(Replaces C1-198707)

**Decision:** The document was **postponed**.

**C1-198128 Correct reference of access type**

*Type: CR For: Agreement  
 24.526 v16.1.0 CR-0063 Cat: F (Rel-16)  
  
 Source: OPPO / Rae*

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **agreed**.

**C1-198132 Align with stage-2 conditions UE requests MA PDU session after interworking**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: OPPO / Rae*

**Discussion:**

merged into 343

**Decision:** The document was **merged**.

**C1-198133 Align with stage-2 conditions UE requests MA PDU session after interworking**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1675 Cat: B (Rel-16)  
  
 Source: OPPO / Rae*

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **revised to C1-198711**.

**C1-198711 Align with stage-2 conditions UE requests MA PDU session after interworking**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1675 rev 1 Cat: B (Rel-16)  
  
 Source: OPPO, Huawei, HiSilicon*

(Replaces C1-198133)

**Discussion:**

Presented by Haorui Yang (OPPO)

Lazaros Gkatzikis (Nokia), Lena Chaponnière (Qualcomm): what is the reason behind the text deletion?

**Decision:** The document was **postponed**.

**C1-198166 Size of PTI IE in PMFP**

*Type: discussion For: (not specified)  
 Source: Ericsson / Ivo*

**Abstract:**

This paper discusses whether length of the PTI IE in PMFP should be 1 octet or more.

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

Christian Herrero (Huawei): would like to wait for a decision on the protocol. On the technical aspects, don't understand where the 5 seconds come from. Don't believe that this is technically correct but didn't want to discuss further, as this should take place after the protocol decision has been made.

Lazaros Gkatzikis (Nokia): would support extended PTI

Roozbeh Atarius (Motorola Mobility): agreed that 1 byte is not enough

Ivo Sedlacek (Ericsson): will discuss at the next meeting

**Decision:** The document was **noted**.

**C1-198239 Scope update for MA PDU session of 5G-RG**

*Type: pCR For: (not specified)  
 24.193 v0.4.0  
 Source: Ericsson, Charter Communication, CableLabs / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198240 EPS interworking update for MA PDU session of 5G-RG**

*Type: pCR For: (not specified)  
 24.193 v0.4.0  
 Source: Ericsson, Charter Communication, CableLabs / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **revised to C1-198712**.

**C1-198712 EPS interworking update for MA PDU session of 5G-RG**

*Type: pCR For: -  
 24.193 v0.4.0  
 Source: Ericsson, Charter Communication, CableLabs, Nokia, Nokia Shanghai Bell*

(Replaces C1-198240)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198297 Access availability/unavailability measurement and reporting**

*Type: discussion For: Discussion  
 Source: Google Inc.*

**Abstract:**

In Stage 2 specification for ATSSS-LL, the UE may receive Measurement Assistance Information from the network to assist the UE in determining which measurements the UE needs to perform over 3GPP and non-3GPP access, as well as whether measurement reports need to be sent to the network. Two kinds of measurements are specified, namely, Round Trip Time (RTT) measurements and Access availability/unavailability measurements. In this document, we provide our views on how the UE should measure Access availability/unavailability and report the same to the network, if configured to do so.

**Discussion:**

Presented by Navan Nuggehalli (Google)

Lena Chaponnière (Qualcomm): this was discussed in SA2. Conclusion was that this should be left to implementation. If Google wants to change that, then they should go to SA2 again.

Lazaros Gkatzikis (Nokia): this has impact on architecture, therefore this needs to be discussed in SA2. He raised some concerns about complexity. It also moves some decision to the network, whereas the UE may know better.

Fei Lu (ZTE): there is related work about this in R17

Christian Herrero (Huawei): for R16, this is left to UE implementation indeed. Agreed that there is ongoing discussion for R17

Mikael Wass (Ericsson): ditto

Navan Nuggehalli (Google): there doesn't seem to be support in CT1.

**Decision:** The document was **noted**.

**C1-198340 Availability and unavailability reports for MPTCP steering functionality**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Huawei, HiSilicon /Christian*

**Discussion:**

Similar reason for change with C1-198534

Presented by Christian Herrero (Huawei)

**Decision:** The document was **revised to C1-198713**.

**C1-198713 Availability and unavailability reports for MPTCP steering functionality**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell*

(Replaces C1-198340)

**Discussion:**

Presented by Lazaros Gkatzikis (Nokia) on behalf of Christian Herrero (Huawei)

**Decision:** The document was **agreed**.

**C1-198343 Resolution of editor's note on whether the PDN connection can be converted to MA PDU session if the PDN connection was initially established in 5GS**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Huawei, HiSilicon /Christian*

**Discussion:**

Presented by Christian Herrero (Huawei)

Similar changes with C1-198483, C1-198132

**Decision:** The document was **revised to C1-198709**.

**C1-198709 Resolution of editor's note on whether the PDN connection can be converted to MA PDU session if the PDN connection was initially established in 5GS**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Huawei, HiSilicon, OPPO, Sharp*

(Replaces C1-198343)

**Decision:** The document was **agreed**.

**C1-198405 Discussion on MA PDU establishment when VPLMN does not support ATSSS**

*Type: discussion For: (not specified)  
 Source: LG Electronics / SangMin*

**Abstract:**

It was discussed in SA2#134 meeting (Oct 2019) on the issue of establishing MA PDU session in VPLMN which does not support ATSSS. SA2 has not made any agreement on this issue, so this paper will discuss the issue from stage-3 point of view.

**Discussion:**

Presented by Sang Min Park (LG Electronics)

JJ Huang Fu (Mediatek): suggested to wait for outcome in SA2 (note: who would be meeting the week after the current CT1 meeting) before proceeding in CT1.

Fei Lu (ZTE): also preferred to wait for SA2

Lazaros Gkatzikis (Nokia): preference would be not to reject the request, it would be possible to downgrade it. Also supported to wait for SA2

Christian Herrero (Huawei): doesn't agree with removing the type. Also need to wait for SA2.

Lena Chaponnière (Qualcomm): proposal b would not work. It would require a network that doesn't support ATSSS to somehow know about it. Need to wait for SA2

Atle Monrad (Interdigital): need to wait for SA2.

Sang Min Park (LG Electronics) agreed to postpone the discussion until a decision is made

**Decision:** The document was **noted**.

**C1-198406 MA PDU Establishment when VPLMN does not support ATSSS**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1729 Cat: F (Rel-16)  
  
 Source: LG Electronics / SangMin*

**Decision:** The document was **postponed**.

**C1-198464 Discussion Paper for Security of Performance Measurement Function Protocol**

*Type: discussion For: Decision  
 Source: Apple*

**Abstract:**

This paper provides an overview of ATSSS Performance Measurement Function (PMF) protocol functionalities and surrounding security-related issues.

**Discussion:**

Presented by Krisztian Kiss (Apple)

Ivo Sedlacek (Ericsson): CT1 sent an LS to SA3, no response replied yet. CT1 cannot make a decision on the security - the key is an essential part of the security and can only be specified by SA3.Lazaros Gkatzikis (Nokia): agreed that security is being discussed.

Reinhard Lauster (Deutsche Telekom):

Fei Lu (ZTE): at the last SA3 meeting, agreement could not be reached

Roozbeh Atarius (Motorola Mobility): there is a need for integrity protection. CT1 can do this here.

Christian Herrero (Huawei): have security concerns. This should not be discussed in CT1 but rather in SA3. Integrity protection is not the main issue, as it can be applied to any solution.

Krisztian Kiss (Apple) asked if CT1 thought that they should wait for SA3.

The CT1 Chairman commented that there is a need for SA3, based on the terms of reference. There doesn't seem to be a need to go outside the ToR. He proposed to have both solutions to add an editor's note to indicate that as soon as SA3 decides on something, then CT1 would align. There is no consensus in CT1, therefore agreeing anything would be impossible in this meeting.

Krisztian Kiss (Apple) commented that this is for Rel-16, which will end soon. He commented that CT1 should keep this in mind.

Fei Lu (ZTE): agreed that adding editor's notes would be ok.

Christian Herrero (Huawei): the IETF solution has integrity protection covered, however this was designed for internet routers, not sure that this is ok for mobile networks.

Ivo Sedlacek (Ericsson): CT1 cannot make any assumption on what SA3 will decide.

Show of hands

who supports?

Ericsson's proposal: 8 companies

Apple's proposal: 4 companies

The CT1 Chairman commented that this is the 3rd meeting that this is discussed. If no agreement can be reached by the end of this week, then CT1 should think of a way forward to reach a solution, i.e. a technical vote would be considered. He commented that it's not the best way forward, so he encouraged CT1 to try and reach a conclusion in this meeting already.

**Decision:** The document was **noted**.

**C1-198467 ATSSS Performance Measurement Function Protocols and Procedures**

*Type: pCR For: Approval  
 24.193 v0.4.0  
 Source: Apple*

(Replaces C1-196705)

**Abstract:**

This proposal is to define the protocol and procedures for Performance Measurement Function (PMF) over IP and Ethernet for ATSSS.

**Discussion:**

Presented by Krisztian Kiss (Apple)

PMF protocol proposal

**Decision:** The document was **revised to C1-198708**.

**C1-198708 ATSSS Performance Measurement Function Protocols and Procedures**

*Type: pCR For: Approval  
 24.193 v0.4.0  
 Source: Apple, Deutsche Telekom, Charter Communications*

(Replaces C1-198467)

**Discussion:**

Presented by Krisztian Kiss (Apple)

who supports Ericsson's 707? 8 companies

who supports Apple's 708? 5 companies

The CT1 Chairman: still no consensus and there doesn't mean to be ground for compromise. This would mean that a technical vote would be required.

**Decision:** The document was **revised to C1-199015**.

**C1-199015 ATSSS Performance Measurement Function Protocols and Procedures**

*Type: pCR For: Approval  
 24.193 v0.4.0  
 Source: Apple, Deutsche Telekom, Charter Communications*

(Replaces C1-198708)

**Decision:** The document was **revised to C1-199051**.

**C1-199051 ATSSS Performance Measurement Function Protocols and Procedures**

*Type: pCR For: Approval  
 24.193 v0.4.0  
 Source: Apple, Deutsche Telekom, Charter Communications*

(Replaces C1-199015)

**Decision:** The document was **postponed**.

**C1-198468 ATSSS Link-Specific Multipath IPv6 Prefixes**

*Type: pCR For: Approval  
 24.193 v0.4.0  
 Source: Apple*

**Abstract:**

This proposal is to update the References section to reflect the latest version of IETF draft document, as well as to add the encoding for a prefix length field associated with each link-specific multipath address.

**Discussion:**

Presented by Krisztian Kiss (Apple)

**Decision:** The document was **revised to C1-198714**.

**C1-198714 ATSSS Link-Specific Multipath IPv6 Prefixes**

*Type: pCR For: Approval  
 24.193 v0.4.0  
 Source: Apple*

(Replaces C1-198468)

**Discussion:**

Presented by Krisztian Kiss (Apple) who commented that there was no technical change compared to previous version

**Decision:** The document was **agreed**.

**C1-198470 MA PDU Request Re-attempt Indicator**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1757 Cat: F (Rel-16)  
  
 Source: Apple*

**Abstract:**

1. Add a MAPDUR bit in the Re-attempt Indicator IE.

2. Allow UE to re-attempt MA PDU session request through PDU Session Modification procedure, when the UE enters a new registration area within the same PLMN according to the received Re-attempt Indicator

**Discussion:**

Presented by Krisztian Kiss (Apple)

**Decision:** The document was **revised to C1-198715**.

**C1-198715 MA PDU Request Re-attempt Indicator**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1757 rev 1 Cat: F (Rel-16)  
  
 Source: Apple*

(Replaces C1-198470)

**Decision:** The document was **postponed**.

**C1-198483 Update of UE behaviour regarding "MA DPU Request" indication for interworking with EPS**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: SHARP*

**Discussion:**

merged into 343

**Decision:** The document was **merged**.

**C1-198486 Service Request for multiple access PDU session**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Samsung/ Kyungjoo Grace Suh*

**Discussion:**

Presented by Grace Suh Kyungjoo (Samsung)

Lena Chaponnière (Qualcomm): CR is not needed as the existing text doesn't have any restriction

Fei Lu (ZTE): not needed

Ivo Sedlacek (Ericsson): ditto.

No support expressed.

Editorial problems.

**Decision:** The document was **revised to C1-198716**.

**C1-198716 Service Request for multiple access PDU session**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198486)

**Discussion:**

number hijacked

**Decision:** The document was **revised to C1-198984**.

**C1-198984 Service Request for multiple access PDU session**

*Type: pCR For: Agreement  
 24.193 v0.4.0  
 Source: Samsung/ Kyungjoo Grace Suh*

(Replaces C1-198716)

**Decision:** The document was **postponed**.

**C1-198534 Clarification on Measurement Assistance Information**

*Type: pCR For: (not specified)  
 24.193 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

merged into 8713

**Decision:** The document was **merged**.

**C1-198535 Clarification on ATSSS-LL feature support**

*Type: pCR For: (not specified)  
 24.193 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Lazaros Gkatzikis (Nokia)

**Decision:** The document was **revised to C1-198717**.

**C1-198717 Clarification on ATSSS-LL feature support**

*Type: pCR For: -  
 24.193 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc., Apple*

(Replaces C1-198535)

**Discussion:**

Presented by Lazaros Gkatzikis (Nokia)

Lena Chaponnière (Qualcomm): missing "and" after bullet b)1)

**Decision:** The document was **revised to C1-199036**.

**C1-199036 Clarification on ATSSS-LL feature support**

*Type: pCR For: -  
 24.193 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell, MediaTek Inc., Apple*

(Replaces C1-198717)

**Decision:** The document was **agreed**.

**C1-198536 withdrawn**

*Type: pCR For: (not specified)  
 24.193 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**C1-198537 Removal of access (un)availability report**

*Type: pCR For: (not specified)  
 24.193 v0.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Lazaros Gkatzikis (Nokia)

Lena Chaponnière (Qualcomm): not in line with current stage 2. Requested to postpone the CR.

**Decision:** The document was **postponed**.

**C1-198539 Editorial on PDU session establisment request upgraded to MA PDU session**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1778 Cat: D (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Lazaros Gkatzikis (Nokia)

wrong item code on cover

**Decision:** The document was **revised to C1-198718**.

**C1-198718 Editorial on PDU session establisment request upgraded to MA PDU session**

*Type: CR For: -  
 24.501 v16.2.0 CR-1778 rev 1 Cat: D (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198539)

**Decision:** The document was **agreed**.

#### 16.2.6 eNS

**C1-198029 Slice-specific authentication and authorization procedure**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1450 rev 3 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-196011)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198577**.

**C1-198577 Slice-specific authentication and authorization procedure**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1450 rev 4 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, ZTE*

(Replaces C1-198029)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198976**.

**C1-198976 Slice-specific authentication and authorization procedure**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1450 rev 5 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, ZTE, NEC*

(Replaces C1-198577)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198050 Introduction of unauthorized NSSAI for network slice-specific authentication and authorization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1505 rev 3 Cat: C (Rel-16)  
  
 Source: InterDigital, ZTE, vivo, NEC / Atle*

(Replaces C1-196929)

**Discussion:**

Presented by Atle Monrad (Interdigital)

**Decision:** The document was **revised to C1-198578**.

**C1-198578 Introduction of unauthorized NSSAI for network slice-specific authentication and authorization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1505 rev 4 Cat: C (Rel-16)  
  
 Source: InterDigital, ZTE, vivo, NEC*

(Replaces C1-198050)

**Discussion:**

Presented by Atle Monrad (Interdigital)

**Decision:** The document was **revised to C1-198985**.

**C1-198985 Introduction of pending NSSAI for network slice-specific authentication and authorization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1505 rev 5 Cat: C (Rel-16)  
  
 Source: InterDigital, ZTE, vivo, NEC*

(Replaces C1-198578)

**Discussion:**

alternative in 8579

Presented by Atle Monrad (Interdigital)

**Decision:** The document was **revised to C1-199044**.

**C1-199044 Introduction of pending NSSAI for network slice-specific authentication and authorization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1505 rev 6 Cat: C (Rel-16)  
  
 Source: InterDigital, ZTE, vivo, NEC*

(Replaces C1-198985)

**Discussion:**

Presented by Atle Monrad (Interdigital)

related outgoing LS in 9062

**Decision:** The document was **agreed**.

**C1-198051 Cause-code rejected NSSAI vs unauthenticated NSSAI**

*Type: discussion For: Information  
 Source: InterDigital / Atle*

**Abstract:**

Relates to C1-198183 (revised to 8557), C1-198050, C1-198421

**Discussion:**

Presented by Atle Monrad (Interdigital)

**Decision:** The document was **noted**.

**C1-198055 Additional trigger for mobility registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1652 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **not pursued**.

**C1-198073 Correction to the handling of cause #62**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1653 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **revised to C1-198771**.

**C1-198771 Correction to the handling of cause #62**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1653 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-198073)

**Decision:** The document was **postponed**.

**C1-198075 NW slice authentication and authorization failure and revocation**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1533 rev 3 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-197003)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **revised to C1-198772**.

**C1-198772 NW slice authentication and authorization failure and revocation**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1533 rev 4 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-198075)

**Decision:** The document was **postponed**.

**C1-198076 Registration reject due to no allowed slices and NW slice specific authentication and authorization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1549 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-196573)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

revision of a CR agreed in Portoroz

**Decision:** The document was **revised to C1-198774**.

**C1-198774 Registration reject due to no allowed slices and NW slice specific authentication and authorization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1549 rev 3 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C1-198076)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **agreed**.

**C1-198082 Removal of Editor’s note on conditions of accepting registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1658 Cat: C (Rel-16)  
  
 Source: ZTE, Ericsson*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **revised to C1-198775**.

**C1-198775 Removal of Editor’s note on conditions of accepting registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1658 rev 1 Cat: C (Rel-16)  
  
 Source: ZTE, Ericsson*

(Replaces C1-198082)

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **agreed**.

**C1-198087 Work Plan for eNS in CT1**

*Type: WI summary For: Information  
 Source: ZTE*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **noted**.

**C1-198131 No info on S-NSSAI subject to NSSAA in UE**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1674 Cat: F (Rel-16)  
  
 Source: OPPO / Rae*

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **revised to C1-198776**.

**C1-198776 No info on S-NSSAI subject to NSSAA in UE**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1674 rev 1 Cat: F (Rel-16)  
  
 Source: OPPO / Rae*

(Replaces C1-198131)

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **agreed**.

**C1-198183 Categorizations of allowed and rejected S-NSSAIs**

*Type: discussion For: (not specified)  
 Source: Motorola Mobility, Lenovo*

**Decision:** The document was **revised to C1-198557**.

**C1-198307 Storage of unauthorized NSSAI**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1713 Cat: F (Rel-16)  
  
 Source: vivo / Yanchao*

**Discussion:**

merged into 370

**Decision:** The document was **merged**.

**C1-198308 UE behavoir on rejected NSSAI due to failed NSSAA**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1714 Cat: F (Rel-16)  
  
 Source: vivo / Yanchao*

**Discussion:**

Presented by Yanchao Kang (vivo)

**Decision:** The document was **revised to C1-198773**.

**C1-198773 UE behavoir on rejected NSSAI due to failed NSSAA**

*Type: CR For: -  
 24.501 v16.2.0 CR-1714 rev 1 Cat: F (Rel-16)  
  
 Source: vivo, ZTE*

(Replaces C1-198308)

**Discussion:**

Presented by Yanchao Kang (vivo)

**Decision:** The document was **revised to C1-199013**.

**C1-199013 UE behavoir on rejected NSSAI due to failed NSSAA**

*Type: CR For: -  
 24.501 v16.2.0 CR-1714 rev 2 Cat: F (Rel-16)  
  
 Source: vivo, ZTE*

(Replaces C1-198773)

**Decision:** The document was **postponed**.

**C1-198362 Network Slice authentication and handover procedure**

*Type: discussion For: (not specified)  
 Source: Samsung R&D Institute India*

**Abstract:**

The aim of the discussion paper is to describe a scenario where the network slice specific authentication procedure may fails during the inter AMF handover scenario. This discussion paper also discusses a scenario when the UE having some slices subject to network slice authentication and authorization changes in the allowed NSSAI list and the handover is triggered to an AMF which does not support network slice authentication and authorization procedure.

**Discussion:**

Presented by Kundan Tiwari (Samsung)

It was commented that this is an SA2 issue, or CT4. Several companies indicated that it's a valid case, though.

**Decision:** The document was **noted**.

**C1-198363 Network slice authentication and emergency procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1723 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India /Kundan*

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-198777**.

**C1-198777 Network slice authentication and emergency procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1723 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India /Kundan*

(Replaces C1-198363)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-198977**.

**C1-198977 Network slice authentication and emergency procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1723 rev 2 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India /Kundan*

(Replaces C1-198777)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **agreed**.

**C1-198366 UE behavior on Network slice authentication failure**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1724 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India /Kundan*

**Discussion:**

Presented by Kundan Tiwari (Samsung)

Several companies indicated that this is UE implementation-specific. They believed that nothing needed to be done in the spec.

**Decision:** The document was **revised to C1-198778**.

**C1-198778 UE behavior on Network slice authentication failure**

*Type: CR For: -  
 24.501 v16.2.0 CR-1724 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India /Kundan*

(Replaces C1-198366)

**Decision:** The document was **postponed**.

**C1-198367 Preventing UE waiting for completion of NSSAA indefinitely**

*Type: discussion For: Agreement  
 Source: NEC*

**Abstract:**

This paper proposes a resolution to the following editor's note.

Editor’s Note: How to secure that a UE does not wait indefinitely for completion of the network slice-specific authentication and authorization is FFS.

**Discussion:**

Presented by Tsuyoshi Takakura (NEC)

Relates to C1-198368, C1-198369, C1-198420

**Decision:** The document was **noted**.

**C1-198368 Preventing UE waiting for completion of NSSAA indefinitely – Atl1 NW timer**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1600 rev 1 Cat: B (Rel-16)  
  
 Source: NEC*

(Replaces C1-196442)

**Discussion:**

Presented by Tsuyoshi Takakura (NEC)

No support expressed.

Nokia, Ericsson and Qualcomm objected to have a timer in the network.

Several companies believed that this discussion should be handled in CT4.

Kundan Tiwari (Samsung) and Roozbeh Atarius (Motorola Mobility) commented that there could be value in this proposal, however they thought that this should be done in a different manner.

Lin Shu (Huawei) commented that it would be good to bring a contribution to CT4 and have a note in the CT1 spec.

**Decision:** The document was **revised to C1-198779**.

**C1-198779 Preventing UE waiting for completion of NSSAA indefinitely – Atl1 NW timer**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1600 rev 2 Cat: B (Rel-16)  
  
 Source: NEC*

(Replaces C1-198368)

**Decision:** The document was **postponed**.

**C1-198369 Preventing UE waiting for completion of NSSAA indefinitely - Atl2UE timer**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1601 rev 1 Cat: B (Rel-16)  
  
 Source: NEC, InterDigital*

(Replaces C1-196443)

**Discussion:**

Presented by Tsuyoshi Takakura (NEC)

Roozbeh Atarius (Motorola Mobility): CR implemented based on a wrong assumption

RV Anikethan (Samsung): support the CR.

Mahmoud Watfa (Qualcomm): the CR doesn't consider the case when the UE has received at least one allowed NSSAI. In this case, there is no problem. Nothing is needed for the UE.

Lin Shu (Huawei): ditto, no need for UE timer.

Atle Monrad (Interdigital): the network cannot guess what the end user will do. There is value in a UE solution.

Kaj Johansson (Ericsson) didn't believe that this solution could work.

Fei Lu (ZTE) believed that this could be left to UE implementation. Atle Monrad (Interdigital) commented that this may be worth considering this option.

Tsuyoshi Takakura (NEC): no consensus on whatever solution. Not clear how to progress.

The CT1 Chairman proposed to give revisions to both alternatives.

**Decision:** The document was **revised to C1-198780**.

**C1-198780 Preventing UE waiting for completion of NSSAA indefinitely - Atl2UE timer**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1601 rev 2 Cat: B (Rel-16)  
  
 Source: NEC, InterDigital*

(Replaces C1-198369)

**Decision:** The document was **postponed**.

**C1-198370 NSSAI storage impact with NSSAA**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1602 rev 2 Cat: B (Rel-16)  
  
 Source: NEC, Interdigital*

(Replaces C1-196758)

**Discussion:**

Presented by Tsuyoshi Takakura (NEC)

**Decision:** The document was **revised to C1-198770**.

**C1-198770 NSSAI storage impact with NSSAA**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1602 rev 3 Cat: B (Rel-16)  
  
 Source: NEC, InterDigital, vivo*

(Replaces C1-198370)

**Decision:** The document was **revised to C1-199014**.

**C1-199014 NSSAI storage impact with NSSAA**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1602 rev 4 Cat: B (Rel-16)  
  
 Source: NEC, InterDigital, vivo*

(Replaces C1-198770)

**Decision:** The document was **revised to C1-199058**.

**C1-199058 NSSAI storage impact with NSSAA**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1602 rev 5 Cat: B (Rel-16)  
  
 Source: NEC, InterDigital, vivo*

(Replaces C1-199014)

**Discussion:**

Presented by Tsuyoshi Takakura (NEC)

Roozbeh Atarius (Motorola Mobility): Pending -> pending

**Decision:** The document was **revised to C1-199064**.

**C1-199064 NSSAI storage impact with NSSAA**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1602 rev 6 Cat: B (Rel-16)  
  
 Source: NEC, InterDigital, vivo*

(Replaces C1-199058)

**Decision:** The document was **agreed**.

**C1-198417 S-NSSAI in rejected NSSAI slice-specific authentication failed or pending lists shall not be requested**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1734 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Decision:** The document was **postponed**.

**C1-198420 NSSAA pending, prevent UE to wait indefinitely**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1735 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

Mahmoud Watfa (Qualcomm): would prefer to have this handled in CT4.

Lin Shu (Huawei): ditto. It would be good to add a note to indicate that it's covered in CT4 spec.

**Decision:** The document was **revised to C1-198781**.

**C1-198781 NSSAA pending, prevent UE to wait indefinitely**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1735 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-198420)

**Decision:** The document was **postponed**.

**C1-198421 NW slice-specific authentication and authorization procedure pending**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1736 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **revised to C1-198579**.

**C1-198579 NW slice-specific authentication and authorization procedure pending**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1736 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson, Motorola Mobility, Lenovo, LG Electronics*

(Replaces C1-198421)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

alternative in C1-198985

who supports 8579 as the way forward? 6 companies

who supports 8985 as the way forward? 11 companies

The CT1 Chairman: the result is not decisive, we will have a technical vote in February if no agreement can be reached by the end of the meeting.

Atle Monrad (Interdigital) raised some concerns about delaying the decision to the next meeting. He commented that it's hard to find a compromise though.

**Decision:** The document was **withdrawn**.

**C1-198447 Deregistration due to failed network Slice-Specific Authentication and Authorization**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1526 rev 5 Cat: F (Rel-16)  
  
 Source: vivo, Motorola Mobility, Lenovo*

(Replaces C1-197002)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Yanchao Kang (vivo)

**Decision:** The document was **revised to C1-198576**.

**C1-198576 Deregistration due to failed network Slice-Specific Authentication and Authorization**

*Type: CR For: -  
 24.501 v16.2.0 CR-1526 rev 6 Cat: F (Rel-16)  
  
 Source: vivo, Motorola Mobility, Lenovo, InterDigital*

(Replaces C1-198447)

**Discussion:**

Presented by Atle Monrad (Interdigital) who commented that there hadn't been technical changes compared to the previous versoin.

**Decision:** The document was **agreed**.

**C1-198456 5GMM messages for NSSAA**

*Type: discussion For: Decision  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

alternative in 8543

differences = new message vs new container

**Decision:** The document was **noted**.

**C1-198543 Discussion paper on implementation of EAP ID acquisition for NSSAA**

*Type: discussion For: Discussion  
 Source: China Mobile*

**Decision:** The document was **noted**.

**C1-198544 Discussion paper on recommendation of NSSAA**

*Type: discussion For: Discussion  
 Source: China Mobile*

**Decision:** The document was **noted**.

**C1-198545 eNS-EAP ID acquisition during registration-option1**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1779 Cat: B (Rel-16)  
  
 Source: China Mobile*

**Decision:** The document was **withdrawn**.

**C1-198546 eNS-EAP ID acquisition during registration-option2**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1780 Cat: B (Rel-16)  
  
 Source: China Mobile*

**Decision:** The document was **withdrawn**.

**C1-198557 Categorizations of allowed and rejected S-NSSAIs**

*Type: discussion For: (not specified)  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-198183)

**Discussion:**

Relates to C1-198051, C1-198050, C1-198421

Presented by Roozbeh Atarius (Motorola Mobility)

show of hands

Interdigital's 8051: 7 companies

Motorola Mobility's 8557: 5 companies

**Decision:** The document was **noted**.

#### 16.2.7 Vertical\_LAN

TS 24.535 info

24.xyz info

**C1-198210 Manual selection of CAG cell which is not in the allowed list**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0457 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai bell, OPPO*

(Replaces C1-196734)

**Decision:** The document was **withdrawn**.

**C1-198237 Compromise solution for Manual CAG selection outside Allowed list**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0471 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon/ Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198735**.

**C1-198735 Compromise solution for Manual CAG selection outside Allowed list**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0471 rev 1 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Samsung*

(Replaces C1-198237)

**Discussion:**

Presented by Vishnu Preman (Huawei)

Ban Al Bakri (NTT DOCOMO) commented that NTT DOCOMO agreed with the addition of the editor's note. She commented that it's subject to the agreement of SA1. This should be indicated in the editor's note, the way it's done for RAN2.

Andrew Howell (Home Office): ditto

Reinhard Lauster (Deutsche Telekom): ditto. Requirements should be clarified.

Lena Chaponnière (Qualcomm): what would CT1 ask SA1?

Sung Hwan Won (Nokia): assumption = agree some CRs, attach in an LS to SA1 and ask what is in the editor's note

Lena Chaponnière (Qualcomm) commented that she believed that the editor's note was not clear.

Ivo Sedlacek (Ericsson): commented that his proposal for the editor's note was slightly different. "serving PLMN" could cause confusion.

It was commented that it would be good to be more explicit as it is for vPLMN, hPLMN or both.

Ban Al Bakri (NTT DOCOMO) commented that the rationale for having it this way was to leave it open.

Related outgoing LS in 766

On the way forward, several companies commented that they believed that CT1 should agree CRs and let SA1 think about them. It would be possible for SA1 to tell CT1 not to approve the CRs at CT.

Ban Al Bakri (NTT DOCOMO) on the other hand belived that CT1 should postpone until clear guidance is received from SA1.

**Decision:** The document was **revised to C1-198765**.

**C1-198765 Configuration for the presentation of CAG cells for manual CAG selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0471 rev 2 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Samsung*

(Replaces C1-198735)

**Discussion:**

Presented by Vishnu Preman (Huawei)

Ivo Sedlacek (Ericsson): ok in principle but the wording is not aligned with the one used in the LS. He suggested to use the wording used in the LS.

It was commented that a definition could be added.

Ivo Sedlacek (Ericsson) commented that he didn't have a strong opinion on what term to use. He just wanted to have alignment.

**Decision:** The document was **revised to C1-198960**.

**C1-198960 Configuration for the presentation of CAG cells for manual CAG selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0471 rev 3 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Samsung, Nokia, Nokia Shanghai Bell*

(Replaces C1-198765)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-199010**.

**C1-199010 Configuration for the presentation of CAG cells for manual CAG selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0471 rev 4 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Samsung, Nokia, Nokia Shanghai Bell*

(Replaces C1-198960)

**Decision:** The document was **agreed**.

**C1-198309 Updates for Manual CAS selection**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1554 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-196736)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198769**.

**C1-198769 Updates for Manual CAS selection**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1554 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198309)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198992**.

**C1-198992 Updates for Manual CAG selection**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1554 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198769)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **agreed**.

**C1-198314 Expiration of CAG subscription while emergency PDU session**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1717 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198737**.

**C1-198737 Removal of CAG suscription while emergency PDU session is established.**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1717 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198314)

**Discussion:**

Presented by Vishnu Preman (Huawei)

wrong clauses affected

**Decision:** The document was **revised to C1-198990**.

**C1-198990 Removal of CAG suscription while emergency PDU session is established.**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1717 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198737)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-199021**.

**C1-199021 Removal of CAG suscription while emergency PDU session is established.**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1717 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198990)

**Decision:** The document was **agreed**.

**C1-198319 Definition of CAG terms**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1718 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198739**.

**C1-198739 Defenition of CAG cell, CAG ID and CAG selection**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1718 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces C1-198319)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **agreed**.

**C1-198320 Handling of SR in a CAG subscription expired cell**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1719 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198738**.

**C1-198738 Handling of Service request message in a non-subscribed CAG cell**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1719 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198320)

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198991**.

**C1-198991 Handling of Service request message in a non-subscribed CAG cell**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1719 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces C1-198738)

**Decision:** The document was **agreed**.

**C1-198321 Updation of LIMITED SERVICE state for CAG**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1720 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

**Discussion:**

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **revised to C1-198741**.

**C1-198741 Updation of LIMITED SERVICE state for CAG**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1720 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon / Vishnu*

(Replaces C1-198321)

**Decision:** The document was **agreed**.

**C1-198459 Work plan for CT aspects of Vertical\_LAN**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198724**.

**C1-198724 Work plan for CT aspects of Vertical\_LAN**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198459)

**Discussion:**

Noted without presentation.

**Decision:** The document was **noted**.

**C1-198485 Adding Port number in TSN Bridge Management**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1762 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Vishnu*

**Discussion:**

merged with 8175

**Decision:** The document was **merged**.

##### 16.2.7.1 Stand-alone NPN

**C1-198135 Add the missing SNPN when UE uses GUTI in initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1676 Cat: F (Rel-16)  
  
 Source: OPPO / Rae*

**Discussion:**

Presented by Haorui Yang (OPPO)

Qualcomm, Samsung and Huawei indicated preference to have a general description approach, but did not object

After agreement of this CR, the Chairman proposed a show of hands: 7 companies indicated preference to avoid the "or" statements. 2 companies indicated preference to add these, the way it is proposed by this CR.

Haorui Yang (OPPO) proposed to revise the CR in order to make it in the general section.

**Decision:** The document was **revised to C1-198733**.

**C1-198733 Add the missing SNPN when UE uses GUTI in initial registration**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1676 rev 1 Cat: F (Rel-16)  
  
 Source: OPPO*

(Replaces C1-198135)

**Discussion:**

Presented by Haorui Yang (OPPO)

**Decision:** The document was **agreed**.

**C1-198176 Additional abnormal cases in SNPN**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1694 Cat: C (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **revised to C1-198730**.

**C1-198730 Additional abnormal cases in SNPN**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1694 rev 1 Cat: C (Rel-16)  
  
 Source: Intel / Thomas*

(Replaces C1-198176)

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198177 Handling of multiple entries with same SNPN**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0467 Cat: C (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198178 Definitions and abbreviations update for SNPN Access Technology and other correction**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0468 Cat: F (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198179 Missing condition for entering limited service in SNPN access mode**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0469 Cat: F (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198292 Access to SNPNs using USIM credentials**

*Type: discussion For: Decision  
 Source: Qualcomm Incorporated / Lena*

**Abstract:**

At CT1#120, several CRs to TS 23.122 were submitted on the topic of access to SNPN using USIM credentials (see C1-196108, C1-196274 and C1-196305). In the end, the only agreement at the meting was that if 5G AKA or EAP-AKA’ is used in an SNPN then USIM credentials are used for that SNPN (see agreed C1-196714).

The following issues were left open:

1) Which subscriber identifier is used by the UE for an SNPN in which USIM credentials are used (captured by an Editor’s note in agreed C1-196933)

2) How the UE knows whether to use USIM credentials for an SNPN (not currently captured by any Editor’s note)

3) If the UE has to use USIM credentials for an SNPN and multiple USIM applications reside on the UICC, how the UE knows which USIM to use (not currently captured by any Editor’s note)

The purpose of the present document is to discuss the various possible options to address issues 1), 2) and 3) above and to propose a way forward.

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **noted**.

**C1-198293 Subscriber identifier when USIM credentials are used to access an SNPN**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0472 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **revised to C1-198722**.

**C1-198722 Subscriber identifier when USIM credentials are used to access an SNPN**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0472 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198293)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

it was discussed whether or not CT1 should wait for outcome from SA2 and SA3 before proceeding with the change.

**Decision:** The document was **revised to C1-198986**.

**C1-198986 Subscriber identifier when USIM credentials are used to access an SNPN**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0472 rev 2 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198722)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **postponed**.

**C1-198294 Enabling the use of USIM credentials in SNPNs**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0464 rev 2 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-196715)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **revised to C1-198723**.

**C1-198723 Enabling the use of USIM credentials in SNPNs**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0464 rev 3 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198294)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **revised to C1-198988**.

**C1-198988 Enabling the use of USIM credentials in SNPNs**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0464 rev 4 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198723)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **postponed**.

**C1-198295 Addition of NID to AN parameters**

*Type: CR For: Agreement  
 24.502 v16.1.0 CR-0104 rev 2 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-196724)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

revision of a CR agreed in Portoroz

**Decision:** The document was **revised to C1-198721**.

**C1-198721 Addition of NID to AN parameters**

*Type: CR For: Agreement  
 24.502 v16.1.0 CR-0104 rev 3 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198295)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198450 Corrections related to ODAC for SNPN**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1750 Cat: F (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **withdrawn**.

**C1-198462 Abnormal cases for 5GMM cause values #74 and #75**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1754 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198731**.

**C1-198731 Abnormal cases for 5GMM cause values #74 and #75**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1754 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198462)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-199037**.

**C1-199037 Abnormal cases for 5GMM cause values #74 and #75**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1754 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198731)

**Decision:** The document was **agreed**.

**C1-198465 Rejected NSSAI in SNPNs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1755 Cat: F (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **revised to C1-198736**.

**C1-198736 Rejected NSSAI in SNPNs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1755 rev 1 Cat: C (Rel-16)  
  
 Source: Intel / Thomas*

(Replaces C1-198465)

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198466 Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1756 Cat: C (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198725**.

**C1-198725 Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1756 rev 1 Cat: C (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198466)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-199054**.

**C1-199054 Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1756 rev 2 Cat: C (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198725)

**Decision:** The document was **agreed**.

**C1-198469 5GMM cause value #74 and requirements for non-integrity protected reject messages**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1555 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-196277)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198726**.

**C1-198726 5GMM cause value #74 and requirements for non-integrity protected reject messages**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1555 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198469)

**Decision:** The document was **agreed**.

**C1-198471 Maintenance of forbidden TA lists for non-integrity protected NAS reject in an SNPN**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1758 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198727**.

**C1-198727 Maintenance of forbidden TA lists for non-integrity protected NAS reject in an SNPN**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1758 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, Ericsson*

(Replaces C1-198471)

**Decision:** The document was **agreed**.

**C1-198490 Corrections related to configured, allowed and requested NSSAI for SNPNs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1764 Cat: F (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **revised to C1-198732**.

**C1-198732 Corrections related to configured, allowed and requested NSSAI for SNPNs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1764 rev 1 Cat: F (Rel-16)  
  
 Source: Intel / Thomas*

(Replaces C1-198490)

**Decision:** The document was **withdrawn**.

**C1-198728 Maintenance of forbidden TA lists for non-integrity protected NAS reject**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1373 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, MediaTek Inc. Nokia, Nokia Shanghai Bell*

(Replaces C1-196795)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198729 Clarification to forbidden TAI lists for SNPN**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1551 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-196723)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Vishnu Preman (Huawei)

**Decision:** The document was **agreed**.

**C1-199055 Extensions of EAP-TLS usage in primary authentication**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1512 rev 2 Cat: B (Rel-16)  
  
 Source: Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-196721)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

revision of a CR agreed in Portoroz

**Decision:** The document was **agreed**.

**C1-199056 Primary authentication using EAP methods other than EAP-AKA' and EAP-TLS**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1510 rev 3 Cat: B (Rel-16)  
  
 Source: Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-196935)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

revision of a CR agreed in Portoroz

**Decision:** The document was **agreed**.

##### 16.2.7.2 Public network integrated NPN

**C1-198311 Discussion on Requirements of PNI-NPN and it impacts the UE's Manual CAG cell selection**

*Type: discussion For: Agreement  
 Source: DOCOMO Communications Lab.*

**Discussion:**

Presented by Ban Al Bakri (NTT DOCOMO)

**Decision:** The document was **noted**.

**C1-198347 Subscription update for CAG only UEs**

*Type: CR For: Approval  
 23.122 v16.3.0 CR-0466 rev 2 Cat: F (Rel-16)  
  
 Source: Samsung*

(Replaces C1-196942)

**Discussion:**

late doc

wrong rev on cover

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **postponed**.

**C1-198349 Transmission of the UE CAG capability to the network.**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1431 rev 7 Cat: B (Rel-16)  
  
 Source: Samsung, Ericsson, Vodafone*

(Replaces C1-196972)

**Discussion:**

late doc

revision of a CR agreed in Portoroz

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-198759**.

**C1-198759 Transmission of the UE CAG capability to the network**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1431 rev 8 Cat: B (Rel-16)  
  
 Source: Samsung, Ericsson, Vodafone, Deutsche Telekom*

(Replaces C1-198349)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **agreed**.

**C1-198352 CAG only UE and emergency procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1604 rev 5 Cat: F (Rel-16)  
  
 Source: Samsung, Intel*

(Replaces C1-196954)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-198734**.

**C1-198734 CAG only UE and emergency procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1604 rev 6 Cat: F (Rel-16)  
  
 Source: Samsung, Intel*

(Replaces C1-198352)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-198989**.

**C1-198989 CAG only UE and emergency procedure**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1604 rev 7 Cat: F (Rel-16)  
  
 Source: Samsung, Intel*

(Replaces C1-198734)

**Decision:** The document was **agreed**.

**C1-198354 Handling of 5GMM cause#76 without integrity protected**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1721 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India*

**Discussion:**

Presented by Kundan Tiwari (Samsung)

It was commented that this conflicts with a CR agreed in Portoroz (C1-196999).

**Decision:** The document was **revised to C1-198742**.

**C1-198742 Handling of 5GMM cause#76 without integrity protected**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1721 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India*

(Replaces C1-198354)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **postponed**.

**C1-198359 Correction to automatic PLMN selection for a CAG UE**

*Type: CR For: (not specified)  
 23.122 v16.3.0 CR-0473 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India/ Kundan*

**Discussion:**

Not provided on time

**Decision:** The document was **withdrawn**.

**C1-198498 Information presented to the user for manual CAG selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0476 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198767**.

**C1-198767 Information presented to the user for manual CAG selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0476 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198498)

**Decision:** The document was **postponed**.

**C1-198500 Impacts to the registration procedure due to manual CAG selection**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1566 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-196735)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198768**.

**C1-198768 Impacts to the registration procedure due to manual CAG selection**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1566 rev 3 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198500)

**Decision:** The document was **postponed**.

**C1-198508 No CAG access control for emergency services**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1770 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198740**.

**C1-198740 No CAG access control for emergency services**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1770 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198508)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198511 Coding of the CAG-ID**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1772 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198745**.

**C1-198745 Coding of the CAG-ID**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1772 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198511)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-199022**.

**C1-199022 Coding of the CAG-ID**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1772 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198745)

**Decision:** The document was **agreed**.

**C1-198515 NAS providing AS with a "CAG information list"**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0477 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198743**.

**C1-198743 NAS providing AS with a "CAG information list"**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0477 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198515)

**Decision:** The document was **agreed**.

**C1-198516 Clarification on figures for PLMN selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0478 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198744**.

**C1-198744 Clarification on figures for PLMN selection**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0478 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198516)

**Decision:** The document was **agreed**.

##### 16.2.7.3 Time sensitive communication

**C1-198015 Skeleton of 3GPP TS 24.5xy: "TSN Application Function (AF) to Device-side TSN Translator (DS-TT) and Network-side TSN Translator (NW-TT) protocol aspects; Stage 3"**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198752**.

**C1-198752 Skeleton of 3GPP TS 24.5xy: "TSN Application Function (AF) to Device-side TSN Translator (DS-TT) and Network-side TSN Translator (NW-TT) protocol aspects; Stage 3"**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198015)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198019 Handling of unknown, unforeseen, and erroneous EPMS data in Ethernet port management service**

*Type: other For: (not specified)  
 Source: Ericsson, Nokia, Nokia Shanghai Bell / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198173 DS-TT initiated exchange of port management capabilities**

*Type: other For: (not specified)  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **revised to C1-198755**.

**C1-198755 DS-TT initiated exchange of port management capabilities**

*Type: other For: -  
 Source: Intel, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198173)

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **revised to C1-199024**.

**C1-199024 DS-TT initiated exchange of port management capabilities**

*Type: other For: -  
 Source: Intel, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198755)

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198174 Addition of LLDP related Ethernet port parameters**

*Type: other For: Agreement  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198175 Exchange of port management capabilities during PDU session establishment**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1693 Cat: B (Rel-16)  
  
 Source: Intel / Thomas*

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **revised to C1-198756**.

**C1-198756 Exchange of port management capabilities during PDU session establishment**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1693 rev 1 Cat: B (Rel-16)  
  
 Source: Intel, Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198175)

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

**Decision:** The document was **agreed**.

**C1-198234 Discussion on delivery of gPTP messages for time synchronization**

*Type: discussion For: Decision  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **noted**.

**C1-198235 Correction on delivery of gPTP messages for time synchronization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1703 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **postponed**.

**C1-198296 Signalling of ingress time**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **revised to C1-198749**.

**C1-198749 Signalling of ingress time**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198296)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198472 General description on the protocol between DS-TT and NW-TT**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198750**.

**C1-198750 General description on the protocol between DS-TT and NW-TT**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198472)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198473 Overview of gPTP message delivery**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

Lena Chaponnière (Qualcomm): typos

**Decision:** The document was **revised to C1-198751**.

**C1-198751 Overview of gPTP message delivery**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198473)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

Ivo Sedlacek (Ericsson): some editorials.

**Decision:** The document was **revised to C1-199023**.

**C1-199023 Overview of gPTP message delivery**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198751)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198476 Title of TS 24.535**

*Type: pCR For: Agreement  
 24.535 v0.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198478 Procedures between TSN AF and NW-TT**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198757**.

**C1-198757 Procedures between TSN AF and NW-TT**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell, Verizon, Ericsson*

(Replaces C1-198478)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198482 Scope of TS 24.5xy**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198488 General description for TS 24.5xy**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198753**.

**C1-198753 General description for TS 24.5xy**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-198488)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **agreed**.

**C1-198494 Moving Annex E to TS 24.5xy**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1766 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

It was commented that the annex should be voided, not just deleted

**Decision:** The document was **revised to C1-198754**.

**C1-198754 Moving Annex E to TS 24.5xy**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1766 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, BlackBerry*

(Replaces C1-198494)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

clauses affected to be updated

**Decision:** The document was **revised to C1-198993**.

**C1-198993 Moving Annex E to TS 24.5xy**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1766 rev 2 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, BlackBerry*

(Replaces C1-198754)

**Decision:** The document was **agreed**.

**C1-198497 To unsubscribe from port management parameter update notification**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **revised to C1-198758**.

**C1-198758 To unsubscribe from port management parameter update notification**

*Type: other For: Agreement  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

(Replaces C1-198497)

**Discussion:**

Verizon added

**Decision:** The document was **agreed**.

**C1-198747 A single DS-TT associated with a PDU session**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1524 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-196138)

**Discussion:**

revision of a CR agreed in Portoroz

**Decision:** The document was **postponed**.

**C1-198793 Correct port management information container reference**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1521 rev 1 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Limited*

(Replaces C1-196135)

**Discussion:**

revision of a CR agreed in Portoroz

Covered in another CR.

**Decision:** The document was **withdrawn**.

#### 16.2.8 5G\_CIoT

**C1-198026 5G CIoT work plan for CT1**

*Type: discussion For: (not specified)  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **noted**.

**C1-198043 Service gap control and inter system change from EPS to 5GS**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1646 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Decision:** The document was **withdrawn**.

**C1-198044 Service gap control and inter system change from 5GS to EPS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3291 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Decision:** The document was **withdrawn**.

**C1-198045 Service gap control, definition update of T3447 due to 5GS usage**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3292 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Decision:** The document was **withdrawn**.

**C1-198047 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1647 Cat: B (Rel-16)  
  
 Source: Ericsson / Mikael*

**Discussion:**

Presented by Mikael Wass (Ericsson)

related outgoing LS in 592

**Decision:** The document was **revised to C1-198591**.

**C1-198591 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices**

*Type: CR For: -  
 24.501 v16.2.0 CR-1647 rev 1 Cat: B (Rel-16)  
  
 Source: Ericsson, Nokia, Huawei, HiSilicon, Nokia Shanghai Bell, ZTE*

(Replaces C1-198047)

**Discussion:**

Presented by Mikael Wass (Ericsson) who commented that he forgot to delete an editor's note

**Decision:** The document was **revised to C1-198979**.

**C1-198979 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices**

*Type: CR For: -  
 24.501 v16.2.0 CR-1647 rev 2 Cat: B (Rel-16)  
  
 Source: Ericsson, Nokia, Huawei, HiSilicon, Nokia Shanghai Bell, ZTE*

(Replaces C1-198591)

**Discussion:**

Presented by Mikael Wass (Ericsson)

**Decision:** The document was **agreed**.

**C1-198048 Serving PLMN rate control at PDU session modification**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1648 Cat: C (Rel-16)  
  
 Source: Ericsson / Mikael*

**Discussion:**

similar to 8446

Presented by Mikael Wass (Ericsson)

**Decision:** The document was **revised to C1-198590**.

**C1-198590 Serving PLMN rate control at PDU session modification**

*Type: CR For: -  
 24.501 v16.2.0 CR-1648 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson, Sharp*

(Replaces C1-198048)

**Discussion:**

Presented by Mikael Wass (Ericsson)

**Decision:** The document was **agreed**.

**C1-198054 Short MAC and ngKSI in Control plane service request NAS message**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1651 Cat: F (Rel-16)  
  
 Source: Ericsson, Intel / Mikael*

**Discussion:**

Presented by Mikael Wass (Ericsson)

CPSR

Related with incoming LS in C1-198439

**Decision:** The document was **revised to C1-198580**.

**C1-198580 Short MAC and ngKSI in Control plane service request NAS message**

*Type: CR For: -  
 24.501 v16.2.0 CR-1651 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, Intel, InterDigital, Huawei, HiSilicon*

(Replaces C1-198054)

**Decision:** The document was **agreed**.

**C1-198074 Handling for the use case when maximum allowed active DRB's have been reached**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1654 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

**Discussion:**

Related with 8440

Presented by RV Anikethan (Samsung)

There were concerns about the fact that this interrupts ongoing data transfer.

Lin Shu (Huawei): this is not based on the reference version of the spec. This seems to be written on top of a CR by OPPO that was agreed in Portoroz, however there is no rev marks.

No support expressed in CT1.

**Decision:** The document was **revised to C1-198589**.

**C1-198589 Handling for the use case when maximum allowed active DRB's have been reached**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1654 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-198074)

**Decision:** The document was **postponed**.

**C1-198079 Introduction of NSSAI efficient signalling for IoT devices**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1657 Cat: B (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

show of hands

who supports the proposal? 3 companies

who objects? 6 companies

**Decision:** The document was **revised to C1-198746**.

**C1-198746 Introduction of NSSAI efficient signalling for IoT devices**

*Type: CR For: -  
 24.501 v16.2.0 CR-1657 rev 1 Cat: B (Rel-16)  
  
 Source: Qualcomm Incorporated, vivo, ZTE, InterDigital*

(Replaces C1-198079)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

related doc in 8906

**Decision:** The document was **revised to C1-198981**.

**C1-198981 Introduction of NSSAI efficient signalling for IoT devices**

*Type: CR For: -  
 24.501 v16.2.0 CR-1657 rev 2 Cat: B (Rel-16)  
  
 Source: Qualcomm Incorporated, vivo, ZTE, InterDigital*

(Replaces C1-198746)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198084 Optional support for CP optimization**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1659 Cat: C (Rel-16)  
  
 Source: ZTE*

**Discussion:**

Presented by Fei Lu (ZTE)

related outgoing LS in 8593

**Decision:** The document was **postponed**.

**C1-198085 UE behaviour when T3448 timer running**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1660 Cat: F (Rel-16)  
  
 Source: ZTE, Ericsson*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **revised to C1-198594**.

**C1-198594 UE behaviour when T3448 timer running**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1660 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, Ericsson*

(Replaces C1-198085)

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **revised to C1-198980**.

**C1-198980 UE behaviour when T3448 timer running**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1660 rev 2 Cat: F (Rel-16)  
  
 Source: ZTE, Ericsson*

(Replaces C1-198594)

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **agreed**.

**C1-198086 AMF behaviour for mobility registration when SGC timer running**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1661 Cat: F (Rel-16)  
  
 Source: ZTE*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **agreed**.

**C1-198113 SGC timer and handling during intersystem change**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1605 rev 2 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson /Jennifer*

(Replaces C1-196911)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-198595**.

**C1-198595 SGC timer and handling during intersystem change**

*Type: CR For: -  
 24.501 v16.2.0 CR-1605 rev 3 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198113)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **agreed**.

**C1-198114 SGC timer and handling during intersystem change**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3288 rev 2 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson /Jennifer*

(Replaces C1-196912)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-198596**.

**C1-198596 SGC timer and handling during intersystem change**

*Type: CR For: -  
 24.301 v16.2.0 CR-3288 rev 3 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198114)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-199016**.

**C1-199016 SGC timer and handling during intersystem change**

*Type: CR For: -  
 24.301 v16.2.0 CR-3288 rev 4 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198596)

**Decision:** The document was **agreed**.

**C1-198115 Applicability of existing emergency PDU session request type**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1520 rev 1 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-196128)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-198597**.

**C1-198597 Applicability of existing emergency PDU session request type**

*Type: CR For: -  
 24.501 v16.2.0 CR-1520 rev 2 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-198115)

**Decision:** The document was **agreed**.

**C1-198125 UE indication of support for Mobile Terminated (MT) Early Data Transmission**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1671 Cat: B (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

MT EDT, Related with incoming LS in C1-198442

**Decision:** The document was **revised to C1-198588**.

**C1-198588 UE indication of support for Mobile Terminated (MT) Early Data Transmission**

*Type: CR For: -  
 24.501 v16.2.0 CR-1671 rev 1 Cat: B (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198125)

**Decision:** The document was **postponed**.

**C1-198127 Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1672 Cat: C (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

Related with incoming LS in C1-198060

**Decision:** The document was **revised to C1-198585**.

**C1-198585 Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions**

*Type: CR For: -  
 24.501 v16.2.0 CR-1672 rev 1 Cat: C (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198127)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

Kaj Johansson (Ericsson) commented that he had a competing paper (8586). He also indicated that the current CR has a linkage to an SA2 CR. That CR is revised to something different. He suggested to postpone both papers. Mahmoud Watfa (Qualcomm) commented that the SA2 CR was agreed at the previous meeting. Mikael Wass (Ericsson) commented that we could not what would be the final version of the SA2 CR after their meeting. He also believed that postponing the CRs would be good.

Show of hands:

Who supports 8585? 2 companies

Who supports 8586? 2 companies

The CT1 Chairman: no consensus. If that doesn't change, postponing would be the way forward.

**Decision:** The document was **postponed**.

**C1-198129 Introduction of NB-IoT UE specific DRX**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1673 Cat: B (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

Related with incoming LS in C1-198060

**Decision:** The document was **revised to C1-198583**.

**C1-198583 Introduction of NB-IoT UE specific DRX**

*Type: CR For: -  
 24.501 v16.2.0 CR-1673 rev 1 Cat: B (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198129)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **postponed**.

**C1-198226 Enhancement on CPSR for CIoT CP data transport**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1701 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Vodafone/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

who supports 8226: 4 companies

against 8226: 4 companies

**Decision:** The document was **revised to C1-198581**.

**C1-198581 Enhancement on CPSR for CIoT CP data transport**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1701 rev 1 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Vodafone, ZTE, China Mobile, China Telecom*

(Replaces C1-198226)

**Discussion:**

Presented by Lin Shu (Huawei)

still no consensus

who supports the CR: 6 companies

who is against the CR: 4 companies

**Decision:** The document was **postponed**.

**C1-198227 Discussion on implementation of MT-EDT for 5GS in stage 3**

*Type: discussion For: Decision  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

MT EDT, Related with incoming LS in C1-198442

**Decision:** The document was **noted**.

**C1-198228 Discussion on support of UE specific DRX for NB-IoT**

*Type: discussion For: Decision  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

Related with incoming LS in C1-198018, UE specific DRX for NB-IoT

**Decision:** The document was **noted**.

**C1-198229 Support of UE specific DRX for NB-IoT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1702 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **revised to C1-198584**.

**C1-198584 Support of UE specific DRX for NB-IoT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1702 rev 1 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung*

(Replaces C1-198229)

**Discussion:**

Presented by Lin Shu (Huawei)

concerns from Qualcomm. Mahmoud Watfa (Qualcomm) commented that the proposal is not in line with the agreement in st2 (two IEs). Lin Shu (Huawei) commented that it's about the coding, CT1 could proceed with the change.

who supports the CR? 7 companies

The CT1 Chairman suggested to add an editor's note to indicate that some aspects are ffs.

**Decision:** The document was **revised to C1-198978**.

**C1-198978 Support of UE specific DRX for NB-IoT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1702 rev 2 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung*

(Replaces C1-198584)

**Decision:** The document was **revised to C1-199019**.

**C1-199019 Support of UE specific DRX for NB-IoT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1702 rev 3 Cat: C (Rel-16)  
  
 Source: Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung*

(Replaces C1-198978)

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **agreed**.

**C1-198299 Timer T3448**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1707 Cat: F (Rel-16)  
  
 Source: vivo / Yanchao*

**Discussion:**

Presented by Yanchao Kang (vivo)

**Decision:** The document was **agreed**.

**C1-198304 Correction of the format of CIoT small data container**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1711 Cat: F (Rel-16)  
  
 Source: InterDigital France R&D, SAS*

**Discussion:**

Presented by Behrouz Aghili (Interdigital)

**Decision:** The document was **revised to C1-198947**.

**C1-198947 Correction of the format of CIoT small data container**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1711 rev 1 Cat: F (Rel-16)  
  
 Source: InterDigital France R&D, SAS*

(Replaces C1-198304)

**Discussion:**

Presented by Behrouz Aghili (Interdigital)

**Decision:** The document was **agreed**.

**C1-198305 Removal of a Code-point in Control Plane Service Type**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1712 Cat: F (Rel-16)  
  
 Source: InterDigital*

**Discussion:**

Presented by Behrouz Aghili (Interdigital)

**Decision:** The document was **revised to C1-198987**.

**C1-198987 Removal of a Code-Point in Control Plane Service Type**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1712 rev 1 Cat: F (Rel-16)  
  
 Source: InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-198305)

**Discussion:**

Presented by Behrouz Aghili (Interdigital)

superfluous # on the cover, next to the TS number

**Decision:** The document was **revised to C1-199001**.

**C1-199001 Removal of a Code-Point in Control Plane Service Type**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1712 rev 2 Cat: F (Rel-16)  
  
 Source: InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-198987)

**Discussion:**

Presented by Behrouz Aghili (Interdigital)

**Decision:** The document was **revised to C1-199018**.

**C1-199018 Removal of a Code-Point in Control Plane Service Type**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1712 rev 3 Cat: F (Rel-16)  
  
 Source: InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-199001)

**Discussion:**

Presented by Behrouz Aghili (Interdigital)

**Decision:** The document was **agreed**.

**C1-198411 ngKSI for CONTROL PLANE SERVICE REQUEST message**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1730 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-198582**.

**C1-198582 ngKSI for CONTROL PLANE SERVICE REQUEST message**

*Type: CR For: -  
 24.501 v16.2.0 CR-1730 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-198411)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **agreed**.

**C1-198422 Abnormal case handling for uplink NAS transport for non-supporting Ues**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1519 rev 3 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-196945)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **revised to C1-198948**.

**C1-198948 Abnormal case handling for uplink NAS transport for non-supporting Ues**

*Type: CR For: -  
 24.501 v16.2.0 CR-1519 rev 4 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell /Jennifer*

(Replaces C1-198422)

**Discussion:**

Presented by Jennifer Liu (Nokia)

**Decision:** The document was **agreed**.

**C1-198434 CIoT user data container in UL NAS transport message not routable**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1742 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **revised to C1-198949**.

**C1-198949 CIoT user data container in UL NAS transport message not routable**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1742 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-198434)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **agreed**.

**C1-198435 CIoT user data container in CPSR message not forwarded**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1743 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

Behrouz Aghili (Interdigital): IE is incorrect. TV format cannot be added.

Fei Lu (ZTE) and Lin Shu (Huawei) would prefer to use the service reject for this corner case. Mahmoud Watfa (Qualcomm): didn't think that service reject should be used.

Kaj Johansson (Ericsson): no consensus on service accept vs service reject in the room.

**Decision:** The document was **revised to C1-198950**.

**C1-198950 CIoT user data container in CPSR message not forwarded**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1743 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson, InterDigital*

(Replaces C1-198435)

**Discussion:**

Presented by Kaj Johansson (Ericsson)

Fei Lu (ZTE), Lin Shu (Huawei): as indicated earlier, service reject should be used for this corner case

Mahmoud Watfa (Qualcomm) requested to take a timeout.

**Decision:** The document was **postponed**.

**C1-198437 Service gap control, supporting UE sends MO user data when connected when timer running**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1744 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **revised to C1-198951**.

**C1-198951 Service gap control, supporting UE sends MO user data when connected when timer running**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1744 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-198437)

**Decision:** The document was **agreed**.

**C1-198440 Handling of maximum number of allowed active DRBs**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1745 Cat: F (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Related with 8074

alternative to agreed CR in C1-196998

Presented by Kaj Johansson (Ericsson)

merged into 9038

**Decision:** The document was **merged**.

**C1-198443 NW enforcement, max two active user planes over NB-IoT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1746 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

**Decision:** The document was **revised to C1-198586**.

**C1-198586 NW enforcement, max two active user planes over NB-IoT**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1746 rev 1 Cat: C (Rel-16)  
  
 Source: Ericsson /kaj*

(Replaces C1-198443)

**Decision:** The document was **postponed**.

**C1-198444 Enforcement of maximum 2 DRB’s for UE in NB-N1 mode**

*Type: discussion For: Agreement  
 Source: Ericsson /kaj*

**Discussion:**

Presented by Kaj Johansson (Ericsson)

Related with incoming LS in C1-198060

**Decision:** The document was **noted**.

**C1-198446 Addition Serving PLMN rate control IE to PDU session modification command**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1748 Cat: F (Rel-16)  
  
 Source: SHARP*

**Discussion:**

similar as 8048

merged into 8590

**Decision:** The document was **merged**.

**C1-198448 Correction on the condition for including CP only indication**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1749 Cat: F (Rel-16)  
  
 Source: SHARP*

**Discussion:**

Presented by Yudai Kawasaki (SHARP)

Lin Shu (Huawei) would like to update the condition. Would work offline with Yudai.

**Decision:** The document was **revised to C1-198952**.

**C1-198952 Correction on the condition for including CP only indication**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1749 rev 1 Cat: F (Rel-16)  
  
 Source: SHARP*

(Replaces C1-198448)

**Decision:** The document was **revised to C1-199017**.

**C1-199017 Correction on the condition for including CP only indication**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1749 rev 2 Cat: F (Rel-16)  
  
 Source: SHARP*

(Replaces C1-198952)

**Discussion:**

Presented by Yudai Kawasaki (SHARP)

**Decision:** The document was **agreed**.

**C1-198907 Handling of maximum number of allowed active DRBs**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1563 rev 4 Cat: F (Rel-16)  
  
 Source: OPPO, Blackberry UK Ltd., Huawei, HiSilicon, Interdigital, Ericsson*

(Replaces C1-196998)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by Haorui Yang (OPPO)

Mahmoud Watfa (Qualcomm): this should happen in some situations only, not always.

Later in the week, Qualcomm was ok.

**Decision:** The document was **revised to C1-199038**.

**C1-199038 Handling of maximum number of allowed active DRBs**

*Type: CR For: -  
 24.501 v16.2.0 CR-1563 rev 5 Cat: F (Rel-16)  
  
 Source: OPPO, Blackberry UK Ltd., Huawei, HiSilicon, Interdigital, Ericsson*

(Replaces C1-198907)

**Decision:** The document was **agreed**.

**C1-198911 DNN replacement**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1594 rev 3 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

merged into C1-198912

revision of a CR agreed in Portoroz

**Decision:** The document was **merged**.

**C1-198916 Correcting DDX description**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1497 rev 1 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-196030)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by John-Luc Bakker (BlackBerry)

wrong rev counter on cover

**Decision:** The document was **revised to C1-199033**.

**C1-199033 Correcting DDX description**

*Type: CR For: -  
 24.501 v16.2.0 CR-1497 rev 2 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

(Replaces C1-198916)

**Decision:** The document was **agreed**.

#### 16.2.9 5WWC

**C1-198020 PDU session handling for 5NCW device**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1641 rev 1 Cat: B (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-196955)

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

Lena Chaponnière (Qualcomm): editorial issues

Christian Herrero (Huawei): not ok with 4.X, which is about non-3GPP access and out of scope of clause 4.

Ivo Sedlacek (Ericsson): 4.X should be merged into 4.7.

6.4.1.2, what is the default value?

No need to have new SM cause

**Decision:** The document was **revised to C1-198761**.

**C1-198761 PDU session handling for 5NCW device**

*Type: CR For: -  
 24.501 v16.2.0 CR-1641 rev 2 Cat: B (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-198020)

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

Christian Herrero (Huawei): not happy with the proposal. It should just indicate what is needed for the NAS signalling. He requested to have the CR postponed.

**Decision:** The document was **postponed**.

**C1-198119 WLAN and PLMN selection procedures for a N5CW device**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0106 Cat: B (Rel-16)  
  
 Source: Motorola Mobility, Lenovo, BlackBerry UK Ltd.*

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

**Decision:** The document was **revised to C1-198762**.

**C1-198762 WLAN and PLMN selection procedures for a N5CW device**

*Type: CR For: -  
 24.502 v16.1.0 CR-0106 rev 1 Cat: B (Rel-16)  
  
 Source: Motorola mobility, Lenovo, BlackBerry UK Ltd.*

(Replaces C1-198119)

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

**Decision:** The document was **agreed**.

**C1-198151 Access stratum connection and user-plane resources for trusted non-3GPP access and wireline access**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1685 Cat: C (Rel-16)  
  
 Source: Ericsson, CableLabs, Charter Communications / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198152 Usage of PDU session identity for the PDU sessions requested by the TWIF**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1686 Cat: B (Rel-16)  
  
 Source: Ericsson / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **revised to C1-198760**.

**C1-198760 Usage of PDU session identity for the PDU sessions requested by the TWIF**

*Type: CR For: -  
 24.501 v16.2.0 CR-1686 rev 1 Cat: B (Rel-16)  
  
 Source: Ericsson / Ivo*

(Replaces C1-198152)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198153 5G-RG and W-AGF acting on behalf of FN-RG usage of URSP**

*Type: CR For: (not specified)  
 24.526 v16.1.0 CR-0065 Cat: B (Rel-16)  
  
 Source: Ericsson, CableLabs / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **revised to C1-198763**.

**C1-198763 5G-RG and W-AGF acting on behalf of FN-RG usage of URSP**

*Type: CR For: -  
 24.526 v16.1.0 CR-0065 rev 1 Cat: B (Rel-16)  
  
 Source: Ericsson, CableLabs / Ivo*

(Replaces C1-198153)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198154 Removal of Session-TMBR**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1687 Cat: C (Rel-16)  
  
 Source: Ericsson / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198155 Further alignment with stage-2 on PEI for 5G-RG and FN-RG**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1514 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson / Ivo*

(Replaces C1-196110)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

revision of a CR agreed in Portoroz

**Decision:** The document was **agreed**.

**C1-198156 Scope correction**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0107 Cat: F (Rel-16)  
  
 Source: Ericsson, CableLabs, Charter Communications / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198157 PLMN selection for wireline access**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0108 Cat: B (Rel-16)  
  
 Source: Ericsson, CableLabs, Charter Communications / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **revised to C1-198764**.

**C1-198764 PLMN selection for wireline access**

*Type: CR For: -  
 24.502 v16.1.0 CR-0108 rev 1 Cat: B (Rel-16)  
  
 Source: Ericsson, CableLabs, Charter Communications, Huawei, HiSilicon*

(Replaces C1-198157)

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198158 QoS handling for wireline access**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0109 Cat: B (Rel-16)  
  
 Source: Ericsson, CableLabs, Charter Communications / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198159 EAP-5G handling and transport of NAS messages for wireline access**

*Type: CR For: (not specified)  
 24.502 v16.1.0 CR-0110 Cat: B (Rel-16)  
  
 Source: Ericsson / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **postponed**.

**C1-198160 5G-RG and W-AGF acting on behalf of FN-RG performing UE requirements**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1688 Cat: C (Rel-16)  
  
 Source: Ericsson, Charter Communications / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

**C1-198161 Secondary authentication and W-AGF acting on behalf of FN-RG**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1689 Cat: C (Rel-16)  
  
 Source: Ericsson, CableLabs, Charter Communications*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

Christian Herrero (Huawei) requested to postpone this contribution and wait for outcome in SA3.

**Decision:** The document was **postponed**.

**C1-198350 Revised WID on CT aspects on wireless and wireline convergence for the 5G system architecture**

*Type: WID revised For: Agreement  
 Source: Huawei, HiSilicon /Christian*

(Replaces CP-192079)

**Discussion:**

Presented by Christian Herrero (Huawei)

**Decision:** The document was **revised to C1-198562**.

**C1-198562 Revised WID on CT aspects on wireless and wireline convergence for the 5G system architecture**

*Type: WID revised For: Agreement  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198350)

**Discussion:**

Presented by Christian Herrero (Huawei)

no change for CT1

**Decision:** The document was **agreed**.

**C1-198353 Work plan for the CT1 part of 5WWC**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198551**.

**C1-198538 withdrawn**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1777 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**C1-198551 Work plan for the CT1 part of 5WWC**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198353)

**Discussion:**

Presented by Christian Herrero (Huawei)

**Decision:** The document was **revised to C1-199002**.

**C1-199002 Work plan for the CT1 part of 5WWC**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198551)

**Decision:** The document was **noted**.

**C1-198921 Removal of an editor's note**

*Type: CR For: -  
 24.502 v16.1.0 CR-0101 rev 2 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-198021)

**Discussion:**

becomes 5WWC

Presented by Roozbeh Atarius (Motorola Mobility)

**Decision:** The document was **revised to C1-199039**.

**C1-199039 Removal of an editor's note**

*Type: CR For: -  
 24.502 v16.1.0 CR-0101 rev 3 Cat: F (Rel-16)  
  
 Source: Motorola Mobility, Lenovo*

(Replaces C1-198921)

**Discussion:**

Presented by Roozbeh Atarius (Motorola Mobility)

**Decision:** The document was **agreed**.

#### 16.2.10 PARLOS

**C1-198049 RLOS conditions for LR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0451 rev 1 Cat: B (Rel-16)  
  
 Source: Intel*

(Replaces C1-194605)

**Discussion:**

Presented by Thomas Luetzenkirchen (Intel)

Ivo Sedlacek (Ericsson): it should be made clear that it's only for 4G.

**Decision:** The document was **revised to C1-198570**.

**C1-198570 RLOS conditions for LR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0451 rev 2 Cat: B (Rel-16)  
  
 Source: Intel, Nokia, Nokia Shanghai Bell*

(Replaces C1-198049)

**Discussion:**

presented by Thomas Luetzenkirchen (Intel)

wrong rev on cover

**Decision:** The document was **revised to C1-198974**.

**C1-198974 RLOS conditions for LR**

*Type: CR For: Agreement  
 23.122 v16.3.0 CR-0451 rev 3 Cat: B (Rel-16)  
  
 Source: Intel, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-198570)

**Decision:** The document was **agreed**.

**C1-198089 Initiation of Location Registration for RLOS**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3293 Cat: B (Rel-16)  
  
 Source: MediaTek / Marko*

**Decision:** The document was **withdrawn**.

**C1-198090 Handling of forbidden PLMNs, forbidden PLMN for GPRS service and equivalent PLMNs list on ATTACH ACCEPT and TRACKING AREA ACCEPT in RLOS**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3294 Cat: B (Rel-16)  
  
 Source: MediaTek / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **revised to C1-198571**.

**C1-198571 Handling of forbidden PLMNs, forbidden PLMN for GPRS service and equivalent PLMNs list on ATTACH ACCEPT and TRACKING AREA ACCEPT in RLOS**

*Type: CR For: -  
 24.301 v16.2.0 CR-3294 rev 1 Cat: B (Rel-16)  
  
 Source: MediaTek Inc., Nokia, Nokia Shanghai Bell*

(Replaces C1-198090)

**Discussion:**

Presented by Marko Niemi (Mediatek)

**Decision:** The document was **agreed**.

**C1-198094 Correction to not activate PSM when UE is registered for RLOS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3295 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

**Discussion:**

Presented by RV Anikethan (Samsung) who commented that he would need a revision to add a missing comma.

Jennifer Liu (Nokia): ok with the principle. She believed that some change should be done on the cover sheet to make a pointer to an agreed CR. RV Anikethan (Samsung) replied that this is based on a CR that was approved and is therefore already incorporated in the spec. Jennifer Liu (Nokia): ok then

**Decision:** The document was **revised to C1-198572**.

**C1-198572 Correction to not activate PSM when UE is registered for RLOS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3295 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-198094)

**Decision:** The document was **agreed**.

**C1-198163 Informing lower layers that access to RLOS is initiated**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1691 Cat: C (Rel-16)  
  
 Source: Ericsson / Ivo*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

this was requested as a CR to 24.501, whereas this is for 24.301

re-issued in 8573

**Decision:** The document was **rejected**.

**C1-198199 Streamlining of UE behaviour for RLOS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3274 rev 4 Cat: F (Rel-16)  
  
 Source: Samsung/Anikethan*

(Replaces C1-196956)

**Discussion:**

revision of a CR agreed in Portoroz

Presented by RV Anikethan (Samsung)

Lena Chaponnière (Qualcomm) believed that the previously agreed version is better.

**Decision:** The document was **revised to C1-198574**.

**C1-198574 Streamlining of UE behaviour for RLOS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3274 rev 5 Cat: F (Rel-16)  
  
 Source: Samsung, Qualcomm Incorporated, Ericsson, Nokia, Nokia Shanghai Bell*

(Replaces C1-198199)

**Discussion:**

Presented by RV Anikethan (Samsung) who commented that it's a rollback to the version agreed in Portoroz

related outgoing LS in 8975

**Decision:** The document was **agreed**.

**C1-198547 Initiation of Location Registration for RLOS**

*Type: CR For: (not specified)  
 23.122 v16.3.0 CR-0480 Cat: C (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

**Discussion:**

Presented by Marko Niemi (Mediatek)

style problem for the added bullet

Several companies believed it was not needed

**Decision:** The document was **revised to C1-198575**.

**C1-198575 Initiation of Location Registration for RLOS**

*Type: CR For: -  
 23.122 v16.3.0 CR-0480 rev 1 Cat: C (Rel-16)  
  
 Source: MediaTek Inc. / Marko*

(Replaces C1-198547)

**Decision:** The document was **withdrawn**.

**C1-198573 Informing lower layers that access to RLOS is initiated**

*Type: CR For: (not specified)  
 24.301 v16.2.0 CR-3311 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

Presented by Ivo Sedlacek (Ericsson)

**Decision:** The document was **agreed**.

#### 16.2.11 5G\_eLCS (CT4)

24.571 information

**C1-198289 Transfer of Ciphering Key Information for Broadcast Location Assistance Data**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1705 Cat: B (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **revised to C1-198599**.

**C1-198599 Transfer of Ciphering Key Information for Broadcast Location Assistance Data**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1705 rev 1 Cat: B (Rel-16)  
  
 Source: Qualcomm Incorporated / Lena*

(Replaces C1-198289)

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198290 Network initiated location services operations for 5GS**

*Type: pCR For: Agreement  
 24.571 v0.1.0  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **approved**.

**C1-198302 Sending location services data from 5GMM-IDLE mode using the Control Plane Service Request message**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1710 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **revised to C1-198598**.

**C1-198598 Sending location services data from 5GMM-IDLE mode using the Control Plane Service Request message**

*Type: CR For: -  
 24.501 v16.2.0 CR-1710 rev 1 Cat: F (Rel-16)  
  
 Source: QUALCOMM Europe Inc. - Italy*

(Replaces C1-198302)

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **agreed**.

**C1-198374 UE Location Privacy Setting**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1725 Cat: B (Rel-16)  
  
 Source: CATT*

**Discussion:**

Presented by Scott Yong Jiang (CATT)

Lena Chaponnière (Qualcomm): no need for 24501 CR, since existing procedures can be used.

Apart from CATT and Qualcomm, no company expressed any opinion.

Lazaros Gkatzikis (Nokia) commented that there were editorial issues.

Mikael Wass (Ericsson) later indicated that he shared Lena's opinion, i.e. that the container was not needed

**Decision:** The document was **revised to C1-198719**.

**C1-198719 UE Location Privacy Setting**

*Type: CR For: -  
 24.501 v16.2.0 CR-1725 rev 1 Cat: B (Rel-16)  
  
 Source: CATT*

(Replaces C1-198374)

**Decision:** The document was **postponed**.

**C1-198381 LCS messages and coding**

*Type: pCR For: Agreement  
 24.571 v0.1.0  
 Source: CATT*

**Discussion:**

Presented by Scott Yong Jiang (CATT)

**Decision:** The document was **revised to C1-198720**.

**C1-198720 LCS messages and coding**

*Type: pCR For: Agreement  
 24.571 v0.1.0  
 Source: CATT*

(Replaces C1-198381)

**Discussion:**

Presented by Scott Yong Jiang (CATT)

**Decision:** The document was **agreed**.

#### 16.2.12 V2XAPP

24.486 not sufficiently stable

**C1-198336 Work plan for the CT1 part of V2XAPP**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198553**.

**C1-198337 Latest reference version of draft TS 24.486**

*Type: draft TS For: (not specified)  
 24.486 v0.2.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **noted**.

**C1-198364 V2X UE registration procedure**

*Type: pCR For: Agreement  
 24.486 v0.2.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198624**.

**C1-198624 V2X UE registration procedure**

*Type: pCR For: Agreement  
 24.486 v0.2.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198364)

**Decision:** The document was **agreed**.

**C1-198365 V2X UE de-registration procedure**

*Type: pCR For: Agreement  
 24.486 v0.2.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198550**.

**C1-198550 V2X UE de-registration procedure**

*Type: pCR For: Agreement  
 24.486 v0.2.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198365)

**Decision:** The document was **agreed**.

**C1-198553 Work plan for the CT1 part of V2XAPP**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198336)

**Decision:** The document was **noted**.

#### 16.2.13 eV2XARC

24.587 for information

24.588 information

**C1-198126 Encoding of direct link establishment messages and parameters**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: OPPO / Rae*

**Decision:** The document was **revised to C1-198625**.

**C1-198625 Encoding of direct link establishment messages and parameters**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: OPPO / Rae*

(Replaces C1-198126)

**Decision:** The document was **revised to C1-198823**.

**C1-198823 Encoding of direct link establishment messages and parameters**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: OPPO / Rae*

(Replaces C1-198625)

**Decision:** The document was **agreed**.

**C1-198164 Completion of UE-requested V2X policy provisioning procedure**

*Type: pCR For: (not specified)  
 24.587 v0.3.0  
 Source: Ericsson / Ivo*

**Decision:** The document was **revised to C1-198627**.

**C1-198627 Completion of UE-requested V2X policy provisioning procedure**

*Type: pCR For: -  
 24.587 v0.3.0  
 Source: Ericsson / Ivo*

(Replaces C1-198164)

**Decision:** The document was **revised to C1-198821**.

**C1-198821 Completion of UE-requested V2X policy provisioning procedure**

*Type: pCR For: -  
 24.587 v0.3.0  
 Source: Ericsson / Ivo*

(Replaces C1-198627)

**Decision:** The document was **agreed**.

**C1-198165 UPDS updates enabling UE-requested V2X policy provisioning procedure**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1692 Cat: B (Rel-16)  
  
 Source: Ericsson / Ivo*

**Decision:** The document was **revised to C1-198628**.

**C1-198628 UPDS updates enabling UE-requested V2X policy provisioning procedure**

*Type: CR For: -  
 24.501 v16.2.0 CR-1692 rev 1 Cat: B (Rel-16)  
  
 Source: Ericsson / Ivo*

(Replaces C1-198165)

**Decision:** The document was **agreed**.

**C1-198209 5QI 86 introduction**

*Type: CR For: (not specified)  
 24.501 v16.2.0 CR-1697 Cat: B (Rel-16)  
  
 Source: Ericsson / Ivo*

**Decision:** The document was **revised to C1-198629**.

**C1-198629 5QI 86 introduction**

*Type: CR For: -  
 24.501 v16.2.0 CR-1697 rev 1 Cat: B (Rel-16)  
  
 Source: Ericsson, vivo, OPPO*

(Replaces C1-198209)

**Decision:** The document was **agreed**.

**C1-198344 Work plan for the CT1 part of eV2XARC**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198552**.

**C1-198345 Latest reference version of draft TS 24.587**

*Type: draft TS For: (not specified)  
 24.587 v0.3.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198630**.

**C1-198630 Latest reference version of draft TS 24.587**

*Type: draft TS For: -  
 24.587 v0.3.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198345)

**Decision:** The document was **noted**.

**C1-198346 Resolution of the editor's note on precedence of V2X configuration parameters**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **postponed**.

**C1-198358 Resolution of editor's note on V2X communication over Uu**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **agreed**.

**C1-198375 Adding new 5QI**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1726 Cat: F (Rel-16)  
  
 Source: vivo*

**Discussion:**

Merged into C1-198629.

**Decision:** The document was **merged**.

**C1-198376 Handling of PC5 unicast link establishment procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

**Decision:** The document was **revised to C1-198632**.

**C1-198632 Handling of PC5 unicast link establishment procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo, OPPO*

(Replaces C1-198376)

**Decision:** The document was **agreed**.

**C1-198377 Handling of PC5 unicast link modification procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

**Decision:** The document was **revised to C1-198633**.

**C1-198633 Handling of PC5 unicast link modification procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

(Replaces C1-198377)

**Decision:** The document was **revised to C1-198817**.

**C1-198817 Handling of PC5 unicast link modification procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

(Replaces C1-198633)

**Decision:** The document was **agreed**.

**C1-198378 PC5 unicast link identifier update procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

**Decision:** The document was **postponed**.

**C1-198379 PC5 unicast link release procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

**Decision:** The document was **revised to C1-198634**.

**C1-198634 PC5 unicast link release procedure**

*Type: pCR For: Approval  
 24.587 v0.3.0  
 Source: vivo*

(Replaces C1-198379)

**Decision:** The document was **agreed**.

**C1-198404 Precedence order between V2X configuration parameters**

*Type: pCR For: (not specified)  
 24.587 v0.3.0  
 Source: LG Electronics, Ericsson, ZTE / SangMin*

**Abstract:**

Related to the incoming LS in C1-198063

**Decision:** The document was **postponed**.

**C1-198458 Access control for UE triggered V2X policy provisioning procedure**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1753 Cat: C (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C1-198635**.

**C1-198635 Access control for UE triggered V2X policy provisioning procedure**

*Type: CR For: Agreement  
 24.501 v16.2.0 CR-1753 rev 1 Cat: C (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei, HiSilicon*

(Replaces C1-198458)

**Decision:** The document was **agreed**.

**C1-198463 Latest reference version of draft TS 24.588**

*Type: draft TS For: Information  
 24.588 v0.3.0  
 Source: LG Electronics / SangMin*

**Decision:** The document was **noted**.

**C1-198475 Expiration time of configuration parameters for V2X communication**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198636**.

**C1-198636 Expiration time of configuration parameters for V2X communication**

*Type: pCR For: Agreement  
 24.587 v0.3.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198475)

**Decision:** The document was **agreed**.

**C1-198552 Work plan for the CT1 part of eV2XARC**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198344)

**Decision:** The document was **noted**.

#### 16.2.14 RACS (CT4 lead)

**C1-198287 RACS CT work plan**

*Type: discussion For: Information  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **noted**.

#### 16.2.15 5G\_SRVCC (CT4 lead)

**C1-198012 Introduce support for 5G SRVCC support indication when registering with EPS**

*Type: CR For: Agreement  
 24.301 v16.2.0 CR-3290 Cat: B (Rel-16)  
  
 Source: BlackBerry UK Ltd.*

**Discussion:**

Presented by John-Luc Bakker (BlackBerry) who commented that the corresponding CT4 CR had been postponed.

Lena Chaponnière (Qualcomm) agreed that there is a problem to be solved, but she didnt think that this was the best way forward: existing bits could be re-used instead.

**Decision:** The document was **postponed**.

**C1-198083 AT Command for 5G-SRVCC**

*Type: CR For: Agreement  
 27.007 v16.2.0 CR-0680 Cat: B (Rel-16)  
  
 Source: ZTE, China Unicom*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **agreed**.

**C1-198306 Further introduce support for 5G-SRVCC**

*Type: CR For: Agreement  
 24.237 v16.2.0 CR-1296 Cat: B (Rel-16)  
  
 Source: BlackBerry UK Limited*

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

**Decision:** The document was **revised to C1-198933**.

**C1-198933 Further introduce support for 5G-SRVCC**

*Type: CR For: Agreement  
 24.237 v16.2.0 CR-1296 rev 1 Cat: B (Rel-16)  
  
 Source: BlackBerry UK Limited*

(Replaces C1-198306)

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

**Decision:** The document was **agreed**.

#### 16.2.16 xBDT (CT3 lead)

#### 16.2.17 CT aspects of support for integrated access and backhaul (IAB)

**C1-198288 IABARC CT work plan**

*Type: discussion For: Information  
 Source: Qualcomm Incorporated / Lena*

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **noted**.

#### 16.2.18 5GS Enhanced support of OTA mechanism for UICC configuration parameter update

#### 16.2.19 CT aspects of CT Aspects of 5G URLLC

#### 16.2.20 CT aspects of Service Enabler Architecture Layer for Verticals

24.544 info

24.545 not suff stable

24.546 info

24.547 info

24.548 not sufficiently stable

**C1-198184 Latest reference version of draft TS 24.547**

*Type: draft TS For: Information  
 24.547 v0.1.0  
 Source: Intel / Vivek*

**Decision:** The document was **noted**.

**C1-198185 Client User Authentication Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

**Decision:** The document was **revised to C1-198600**.

**C1-198600 Client User Authentication Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

(Replaces C1-198185)

**Decision:** The document was **agreed**.

**C1-198186 Server User Authentication Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

**Decision:** The document was **revised to C1-198601**.

**C1-198601 Server User Authentication Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

(Replaces C1-198186)

**Decision:** The document was **agreed**.

**C1-198187 Client Token Exchange Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

**Decision:** The document was **revised to C1-198602**.

**C1-198602 Client Token Exchange Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

(Replaces C1-198187)

**Decision:** The document was **agreed**.

**C1-198188 Server Token Exchange Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

**Decision:** The document was **revised to C1-198603**.

**C1-198603 Server Token Exchange Procedure**

*Type: pCR For: Agreement  
 24.547 v0.1.0  
 Source: Intel / Vivek*

(Replaces C1-198188)

**Decision:** The document was **agreed**.

**C1-198323 Latest reference version of draft TS 24.545**

*Type: draft TS For: (not specified)  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **noted**.

**C1-198324 Latest reference version of draft TS 24.548**

*Type: draft TS For: (not specified)  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **noted**.

**C1-198325 Introduction of new clause 7 on Coding for TS 24.545**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198604**.

**C1-198604 Introduction of new clause 7 on Coding for TS 24.545**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198325)

**Discussion:**

number hijacked

**Decision:** The document was **revised to C1-198818**.

**C1-198818 Introduction of new clause 7 on Coding for TS 24.545**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198604)

**Decision:** The document was **agreed**.

**C1-198326 Event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198605**.

**C1-198605 Event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198326)

**Decision:** The document was **agreed**.

**C1-198327 Structure and data semantics for event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198606**.

**C1-198606 Structure and data semantics for event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198327)

**Decision:** The document was **agreed**.

**C1-198328 Client-triggered or VAL server-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198607**.

**C1-198607 Client-triggered or VAL server-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198328)

**Decision:** The document was **agreed**.

**C1-198329 Structure and data semantics for client-triggered or VAL server-triggered location reporting for event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198608**.

**C1-198608 Structure and data semantics for client-triggered or VAL server-triggered location reporting for event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198329)

**Decision:** The document was **revised to C1-198820**.

**C1-198820 Structure and data semantics for client-triggered or VAL server-triggered location reporting for event-triggered location reporting procedure**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198608)

**Decision:** The document was **agreed**.

**C1-198330 User authentication for location management procedures**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198609**.

**C1-198609 User authentication for location management procedures**

*Type: pCR For: Agreement  
 24.545 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198330)

**Decision:** The document was **agreed**.

**C1-198331 Introduction of new clause 7 on Coding for TS 24.548**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198610**.

**C1-198610 Introduction of new clause 7 on Coding for TS 24.548**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198331)

**Decision:** The document was **agreed**.

**C1-198332 User authentication for network resource management procedures**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198611**.

**C1-198611 User authentication for network resource management procedures**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198332)

**Decision:** The document was **agreed**.

**C1-198333 Request for unicast resource at VAL service communication establishment procedure**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198612**.

**C1-198612 Request for unicast resource at VAL service communication establishment procedure**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198333)

**Decision:** The document was **agreed**.

**C1-198334 Structure and data semantics for request for unicast resource at VAL service communication establishment procedure**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198614**.

**C1-198614 Structure and data semantics for request for unicast resource at VAL service communication establishment procedure**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198334)

**Decision:** The document was **revised to C1-198819**.

**C1-198819 Structure and data semantics for request for unicast resource at VAL service communication establishment procedure**

*Type: pCR For: Agreement  
 24.548 v0.1.0  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198614)

**Decision:** The document was **agreed**.

**C1-198392 Work plan for the CT1 part of SEAL**

*Type: discussion For: Discussion  
 Source: Samsung / Sapan*

**Decision:** The document was **noted**.

**C1-198393 Latest reference version of draft TS 24.544**

*Type: draft TS For: Discussion  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **noted**.

**C1-198394 Latest reference version of draft TS 24.546**

*Type: draft TS For: Discussion  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **noted**.

**C1-198395 User authentication clause for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198615**.

**C1-198615 User authentication clause for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198395)

**Decision:** The document was **agreed**.

**C1-198396 Group creation procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198616**.

**C1-198616 Group creation procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198396)

**Decision:** The document was **revised to C1-198811**.

**C1-198811 Group creation procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198616)

**Decision:** The document was **agreed**.

**C1-198397 Group query procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198617**.

**C1-198617 Group query procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198397)

**Decision:** The document was **revised to C1-198812**.

**C1-198812 Group query procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198617)

**Decision:** The document was **agreed**.

**C1-198398 Group update element procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198618**.

**C1-198618 Group update element procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198398)

**Decision:** The document was **revised to C1-198813**.

**C1-198813 Group update element procedure for group management**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198618)

**Decision:** The document was **agreed**.

**C1-198399 Group config management procedures**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198619**.

**C1-198619 Group config management procedures**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198399)

**Decision:** The document was **revised to C1-198814**.

**C1-198814 Group config management procedures**

*Type: pCR For: Agreement  
 24.544 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198619)

**Decision:** The document was **agreed**.

**C1-198400 User authentication clause for configuration management**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198620**.

**C1-198620 User authentication clause for configuration management**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198400)

**Decision:** The document was **agreed**.

**C1-198402 Configuration data fetch procedure**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198621**.

**C1-198621 Configuration data fetch procedure**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198402)

**Decision:** The document was **revised to C1-198815**.

**C1-198815 Configuration data fetch procedure**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198621)

**Decision:** The document was **agreed**.

**C1-198403 Configuration data update procedure**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

**Decision:** The document was **revised to C1-198622**.

**C1-198622 Configuration data update procedure**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198403)

**Decision:** The document was **revised to C1-198816**.

**C1-198816 Configuration data update procedure**

*Type: pCR For: Agreement  
 24.546 v0.1.0  
 Source: Samsung / Sapan*

(Replaces C1-198622)

**Decision:** The document was **agreed**.

#### 16.2.21 Other Rel-16 non-IMS topics

**C1-198107 Correction of handling of GPRS detach procedure in ATTEMPTING-TO-UPDATE**

*Type: CR For: Approval  
 24.008 v16.2.0 CR-3202 Cat: F (Rel-16)  
  
 Source: Intel*

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-198796**.

**C1-198796 Correction of handling of GPRS detach procedure in ATTEMPTING-TO-UPDATE**

*Type: CR For: Approval  
 24.008 v16.2.0 CR-3202 rev 1 Cat: F (Rel-16)  
  
 Source: Intel*

(Replaces C1-198107)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198110 Corrections and enhancements for T3340**

*Type: CR For: Approval  
 24.008 v16.2.0 CR-3203 Cat: F (Rel-16)  
  
 Source: Intel*

**Decision:** The document was **revised to C1-198799**.

**C1-198799 Corrections and enhancements for T3340**

*Type: CR For: Approval  
 24.008 v16.2.0 CR-3203 rev 1 Cat: F (Rel-16)  
  
 Source: Intel*

(Replaces C1-198110)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **agreed**.

**C1-198143 Correcting timer calculation for GPRS MS using EC-GSM-IoT**

*Type: CR For: Agreement  
 24.008 v16.2.0 CR-3204 Cat: F (Rel-16)  
  
 Source: BlackBerry UK Limited*

**Discussion:**

Presented by John-Luc Bakker (BlackBerry)

**Decision:** The document was **agreed**.

**C1-198189 Update OS App Id**

*Type: CR For: Agreement  
 24.250 v16.1.0 CR-0020 rev 1 Cat: F (Rel-16)  
  
 Source: Intel, Qualcomm Incorporated / Vivek*

(Replaces C1-196312)

**Discussion:**

Presented by Vivek Gupta (Intel)

Ericsson and Huawei: CR not needed.

**Decision:** The document was **postponed**.

**C1-198190 Abnormal cases for port number management**

*Type: CR For: Agreement  
 24.250 v16.1.0 CR-0021 Cat: F (Rel-16)  
  
 Source: Intel / Vivek*

**Discussion:**

Presented by Vivek Gupta (Intel)

Ivo Sedlacek (Ericsson): ok in general. He commented that he would suggest some improvements to Vivek offline.

**Decision:** The document was **revised to C1-198942**.

**C1-198942 Abnormal cases for port number management**

*Type: CR For: Agreement  
 24.250 v16.1.0 CR-0021 rev 1 Cat: F (Rel-16)  
  
 Source: Intel / Vivek*

(Replaces C1-198190)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **revised to C1-199020**.

**C1-199020 Abnormal cases for port number management**

*Type: CR For: Agreement  
 24.250 v16.1.0 CR-0021 rev 2 Cat: F (Rel-16)  
  
 Source: Intel / Vivek*

(Replaces C1-198942)

**Decision:** The document was **agreed**.

**C1-198286 CT impacts of support for NR accessing through unlicensed bands (NR-U) in 5GS**

*Type: discussion For: Decision  
 Source: Qualcomm Incorporated / Lena*

**Abstract:**

At RAN2#107, RAN2 sent LS R2-1911533 asking SA2 and CT1 to complete the normative work on subscription-based access restriction, policy and charging functionalities for NR accessing through unlicensed bands (NR-U).

At CT#120, CT1 agreed CR 6390 to TS 24.299 (C1-196806) which added access types “3GPP-NR-U-FDD” and “3GPP-NR-U-TDD” in the P-Access-Network-Info header and Cellular-Network-Info header fields, taking care of the IMS aspects.

At SA2#135, SA2 agreed CR 3547 to TS 23.401 (S2-1910667) which enables subscription-based access restriction and data volume reporting for NR-U used as secondary RAT in EPS, and CR 1847 to TS 23.501 (S2-1910729), which enables access restriction for primary and secondary RAT in 5GS (including, but not limited to, NR-U). A third CR (CR 1845 to TS 23.501) adding a general description of NR-U in 5GS and enabling data volume reporting for NR-U in 5GS was postponed during email agreement but is being resubmitted at SA2#136.

The purpose of the present document is to analyze the CT impacts of the SA2 agreements for 5GS.

**Discussion:**

Presented by Lena Chaponnière (Qualcomm)

**Decision:** The document was **noted**.

**C1-198339 AT Command for CSG Feature Support**

*Type: CR For: Approval  
 27.007 v16.2.0 CR-0663 rev 8 Cat: B (Rel-16)  
  
 Source: Samsung R&D Institute India*

(Replaces C1-196973)

**Discussion:**

not provided on time

revision of a CR agreed in Portoroz

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-199040**.

**C1-199040 AT Command for CSG Feature Support**

*Type: CR For: Approval  
 27.007 v16.2.0 CR-0663 rev 9 Cat: B (Rel-16)  
  
 Source: Samsung R&D Institute India*

(Replaces C1-198339)

**Decision:** The document was **agreed**.

**C1-198342 AT Command for CSG support indication**

*Type: CR For: Approval  
 27.007 v16.2.0 CR-0664 rev 8 Cat: B (Rel-16)  
  
 Source: Samsung R&D Institute India*

(Replaces C1-196974)

**Discussion:**

not provided on time

revision of a CR agreed in Portoroz

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-199041**.

**C1-199041 AT Command for CSG support indication**

*Type: CR For: Approval  
 27.007 v16.2.0 CR-0664 rev 9 Cat: B (Rel-16)  
  
 Source: Samsung R&D Institute India*

(Replaces C1-198342)

**Decision:** The document was **agreed**.

**C1-198360 Handling of parameters stored in the ME memory**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1722 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India/ Kundan*

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-198943**.

**C1-198943 Handling of parameters stored in the ME memory**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1722 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India/ Kundan*

(Replaces C1-198360)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **revised to C1-199057**.

**C1-199057 Handling of parameters stored in the ME memory**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1722 rev 2 Cat: F (Rel-16)  
  
 Source: Samsung R&D Institute India/ Kundan*

(Replaces C1-198943)

**Discussion:**

Presented by Kundan Tiwari (Samsung)

**Decision:** The document was **agreed**.

**C1-198361 Handling of MCS data in various 5GMM states**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1415 rev 5 Cat: F (Rel-16)  
  
 Source: Samsung/Kundan*

(Replaces C1-196542)

**Abstract:**

Handling of MCS data in various 5GMM State.

**Discussion:**

Presented by Kundan Tiwari (Samsung)

wrong rev on cover

No support expressed in CT1. Several companies commented that the change was incorrect.

**Decision:** The document was **revised to C1-198944**.

**C1-198944 Handling of MCS data in various 5GMM states**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1415 rev 6 Cat: F (Rel-16)  
  
 Source: Samsung/Kundan*

(Replaces C1-198361)

**Decision:** The document was **postponed**.

**C1-198415 Correciton of the erroneous maximum length of the Quality of service IE**

*Type: CR For: (not specified)  
 24.008 v16.2.0 CR-3205 Cat: F (Rel-16)  
  
 Source: China Telecom Corporation Ltd.*

**Decision:** The document was **withdrawn**.

**C1-198418 Correciton of the erroneous maximum length of the Quality of service IE**

*Type: CR For: Approval  
 24.008 v16.2.0 CR-3206 Cat: F (Rel-16)  
  
 Source: China Telecom Corporation Ltd,Huawei,HiSilicon*

**Abstract:**

The maximum length of the Quality of service IE has been corrected .

**Decision:** The document was **withdrawn**.

**C1-198419 Correciton of the erroneous maximum length of the Quality of service IE**

*Type: CR For: Approval  
 24.008 v16.2.0 CR-3207 Cat: F (Rel-16)  
  
 Source: China Telecom Corporation Ltd,Huawei,HiSilicon*

**Abstract:**

The maximum length of the Quality of service IE has been corrected .

**Decision:** The document was **agreed**.

**C1-198460 Introduction of ‘Invalid mapped EPS bearer QoS’ 5GSM cause code**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1607 rev 1 Cat: F (Rel-16)  
  
 Source: Apple*

(Replaces C1-196460)

**Abstract:**

New cause code defined which explicitly indicates invalid QoS may be added to the 5GSM cause code table. Example “Invalid Mapped EPS Bearer QoS”.

**Discussion:**

Presented by Vijay Venkataraman (Apple)

**Decision:** The document was **revised to C1-198945**.

**C1-198945 Introduction of ‘Invalid mapped EPS bearer QoS’ 5GSM cause code**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1607 rev 2 Cat: F (Rel-16)  
  
 Source: Apple*

(Replaces C1-198460)

**Decision:** The document was **withdrawn**.

**C1-198461 Allowing Mapped EPS bearer contexts IE to request QoS modification in PDU Session Modification request**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1614 rev 1 Cat: F (Rel-16)  
  
 Source: Apple*

(Replaces C1-196475)

**Abstract:**

It is beneficial for the UE to have an option to modify the unsupported value in Mapped EPS Bearer Context IE instead of requesting SMF to delete the corresponding EBI.

For example, if unsupported values of MBR are sent to the UE as part of Mapped EPS Bea

**Discussion:**

Presented by Vijay Venkataraman (Apple)

**Decision:** The document was **revised to C1-198946**.

**C1-198946 Allowing Mapped EPS bearer contexts IE to request QoS modification in PDU Session Modification request**

*Type: CR For: Approval  
 24.501 v16.2.0 CR-1614 rev 2 Cat: F (Rel-16)  
  
 Source: Apple*

(Replaces C1-198461)

**Decision:** The document was **withdrawn**.

**C1-198474 Message class support**

*Type: CR For: Approval  
 24.011 v15.3.0 CR-0065 Cat: B (Rel-16)  
  
 Source: Apple*

**Abstract:**

New IE is defined which categorizes message classes that is part of the SM-RL protocol. A new procedure is defined for indicating the message class support to the network.

**Discussion:**

Presented by Krisztian Kiss (Apple)

Mikael Wass (Ericsson): ok with the principle. Some aspects are missing so that the end-to-end solution works, e.g.: where will the SMS-C store this information? In the HLR? Also there could be alternative solutions that should be considered. Unless the solution is complete, CT1 cannot proceed with this.

Behrouz Aghili (Interdigital) commented that he's completely against it. He commented that there is a number of technical problems. He wondered why this issue hasn't been identified before, as this spec has been implemented for a lot of years. He also pointed out that one could change the service center on the phone, which would cause a lot of problems.

Osama Lotfallah (Qualcomm) commented that there is a lot of signalling and complexity added by the contribution. He commented that there is nothing related in SA2 spec. UE behaviour is already existing and it's working fine. He commented that Qualcomm was against this.

Andrew Howell (Home Office) commented that he shared the views expressed by the previous speakers. He also raised some concerns about introducing a new feature under TEI.

Lin Shu (Huawei) commented that based on the cover sheet, he didn't see any problem. He commented that he was not aware of any reports from any operator. He commented that SMS had been in service for 20+ years without issues reported from the field. Should anything be done, service requirements should be defined in SA1.

Krisztian Kiss (Apple): on the service requirements, he commented that he believed that it's a protocol issue. He pointed out that stage 2 and 3 are under CT1's responsibility.

**Decision:** The document was **postponed**.

### 16.3 WIs for IMS

#### 16.3.1 MCCI3

24.883 approval

29.379 approval

29.380 approval

29.582 info

**C1-198098 TR 24.883 Scope**

*Type: pCR For: Approval  
 24.883 v1.3.0  
 Source: L3Harris Technologies, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **withdrawn**.

**C1-198101 TS 29.379 EN SIP 501 removal**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **withdrawn**.

**C1-198102 TS 29.379 Non-3GPP message**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **withdrawn**.

**C1-198103 TS 29.379 Server roles**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **withdrawn**.

**C1-198104 TS 29.379 Emergency alert cancel self authorization removal**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **revised to C1-198662**.

**C1-198662 TS 29.379 Emergency alert cancel self authorization removal**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

(Replaces C1-198104)

**Decision:** The document was **agreed**.

**C1-198203 TR 24.883 Scope**

*Type: pCR For: Approval  
 24.883 v1.3.0  
 Source: L3Harris Technologies, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C1-198206 TS 29.379 EN SIP 501 removal**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **revised to C1-198663**.

**C1-198663 TS 29.379 EN SIP 501 removal**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

(Replaces C1-198206)

**Decision:** The document was **agreed**.

**C1-198207 TS 29.379 Non-3GPP message**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **revised to C1-198664**.

**C1-198664 TS 29.379 Non-3GPP message**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

(Replaces C1-198207)

**Decision:** The document was **revised to C1-198824**.

**C1-198824 TS 29.379 Non-3GPP message**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

(Replaces C1-198664)

**Decision:** The document was **revised to C1-198845**.

**C1-198845 TS 29.379 Non-3GPP message**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

(Replaces C1-198824)

**Decision:** The document was **agreed**.

**C1-198208 TS 29.379 Server roles**

*Type: pCR For: Approval  
 29.379 v1.2.0  
 Source: L3Harris Technologies*

**Decision:** The document was **agreed**.

**C1-198238 Alignment of terminology in clauses 10.1.4.5.1 & 10.2.3.1.1 to rest of document**

*Type: pCR For: Agreement  
 29.379 v1.2.0  
 Source: Sepura PLC, Hytera Communications, Corp*

**Abstract:**

terminology describing the speech codec in the identified clauses is aligned to that in the rest of the document

**Decision:** The document was **agreed**.

**C1-198514 pCR 12.2.2 editorial correction of behaviour towards LMR users**

*Type: pCR For: Agreement  
 29.582 v0.1.0  
 Source: Sepura PLC, Hytera Communications, Corp*

**Abstract:**

C1-196975, agreed at CT1#120 had one phrase describing behaviour towards LMR users which, whilst correct, is out of scope of the document. This is removed

**Decision:** The document was **agreed**.

#### 16.3.2 MCProtoc16

**C1-198038 Correct MCVideo location schema**

*Type: CR For: Approval  
 24.281 v16.1.0 CR-0087 Cat: F (Rel-16)  
  
 Source: AT&T*

**Decision:** The document was **revised to C1-198682**.

**C1-198682 Correct MCVideo location schema**

*Type: CR For: Approval  
 24.281 v16.1.0 CR-0087 rev 1 Cat: F (Rel-16)  
  
 Source: AT&T*

(Replaces C1-198038)

**Decision:** The document was **agreed**.

**C1-198039 Correct MCData location schema**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0096 Cat: F (Rel-16)  
  
 Source: AT&T*

**Decision:** The document was **revised to C1-198683**.

**C1-198683 Correct MCData location schema**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0096 rev 1 Cat: F (Rel-16)  
  
 Source: AT&T*

(Replaces C1-198039)

**Decision:** The document was **agreed**.

**C1-198040 Remove references to 3rd party registration for location reporting**

*Type: CR For: Approval  
 24.281 v16.1.0 CR-0088 Cat: F (Rel-16)  
  
 Source: AT&T*

**Decision:** The document was **agreed**.

**C1-198041 Remove references to 3rd party registration for location reporting**

*Type: CR For: Approval  
 24.379 v16.2.0 CR-0503 Cat: F (Rel-16)  
  
 Source: AT&T*

**Decision:** The document was **agreed**.

**C1-198042 XML schema correction**

*Type: CR For: Approval  
 24.484 v16.3.0 CR-0127 Cat: F (Rel-16)  
  
 Source: AT&T*

**Decision:** The document was **withdrawn**.

**C1-198099 TS 24.484 Fix init config xsd file**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0128 Cat: F (Rel-16)  
  
 Source: L3Harris Technologies*

**Decision:** The document was **withdrawn**.

**C1-198100 TS 24.484 Fix MCVideo and MCData xsd and file**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0129 Cat: F (Rel-16)  
  
 Source: L3Harris Technologies*

**Decision:** The document was **withdrawn**.

**C1-198204 TS 24.484 Fix init config xsd file**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0130 Cat: F (Rel-16)  
  
 Source: L3Harris Technologies*

**Decision:** The document was **revised to C1-198684**.

**C1-198684 TS 24.484 Fix init config xsd file**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0130 rev 1 Cat: F (Rel-16)  
  
 Source: L3Harris Technologies*

(Replaces C1-198204)

**Decision:** The document was **agreed**.

**C1-198205 TS 24.484 Fix MCVideo and MCData xsd and file**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0131 Cat: F (Rel-16)  
  
 Source: L3Harris Technologies*

**Decision:** The document was **postponed**.

**C1-198282 Editorial corrections**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0538 Cat: D (Rel-16)  
  
 Source: FirstNet / Mike*

**Decision:** The document was **revised to C1-198686**.

**C1-198686 Editorial corrections**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0538 rev 1 Cat: D (Rel-16)  
  
 Source: FirstNet / Mike*

(Replaces C1-198282)

**Decision:** The document was **agreed**.

#### 16.3.3 MuD

24.174 not sufficiently stable

24.xyz info

**C1-198170 Additional-Identity header in REFER request**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6397 Cat: B (Rel-16)  
  
 Source: Ericsson / Nevenka*

**Decision:** The document was **agreed**.

**C1-198201 Service interaction correction TIP/TIR**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198202 Adding interactions with "Multi-Device" and "Multi-Identity" services**

*Type: CR For: (not specified)  
 24.608 v15.0.0 CR-0030 Cat: B (Rel-16)  
  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198313 Skeleton of 24.abc**

*Type: discussion For: (not specified)  
 Source: Ericsson Jörgen*

**Decision:** The document was **revised to C1-198670**.

**C1-198670 Skeleton of 24.abc**

*Type: discussion For: -  
 Source: Ericsson Jörgen*

(Replaces C1-198313)

**Decision:** The document was **revised to C1-198834**.

**C1-198834 Skeleton of 24.abc**

*Type: discussion For: -  
 Source: Ericsson Jörgen*

(Replaces C1-198670)

**Decision:** The document was **agreed**.

**C1-198315 Scope clause for 24.abc**

*Type: discussion For: (not specified)  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198316 Clause 4: MuD and MiD MO**

*Type: discussion For: (not specified)  
 Source: Ericsson /Jörgen*

**Decision:** The document was **revised to C1-198833**.

**C1-198833 Clause 4: MuD and MiD MO**

*Type: discussion For: -  
 Source: Ericsson /Jörgen*

(Replaces C1-198316)

**Decision:** The document was **agreed**.

**C1-198317 Clause 5 in 24.abc**

*Type: discussion For: (not specified)  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198318 DDF for 24.abc**

*Type: discussion For: (not specified)  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198348 Configuration schema addition**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198355 Call log synchronization procedures**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Ericsson /Jörgen*

**Decision:** The document was **revised to C1-198671**.

**C1-198671 Call log synchronization procedures**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Ericsson, ORANGE*

(Replaces C1-198355)

**Decision:** The document was **agreed**.

**C1-198477 UE learning the non-registered identities**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Ericsson /Jörgen*

**Decision:** The document was **revised to C1-198672**.

**C1-198672 UE learning the non-registered identities**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Ericsson, ORANGE*

(Replaces C1-198477)

**Decision:** The document was **agreed**.

**C1-198499 Annex C removal from 24.174**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

**Decision:** The document was **agreed**.

**C1-198504 Clarification on Management Object for Multi-Identity**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

**Decision:** The document was **revised to C1-198674**.

**C1-198674 Clarification on Management Object for Multi-Identity**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

(Replaces C1-198504)

**Decision:** The document was **agreed**.

**C1-198505 PAI in case of External Alternative Identity**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

**Decision:** The document was **revised to C1-198675**.

**C1-198675 PAI in case of External Alternative Identity**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

(Replaces C1-198505)

**Decision:** The document was **revised to C1-198842**.

**C1-198842 PAI in case of External Alternative Identity**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

(Replaces C1-198675)

**Decision:** The document was **agreed**.

**C1-198510 Removal of Editors Note on Privacy header field**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

**Decision:** The document was **agreed**.

**C1-198513 Signalling requirements corrections**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

**Decision:** The document was **revised to C1-198673**.

**C1-198673 Signalling requirements corrections**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Orange / Mariusz*

(Replaces C1-198513)

**Decision:** The document was **agreed**.

**C1-198519 Title change, clause 4.8.2**

*Type: pCR For: (not specified)  
 24.174 v1.1.0  
 Source: Ericsson /Jörgen*

**Decision:** The document was **revised to C1-198676**.

**C1-198676 Title change, clause 4.8.2**

*Type: pCR For: -  
 24.174 v1.1.0  
 Source: Ericsson /Jörgen*

(Replaces C1-198519)

**Decision:** The document was **agreed**.

#### 16.3.4 IMSProtoc16

**C1-198284 Enabling NR-U access-type reporting in P-Access-Network-Info header and Cellular-Network-Info header field**

*Type: CR For: (not specified)  
 24.229 v16.3.0 CR-6390 rev 2 Cat: B (Rel-16)  
  
 Source: Qualcomm UK Ltd*

(Replaces C1-196806)

**Discussion:**

revision of a CR agreed in Portoroz

**Decision:** The document was **agreed**.

**C1-198380 Addition of the INVITE without SDP usecase in forked response handling**

*Type: CR For: Decision  
 24.229 v16.3.0 CR-6401 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In 24.229, the section “Special requirements applying to forked responses “ assumes that the INVITE is sent with SDP and the forked response will contain the answer SDP. However there is also a scenario in which the initial INVITE could be without SDP and

**Decision:** The document was **revised to C1-198556**.

**C1-198556 Addition of the INVITE without SDP usecase in forked response handling**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6401 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198380)

**Abstract:**

In 24.229, the section “Special requirements applying to forked responses “ assumes that the INVITE is sent with SDP and the forked response will contain the answer SDP. However there is also a scenario in which the initial INVITE could be without SDP and

**Decision:** The document was **revised to C1-198677**.

**C1-198677 Addition of the INVITE without SDP usecase in forked response handling**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6401 rev 2 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198556)

**Decision:** The document was **postponed**.

#### 16.3.5 MCSMI\_CT

#### 16.3.6 eMCData2

**C1-198035 Add off-network emergency alert to MCData**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0095 Cat: B (Rel-16)  
  
 Source: AT&T*

**Decision:** The document was **revised to C1-198650**.

**C1-198650 Add off-network emergency alert to MCData**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0095 rev 1 Cat: B (Rel-16)  
  
 Source: AT&T*

(Replaces C1-198035)

**Decision:** The document was **revised to C1-198825**.

**C1-198825 Add off-network emergency alert to MCData**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0095 rev 2 Cat: B (Rel-16)  
  
 Source: AT&T*

(Replaces C1-198650)

**Decision:** The document was **revised to C1-198858**.

**C1-198858 Add off-network emergency alert to MCData**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0095 rev 3 Cat: B (Rel-16)  
  
 Source: AT&T*

(Replaces C1-198825)

**Decision:** The document was **agreed**.

**C1-198283 Addition of Location information to SDS**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0097 Cat: C (Rel-16)  
  
 Source: HOME OFFICE*

**Abstract:**

Addition of Location Information as an optional parameter as part of the SDS to align with updates made to Stage 2 (CR 0174r2 to TS 23.282).

**Decision:** The document was **revised to C1-198652**.

**C1-198652 Addition of Location information to SDS**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0097 rev 1 Cat: C (Rel-16)  
  
 Source: HOME OFFICE*

(Replaces C1-198283)

**Decision:** The document was **revised to C1-198828**.

**C1-198828 Addition of Location information to SDS**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0097 rev 2 Cat: C (Rel-16)  
  
 Source: HOME OFFICE*

(Replaces C1-198652)

**Decision:** The document was **revised to C1-198855**.

**C1-198855 Addition of Location information to SDS**

*Type: CR For: Approval  
 24.282 v16.1.0 CR-0097 rev 3 Cat: C (Rel-16)  
  
 Source: HOME OFFICE*

(Replaces C1-198828)

**Decision:** The document was **agreed**.

**C1-198341 Proposed approach for Stage 3 MCData SDS media plane delivery over MBMS**

*Type: discussion For: Decision  
 Source: AT&T*

**Decision:** The document was **noted**.

**C1-198414 Adding clause for media plane procedures for pre-established session for MCData**

*Type: CR For: Agreement  
 24.582 v15.0.0 CR-0010 rev 1 Cat: B (Rel-16)  
  
 Source: Samsung Electronics, Motorola Solutions*

(Replaces C1-196800)

**Decision:** The document was **revised to C1-198651**.

**C1-198651 Adding clause for media plane procedures for pre-established session for MCData**

*Type: CR For: Agreement  
 24.582 v15.0.0 CR-0010 rev 2 Cat: B (Rel-16)  
  
 Source: Samsung Electronics, Motorola Solutions*

(Replaces C1-198414)

**Discussion:**

doc hijacked

**Decision:** The document was **revised to C1-198802**.

**C1-198802 Adding clause for media plane procedures for pre-established session for MCData**

*Type: CR For: Agreement  
 24.582 v15.0.0 CR-0010 rev 3 Cat: B (Rel-16)  
  
 Source: Samsung Electronics, Motorola Solutions*

(Replaces C1-198651)

**Decision:** The document was **agreed**.

**C1-198540 File distribution over MBMS - Discussion**

*Type: discussion For: Discussion  
 Source: ENENSYS*

**Abstract:**

Update of the discussion paper from Portoroz

**Decision:** The document was **noted**.

**C1-198542 File distribution over MBMS - signalling control**

*Type: CR For: Agreement  
 24.282 v16.1.0 CR-0093 rev 1 Cat: B (Rel-16)  
  
 Source: ENENSYS*

(Replaces C1-196508)

**Abstract:**

CR to allow the use of MBMS for file distribution, following CR #0150 of TS 23.282

**Decision:** The document was **postponed**.

**C1-198548 Adding MCData-7 information for server-side**

*Type: CR For: Agreement  
 24.282 v16.1.0 CR-0098 Cat: B (Rel-16)  
  
 Source: AT&T GNS Belgium SPRL*

**Decision:** The document was **revised to C1-198685**.

**C1-198685 Adding MCData-7 information for server-side**

*Type: CR For: Agreement  
 24.282 v16.1.0 CR-0098 rev 1 Cat: B (Rel-16)  
  
 Source: AT&T GNS Belgium SPRL*

(Replaces C1-198548)

**Decision:** The document was **postponed**.

#### 16.3.7 E2E\_DELAY (CT4)

#### 16.3.8 VBCLTE (CT3 lead)

#### 16.3.9 ISAT-MO-WITHDRAW

#### 16.3.10 MONASTERY2

**C1-198480 Discussion paper on IP connectivity**

*Type: discussion For: Discussion  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell, UIC*

**Decision:** The document was **noted**.

**C1-198487 Automatic client triggered affiliation or deaffiliation based on certain criteria**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0539 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

**Decision:** The document was **withdrawn**.

**C1-198518 Implicit activation and deactivation of functional alias(es)**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0540 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

**Decision:** The document was **revised to C1-198653**.

**C1-198653 Implicit activation and deactivation of functional alias(es)**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0540 rev 1 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

(Replaces C1-198518)

**Decision:** The document was **revised to C1-198801**.

**C1-198801 Implicit activation and deactivation of functional alias(es)**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0540 rev 2 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

(Replaces C1-198653)

**Decision:** The document was **agreed**.

**C1-198520 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0541 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C1-198654**.

**C1-198654 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0541 rev 1 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

(Replaces C1-198520)

**Decision:** The document was **revised to C1-198803**.

**C1-198803 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0541 rev 2 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

(Replaces C1-198654)

**Decision:** The document was **postponed**.

**C1-198521 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0132 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C1-198655**.

**C1-198655 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0132 rev 1 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

(Replaces C1-198521)

**Decision:** The document was **revised to C1-198846**.

**C1-198846 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.484 v16.3.0 CR-0132 rev 2 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

(Replaces C1-198655)

**Decision:** The document was **postponed**.

**C1-198522 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.483 v16.1.0 CR-0064 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C1-198657**.

**C1-198657 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.483 v16.1.0 CR-0064 rev 1 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

(Replaces C1-198522)

**Decision:** The document was **revised to C1-198847**.

**C1-198847 Automatic group affiliation and deaffiliation based on location or functional alias**

*Type: CR For: Agreement  
 24.483 v16.1.0 CR-0064 rev 2 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell*

(Replaces C1-198657)

**Decision:** The document was **postponed**.

**C1-198524 Provide list of MCPTT group members who did not ack the group call req**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0486 rev 4 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

(Replaces C1-196872)

**Decision:** The document was **revised to C1-198658**.

**C1-198658 Provide list of MCPTT group members who did not ack the group call req**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0486 rev 5 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

(Replaces C1-198524)

**Decision:** The document was **revised to C1-198843**.

**C1-198843 Provide list of MCPTT group members who did not ack the group call req**

*Type: CR For: Agreement  
 24.379 v16.2.0 CR-0486 rev 6 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

(Replaces C1-198658)

**Decision:** The document was **agreed**.

**C1-198530 Work plan for the CT1 part of MONASTERY2**

*Type: discussion For: (not specified)  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **noted**.

**C1-198531 Update service configuration to support communication priority for functional aliases**

*Type: CR For: (not specified)  
 24.484 v16.3.0 CR-0133 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation*

**Decision:** The document was **revised to C1-198659**.

**C1-198659 Update service configuration to support communication priority for functional aliases**

*Type: CR For: -  
 24.484 v16.3.0 CR-0133 rev 1 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation*

(Replaces C1-198531)

**Decision:** The document was **agreed**.

**C1-198532 Additional commencement modes for group calls**

*Type: CR For: (not specified)  
 24.379 v16.2.0 CR-0542 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation*

**Decision:** The document was **revised to C1-198660**.

**C1-198660 Additional commencement modes for group calls**

*Type: CR For: -  
 24.379 v16.2.0 CR-0542 rev 1 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation*

(Replaces C1-198532)

**Decision:** The document was **agreed**.

**C1-198533 Update group document to support additional commencement modes for group calls**

*Type: CR For: (not specified)  
 24.481 v16.0.0 CR-0039 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation*

**Decision:** The document was **revised to C1-198661**.

**C1-198661 Update group document to support additional commencement modes for group calls**

*Type: CR For: -  
 24.481 v16.0.0 CR-0039 rev 1 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation*

(Replaces C1-198533)

**Decision:** The document was **agreed**.

**C1-198656 Automatic activation and deactivation of functional aliases based on location**

*Type: CR For: (not specified)  
 24.484 v16.3.0 CR-0126 rev 2 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C1-196816)

**Discussion:**

revision of a CR agreed in Portoroz

**Decision:** The document was **agreed**.

**C1-198699 List of MCPTT group members who did not ack the group call req**

*Type: CR For: (not specified)  
 24.483 v16.1.0 CR-0065 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

**Decision:** The document was **agreed**.

**C1-198800 List of MCPTT group members who did not ack the group call req**

*Type: CR For: (not specified)  
 24.484 v16.3.0 CR-0134 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

**Decision:** The document was **revised to C1-198844**.

**C1-198844 List of MCPTT group members who did not ack the group call req**

*Type: CR For: -  
 24.484 v16.3.0 CR-0134 rev 1 Cat: B (Rel-16)  
  
 Source: Kapsch CarrierCom France S.A.S*

(Replaces C1-198800)

**Decision:** The document was **agreed**.

#### 16.3.11 eIMS5G\_SBA

**C1-198027 Service Based Architecture in IMS**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6384 rev 2 Cat: B (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C1-196802)

**Decision:** The document was **agreed**.

#### 16.3.12 Other Rel-16 IMS & MC issues

**C1-198351 Editorial correction of E-UTRAN**

*Type: CR For: (not specified)  
 24.229 v16.3.0 CR-6400 Cat: D (Rel-16)  
  
 Source: Ericsson /Jörgen*

**Decision:** The document was **agreed**.

**C1-198382 Adding UE handling when 200 OK for register doesn’t have P-Associated-URI**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6402 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In 24.229, section 5.1.1 covers handling of the P-Associated-URI header handling when UE receive 200 OK response for its register request.

However the spec do not cover the scenario about what UE should do if P-Associated-URI is not present in 200 OK?

**Decision:** The document was **revised to C1-198678**.

**C1-198678 Adding UE handling when 200 OK for register doesn’t have P-Associated-URI**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6402 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198382)

**Decision:** The document was **revised to C1-198859**.

**C1-198859 Adding UE handling when 200 OK for register doesn’t have P-Associated-URI**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6402 rev 2 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198678)

**Decision:** The document was **withdrawn**.

**C1-198383 Adding UE handling when 200 OK for register doesn’t have P-Associated-URI**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6403 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In 24.229, section 5.1.1 covers handling of the P-Associated-URI header handling when UE receive 200 OK response for its register request.

However the spec do not cover the scenario about what UE should do if P-Associated-URI is not present in 200 OK?

**Decision:** The document was **withdrawn**.

**C1-198384 Correction in IMS\_Registration\_handling policy about how UE should deregister**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6404 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In 24.229, section B.3.1.0a the handling for the IMS\_Registration\_handling is mentioned.

This section specifies that if IMSVoPS indicator shows that voice is not supported, the UE should deregister from IMS. This is not correct because IMSVoPS indication

**Decision:** The document was **revised to C1-198679**.

**C1-198679 Correction in IMS\_Registration\_handling policy about how UE should deregister**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6404 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198384)

**Decision:** The document was **revised to C1-198860**.

**C1-198860 Correction in IMS\_Registration\_handling policy about how UE should deregister**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6404 rev 2 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198679)

**Discussion:**

file is corrupted

**Decision:** The document was **revised to C1-199028**.

**C1-199028 Correction in IMS\_Registration\_handling policy about how UE should deregister**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6404 rev 3 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198860)

**Discussion:**

Upendra Praturi (Qualcomm): CR is not backwards compatible

**Decision:** The document was **postponed**.

**C1-198385 Correction in IMS\_Registration\_handling policy about how UE should deregister**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6405 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In 24.229, section B.3.1.0a the handling for the IMS\_Registration\_handling is mentioned.

This section specifies that if IMSVoPS indicator shows that voice is not supported, the UE should deregister from IMS. This is not correct because IMSVoPS indication

**Decision:** The document was **withdrawn**.

**C1-198401 Enhancemets related to how UE should handle conference subscription failure**

*Type: CR For: Agreement  
 24.147 v15.0.0 CR-0134 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In the section 5.3.1.2 added the UE action when indialog conference event SUBSCRIPTION also fails. In this case, the UE should ignore this failure and continue the conference call to ensure no bad user experience

**Decision:** The document was **revised to C1-198680**.

**C1-198680 Enhancemets related to how UE should handle conference subscription failure**

*Type: CR For: Agreement  
 24.147 v15.0.0 CR-0134 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198401)

**Decision:** The document was **agreed**.

**C1-198457 Location conveyance in Emergency SMS**

*Type: CR For: Approval  
 24.229 v16.3.0 CR-6406 Cat: F (Rel-16)  
  
 Source: Apple*

**Abstract:**

1. If the UE has its location information available, follow the same procedures to include location information in the MESSAGE request as for Emergency session setup (described in clause 5.1.6.8).

2. Use content transfer encoding of type "base64" based on

**Decision:** The document was **not pursued**.

**C1-198541 Enhancement in emergency call location sharing flow to make it reliable**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6407 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

**Abstract:**

In the section 4.7.5 the location sharing method is included to carry it as part of SIP signalling (INVITE/18X) to ensure that UE receive it reliably.

**Decision:** The document was **revised to C1-198681**.

**C1-198681 Enhancement in emergency call location sharing flow to make it reliable**

*Type: CR For: Agreement  
 24.229 v16.3.0 CR-6407 rev 1 Cat: F (Rel-16)  
  
 Source: MediaTek Inc.*

(Replaces C1-198541)

**Decision:** The document was **postponed**.

## 17 Output liaison statements

**C1-198033 Registry for OS Identities in 3GPP**

*Type: LS out For: Approval  
 to CT  
 Source: InterDigital / Atle*

**Decision:** The document was **withdrawn**.

**C1-198200 LS on enhanced access control for IMS signalling for 5GS**

*Type: LS out For: Approval  
 to SA1, cc RAN2  
 Source: NTT DOCOMO INC.*

(Replaces C1-196766)

**Discussion:**

Presented by Maoki Hikosaka (NTT DOCOMO)

It was suggested to make the LS shorter.

**Decision:** The document was **revised to C1-198935**.

**C1-198935 LS on enhanced access control for IMS signalling**

*Type: LS out For: Approval  
 to SA1, cc RAN2  
 Source: current meeting*

(Replaces C1-198200)

**Discussion:**

Presented by Maoki Hikosaka (NTT DOCOMO)

**Decision:** The document was **revised to C1-199007**.

**C1-199007 LS on enhanced access control for IMS signalling**

*Type: LS out For: Approval  
 to SA1, cc RAN2  
 Source: current meeting*

(Replaces C1-198935)

**Discussion:**

Presented by Maoki Hikosaka (NTT DOCOMO) who commented that there had been no change

**Decision:** The document was **approved**.

**C1-198335 LS on enquiries for supporting vertical applications**

*Type: LS out For: Approval  
 to SA6  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C1-198623**.

**C1-198623 LS on Enquiries for supporting vertical applications**

*Type: LS out For: Approval  
 to SA6  
 Source: Huawei, HiSilicon /Christian*

(Replaces C1-198335)

**Decision:** The document was **approved**.

**C1-198492 Reply LS on assistance indication for WUS**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

Presented by Lin Shu (Huawei)

Mahmoud Watfa (Qualcomm) suggested to make the LS shorter.

**Decision:** The document was **revised to C1-198936**.

**C1-198936 Reply LS on assistance indication for WUS**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198492)

**Discussion:**

Presented by Lin Shu (Huawei)

the text is fine.

**Decision:** The document was **revised to C1-199008**.

**C1-199008 Reply LS on assistance indication for WUS**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3  
 Source: Huawei, HiSilicon/Lin*

(Replaces C1-198936)

**Discussion:**

attachments added

**Decision:** The document was **approved**.

**C1-198493 LS on GUTI allocation for MT-EDT in 5G CIoT**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3, cc SA3, CT4  
 Source: Huawei, HiSilicon/Lin*

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-198587**.

**C1-198587 LS on GUTI allocation for MT-EDT in 5G CIoT**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3, cc SA3, CT4  
 Source: current meeting*

(Replaces C1-198493)

**Discussion:**

Presented by Lin Shu (Huawei)

Mahmoud Watfa (Qualcomm): 1st sentence of the last paragraph not correct. The reason why the UE gets in 5GMM-CONNECTED is because it is paged.

He commented that all information has been conveyed already. He indicated that he didn't see what new piece of information could be brought to SA2 at this point in time. He pointed out that the topic was being discussed in SA2. There was no need to do anything but wait.

Jennifer Liu (Nokia): The problem is that nobody is aware of that it is mandatory that the GUTI has to be allocated. This is beneficial for SA2. The only input they have is from SA3. They should get input from CT1 too.

Mikael Wass (Ericsson): having forwarded the stage 3 analysis is sufficient. SA2 can resolve the issue by themselves. Lin Shu (Huawei) commented that Mikael attends both CT1 and SA2, however it's not obvious for other SA2 delegates.

The CT1 Chairman: 2 vs 2, no consensus.

Lin Shu (Huawei) commented that the SA3 input doesn't include any protocol impact, as it's outside of their scope. It is important that CT1 convey their view on protocol.

**Decision:** The document was **revised to C1-198782**.

**C1-198782 LS on GUTI allocation for MT-EDT in 5G CIoT**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3, cc SA3, CT4  
 Source: current meeting*

(Replaces C1-198587)

**Discussion:**

Presented by Lin Shu (Huawei)

Mahmoud Watfa (Qualcomm): this LS doesn't bring any new information, especially to SA2. Let them do the work, they know what needs to be known. He commented that this was conveyed in a previous LS.

Lin Shu (Huawei) commented that CT1 should provide input based on SA3 feedback.

Who sees value in sending this LS (with possibly some rewording)? 5 companies

Who thinks it's not needed? 1 company

**Decision:** The document was **revised to C1-199005**.

**C1-199005 LS on GUTI allocation for MT-EDT in 5G CIoT**

*Type: LS out For: Approval  
 to SA2, RAN2, RAN3, cc SA3, CT4  
 Source: current meeting*

(Replaces C1-198782)

**Discussion:**

Presented by Lin Shu (Huawei)

Mahmoud Watfa (Qualcomm): content is fine, but wondered what's the use of having RAN2 and 3 in the To: field. They should be in CC. The topic is not directly in their scope.

Vivek Gupta (Intel); would prefer to have them in to:

Marko Niemi (Mediatek): ditto. Not sure why CT1 would do otherwise.

Mahmoud Watfa (Qualcomm) replied that it's because GUTI reallocation is within SA2's scope, not RAN2/3's.

**Decision:** The document was **approved**.

**C1-198560 Forwarding of Reply LS on GUTI allocation for 5G CIoT**

*Type: LS out For: (not specified)  
 to SA2, cc RAN2, RAN3, CT4, SA3  
 Source: current meeting*

**Discussion:**

Presented by Mahmoud Watfa (Qualcomm)

**Decision:** The document was **approved**.

**C1-198592 Extended NAS timers for Coverage Enhancement in 5GS**

*Type: LS out For: (not specified)  
 to RAN2, cc RAN3  
 Source: current meeting*

**Discussion:**

Presented by Mikael Wass (Ericsson)

**Decision:** The document was **revised to C1-198937**.

**C1-198937 Extended NAS timers for Coverage Enhancement in 5GS**

*Type: LS out For: -  
 to RAN2, cc RAN3, SA2  
 Source: current meeting*

(Replaces C1-198592)

**Discussion:**

Presented by Mikael Wass (Ericsson)

**Decision:** The document was **revised to C1-199034**.

**C1-199034 LS on Extended NAS timers for Coverage Enhancement in 5GS**

*Type: LS out For: -  
 to RAN2, cc RAN3, SA2  
 Source: current meeting*

(Replaces C1-198937)

**Decision:** The document was **approved**.

**C1-198593 LS on support of Control Plane CIoT 5GS Optimisation**

*Type: LS out For: (not specified)  
 to SA2  
 Source: current meeting*

**Discussion:**

Presented by Fei Lu (ZTE)

**Decision:** The document was **approved**.

**C1-198613 LS on Unicast resource management with SIP core**

*Type: LS out For: (not specified)  
 to SA6  
 Source: current meeting*

**Discussion:**

Presented by Christian Herrero (Huawei)

**Decision:** The document was **approved**.

**C1-198626 LS to SA2 on UE policy container in UE POLICY PROVISIONING REQUEST message**

*Type: LS out For: (not specified)  
 to -  
 Source: current meeting*

**Decision:** The document was **withdrawn**.

**C1-198631 Reply LS to SA2 LS C1-198063 (eV2XARC)**

*Type: LS out For: (not specified)  
 to SA2  
 Source: current meeting*

**Decision:** The document was **revised to C1-198822**.

**C1-198822 LS on "set of configuration parameters" in the precedence of the V2X configuration parameters**

*Type: LS out For: -  
 to SA2  
 Source: current meeting*

(Replaces C1-198631)

**Discussion:**

Presented by Christian Herrero (Huawei)

**Decision:** The document was **approved**.

**C1-198748 LS on gPTP message delivery to DS-TT**

*Type: LS out For: (not specified)  
 to SA2  
 Source: current meeting*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **approved**.

**C1-198766 LS on Manual CAG Selection**

*Type: LS out For: (not specified)  
 to SA1, cc SA2  
 Source: current meeting*

**Discussion:**

revised before presentation

**Decision:** The document was **revised to C1-198938**.

**C1-198938 LS on Manual CAG Selection**

*Type: LS out For: -  
 to SA1, cc SA2  
 Source: current meeting*

(Replaces C1-198766)

**Discussion:**

Presented by Vishnu Preman (Huawei)

It was proposed to have all related CRs with a condition to the attached CR.

Ban Al Bakri (NTT DOCOMO) asked to have CT copied in this LS, so that they understand the topic (should they get feedback from SA1).

Sung Hwan Won (Nokia) commented that it may be wise to technically endorse the CRs instead of agreeing them. He wondered why SA2 was CC'd and why there were two contact persons. Vishnu Preman (Huawei) commented that they were involved in manual CAG selection. Would be ok to remove them, if needed.

Atle Monrad (Interdigital): one contact is enough. He commented that all relevant stage 2 should be combined in a single CR. Providing additional CRs on stage 3 in the LS would not help. He suggested to reword the LS so that the approval of CRs at the plenary should not be based on no reply from SA1, but rather if positive feedback from SA1 is received.

Ivo Sedlacek (Ericsson) commented that the CRs should be sent to SA1.

The CT1 Chairman commented that he shared Atle's opinion and that there were two ways forward:

- add an action to CT to indicate the condition for approval / non approval of CRs (based on feedback from SA1)

- technically endorse the CRs

He asked if there were other suggestions.

Ban Al Bakri (NTT DOCOMO) commented that if the CRs are not attached, they should be referenced so that interested parties can have a look at them.

Ivo Sedlacek (Ericsson) commented that SA1 would not have much time to discuss this topic. Sending only one st2 CR would be best. Since all st3 CRs would be dependent on this one, then they would fail if the st2 CR would fail.

Reinhard Lauster (Deutsche Telekom) commented that another way forward could be to make the CRs technically correct, postpone them and wait until SA1 replies.

**Decision:** The document was **revised to C1-198959**.

**C1-198959 LS on Manual CAG Selection**

*Type: LS out For: -  
 to SA1, CT, cc SA2  
 Source: current meeting*

(Replaces C1-198938)

**Discussion:**

Presented by Vishnu Preman (Huawei)

Discussion on whether or not SA2 should be CC'd.

Ban Al Bakri (NTT DOCOMO), Atle Monrad (Interdigital) and Ivo Sedlacek (Ericsson) proposed a rewording about the conditions for not approving the CRs.

Ban Al Bakri (NTT DOCOMO) commented that there is a risk that SA1 does not treat this LS next week, or do not reply. This case should be clearly covered in the CT1 LS.

**Decision:** The document was **revised to C1-199009**.

**C1-199009 LS on Manual CAG Selection**

*Type: LS out For: -  
 to SA1, CT, cc SA2  
 Source: current meeting*

(Replaces C1-198959)

**Discussion:**

Presented by Vishnu Preman (Huawei)

Ban Al Bakri (NTT DOCOMO) commented that the condition is still not clear. It would be needed to say "unless SA1 agrees". Ivo Sedlacek (Ericsson) supported this wording.

**Decision:** The document was **revised to C1-199035**.

**C1-199035 LS on Manual CAG Selection**

*Type: LS out For: -  
 to SA1, CT, cc SA2  
 Source: current meeting*

(Replaces C1-199009)

**Discussion:**

attachment is missing

**Decision:** The document was **revised to C1-199047**.

**C1-199047 LS on Manual CAG Selection**

*Type: LS out For: -  
 to SA1, CT, cc SA2  
 Source: current meeting*

(Replaces C1-199035)

**Decision:** The document was **approved**.

**C1-198917 LS on Dual-registration requirements for EHPLMNs**

*Type: LS out For: (not specified)  
 to SA2, cc SA1  
 Source: current meeting*

**Discussion:**

Presented by Vivek Gupta (Intel)

Lena Chaponnière (Qualcomm) believed that this LS was way too long. She suggested to only include the quote, indicate what CT1 has done, and ask if they're ok with that. If Intel wants to convey more information, they can bring it as a discussion paper to SA2.

Sung Hwan Won (Nokia) also believed that it was too long. There is no need to indicate so much background information.

RV Anikethan (Samsung): ditto.

Vivek Gupta (Intel) commented that the reason why this LS is so long is that even in CT1, he had received clarification requests.

Christian Herrero (Huawei) agreed that it was too long, however he was not ok with cutting as much info as proposed by the others.

**Decision:** The document was **revised to C1-199006**.

**C1-199006 LS on Dual-registration requirements for EHPLMNs**

*Type: LS out For: -  
 to SA2, cc SA1  
 Source: current meeting*

(Replaces C1-198917)

**Discussion:**

Presented by Vivek Gupta (Intel) who commented that the LS had been shortened.

Lena Chaponnière (Qualcomm) still believed it was too long. She believed that the last paragraph should be removed

Sung Hwan Won (Nokia): ditto

Vivek Gupta (Intel) commented that he kept this paragraph upon Christian's request to have text about interoperability.

**Decision:** The document was **revised to C1-199046**.

**C1-199046 LS on Dual-registration requirements for EHPLMNs**

*Type: LS out For: -  
 to SA2, cc SA1  
 Source: current meeting*

(Replaces C1-199006)

**Discussion:**

Presented by Vivek Gupta (Intel)

**Decision:** The document was **approved**.

**C1-198975 LS on congestion during RLOS access**

*Type: LS out For: (not specified)  
 to SA2  
 Source: current meeting*

**Discussion:**

Presented by RV Anikethan (Samsung)

**Decision:** The document was **approved**.

**C1-199003 LS on native 5G NAS security context activation**

*Type: LS out For: (not specified)  
 to SA3  
 Source: current meeting*

**Discussion:**

Presented by Lin Shu (Huawei)

**Decision:** The document was **approved**.

**C1-199048 LS on configured NSSAI handling**

*Type: LS out For: (not specified)  
 to SA2  
 Source: current meeting*

**Discussion:**

Presented by Sung Hwan Won (Nokia)

It was suggested to attach CRs for both UL and DL

**Decision:** The document was **revised to C1-199063**.

**C1-199063 LS on configured NSSAI handling**

*Type: LS out For: -  
 to SA2  
 Source: current meeting*

(Replaces C1-199048)

**Discussion:**

Presented by Sung Hwan Won (Nokia)

**Decision:** The document was **approved**.

**C1-199062 LS on S-NSSAIs subject to authorization and authentication**

*Type: LS out For: (not specified)  
 to SA2  
 Source: current meeting*

**Discussion:**

Presented by Atle Monrad (Interdigital)

**Decision:** The document was **approved**.

## 18 Late and misplaced documents

**C1-198861 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198862 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198863 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198864 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198865 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198866 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198867 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198868 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198869 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198870 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198871 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198872 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198873 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198874 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198875 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198876 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198877 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198878 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198879 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198880 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198881 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198882 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198883 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198884 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198885 (reserved)**

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 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198886 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198887 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198888 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198889 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198890 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198891 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198892 (reserved)**

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**Decision:** The document was **withdrawn**.

**C1-198893 (reserved)**

*Type: other For: discussion  
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**Decision:** The document was **withdrawn**.

**C1-198894 (reserved)**

*Type: other For: discussion  
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**Decision:** The document was **withdrawn**.

**C1-198895 (reserved)**

*Type: other For: discussion  
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**Decision:** The document was **withdrawn**.

**C1-198896 (reserved)**

*Type: other For: discussion  
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**Decision:** The document was **withdrawn**.

**C1-198897 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198898 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

**C1-198899 (reserved)**

*Type: other For: discussion  
 Source: void*

**Decision:** The document was **withdrawn**.

## 19 AOB

**C1-198285 Multi-device and multi-identity enhancements**

*Type: WID new For: Information  
 Source: vivo Mobile Communication Co. LTD*

**Abstract:**

Based on SA1 WID approved in SP-190943 and CR in SP-190824.

**Decision:** The document was **postponed**.

## 20 Closing

The CT1 Chairman commented that all docs had been treated, thanks to delegates. He thanked them all.

He thanked Jörgen Axell (Ericsson) and Lena Chaponnière (Qualcomm) for chairing the B/O sessions.

He thanked the MCC officer

Reminded that there will be an e-meeting on Protoc WIs

Meeting was closed on Friday 15 November at 15:25

See you in 2020!

Report prepared by: FF

## Annex A: List of contribution documents

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| C1-198000 | 3GPP TSG CT1#121 – agenda for Tdoc allocation | CT1 chairman | noted |  |  |
| C1-198001 | 3GPP TSG CT1#121 – agenda after Tdoc allocation deadline | CT1 chairman | noted |  |  |
| C1-198002 | 3GPP TSG CT1#121 – agenda with proposed LS-actions | CT1 chairman | noted |  |  |
| C1-198003 | 3GPP TSG CT1#121 – agenda at start of meeting | CT1 chairman | noted |  |  |
| C1-198004 | 3GPP TSG CT1#121 – agenda at end of meeting | CT1 chairman | noted |  |  |
| C1-198005 | Time Schedule CT1#121 | CT1 chairman | revised |  | C1-198558 |
| C1-198006 | work plan | MCC | revised |  | C1-199043 |
| C1-198007 | draft C1-120 meeting report | MCC | approved |  |  |
| C1-198008 | Correcting EENL handling | BlackBerry UK Ltd. | postponed |  |  |
| C1-198009 | Correcting EENL handling | BlackBerry UK Ltd. | postponed |  |  |
| C1-198010 | Expediting emergency services during inter-system change in single-registration mode and without N26 interface | BlackBerry UK Ltd. | postponed | C1-196783 |  |
| C1-198011 | Address EN on IMEI transfer from 5GS using N26 | BlackBerry UK Ltd. | revised | C1-196029 | C1-198789 |
| C1-198012 | Introduce support for 5G SRVCC support indication when registering with EPS | BlackBerry UK Ltd. | postponed |  |  |
| C1-198013 | Correct EPS SRVCC support indication when registering with 5GS | BlackBerry UK Ltd. | rejected |  |  |
| C1-198014 | Correct EPS SRVCC support indication when registering with 5GS | BlackBerry UK Ltd. | revised |  | C1-198700 |
| C1-198015 | Skeleton of 3GPP TS 24.5xy: "TSN Application Function (AF) to Device-side TSN Translator (DS-TT) and Network-side TSN Translator (NW-TT) protocol aspects; Stage 3" | Nokia, Nokia Shanghai Bell | revised |  | C1-198752 |
| C1-198016 | LS on NID structure and length (C4-194332) | CT4 | noted |  |  |
| C1-198017 | Reply to LS on 5GS Enhanced support of OTA mechanism for UICC configuration parameter update (C6-190351) | CT6 | noted |  |  |
| C1-198018 | LS on Rel-16 NB-IoT enhancements (RP-192338) | TSG RAN | noted |  |  |
| C1-198019 | Handling of unknown, unforeseen, and erroneous EPMS data in Ethernet port management service | Ericsson, Nokia, Nokia Shanghai Bell / Ivo | agreed |  |  |
| C1-198020 | PDU session handling for 5NCW device | Motorola Mobility, Lenovo | revised | C1-196955 | C1-198761 |
| C1-198021 | Removal of an editor's note | Motorola Mobility, Lenovo | revised | C1-196088 | C1-198921 |
| C1-198022 | Correct WLAN 3GPP-based access authentication procedure | BlackBerry UK Ltd. | rejected | C1-194184 |  |
| C1-198023 | Correct WLAN 3GPP-based access authentication procedure | BlackBerry UK Ltd. | revised | C1-194185 | C1-198701 |
| C1-198024 | Analysis of the URSP rules | Motorola Mobility, Lenovo | withdrawn |  |  |
| C1-198025 | MA PDU session rejection due to lack of network support | Motorola Mobility, Lenovo | withdrawn | C1-196707 |  |
| C1-198026 | 5G CIoT work plan for CT1 | QUALCOMM Europe Inc. - Italy | noted |  |  |
| C1-198027 | Service Based Architecture in IMS | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-196802 |  |
| C1-198028 | Performance management function protocol | Ericsson, InterDigital, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, ZTE / Ivo | revised |  | C1-198707 |
| C1-198029 | Slice-specific authentication and authorization procedure | Nokia, Nokia Shanghai Bell | revised | C1-196011 | C1-198577 |
| C1-198030 | EPS bearer identity coding, revoke agreed non backward compatible changes | Ericsson /kaj | merged |  |  |
| C1-198031 | Correcting text and format | Motorola Mobility, Lenovo | revised |  | C1-198790 |
| C1-198032 | Registry for OS Identities in 3GPP | InterDigital, Ericsson, Intel, Vodafone, AT&T, Nokia, Nokia Shanghai Bell, Samsung, China Mobile, Motorola Mobility, Lenovo, Charter Communications, Proximus / Atle | revised | C1-196771 | C1-198549 |
| C1-198033 | Registry for OS Identities in 3GPP | InterDigital / Atle | withdrawn |  |  |
| C1-198034 | Revision of eMCData2 WID | AT&T | revised |  | C1-198564 |
| C1-198035 | Add off-network emergency alert to MCData | AT&T | revised |  | C1-198650 |
| C1-198036 | Error in MBMS service area element | AT&T | agreed |  |  |
| C1-198037 | Error in MBMS service area element | AT&T | agreed |  |  |
| C1-198038 | Correct MCVideo location schema | AT&T | revised |  | C1-198682 |
| C1-198039 | Correct MCData location schema | AT&T | revised |  | C1-198683 |
| C1-198040 | Remove references to 3rd party registration for location reporting | AT&T | agreed |  |  |
| C1-198041 | Remove references to 3rd party registration for location reporting | AT&T | agreed |  |  |
| C1-198042 | XML schema correction | AT&T | withdrawn |  |  |
| C1-198043 | Service gap control and inter system change from EPS to 5GS | Ericsson /kaj | withdrawn |  |  |
| C1-198044 | Service gap control and inter system change from 5GS to EPS | Ericsson /kaj | withdrawn |  |  |
| C1-198045 | Service gap control, definition update of T3447 due to 5GS usage | Ericsson /kaj | withdrawn |  |  |
| C1-198046 | CT1#121bis-e Electronic Meeting – Process and Work Items | CT1 chairman | noted |  |  |
| C1-198047 | 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices | Ericsson / Mikael | revised |  | C1-198591 |
| C1-198048 | Serving PLMN rate control at PDU session modification | Ericsson / Mikael | revised |  | C1-198590 |
| C1-198049 | RLOS conditions for LR | Intel | revised | C1-194605 | C1-198570 |
| C1-198050 | Introduction of unauthorized NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC / Atle | revised | C1-196929 | C1-198578 |
| C1-198051 | Cause-code rejected NSSAI vs unauthenticated NSSAI | InterDigital / Atle | noted |  |  |
| C1-198052 | Clarification on the Mapped EPS bearer context | QUALCOMM Europe Inc. - Italy | revised |  | C1-198904 |
| C1-198053 | Editorial corrections to text related to the status of PDU sessions during SR procedure | Samsung/Anikethan | agreed |  |  |
| C1-198054 | Short MAC and ngKSI in Control plane service request NAS message | Ericsson, Intel / Mikael | revised |  | C1-198580 |
| C1-198055 | Additional trigger for mobility registration | Samsung/Anikethan | not pursued |  |  |
| C1-198056 | Reply LS on Tracking Area Update for RLOS (S2-1910186) | SA2 | noted |  |  |
| C1-198057 | LS reply on network slice-specific authentication and authorization (S2-1910344) | SA2 | noted |  |  |
| C1-198058 | Reply LS on assistance indication for WUS (S2-1910549) | SA2 | noted |  |  |
| C1-198059 | LS on precedence of pre-configured in UE URSP rules (S2-1910582) | SA2 | noted |  |  |
| C1-198060 | Reply LS on support for flow based QoS for NB-IoT connected to 5GC (S2-1910643) | SA2 | noted |  |  |
| C1-198061 | LS Response Reply LS on support of non-3GPP only UE and support for PEI in IMEI format (S2-1910679) | SA2 | noted |  |  |
| C1-198062 | LS Response on Security Aspects of AMF Re-allocation Procedure (S2-1910724) | SA2 | noted |  |  |
| C1-198063 | Reply LS to CT1 on set of overlapping provisioning parameters (S2-1910776) | SA2 | replied to |  |  |
| C1-198064 | LS on dependencies on AS design for mobility management aspects of NTN in 5GS (S2-1910786) | SA2 | noted |  |  |
| C1-198065 | LS on system level design assumptions for satellite in 5GS (S2-1910787) | SA2 | noted |  |  |
| C1-198066 | Reply LS on RRC Connection Reestablishment for CP for NB-IoT connected to 5GC (S2-1910789) | SA2 | noted |  |  |
| C1-198067 | Reply LS on Small Data Rate Control and APN Rate Control (S2-1910805) | SA2 | noted |  |  |
| C1-198068 | Reply LS to BBF on Line ID uniqueness (S2-1910806) | SA2 | noted |  |  |
| C1-198069 | LS on RACS (S2-1910809) | SA2 | noted |  |  |
| C1-198070 | Reply LS to LS on 5GS Enhanced support of OTA mechanism for UICC configuration parameter update (S3-193682) | SA3 | noted |  |  |
| C1-198071 | Reply on QoE Measurement Collection (S4-191234) | SA4 | noted |  |  |
| C1-198072 | LS on QoS mapping procedure (S4-191277) | SA4 | noted |  |  |
| C1-198073 | Correction to the handling of cause #62 | Samsung/Anikethan | revised |  | C1-198771 |
| C1-198074 | Handling for the use case when maximum allowed active DRB's have been reached | Samsung/Anikethan | revised |  | C1-198589 |
| C1-198075 | NW slice authentication and authorization failure and revocation | Ericsson /kaj | revised | C1-197003 | C1-198772 |
| C1-198076 | Registration reject due to no allowed slices and NW slice specific authentication and authorization | Ericsson /kaj | revised | C1-196573 | C1-198774 |
| C1-198077 | NSSAI Handling in Roaming Cases | QUALCOMM Europe Inc. - Italy | revised |  | C1-198905 |
| C1-198078 | Association of the 5GSM back-off timer and handling of 5GSM cause #39 after an S-NSSAI update | QUALCOMM Europe Inc. - Italy | postponed |  |  |
| C1-198079 | Introduction of NSSAI efficient signalling for IoT devices | QUALCOMM Europe Inc. - Italy | revised |  | C1-198746 |
| C1-198080 | Handing of EMM parameters for certain Tracking Area Updating failures | Samsung/Anikethan | agreed | C1-196157 |  |
| C1-198081 | Handing of 5GMM parameters during certain mobility registration failures | Samsung/Anikethan | agreed | C1-196015 |  |
| C1-198082 | Removal of Editor’s note on conditions of accepting registration | ZTE, Ericsson | revised |  | C1-198775 |
| C1-198083 | AT Command for 5G-SRVCC | ZTE, China Unicom | agreed |  |  |
| C1-198084 | Optional support for CP optimization | ZTE | postponed |  |  |
| C1-198085 | UE behaviour when T3448 timer running | ZTE, Ericsson | revised |  | C1-198594 |
| C1-198086 | AMF behaviour for mobility registration when SGC timer running | ZTE | agreed |  |  |
| C1-198087 | Work Plan for eNS in CT1 | ZTE | noted |  |  |
| C1-198088 | Clarification on the UE policy container | ZTE | agreed |  |  |
| C1-198089 | Initiation of Location Registration for RLOS | MediaTek / Marko | withdrawn |  |  |
| C1-198090 | Handling of forbidden PLMNs, forbidden PLMN for GPRS service and equivalent PLMNs list on ATTACH ACCEPT and TRACKING AREA ACCEPT in RLOS | MediaTek / Marko | revised |  | C1-198571 |
| C1-198091 | Workplan for ePWS-CT aspects | SyncTechno Inc. | noted |  |  |
| C1-198092 | CR 23.041#0202 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | revised |  | C1-198566 |
| C1-198093 | CR 23.041#0203 Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | revised |  | C1-198567 |
| C1-198094 | Correction to not activate PSM when UE is registered for RLOS | Samsung/Anikethan | revised |  | C1-198572 |
| C1-198095 | Emergency registered state handling | Samsung/Anikethan | revised | C1-196923 | C1-198913 |
| C1-198096 | DNN Replacement | Ericsson / Mikael | revised |  | C1-198912 |
| C1-198097 | Faulty and missing reference | Ericsson / Mikael | revised |  | C1-198961 |
| C1-198098 | TR 24.883 Scope | L3Harris Technologies, Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| C1-198099 | TS 24.484 Fix init config xsd file | L3Harris Technologies | withdrawn |  |  |
| C1-198100 | TS 24.484 Fix MCVideo and MCData xsd and file | L3Harris Technologies | withdrawn |  |  |
| C1-198101 | TS 29.379 EN SIP 501 removal | L3Harris Technologies | withdrawn |  |  |
| C1-198102 | TS 29.379 Non-3GPP message | L3Harris Technologies | withdrawn |  |  |
| C1-198103 | TS 29.379 Server roles | L3Harris Technologies | withdrawn |  |  |
| C1-198104 | TS 29.379 Emergency alert cancel self authorization removal | L3Harris Technologies | revised |  | C1-198662 |
| C1-198105 | Correction of handling of detach procedure in ATTEMPTING-TO-UPDATE | Intel | revised |  | C1-198794 |
| C1-198106 | Correction of handling of de-registration procedure in ATTEMPTING-REGISTRATION-UPDATE | Intel | revised |  | C1-198795 |
| C1-198107 | Correction of handling of GPRS detach procedure in ATTEMPTING-TO-UPDATE | Intel | revised |  | C1-198796 |
| C1-198108 | Corrections and enhancements for T3440 | Intel | revised |  | C1-198797 |
| C1-198109 | Corrections and enhancements for T3540 | Intel | revised |  | C1-198798 |
| C1-198110 | Corrections and enhancements for T3340 | Intel | revised |  | C1-198799 |
| C1-198111 | Revised WID on Stage-3 5GS NAS protocol development | ORANGE | withdrawn | CP-183087 |  |
| C1-198112 | New WID on Rel-16 5G Steering of Roaming | Orange | withdrawn |  |  |
| C1-198113 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson /Jennifer | revised | C1-196911 | C1-198595 |
| C1-198114 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson /Jennifer | revised | C1-196912 | C1-198596 |
| C1-198115 | Applicability of existing emergency PDU session request type | Nokia, Nokia Shanghai Bell /Jennifer | revised | C1-196128 | C1-198597 |
| C1-198116 | Discussion on dynamic update of SOR information using SOR-AF | Nokia, Nokia Shanghai Bell /Jennifer | withdrawn |  |  |
| C1-198117 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198702 |
| C1-198118 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198703 |
| C1-198119 | WLAN and PLMN selection procedures for a N5CW device | Motorola Mobility, Lenovo, BlackBerry UK Ltd. | revised |  | C1-198762 |
| C1-198120 | 5G CIoT WID Update for CT1 | QUALCOMM Europe Inc. - Italy | revised | CP-191237 | C1-199004 |
| C1-198121 | Handling multiple QoS errors during a PDU session modification procedure | QUALCOMM Europe Inc. - Italy | noted |  |  |
| C1-198122 | Handling multiple QoS errors during a PDU session modification procedure – Option 1 | QUALCOMM Europe Inc. - Italy | revised |  | C1-198926 |
| C1-198123 | Handling multiple QoS errors during a PDU session modification procedure – Option 2 | QUALCOMM Europe Inc. - Italy | withdrawn |  |  |
| C1-198124 | Apply ANDSP of equivalent PLMN | OPPO, Ericsson, Qualcomm Incorporated | revised | C1-196917 | C1-198922 |
| C1-198125 | UE indication of support for Mobile Terminated (MT) Early Data Transmission | QUALCOMM Europe Inc. - Italy | revised |  | C1-198588 |
| C1-198126 | Encoding of direct link establishment messages and parameters | OPPO / Rae | revised |  | C1-198625 |
| C1-198127 | Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions | QUALCOMM Europe Inc. - Italy | revised |  | C1-198585 |
| C1-198128 | Correct reference of access type | OPPO / Rae | agreed |  |  |
| C1-198129 | Introduction of NB-IoT UE specific DRX | QUALCOMM Europe Inc. - Italy | revised |  | C1-198583 |
| C1-198130 | Correction on UE matching the existing PDU sessions | OPPO / Rae | postponed |  |  |
| C1-198131 | No info on S-NSSAI subject to NSSAA in UE | OPPO / Rae | revised |  | C1-198776 |
| C1-198132 | Align with stage-2 conditions UE requests MA PDU session after interworking | OPPO / Rae | merged |  |  |
| C1-198133 | Align with stage-2 conditions UE requests MA PDU session after interworking | OPPO / Rae | revised |  | C1-198711 |
| C1-198134 | Clarification for URSP evaluation | OPPO / Rae | revised | C1-196785 | C1-198903 |
| C1-198135 | Add the missing SNPN when UE uses GUTI in initial registration | OPPO / Rae | revised |  | C1-198733 |
| C1-198136 | DISC on Requested mapped NSSAI IE inclusion rules | MediaTek Inc. / Marko | noted |  |  |
| C1-198137 | Correction to delivery of mapped S-NSSAI(s) | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | revised | C1-196769 | C1-198906 |
| C1-198138 | Correction to UE abnormal case in initial registration | MediaTek Inc. / Marko | revised |  | C1-198962 |
| C1-198139 | UL and DL NAS COUNT handling at HO from 5GS to EPS (Rel-15) | MediaTek Inc. / Marko | rejected |  |  |
| C1-198140 | UL and DL NAS COUNT handling at HO from 5GS to EPS (Rel-16) | MediaTek Inc. / Marko | rejected |  |  |
| C1-198141 | Receiving deregistration with cause #72 when registered for both 3GPP and Non-3GPP access | MediaTek Inc., ZTE, Samsung | revised | C1-196023 | C1-198920 |
| C1-198142 | Removal of update status dependency for sub-state selection | Samsung/Anikethan | agreed |  |  |
| C1-198143 | Correcting timer calculation for GPRS MS using EC-GSM-IoT | BlackBerry UK Limited | agreed |  |  |
| C1-198144 | 5GMM state in non-3GPP access not impacting EMM state of single-registered UE | Ericsson / Ivo | agreed |  |  |
| C1-198145 | Completion of EMM causes handling by single-registered UE | Ericsson / Ivo | agreed |  |  |
| C1-198146 | Attach attempt counter reset by single-registered UE | Ericsson | agreed |  |  |
| C1-198147 | Registration attempt counter reset by single-registered UE | Ericsson | revised |  | C1-198997 |
| C1-198148 | Correction for 5GMM and inter-system change | Ericsson | agreed |  |  |
| C1-198149 | Correction for 5GSM and inter-system change with N26 | Ericsson | agreed |  |  |
| C1-198150 | Clarification to forbidden PLMN list | Ericsson | revised |  | C1-198998 |
| C1-198151 | Access stratum connection and user-plane resources for trusted non-3GPP access and wireline access | Ericsson, CableLabs, Charter Communications / Ivo | agreed |  |  |
| C1-198152 | Usage of PDU session identity for the PDU sessions requested by the TWIF | Ericsson / Ivo | revised |  | C1-198760 |
| C1-198153 | 5G-RG and W-AGF acting on behalf of FN-RG usage of URSP | Ericsson, CableLabs / Ivo | revised |  | C1-198763 |
| C1-198154 | Removal of Session-TMBR | Ericsson / Ivo | agreed |  |  |
| C1-198155 | Further alignment with stage-2 on PEI for 5G-RG and FN-RG | Ericsson / Ivo | agreed | C1-196110 |  |
| C1-198156 | Scope correction | Ericsson, CableLabs, Charter Communications / Ivo | agreed |  |  |
| C1-198157 | PLMN selection for wireline access | Ericsson, CableLabs, Charter Communications / Ivo | revised |  | C1-198764 |
| C1-198158 | QoS handling for wireline access | Ericsson, CableLabs, Charter Communications / Ivo | agreed |  |  |
| C1-198159 | EAP-5G handling and transport of NAS messages for wireline access | Ericsson / Ivo | postponed |  |  |
| C1-198160 | 5G-RG and W-AGF acting on behalf of FN-RG performing UE requirements | Ericsson, Charter Communications / Ivo | agreed |  |  |
| C1-198161 | Secondary authentication and W-AGF acting on behalf of FN-RG | Ericsson, CableLabs, Charter Communications | postponed |  |  |
| C1-198162 | Correction for 5GS network feature support IE | Ericsson | agreed |  |  |
| C1-198163 | Informing lower layers that access to RLOS is initiated | Ericsson / Ivo | rejected |  |  |
| C1-198164 | Completion of UE-requested V2X policy provisioning procedure | Ericsson / Ivo | revised |  | C1-198627 |
| C1-198165 | UPDS updates enabling UE-requested V2X policy provisioning procedure | Ericsson / Ivo | revised |  | C1-198628 |
| C1-198166 | Size of PTI IE in PMFP | Ericsson / Ivo | noted |  |  |
| C1-198167 | Reference update: draft-ietf-mmusic-msrp-usage-data-channel | Ericsson / Nevenka | agreed |  |  |
| C1-198168 | Reference update: draft-ietf-mmusic-msrp-usage-data-channel | Ericsson / Nevenka | agreed |  |  |
| C1-198169 | Reference update: draft-ietf-mmusic-msrp-usage-data-channel | Ericsson / Nevenka | agreed |  |  |
| C1-198170 | Additional-Identity header in REFER request | Ericsson / Nevenka | agreed |  |  |
| C1-198171 | P-CSCF restoration in 5GS | Ericsson /Jörgen | revised |  | C1-198449 |
| C1-198172 | P-CSCF restoration in 5GS | Ericsson /Jörgen | revised |  | C1-198451 |
| C1-198173 | DS-TT initiated exchange of port management capabilities | Intel / Thomas | revised |  | C1-198755 |
| C1-198174 | Addition of LLDP related Ethernet port parameters | Intel / Thomas | agreed |  |  |
| C1-198175 | Exchange of port management capabilities during PDU session establishment | Intel / Thomas | revised |  | C1-198756 |
| C1-198176 | Additional abnormal cases in SNPN | Intel / Thomas | revised |  | C1-198730 |
| C1-198177 | Handling of multiple entries with same SNPN | Intel / Thomas | agreed |  |  |
| C1-198178 | Definitions and abbreviations update for SNPN Access Technology and other correction | Intel / Thomas | agreed |  |  |
| C1-198179 | Missing condition for entering limited service in SNPN access mode | Intel / Thomas | agreed |  |  |
| C1-198180 | Handling of CSG selection mode | Intel | agreed |  |  |
| C1-198181 | Comments on C1-196447 "EHPLMN and Dual registration" | Intel | noted |  |  |
| C1-198182 | Proposed LS to SA2 on Dual-registration requirements for EHPLMNs | Intel | withdrawn |  |  |
| C1-198183 | Categorizations of allowed and rejected S-NSSAIs | Motorola Mobility, Lenovo | revised |  | C1-198557 |
| C1-198184 | Latest reference version of draft TS 24.547 | Intel / Vivek | noted |  |  |
| C1-198185 | Client User Authentication Procedure | Intel / Vivek | revised |  | C1-198600 |
| C1-198186 | Server User Authentication Procedure | Intel / Vivek | revised |  | C1-198601 |
| C1-198187 | Client Token Exchange Procedure | Intel / Vivek | revised |  | C1-198602 |
| C1-198188 | Server Token Exchange Procedure | Intel / Vivek | revised |  | C1-198603 |
| C1-198189 | Update OS App Id | Intel, Qualcomm Incorporated / Vivek | postponed | C1-196312 |  |
| C1-198190 | Abnormal cases for port number management | Intel / Vivek | revised |  | C1-198942 |
| C1-198191 | Correction and clarification of interworking with ePDG connected to EPC | Intel / Vivek | agreed | C1-196924 |  |
| C1-198192 | Association of NSSAI with default EPS bearer context | Intel / Vivek | revised |  | C1-198930 |
| C1-198193 | Revised WID for CT aspect of single radio voice continuity from 5GS to 3G | China Unicom, ZTE | revised | CP-191062 | C1-198561 |
| C1-198194 | PDU Session ID mismatch between UE and AMF | NEC Corporation | noted |  |  |
| C1-198195 | Fix PDU Session ID mismatch between UE and AMF | NEC Corporation | rejected |  |  |
| C1-198196 | Fix PDU Session ID mismatch between UE and AMF | NEC Corporation | revised |  | C1-198704 |
| C1-198197 | Unified Access Control for IMS registration related signalling | NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT | revised | C1-196981 | C1-198791 |
| C1-198198 | Procedure for MO IMS related signalling started indication for UAC | NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT/ Maoki | revised | C1-196982 | C1-198792 |
| C1-198199 | Streamlining of UE behaviour for RLOS | Samsung/Anikethan | revised | C1-196956 | C1-198574 |
| C1-198200 | LS on enhanced access control for IMS signalling for 5GS | NTT DOCOMO INC. | revised | C1-196766 | C1-198935 |
| C1-198201 | Service interaction correction TIP/TIR | Ericsson /Jörgen | agreed |  |  |
| C1-198202 | Adding interactions with "Multi-Device" and "Multi-Identity" services | Ericsson /Jörgen | agreed |  |  |
| C1-198203 | TR 24.883 Scope | L3Harris Technologies, Nokia, Nokia Shanghai Bell | agreed |  |  |
| C1-198204 | TS 24.484 Fix init config xsd file | L3Harris Technologies | revised |  | C1-198684 |
| C1-198205 | TS 24.484 Fix MCVideo and MCData xsd and file | L3Harris Technologies | postponed |  |  |
| C1-198206 | TS 29.379 EN SIP 501 removal | L3Harris Technologies | revised |  | C1-198663 |
| C1-198207 | TS 29.379 Non-3GPP message | L3Harris Technologies | revised |  | C1-198664 |
| C1-198208 | TS 29.379 Server roles | L3Harris Technologies | agreed |  |  |
| C1-198209 | 5QI 86 introduction | Ericsson / Ivo | revised |  | C1-198629 |
| C1-198210 | Manual selection of CAG cell which is not in the allowed list | Huawei, HiSilicon, Nokia, Nokia Shanghai bell, OPPO | withdrawn | C1-196734 |  |
| C1-198211 | Covering 5GMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone/Lin | revised | C1-196976 | C1-199025 |
| C1-198212 | Covering EMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone/Lin | revised | C1-196977 | C1-199026 |
| C1-198213 | Restructing the logic of providing UE ID for initial NAS message routing | Huawei, HiSilicon/Lin | revised | C1-196036 | C1-198965 |
| C1-198214 | Discussion on UE checking the active EPS bearer ID for mapped QoS flows | Huawei, HiSilicon/Lin | noted | C1-196043 |  |
| C1-198215 | UE checking the active EPS bearer ID for mapped QoS flows | Huawei, HiSilicon/Lin | revised | C1-196044 | C1-198918 |
| C1-198216 | Correction on establishment of secure exchange of NAS messages for attach | Huawei, HiSilicon/Lin | revised | C1-196046 | C1-198996 |
| C1-198217 | 5G NAS security context for interworking | Huawei, HiSilicon/Lin | revised | C1-196047 | C1-198999 |
| C1-198218 | Corrections on the abnormal cases of registration procedure for initial registration | Huawei, HiSilicon/Lin | revised | C1-196048 | C1-199000 |
| C1-198219 | Correction on handling and coding of Mapped EPS bearer contexts | Huawei, HiSilicon/Lin | revised | C1-196049 | C1-198971 |
| C1-198220 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | revised | C1-196344 | C1-198956 |
| C1-198221 | Deletion of UE radio capability in the network | Huawei, HiSilicon/Lin | revised |  | C1-198908 |
| C1-198222 | Work plan for SINE\_5G | Huawei, HiSilicon/Lin | noted | C1-196557 |  |
| C1-198223 | Discussion on retry restriction in non-3GPP access and inter-access type re-attempt | Huawei, HiSilicon/Lin | noted |  |  |
| C1-198224 | Retry restriction on non-3GPP access | Huawei, HiSilicon/Lin | revised |  | C1-198568 |
| C1-198225 | No retry restriction for 5GSM cause value #39 | Huawei, HiSilicon/Lin | revised |  | C1-198569 |
| C1-198226 | Enhancement on CPSR for CIoT CP data transport | Huawei, HiSilicon, Vodafone/Lin | revised |  | C1-198581 |
| C1-198227 | Discussion on implementation of MT-EDT for 5GS in stage 3 | Huawei, HiSilicon/Lin | noted |  |  |
| C1-198228 | Discussion on support of UE specific DRX for NB-IoT | Huawei, HiSilicon/Lin | noted |  |  |
| C1-198229 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon/Lin | revised |  | C1-198584 |
| C1-198230 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon/Lin | postponed |  |  |
| C1-198231 | Discussion on UE paging probability for WUS | Huawei, HiSilicon/Lin | noted |  |  |
| C1-198232 | Support of UE paging probability for WUS-general part | Huawei, HiSilicon/Lin | revised |  | C1-198900 |
| C1-198233 | Support of UE paging probability for WUS-procedure part | Huawei, HiSilicon/Lin | revised |  | C1-198901 |
| C1-198234 | Discussion on delivery of gPTP messages for time synchronization | Huawei, HiSilicon/Lin | noted |  |  |
| C1-198235 | Correction on delivery of gPTP messages for time synchronization | Huawei, HiSilicon/Lin | postponed |  |  |
| C1-198236 | Determination of Emergency Services Fallback support in the AMF | BlackBerry UK Ltd. | revised |  | C1-198919 |
| C1-198237 | Compromise solution for Manual CAG selection outside Allowed list | Huawei, HiSilicon/ Vishnu | revised |  | C1-198735 |
| C1-198238 | Alignment of terminology in clauses 10.1.4.5.1 & 10.2.3.1.1 to rest of document | Sepura PLC, Hytera Communications, Corp | agreed |  |  |
| C1-198239 | Scope update for MA PDU session of 5G-RG | Ericsson, Charter Communication, CableLabs / Ivo | agreed |  |  |
| C1-198240 | EPS interworking update for MA PDU session of 5G-RG | Ericsson, Charter Communication, CableLabs / Ivo | revised |  | C1-198712 |
| C1-198241 | Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT) | FirstNet / Mike | revised |  | C1-198555 |
| C1-198242 | Preconfigured User/Group Regroup | FirstNet / Mike | noted |  |  |
| C1-198243 | Preconfig Regroup - 4.4.2 Warning texts | FirstNet / Mike | revised |  | C1-198637 |
| C1-198244 | Preconfig Regroup - 6.3.1.3 SIP MESSAGE types | FirstNet / Mike | revised |  | C1-198638 |
| C1-198245 | Preconfig Regroup - 10.1.6.1 General section | FirstNet / Mike | revised |  | C1-198639 |
| C1-198246 | Preconfig Regroup - 10.1.6.2 Group regroup intro | FirstNet / Mike | revised |  | C1-198640 |
| C1-198247 | Preconfig Regroup - 10.1.6.2.1.1 Client create request | FirstNet / Mike | revised |  | C1-198641 |
| C1-198248 | Preconfig Regroup - 10.1.6.2.1.2 Client remove request | FirstNet / Mike | revised |  | C1-198643 |
| C1-198249 | Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request | FirstNet / Mike | revised |  | C1-198644 |
| C1-198250 | Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request | FirstNet / Mike | revised |  | C1-198645 |
| C1-198251 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | revised |  | C1-198646 |
| C1-198252 | Preconfig Regroup - 10.1.6.2.2.4 Term. Partip. remove request | FirstNet / Mike | revised |  | C1-198647 |
| C1-198253 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | revised |  | C1-198648 |
| C1-198254 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | revised |  | C1-198649 |
| C1-198255 | Preconfig Regroup - 10.1.6.2.3.3 Control. remove decision | FirstNet / Mike | revised |  | C1-198687 |
| C1-198256 | Preconfig Regroup - 10.1.6.2.4.1 Non-control. create request | FirstNet / Mike | revised |  | C1-198688 |
| C1-198257 | Preconfig Regroup - 10.1.6.2.4.2 Non-control. remove request | FirstNet / Mike | revised |  | C1-198689 |
| C1-198258 | Preconfig Regroup - 10.1.6.3 User regroup intro | FirstNet / Mike | withdrawn |  |  |
| C1-198259 | Preconfig Regroup - 10.1.6.3.1.1 Client create request | FirstNet / Mike | revised |  | C1-198690 |
| C1-198260 | Preconfig Regroup - 10.1.6.3.1.2 Client remove request | FirstNet / Mike | revised |  | C1-198691 |
| C1-198261 | Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request | FirstNet / Mike | revised |  | C1-198692 |
| C1-198262 | Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request | FirstNet / Mike | revised |  | C1-198693 |
| C1-198263 | Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request | FirstNet / Mike | revised |  | C1-198694 |
| C1-198264 | Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request | FirstNet / Mike | revised |  | C1-198695 |
| C1-198265 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | revised |  | C1-198696 |
| C1-198266 | Preconfig Regroup - 10.1.6.3.3.2 Control. remove request | FirstNet / Mike | revised |  | C1-198697 |
| C1-198267 | Preconfig Regroup - 10.1.6.3.3.3 Control. remove decision | FirstNet / Mike | revised |  | C1-198698 |
| C1-198268 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | revised |  | C1-198642 |
| C1-198269 | Off-NW MCPTT Errors Discussion | NIST, FirstNet / Mike | noted |  |  |
| C1-198270 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | agreed |  |  |
| C1-198271 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | agreed |  |  |
| C1-198272 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | revised |  | C1-198665 |
| C1-198273 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | agreed |  |  |
| C1-198274 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised |  | C1-198666 |
| C1-198275 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised |  | C1-198667 |
| C1-198276 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised |  | C1-198668 |
| C1-198277 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised |  | C1-198669 |
| C1-198278 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | agreed |  |  |
| C1-198279 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | agreed |  |  |
| C1-198280 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | agreed |  |  |
| C1-198281 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | agreed |  |  |
| C1-198282 | Editorial corrections | FirstNet / Mike | revised |  | C1-198686 |
| C1-198283 | Addition of Location information to SDS | HOME OFFICE | revised |  | C1-198652 |
| C1-198284 | Enabling NR-U access-type reporting in P-Access-Network-Info header and Cellular-Network-Info header field | Qualcomm UK Ltd | agreed | C1-196806 |  |
| C1-198285 | Multi-device and multi-identity enhancements | vivo Mobile Communication Co. LTD | postponed |  |  |
| C1-198286 | CT impacts of support for NR accessing through unlicensed bands (NR-U) in 5GS | Qualcomm Incorporated / Lena | noted |  |  |
| C1-198287 | RACS CT work plan | Qualcomm Incorporated / Lena | noted |  |  |
| C1-198288 | IABARC CT work plan | Qualcomm Incorporated / Lena | noted |  |  |
| C1-198289 | Transfer of Ciphering Key Information for Broadcast Location Assistance Data | Qualcomm Incorporated / Lena | revised |  | C1-198599 |
| C1-198290 | Network initiated location services operations for 5GS | Qualcomm Incorporated / Lena | approved |  |  |
| C1-198291 | Correction to S-NSSAI RSD component encoding | Qualcomm Incorporated / Lena | agreed |  |  |
| C1-198292 | Access to SNPNs using USIM credentials | Qualcomm Incorporated / Lena | noted |  |  |
| C1-198293 | Subscriber identifier when USIM credentials are used to access an SNPN | Qualcomm Incorporated / Lena | revised |  | C1-198722 |
| C1-198294 | Enabling the use of USIM credentials in SNPNs | Qualcomm Incorporated / Lena | revised | C1-196715 | C1-198723 |
| C1-198295 | Addition of NID to AN parameters | Qualcomm Incorporated / Lena | revised | C1-196724 | C1-198721 |
| C1-198296 | Signalling of ingress time | Qualcomm Incorporated / Lena | revised |  | C1-198749 |
| C1-198297 | Access availability/unavailability measurement and reporting | Google Inc. | noted |  |  |
| C1-198298 | 3GPP registry for OS Id | Motorola Mobility, Lenovo, Nokia, Nokia Shanghai Bell, Intel, Samsung, Vodafone, Ericsson, Proximus, InterDigital | withdrawn |  |  |
| C1-198299 | Timer T3448 | vivo / Yanchao | agreed |  |  |
| C1-198300 | Rejected NSSAI | vivo / Yanchao | rejected |  | - |
| C1-198301 | Rejected NSSAI | vivo / Yanchao | revised |  | C1-198705 |
| C1-198302 | Sending location services data from 5GMM-IDLE mode using the Control Plane Service Request message | QUALCOMM Europe Inc. - Italy | revised |  | C1-198598 |
| C1-198303 | OS identities in 3GPP | Google Inc. | noted |  |  |
| C1-198304 | Correction of the format of CIoT small data container | InterDigital France R&D, SAS | revised |  | C1-198947 |
| C1-198305 | Removal of a Code-point in Control Plane Service Type | InterDigital | revised |  | C1-198987 |
| C1-198306 | Further introduce support for 5G-SRVCC | BlackBerry UK Limited | revised |  | C1-198933 |
| C1-198307 | Storage of unauthorized NSSAI | vivo / Yanchao | merged |  |  |
| C1-198308 | UE behavoir on rejected NSSAI due to failed NSSAA | vivo / Yanchao | revised |  | C1-198773 |
| C1-198309 | Updates for Manual CAS selection | Huawei, HiSilicon / Vishnu | revised | C1-196736 | C1-198769 |
| C1-198310 | Correction to EPLMN list deletion for 5GMM cause #7 | Huawei, HiSilicon / Vishnu | revised |  | C1-198968 |
| C1-198311 | Discussion on Requirements of PNI-NPN and it impacts the UE's Manual CAG cell selection | DOCOMO Communications Lab. | noted |  |  |
| C1-198312 | Correction to UE OS ID | Huawei, HiSilicon/ Vishnu | agreed |  |  |
| C1-198313 | Skeleton of 24.abc | Ericsson Jörgen | revised |  | C1-198670 |
| C1-198314 | Expiration of CAG subscription while emergency PDU session | Huawei, HiSilicon / Vishnu | revised |  | C1-198737 |
| C1-198315 | Scope clause for 24.abc | Ericsson /Jörgen | agreed |  |  |
| C1-198316 | Clause 4: MuD and MiD MO | Ericsson /Jörgen | revised |  | C1-198833 |
| C1-198317 | Clause 5 in 24.abc | Ericsson /Jörgen | agreed |  |  |
| C1-198318 | DDF for 24.abc | Ericsson /Jörgen | agreed |  |  |
| C1-198319 | Definition of CAG terms | Huawei, HiSilicon / Vishnu | revised |  | C1-198739 |
| C1-198320 | Handling of SR in a CAG subscription expired cell | Huawei, HiSilicon / Vishnu | revised |  | C1-198738 |
| C1-198321 | Updation of LIMITED SERVICE state for CAG | Huawei, HiSilicon / Vishnu | revised |  | C1-198741 |
| C1-198322 | Clarfiy that the Allowed NSSAI is also Stored for EPLMN. | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, OPPO | revised | C1-196345 | C1-198929 |
| C1-198323 | Latest reference version of draft TS 24.545 | Huawei, HiSilicon /Christian | noted |  |  |
| C1-198324 | Latest reference version of draft TS 24.548 | Huawei, HiSilicon /Christian | noted |  |  |
| C1-198325 | Introduction of new clause 7 on Coding for TS 24.545 | Huawei, HiSilicon /Christian | revised |  | C1-198604 |
| C1-198326 | Event-triggered location reporting procedure | Huawei, HiSilicon /Christian | revised |  | C1-198605 |
| C1-198327 | Structure and data semantics for event-triggered location reporting procedure | Huawei, HiSilicon /Christian | revised |  | C1-198606 |
| C1-198328 | Client-triggered or VAL server-triggered location reporting procedure | Huawei, HiSilicon /Christian | revised |  | C1-198607 |
| C1-198329 | Structure and data semantics for client-triggered or VAL server-triggered location reporting for event-triggered location reporting procedure | Huawei, HiSilicon /Christian | revised |  | C1-198608 |
| C1-198330 | User authentication for location management procedures | Huawei, HiSilicon /Christian | revised |  | C1-198609 |
| C1-198331 | Introduction of new clause 7 on Coding for TS 24.548 | Huawei, HiSilicon /Christian | revised |  | C1-198610 |
| C1-198332 | User authentication for network resource management procedures | Huawei, HiSilicon /Christian | revised |  | C1-198611 |
| C1-198333 | Request for unicast resource at VAL service communication establishment procedure | Huawei, HiSilicon /Christian | revised |  | C1-198612 |
| C1-198334 | Structure and data semantics for request for unicast resource at VAL service communication establishment procedure | Huawei, HiSilicon /Christian | revised |  | C1-198614 |
| C1-198335 | LS on enquiries for supporting vertical applications | Huawei, HiSilicon /Christian | revised |  | C1-198623 |
| C1-198336 | Work plan for the CT1 part of V2XAPP | Huawei, HiSilicon /Christian | revised |  | C1-198553 |
| C1-198337 | Latest reference version of draft TS 24.486 | Huawei, HiSilicon /Christian | noted |  |  |
| C1-198338 | Issue with MONP Message types | Ericsson /Jörgen | noted |  |  |
| C1-198339 | AT Command for CSG Feature Support | Samsung R&D Institute India | revised | C1-196973 | C1-199040 |
| C1-198340 | Availability and unavailability reports for MPTCP steering functionality | Huawei, HiSilicon /Christian | revised |  | C1-198713 |
| C1-198341 | Proposed approach for Stage 3 MCData SDS media plane delivery over MBMS | AT&T | noted |  |  |
| C1-198342 | AT Command for CSG support indication | Samsung R&D Institute India | revised | C1-196974 | C1-199041 |
| C1-198343 | Resolution of editor's note on whether the PDN connection can be converted to MA PDU session if the PDN connection was initially established in 5GS | Huawei, HiSilicon /Christian | revised |  | C1-198709 |
| C1-198344 | Work plan for the CT1 part of eV2XARC | Huawei, HiSilicon /Christian | revised |  | C1-198552 |
| C1-198345 | Latest reference version of draft TS 24.587 | Huawei, HiSilicon /Christian | revised |  | C1-198630 |
| C1-198346 | Resolution of the editor's note on precedence of V2X configuration parameters | Huawei, HiSilicon /Christian | postponed |  |  |
| C1-198347 | Subscription update for CAG only UEs | Samsung | postponed | C1-196942 |  |
| C1-198348 | Configuration schema addition | Ericsson /Jörgen | agreed |  |  |
| C1-198349 | Transmission of the UE CAG capability to the network. | Samsung, Ericsson, Vodafone | revised | C1-196972 | C1-198759 |
| C1-198350 | Revised WID on CT aspects on wireless and wireline convergence for the 5G system architecture | Huawei, HiSilicon /Christian | revised | CP-192079 | C1-198562 |
| C1-198351 | Editorial correction of E-UTRAN | Ericsson /Jörgen | agreed |  |  |
| C1-198352 | CAG only UE and emergency procedure | Samsung, Intel | revised | C1-196954 | C1-198734 |
| C1-198353 | Work plan for the CT1 part of 5WWC | Huawei, HiSilicon /Christian | revised |  | C1-198551 |
| C1-198354 | Handling of 5GMM cause#76 without integrity protected | Samsung R&D Institute India | revised |  | C1-198742 |
| C1-198355 | Call log synchronization procedures | Ericsson /Jörgen | revised |  | C1-198671 |
| C1-198356 | Handling of wait time during resume procedure | Samsung/Kundan | revised | C1-196539 | C1-198925 |
| C1-198357 | Clarification to suspend and resume procedure | Samsung | withdrawn | C1-196540 |  |
| C1-198358 | Resolution of editor's note on V2X communication over Uu | Huawei, HiSilicon /Christian | agreed |  |  |
| C1-198359 | Correction to automatic PLMN selection for a CAG UE | Samsung R&D Institute India/ Kundan | withdrawn |  |  |
| C1-198360 | Handling of parameters stored in the ME memory | Samsung R&D Institute India/ Kundan | revised |  | C1-198943 |
| C1-198361 | Handling of MCS data in various 5GMM states | Samsung/Kundan | revised | C1-196542 | C1-198944 |
| C1-198362 | Network Slice authentication and handover procedure | Samsung R&D Institute India | noted |  |  |
| C1-198363 | Network slice authentication and emergency procedure | Samsung R&D Institute India /Kundan | revised |  | C1-198777 |
| C1-198364 | V2X UE registration procedure | Huawei, HiSilicon /Christian | revised |  | C1-198624 |
| C1-198365 | V2X UE de-registration procedure | Huawei, HiSilicon /Christian | revised |  | C1-198550 |
| C1-198366 | UE behavior on Network slice authentication failure | Samsung R&D Institute India /Kundan | revised |  | C1-198778 |
| C1-198367 | Preventing UE waiting for completion of NSSAA indefinitely | NEC | noted |  |  |
| C1-198368 | Preventing UE waiting for completion of NSSAA indefinitely – Atl1 NW timer | NEC | revised | C1-196442 | C1-198779 |
| C1-198369 | Preventing UE waiting for completion of NSSAA indefinitely - Atl2UE timer | NEC, InterDigital | revised | C1-196443 | C1-198780 |
| C1-198370 | NSSAI storage impact with NSSAA | NEC, Interdigital | revised | C1-196758 | C1-198770 |
| C1-198371 | Discussion on IMS video service | Huawei, HiSilicon /Hongxia | noted |  |  |
| C1-198372 | Enhancement of IMS video service | Huawei, HiSilicon,CMCC,China Unicom,vivo,China Telecommunications /Hongxia | revised |  | C1-198563 |
| C1-198373 | Pre-configured URSP rules in USIM | LG Electronics, Verizon, THALES, T-Mobile USA, Sprint, SK Telecom, LG Uplus, IDEMIA, AT&T | revised |  | C1-198788 |
| C1-198374 | UE Location Privacy Setting | CATT | revised |  | C1-198719 |
| C1-198375 | Adding new 5QI | vivo | merged |  |  |
| C1-198376 | Handling of PC5 unicast link establishment procedure | vivo | revised |  | C1-198632 |
| C1-198377 | Handling of PC5 unicast link modification procedure | vivo | revised |  | C1-198633 |
| C1-198378 | PC5 unicast link identifier update procedure | vivo | postponed |  |  |
| C1-198379 | PC5 unicast link release procedure | vivo | revised |  | C1-198634 |
| C1-198380 | Addition of the INVITE without SDP usecase in forked response handling | MediaTek Inc. | revised |  | C1-198556 |
| C1-198381 | LCS messages and coding | CATT | revised |  | C1-198720 |
| C1-198382 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | revised |  | C1-198678 |
| C1-198383 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | withdrawn |  |  |
| C1-198384 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | revised |  | C1-198679 |
| C1-198385 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | withdrawn |  |  |
| C1-198386 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | revised |  | C1-198940 |
| C1-198387 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | revised |  | C1-198941 |
| C1-198388 | Provide handover of ongoing MMTEL voice or MMTEL video from non-3GPP access indication to NAS | Qualcomm Incorporated | revised |  | C1-198931 |
| C1-198389 | Provide handover of ongoing SMS over IP network from non-3GPP access indication to NAS | Qualcomm Incorporated | revised |  | C1-198932 |
| C1-198390 | Excluding 5GSM causes for congestion control from SINE | China Telecom Corporation Ltd,Huawei,Hisilicon | agreed |  |  |
| C1-198391 | Clarification about when server should reject MAX\_CONNECTION\_REACHED error for PDN connection request | MediaTek Inc. | revised |  | C1-198939 |
| C1-198392 | Work plan for the CT1 part of SEAL | Samsung / Sapan | noted |  |  |
| C1-198393 | Latest reference version of draft TS 24.544 | Samsung / Sapan | noted |  |  |
| C1-198394 | Latest reference version of draft TS 24.546 | Samsung / Sapan | noted |  |  |
| C1-198395 | User authentication clause for group management | Samsung / Sapan | revised |  | C1-198615 |
| C1-198396 | Group creation procedure for group management | Samsung / Sapan | revised |  | C1-198616 |
| C1-198397 | Group query procedure for group management | Samsung / Sapan | revised |  | C1-198617 |
| C1-198398 | Group update element procedure for group management | Samsung / Sapan | revised |  | C1-198618 |
| C1-198399 | Group config management procedures | Samsung / Sapan | revised |  | C1-198619 |
| C1-198400 | User authentication clause for configuration management | Samsung / Sapan | revised |  | C1-198620 |
| C1-198401 | Enhancemets related to how UE should handle conference subscription failure | MediaTek Inc. | revised |  | C1-198680 |
| C1-198402 | Configuration data fetch procedure | Samsung / Sapan | revised |  | C1-198621 |
| C1-198403 | Configuration data update procedure | Samsung / Sapan | revised |  | C1-198622 |
| C1-198404 | Precedence order between V2X configuration parameters | LG Electronics, Ericsson, ZTE / SangMin | postponed |  |  |
| C1-198405 | Discussion on MA PDU establishment when VPLMN does not support ATSSS | LG Electronics / SangMin | noted |  |  |
| C1-198406 | MA PDU Establishment when VPLMN does not support ATSSS | LG Electronics / SangMin | postponed |  |  |
| C1-198407 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198783 |
| C1-198408 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198706 |
| C1-198409 | Service based interface between UDM and SoR-AF | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198914 |
| C1-198410 | Corrections on dynamic update of SOR information using SOR-AF | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198955 |
| C1-198411 | ngKSI for CONTROL PLANE SERVICE REQUEST message | Nokia, Nokia Shanghai Bell /Jennifer | revised |  | C1-198582 |
| C1-198412 | Inclusion of PDU session reactivation result error cause IE | Ericsson /kaj | agreed |  |  |
| C1-198413 | IMEI and IMEISV formats support | Ericsson /kaj | revised |  | C1-198954 |
| C1-198414 | Adding clause for media plane procedures for pre-established session for MCData | Samsung Electronics, Motorola Solutions | revised | C1-196800 | C1-198651 |
| C1-198415 | Correciton of the erroneous maximum length of the Quality of service IE | China Telecom Corporation Ltd. | withdrawn |  |  |
| C1-198416 | PEI format for non-3GPP access only UE | Ericsson /kaj | revised |  | C1-198966 |
| C1-198417 | S-NSSAI in rejected NSSAI slice-specific authentication failed or pending lists shall not be requested | Ericsson /kaj | postponed |  |  |
| C1-198418 | Correciton of the erroneous maximum length of the Quality of service IE | China Telecom Corporation Ltd,Huawei,HiSilicon | withdrawn |  |  |
| C1-198419 | Correciton of the erroneous maximum length of the Quality of service IE | China Telecom Corporation Ltd,Huawei,HiSilicon | agreed |  |  |
| C1-198420 | NSSAA pending, prevent UE to wait indefinitely | Ericsson /kaj | revised |  | C1-198781 |
| C1-198421 | NW slice-specific authentication and authorization procedure pending | Ericsson /kaj | revised |  | C1-198579 |
| C1-198422 | Abnormal case handling for uplink NAS transport for non-supporting Ues | Nokia, Nokia Shanghai Bell /Jennifer | revised | C1-196945 | C1-198948 |
| C1-198423 | Correction to the coding of EPS bearer identity | MediaTek Inc., Huawei, HiSilicon, ZTE, CATT, Intel | revised |  | C1-198915 |
| C1-198424 | Correction to the length of two octets support indicator | MediaTek Inc., Huawei, HiSilicon, ZTE, Ericsson / JJ | agreed |  |  |
| C1-198425 | Correction to the length of two octets support indicator | MediaTek Inc., Huawei, HiSilicon, ZTE, Ericsson / JJ | agreed |  |  |
| C1-198426 | Discussion of S-NSSAI based congestion control | MediaTek Inc., Huawei, Hisilicon | noted |  |  |
| C1-198427 | Correction of S-NSSAI based congestion control | MediaTek Inc., Huawei, HiSilicon / JJ | postponed |  |  |
| C1-198428 | Handling of errors in mapped EPS bearer contexts | MediaTek Inc. / JJ | revised | C1-196428 | C1-198953 |
| C1-198429 | Discussion on 5GSM cause #29 | MediaTek Inc. / JJ | noted |  |  |
| C1-198430 | correction to the URSP coding | MediaTek Inc., ZTE | revised |  | C1-198970 |
| C1-198431 | Handling of timer expiry for emergency PDU session establishment | MediaTek Inc. / JJ | merged |  |  |
| C1-198432 | UE handling upon receipt of 5GSM #46 out of LADN service area | MediaTek Inc. / JJ | revised |  | C1-198964 |
| C1-198433 | non-emergency PDU session handling when UE is registered for emergency services. | MediaTek Inc. / JJ | revised |  | C1-198967 |
| C1-198434 | CIoT user data container in UL NAS transport message not routable | Ericsson /kaj | revised |  | C1-198949 |
| C1-198435 | CIoT user data container in CPSR message not forwarded | Ericsson /kaj | revised |  | C1-198950 |
| C1-198436 | Discussion of what indication UE should use to provide non-voice IMS services to user if it receives IMS-Voice support as “false” from network | MediaTek Inc. | noted |  |  |
| C1-198437 | Service gap control, supporting UE sends MO user data when connected when timer running | Ericsson /kaj | revised |  | C1-198951 |
| C1-198438 | Reply LS on NID structure and length (S2-1910784) | SA2 | noted |  |  |
| C1-198439 | LS reply on LS on short MAC-I and ngKSI for 5G-CIoT (S3-193715) | SA3 | noted |  |  |
| C1-198440 | Handling of maximum number of allowed active DRBs | Ericsson /kaj | merged |  |  |
| C1-198441 | LS on PC5S and PC5 RRC unicast message protection (S3-193802) | SA3 | postponed |  |  |
| C1-198442 | Reply LS on GUTI allocation for 5G CIoT (S3-193838) | SA3 | replied to |  |  |
| C1-198443 | NW enforcement, max two active user planes over NB-IoT | Ericsson /kaj | revised |  | C1-198586 |
| C1-198444 | Enforcement of maximum 2 DRB’s for UE in NB-N1 mode | Ericsson /kaj | noted |  |  |
| C1-198445 | Correction on description of Access type included in the DEREGISTRATION REQUEST message | SHARP | merged |  |  |
| C1-198446 | Addition Serving PLMN rate control IE to PDU session modification command | SHARP | merged |  |  |
| C1-198447 | Deregistration due to failed network Slice-Specific Authentication and Authorization | vivo, Motorola Mobility, Lenovo | revised | C1-197002 | C1-198576 |
| C1-198448 | Correction on the condition for including CP only indication | SHARP | revised |  | C1-198952 |
| C1-198449 | P-CSCF restoration in 5GS | Ericsson /Jörgen | agreed | C1-198171 |  |
| C1-198450 | Corrections related to ODAC for SNPN | Intel / Thomas | withdrawn |  |  |
| C1-198451 | P-CSCF restoration in 5GS | Ericsson /Jörgen | agreed | C1-198172 |  |
| C1-198452 | DNN replacement and impacts to 5GSM | Nokia, Nokia Shanghai Bell | merged |  |  |
| C1-198453 | Comparison between solutions to include S-NSSAIs in the REGISTRATION REQUEST message for various mobility scenarios | Nokia, Nokia Shanghai Bell | noted |  |  |
| C1-198454 | T3540 in Service Accept Case | Huawei, HiSilicon / Vishnu | agreed |  |  |
| C1-198455 | UE to NG-RAN interface | Nokia, Nokia Shanghai Bell | revised |  | C1-198924 |
| C1-198456 | 5GMM messages for NSSAA | Nokia, Nokia Shanghai Bell | noted |  |  |
| C1-198457 | Location conveyance in Emergency SMS | Apple | not pursued |  |  |
| C1-198458 | Access control for UE triggered V2X policy provisioning procedure | Nokia, Nokia Shanghai Bell | revised |  | C1-198635 |
| C1-198459 | Work plan for CT aspects of Vertical\_LAN | Nokia, Nokia Shanghai Bell | revised |  | C1-198724 |
| C1-198460 | Introduction of ‘Invalid mapped EPS bearer QoS’ 5GSM cause code | Apple | revised | C1-196460 | C1-198945 |
| C1-198461 | Allowing Mapped EPS bearer contexts IE to request QoS modification in PDU Session Modification request | Apple | revised | C1-196475 | C1-198946 |
| C1-198462 | Abnormal cases for 5GMM cause values #74 and #75 | Nokia, Nokia Shanghai Bell | revised |  | C1-198731 |
| C1-198463 | Latest reference version of draft TS 24.588 | LG Electronics / SangMin | noted |  |  |
| C1-198464 | Discussion Paper for Security of Performance Measurement Function Protocol | Apple | noted |  |  |
| C1-198465 | Rejected NSSAI in SNPNs | Intel / Thomas | revised |  | C1-198736 |
| C1-198466 | Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events | Nokia, Nokia Shanghai Bell | revised |  | C1-198725 |
| C1-198467 | ATSSS Performance Measurement Function Protocols and Procedures | Apple | revised | C1-196705 | C1-198708 |
| C1-198468 | ATSSS Link-Specific Multipath IPv6 Prefixes | Apple | revised |  | C1-198714 |
| C1-198469 | 5GMM cause value #74 and requirements for non-integrity protected reject messages | Nokia, Nokia Shanghai Bell | revised | C1-196277 | C1-198726 |
| C1-198470 | MA PDU Request Re-attempt Indicator | Apple | revised |  | C1-198715 |
| C1-198471 | Maintenance of forbidden TA lists for non-integrity protected NAS reject in an SNPN | Nokia, Nokia Shanghai Bell | revised |  | C1-198727 |
| C1-198472 | General description on the protocol between DS-TT and NW-TT | Nokia, Nokia Shanghai Bell | revised |  | C1-198750 |
| C1-198473 | Overview of gPTP message delivery | Nokia, Nokia Shanghai Bell | revised |  | C1-198751 |
| C1-198474 | Message class support | Apple | postponed |  |  |
| C1-198475 | Expiration time of configuration parameters for V2X communication | Huawei, HiSilicon /Christian | revised |  | C1-198636 |
| C1-198476 | Title of TS 24.535 | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C1-198477 | UE learning the non-registered identities | Ericsson /Jörgen | revised |  | C1-198672 |
| C1-198478 | Procedures between TSN AF and NW-TT | Nokia, Nokia Shanghai Bell | revised |  | C1-198757 |
| C1-198479 | Unified access class and registration | Samsung/ Kyungjoo Grace Suh | revised |  | C1-198784 |
| C1-198480 | Discussion paper on IP connectivity | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell, UIC | noted |  |  |
| C1-198481 | Correction of the definition of Network slicing information | SHARP | agreed |  |  |
| C1-198482 | Scope of TS 24.5xy | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C1-198483 | Update of UE behaviour regarding "MA DPU Request" indication for interworking with EPS | SHARP | merged |  |  |
| C1-198484 | Unified access class and service request | Samsung/ Kyungjoo Grace Suh | revised |  | C1-198785 |
| C1-198485 | Adding Port number in TSN Bridge Management | Huawei, HiSilicon/Vishnu | merged |  |  |
| C1-198486 | Service Request for multiple access PDU session | Samsung/ Kyungjoo Grace Suh | revised |  | C1-198716 |
| C1-198487 | Automatic client triggered affiliation or deaffiliation based on certain criteria | Kapsch CarrierCom France S.A.S | withdrawn |  |  |
| C1-198488 | General description for TS 24.5xy | Nokia, Nokia Shanghai Bell | revised |  | C1-198753 |
| C1-198489 | Segregation flow | Samsung/ Kyungjoo Grace Suh | revised |  | C1-198958 |
| C1-198490 | Corrections related to configured, allowed and requested NSSAI for SNPNs | Intel / Thomas | revised |  | C1-198732 |
| C1-198491 | PDU session modification triggered by service request | Samsung/ Kyungjoo Grace Suh | postponed |  |  |
| C1-198492 | Reply LS on assistance indication for WUS | Huawei, HiSilicon/Lin | revised |  | C1-198936 |
| C1-198493 | LS on GUTI allocation for MT-EDT in 5G CIoT | Huawei, HiSilicon/Lin | revised |  | C1-198587 |
| C1-198494 | Moving Annex E to TS 24.5xy | Nokia, Nokia Shanghai Bell | revised |  | C1-198754 |
| C1-198495 | Unified access class | Samsung/ Kyungjoo Grace Suh | noted |  |  |
| C1-198496 | Follow on request codepoint value | Ericsson / Mikael | revised |  | C1-198969 |
| C1-198497 | To unsubscribe from port management parameter update notification | Nokia, Nokia Shanghai Bell | revised |  | C1-198758 |
| C1-198498 | Information presented to the user for manual CAG selection | Nokia, Nokia Shanghai Bell | revised |  | C1-198767 |
| C1-198499 | Annex C removal from 24.174 | Orange / Mariusz | agreed |  |  |
| C1-198500 | Impacts to the registration procedure due to manual CAG selection | Nokia, Nokia Shanghai Bell | revised | C1-196735 | C1-198768 |
| C1-198501 | Addition of NAS Message Container 2 for LPP/LCS messages | MediaTek Inc. / Marko | revised |  | C1-198902 |
| C1-198502 | Establishment of mapped EPS security context at IDLE mode mobility from N1 mode to S1 mode | MediaTek Inc. / Marko | withdrawn |  |  |
| C1-198503 | DISC on Mobility registration accept with NSSAIs | MediaTek Inc. / Marko | withdrawn |  |  |
| C1-198504 | Clarification on Management Object for Multi-Identity | Orange / Mariusz | revised |  | C1-198674 |
| C1-198505 | PAI in case of External Alternative Identity | Orange / Mariusz | revised |  | C1-198675 |
| C1-198506 | mapped EPS bearer context without TFT | Huawei, HiSilicon/Xiaoyan, Vishnu | merged | C1-196327 |  |
| C1-198507 | UAC and abnormal case handling in registration | Samsung/ Kyungjoo Grace Suh | revised |  | C1-198786 |
| C1-198508 | No CAG access control for emergency services | Nokia, Nokia Shanghai Bell | revised |  | C1-198740 |
| C1-198509 | UAC and abnormal case handling in service request | Samsung/ Kyungjoo Grace Suh | revised |  | C1-198787 |
| C1-198510 | Removal of Editors Note on Privacy header field | Orange / Mariusz | agreed |  |  |
| C1-198511 | Coding of the CAG-ID | Nokia, Nokia Shanghai Bell | revised |  | C1-198745 |
| C1-198512 | emergency PDU session establishment upon expiry of timer T3580 | Huawei, HiSilicon/Xiaoyan, Vishnu | revised | C1-196328 | C1-198963 |
| C1-198513 | Signalling requirements corrections | Orange / Mariusz | revised |  | C1-198673 |
| C1-198514 | pCR 12.2.2 editorial correction of behaviour towards LMR users | Sepura PLC, Hytera Communications, Corp | agreed |  |  |
| C1-198515 | NAS providing AS with a "CAG information list" | Nokia, Nokia Shanghai Bell | revised |  | C1-198743 |
| C1-198516 | Clarification on figures for PLMN selection | Nokia, Nokia Shanghai Bell | revised |  | C1-198744 |
| C1-198517 | SOR call flow corrections in 23.122 | Orange, NTT DOCOMO / Mariusz | revised |  | C1-198554 |
| C1-198518 | Implicit activation and deactivation of functional alias(es) | Kapsch CarrierCom France S.A.S | revised |  | C1-198653 |
| C1-198519 | Title change, clause 4.8.2 | Ericsson /Jörgen | revised |  | C1-198676 |
| C1-198520 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | revised |  | C1-198654 |
| C1-198521 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | revised |  | C1-198655 |
| C1-198522 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | revised |  | C1-198657 |
| C1-198523 | Timer order in timer tables | Ericsson / Mikael | revised |  | C1-198909 |
| C1-198524 | Provide list of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | revised | C1-196872 | C1-198658 |
| C1-198525 | Establishment of mapped EPS security context at IDLE mode mobility from N1 mode to S1 mode | MediaTek Inc. / Marko | withdrawn |  |  |
| C1-198526 | Mobility registration accept with NSSAIs | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | revised |  | C1-198910 |
| C1-198527 | Correction to PLMN change with 5G-EA0 | MediaTek Inc. / Marko | revised |  | C1-198995 |
| C1-198528 | TAI list handling in inter-system change from 5GS to EPS | MediaTek Inc. / Marko | revised |  | C1-198928 |
| C1-198529 | TAI list handling in inter-system change from EPS to 5GS | MediaTek Inc. / Marko | revised |  | C1-198927 |
| C1-198530 | Work plan for the CT1 part of MONASTERY2 | Nokia, Nokia Shanghai Bell | noted |  |  |
| C1-198531 | Update service configuration to support communication priority for functional aliases | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | revised |  | C1-198659 |
| C1-198532 | Additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | revised |  | C1-198660 |
| C1-198533 | Update group document to support additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | revised |  | C1-198661 |
| C1-198534 | Clarification on Measurement Assistance Information | Nokia, Nokia Shanghai Bell | merged |  |  |
| C1-198535 | Clarification on ATSSS-LL feature support | Nokia, Nokia Shanghai Bell | revised |  | C1-198717 |
| C1-198536 | withdrawn | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| C1-198537 | Removal of access (un)availability report | Nokia, Nokia Shanghai Bell | postponed |  |  |
| C1-198538 | withdrawn | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| C1-198539 | Editorial on PDU session establisment request upgraded to MA PDU session | Nokia, Nokia Shanghai Bell | revised |  | C1-198718 |
| C1-198540 | File distribution over MBMS - Discussion | ENENSYS | noted |  |  |
| C1-198541 | Enhancement in emergency call location sharing flow to make it reliable | MediaTek Inc. | revised |  | C1-198681 |
| C1-198542 | File distribution over MBMS - signalling control | ENENSYS | postponed | C1-196508 |  |
| C1-198543 | Discussion paper on implementation of EAP ID acquisition for NSSAA | China Mobile | noted |  |  |
| C1-198544 | Discussion paper on recommendation of NSSAA | China Mobile | noted |  |  |
| C1-198545 | eNS-EAP ID acquisition during registration-option1 | China Mobile | withdrawn |  |  |
| C1-198546 | eNS-EAP ID acquisition during registration-option2 | China Mobile | withdrawn |  |  |
| C1-198547 | Initiation of Location Registration for RLOS | MediaTek Inc. / Marko | revised |  | C1-198575 |
| C1-198548 | Adding MCData-7 information for server-side | AT&T GNS Belgium SPRL | revised |  | C1-198685 |
| C1-198549 | Registry for OS Identities in 3GPP | InterDigital, Ericsson, Intel, Vodafone, AT&T, Nokia, Nokia Shanghai Bell, Samsung, China Mobile, Motorola Mobility, Lenovo, Charter Communications, Proximus / Atle | revised | C1-198032 | C1-198934 |
| C1-198550 | V2X UE de-registration procedure | Huawei, HiSilicon /Christian | agreed | C1-198365 |  |
| C1-198551 | Work plan for the CT1 part of 5WWC | Huawei, HiSilicon /Christian | revised | C1-198353 | C1-199002 |
| C1-198552 | Work plan for the CT1 part of eV2XARC | Huawei, HiSilicon /Christian | noted | C1-198344 |  |
| C1-198553 | Work plan for the CT1 part of V2XAPP | Huawei, HiSilicon /Christian | noted | C1-198336 |  |
| C1-198554 | SOR call flow corrections in 23.122 | Orange, NTT DOCOMO / Mariusz | revised | C1-198517 | C1-198923 |
| C1-198555 | Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT) | FirstNet / Mike | revised | C1-198241 | C1-198565 |
| C1-198556 | Addition of the INVITE without SDP usecase in forked response handling | MediaTek Inc. | revised | C1-198380 | C1-198677 |
| C1-198557 | Categorizations of allowed and rejected S-NSSAIs | Motorola Mobility, Lenovo | noted | C1-198183 |  |
| C1-198558 | Time Schedule CT1#121 | CT1 chairman | noted | C1-198005 |  |
| C1-198559 | LS on Testing and Certification of 3GPP Mission Critical features  A GCF-TCCA Joint Approach to Develop and Manage MC Certification | TCCA | postponed | - | - |
| C1-198560 | Forwarding of Reply LS on GUTI allocation for 5G CIoT | current meeting | approved | - | - |
| C1-198561 | Revised WID for CT aspect of single radio voice continuity from 5GS to 3G | China Unicom, ZTE | endorsed | C1-198193 | - |
| C1-198562 | Revised WID on CT aspects on wireless and wireline convergence for the 5G system architecture | Huawei, HiSilicon /Christian | agreed | C1-198350 | - |
| C1-198563 | New WID on Video enhancement of additional services around IMS call | Huawei, HiSilicon,CMCC,China Unicom,vivo,China Telecommunications /Hongxia | revised | C1-198372 | C1-198957 |
| C1-198564 | Revision of eMCData2 WID | AT&T | agreed | C1-198034 | - |
| C1-198565 | Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT) | FirstNet / Mike | agreed | C1-198555 | - |
| C1-198566 | CR 23.041#0202 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | revised | C1-198092 | C1-198972 |
| C1-198567 | Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | revised | C1-198093 | C1-198973 |
| C1-198568 | Retry restriction on non-3GPP access | Huawei, HiSilicon, Ericsson, MediaTek Inc. | agreed | C1-198224 | - |
| C1-198569 | No retry restriction for 5GSM cause value #39 | Huawei, HiSilicon/Lin | agreed | C1-198225 | - |
| C1-198570 | RLOS conditions for LR | Intel, Nokia, Nokia Shanghai Bell | revised | C1-198049 | C1-198974 |
| C1-198571 | Handling of forbidden PLMNs, forbidden PLMN for GPRS service and equivalent PLMNs list on ATTACH ACCEPT and TRACKING AREA ACCEPT in RLOS | MediaTek Inc., Nokia, Nokia Shanghai Bell | agreed | C1-198090 | - |
| C1-198572 | Correction to not activate PSM when UE is registered for RLOS | Samsung/Anikethan | agreed | C1-198094 | - |
| C1-198573 | Informing lower layers that access to RLOS is initiated | Ericsson | agreed | - | - |
| C1-198574 | Streamlining of UE behaviour for RLOS | Samsung, Qualcomm Incorporated, Ericsson, Nokia, Nokia Shanghai Bell | agreed | C1-198199 | - |
| C1-198575 | Initiation of Location Registration for RLOS | MediaTek Inc. / Marko | withdrawn | C1-198547 | - |
| C1-198576 | Deregistration due to failed network Slice-Specific Authentication and Authorization | vivo, Motorola Mobility, Lenovo, InterDigital | agreed | C1-198447 | - |
| C1-198577 | Slice-specific authentication and authorization procedure | Nokia, Nokia Shanghai Bell, ZTE | revised | C1-198029 | C1-198976 |
| C1-198578 | Introduction of unauthorized NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC | revised | C1-198050 | C1-198985 |
| C1-198579 | NW slice-specific authentication and authorization procedure pending | Ericsson, Motorola Mobility, Lenovo, LG Electronics | withdrawn | C1-198421 | - |
| C1-198580 | Short MAC and ngKSI in Control plane service request NAS message | Ericsson, Intel, InterDigital, Huawei, HiSilicon | agreed | C1-198054 | - |
| C1-198581 | Enhancement on CPSR for CIoT CP data transport | Huawei, HiSilicon, Vodafone, ZTE, China Mobile, China Telecom | postponed | C1-198226 | - |
| C1-198582 | ngKSI for CONTROL PLANE SERVICE REQUEST message | Nokia, Nokia Shanghai Bell /Jennifer | agreed | C1-198411 | - |
| C1-198583 | Introduction of NB-IoT UE specific DRX | QUALCOMM Europe Inc. - Italy | postponed | C1-198129 | - |
| C1-198584 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung | revised | C1-198229 | C1-198978 |
| C1-198585 | Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions | QUALCOMM Europe Inc. - Italy | postponed | C1-198127 | - |
| C1-198586 | NW enforcement, max two active user planes over NB-IoT | Ericsson /kaj | postponed | C1-198443 | - |
| C1-198587 | LS on GUTI allocation for MT-EDT in 5G CIoT | current meeting | revised | C1-198493 | C1-198782 |
| C1-198588 | UE indication of support for Mobile Terminated (MT) Early Data Transmission | QUALCOMM Europe Inc. - Italy | postponed | C1-198125 | - |
| C1-198589 | Handling for the use case when maximum allowed active DRB's have been reached | Samsung/Anikethan | postponed | C1-198074 | - |
| C1-198590 | Serving PLMN rate control at PDU session modification | Ericsson, Sharp | agreed | C1-198048 | - |
| C1-198591 | 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices | Ericsson, Nokia, Huawei, HiSilicon, Nokia Shanghai Bell, ZTE | revised | C1-198047 | C1-198979 |
| C1-198592 | Extended NAS timers for Coverage Enhancement in 5GS | current meeting | revised | - | C1-198937 |
| C1-198593 | LS on support of Control Plane CIoT 5GS Optimisation | current meeting | approved | - | - |
| C1-198594 | UE behaviour when T3448 timer running | ZTE, Ericsson | revised | C1-198085 | C1-198980 |
| C1-198595 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-198113 | - |
| C1-198596 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson | revised | C1-198114 | C1-199016 |
| C1-198597 | Applicability of existing emergency PDU session request type | Nokia, Nokia Shanghai Bell /Jennifer | agreed | C1-198115 | - |
| C1-198598 | Sending location services data from 5GMM-IDLE mode using the Control Plane Service Request message | QUALCOMM Europe Inc. - Italy | agreed | C1-198302 | - |
| C1-198599 | Transfer of Ciphering Key Information for Broadcast Location Assistance Data | Qualcomm Incorporated / Lena | agreed | C1-198289 | - |
| C1-198600 | Client User Authentication Procedure | Intel / Vivek | agreed | C1-198185 | - |
| C1-198601 | Server User Authentication Procedure | Intel / Vivek | agreed | C1-198186 | - |
| C1-198602 | Client Token Exchange Procedure | Intel / Vivek | agreed | C1-198187 | - |
| C1-198603 | Server Token Exchange Procedure | Intel / Vivek | agreed | C1-198188 | - |
| C1-198604 | Introduction of new clause 7 on Coding for TS 24.545 | Huawei, HiSilicon /Christian | revised | C1-198325 | C1-198818 |
| C1-198605 | Event-triggered location reporting procedure | Huawei, HiSilicon /Christian | agreed | C1-198326 | - |
| C1-198606 | Structure and data semantics for event-triggered location reporting procedure | Huawei, HiSilicon /Christian | agreed | C1-198327 | - |
| C1-198607 | Client-triggered or VAL server-triggered location reporting procedure | Huawei, HiSilicon /Christian | agreed | C1-198328 | - |
| C1-198608 | Structure and data semantics for client-triggered or VAL server-triggered location reporting for event-triggered location reporting procedure | Huawei, HiSilicon /Christian | revised | C1-198329 | C1-198820 |
| C1-198609 | User authentication for location management procedures | Huawei, HiSilicon /Christian | agreed | C1-198330 | - |
| C1-198610 | Introduction of new clause 7 on Coding for TS 24.548 | Huawei, HiSilicon /Christian | agreed | C1-198331 | - |
| C1-198611 | User authentication for network resource management procedures | Huawei, HiSilicon /Christian | agreed | C1-198332 | - |
| C1-198612 | Request for unicast resource at VAL service communication establishment procedure | Huawei, HiSilicon /Christian | agreed | C1-198333 | - |
| C1-198613 | LS on Unicast resource management with SIP core | current meeting | approved | - | - |
| C1-198614 | Structure and data semantics for request for unicast resource at VAL service communication establishment procedure | Huawei, HiSilicon /Christian | revised | C1-198334 | C1-198819 |
| C1-198615 | User authentication clause for group management | Samsung / Sapan | agreed | C1-198395 | - |
| C1-198616 | Group creation procedure for group management | Samsung / Sapan | revised | C1-198396 | C1-198811 |
| C1-198617 | Group query procedure for group management | Samsung / Sapan | revised | C1-198397 | C1-198812 |
| C1-198618 | Group update element procedure for group management | Samsung / Sapan | revised | C1-198398 | C1-198813 |
| C1-198619 | Group config management procedures | Samsung / Sapan | revised | C1-198399 | C1-198814 |
| C1-198620 | User authentication clause for configuration management | Samsung / Sapan | agreed | C1-198400 | - |
| C1-198621 | Configuration data fetch procedure | Samsung / Sapan | revised | C1-198402 | C1-198815 |
| C1-198622 | Configuration data update procedure | Samsung / Sapan | revised | C1-198403 | C1-198816 |
| C1-198623 | LS on Enquiries for supporting vertical applications | Huawei, HiSilicon /Christian | approved | C1-198335 | - |
| C1-198624 | V2X UE registration procedure | Huawei, HiSilicon /Christian | agreed | C1-198364 | - |
| C1-198625 | Encoding of direct link establishment messages and parameters | OPPO / Rae | revised | C1-198126 | C1-198823 |
| C1-198626 | LS to SA2 on UE policy container in UE POLICY PROVISIONING REQUEST message | current meeting | withdrawn | - | - |
| C1-198627 | Completion of UE-requested V2X policy provisioning procedure | Ericsson / Ivo | revised | C1-198164 | C1-198821 |
| C1-198628 | UPDS updates enabling UE-requested V2X policy provisioning procedure | Ericsson / Ivo | agreed | C1-198165 | - |
| C1-198629 | 5QI 86 introduction | Ericsson, vivo, OPPO | agreed | C1-198209 | - |
| C1-198630 | Latest reference version of draft TS 24.587 | Huawei, HiSilicon /Christian | noted | C1-198345 | - |
| C1-198631 | Reply LS to SA2 LS C1-198063 (eV2XARC) | current meeting | revised | - | C1-198822 |
| C1-198632 | Handling of PC5 unicast link establishment procedure | vivo, OPPO | agreed | C1-198376 | - |
| C1-198633 | Handling of PC5 unicast link modification procedure | vivo | revised | C1-198377 | C1-198817 |
| C1-198634 | PC5 unicast link release procedure | vivo | agreed | C1-198379 | - |
| C1-198635 | Access control for UE triggered V2X policy provisioning procedure | Nokia, Nokia Shanghai Bell, Huawei, HiSilicon | agreed | C1-198458 | - |
| C1-198636 | Expiration time of configuration parameters for V2X communication | Huawei, HiSilicon /Christian | agreed | C1-198475 | - |
| C1-198637 | Preconfig Regroup - 4.4.2 Warning texts | FirstNet / Mike | agreed | C1-198243 | - |
| C1-198638 | Preconfig Regroup - 6.3.1.3 SIP MESSAGE types | FirstNet / Mike | revised | C1-198244 | C1-198804 |
| C1-198639 | Preconfig Regroup - 10.1.6.1 General section | FirstNet / Mike | revised | C1-198245 | C1-198805 |
| C1-198640 | Preconfig Regroup - 10.1.6.2 Group regroup intro | FirstNet / Mike | withdrawn | C1-198246 | - |
| C1-198641 | Preconfig Regroup - 10.1.6.2.1.1 Client create request | FirstNet / Mike | revised | C1-198247 | C1-198806 |
| C1-198642 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | revised | C1-198268 | C1-198826 |
| C1-198643 | Preconfig Regroup - 10.1.6.2.1.2 Client remove request | FirstNet / Mike | agreed | C1-198248 | - |
| C1-198644 | Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request | FirstNet / Mike | revised | C1-198249 | C1-198807 |
| C1-198645 | Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request | FirstNet / Mike | revised | C1-198250 | C1-198808 |
| C1-198646 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | revised | C1-198251 | C1-198809 |
| C1-198647 | Preconfig Regroup - 10.1.6.2.2.4 Term. Partip. remove request | FirstNet / Mike | agreed | C1-198252 | - |
| C1-198648 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | revised | C1-198253 | C1-198810 |
| C1-198649 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | revised | C1-198254 | C1-198827 |
| C1-198650 | Add off-network emergency alert to MCData | AT&T | revised | C1-198035 | C1-198825 |
| C1-198651 | Adding clause for media plane procedures for pre-established session for MCData | Samsung Electronics, Motorola Solutions | revised | C1-198414 | C1-198802 |
| C1-198652 | Addition of Location information to SDS | HOME OFFICE | revised | C1-198283 | C1-198828 |
| C1-198653 | Implicit activation and deactivation of functional alias(es) | Kapsch CarrierCom France S.A.S | revised | C1-198518 | C1-198801 |
| C1-198654 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | revised | C1-198520 | C1-198803 |
| C1-198655 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | revised | C1-198521 | C1-198846 |
| C1-198656 | Automatic activation and deactivation of functional aliases based on location | Nokia, Nokia Shanghai Bell | agreed | C1-196816 | - |
| C1-198657 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | revised | C1-198522 | C1-198847 |
| C1-198658 | Provide list of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | revised | C1-198524 | C1-198843 |
| C1-198659 | Update service configuration to support communication priority for functional aliases | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | agreed | C1-198531 | - |
| C1-198660 | Additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | agreed | C1-198532 | - |
| C1-198661 | Update group document to support additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | agreed | C1-198533 | - |
| C1-198662 | TS 29.379 Emergency alert cancel self authorization removal | L3Harris Technologies | agreed | C1-198104 | - |
| C1-198663 | TS 29.379 EN SIP 501 removal | L3Harris Technologies | agreed | C1-198206 | - |
| C1-198664 | TS 29.379 Non-3GPP message | L3Harris Technologies | revised | C1-198207 | C1-198824 |
| C1-198665 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | agreed | C1-198272 | - |
| C1-198666 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198274 | C1-198829 |
| C1-198667 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198275 | C1-198830 |
| C1-198668 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198276 | C1-198831 |
| C1-198669 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198277 | C1-198832 |
| C1-198670 | Skeleton of 24.abc | Ericsson Jörgen | revised | C1-198313 | C1-198834 |
| C1-198671 | Call log synchronization procedures | Ericsson, ORANGE | agreed | C1-198355 | - |
| C1-198672 | UE learning the non-registered identities | Ericsson, ORANGE | agreed | C1-198477 | - |
| C1-198673 | Signalling requirements corrections | Orange / Mariusz | agreed | C1-198513 | - |
| C1-198674 | Clarification on Management Object for Multi-Identity | Orange / Mariusz | agreed | C1-198504 | - |
| C1-198675 | PAI in case of External Alternative Identity | Orange / Mariusz | revised | C1-198505 | C1-198842 |
| C1-198676 | Title change, clause 4.8.2 | Ericsson /Jörgen | agreed | C1-198519 | - |
| C1-198677 | Addition of the INVITE without SDP usecase in forked response handling | MediaTek Inc. | postponed | C1-198556 | - |
| C1-198678 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | revised | C1-198382 | C1-198859 |
| C1-198679 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | revised | C1-198384 | C1-198860 |
| C1-198680 | Enhancemets related to how UE should handle conference subscription failure | MediaTek Inc. | agreed | C1-198401 | - |
| C1-198681 | Enhancement in emergency call location sharing flow to make it reliable | MediaTek Inc. | postponed | C1-198541 | - |
| C1-198682 | Correct MCVideo location schema | AT&T | agreed | C1-198038 | - |
| C1-198683 | Correct MCData location schema | AT&T | agreed | C1-198039 | - |
| C1-198684 | TS 24.484 Fix init config xsd file | L3Harris Technologies | agreed | C1-198204 | - |
| C1-198685 | Adding MCData-7 information for server-side | AT&T GNS Belgium SPRL | postponed | C1-198548 | - |
| C1-198686 | Editorial corrections | FirstNet / Mike | agreed | C1-198282 | - |
| C1-198687 | Preconfig Regroup - 10.1.6.2.3.3 Control. remove decision | FirstNet / Mike | agreed | C1-198255 | - |
| C1-198688 | Preconfig Regroup - 10.1.6.2.4.1 Non-control. create request | FirstNet / Mike | agreed | C1-198256 | - |
| C1-198689 | Preconfig Regroup - 10.1.6.2.4.2 Non-control. remove request | FirstNet / Mike | agreed | C1-198257 | - |
| C1-198690 | Preconfig Regroup - 10.1.6.3.1.1 Client create request | FirstNet / Mike | revised | C1-198259 | C1-198835 |
| C1-198691 | Preconfig Regroup - 10.1.6.3.1.2 Client remove request | FirstNet / Mike | agreed | C1-198260 | - |
| C1-198692 | Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request | FirstNet / Mike | revised | C1-198261 | C1-198836 |
| C1-198693 | Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request | FirstNet / Mike | revised | C1-198262 | C1-198837 |
| C1-198694 | Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request | FirstNet / Mike | revised | C1-198263 | C1-198838 |
| C1-198695 | Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request | FirstNet / Mike | revised | C1-198264 | C1-198839 |
| C1-198696 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | revised | C1-198265 | C1-198840 |
| C1-198697 | Preconfig Regroup - 10.1.6.3.3.2 Control. remove request | FirstNet / Mike | revised | C1-198266 | C1-198841 |
| C1-198698 | Preconfig Regroup - 10.1.6.3.3.3 Control. remove decision | FirstNet / Mike | agreed | C1-198267 | - |
| C1-198699 | List of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | agreed | - | - |
| C1-198700 | Correct EPS SRVCC support indication when registering with 5GS | BlackBerry UK Ltd. | postponed | C1-198014 | - |
| C1-198701 | Correct WLAN 3GPP-based access authentication procedure | BlackBerry UK Ltd. | postponed | C1-198023 | - |
| C1-198702 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | revised | C1-198117 | C1-198982 |
| C1-198703 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | revised | C1-198118 | C1-198983 |
| C1-198704 | Fix PDU Session ID mismatch between UE and AMF | NEC Corporation | withdrawn | C1-198196 | - |
| C1-198705 | Rejected NSSAI | vivo / Yanchao | agreed | C1-198301 | - |
| C1-198706 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | agreed | C1-198408 | - |
| C1-198707 | Performance management function protocol | Ericsson, InterDigital, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, ZTE / Ivo | revised | C1-198028 | C1-199052 |
| C1-198708 | ATSSS Performance Measurement Function Protocols and Procedures | Apple, Deutsche Telekom, Charter Communications | revised | C1-198467 | C1-199015 |
| C1-198709 | Resolution of editor's note on whether the PDN connection can be converted to MA PDU session if the PDN connection was initially established in 5GS | Huawei, HiSilicon, OPPO, Sharp | agreed | C1-198343 | - |
| C1-198710 | Revised WID on CT aspects of support for integrated access and backhaul (IAB) | Qualcomm Incorporated | endorsed | CP-192256 | - |
| C1-198711 | Align with stage-2 conditions UE requests MA PDU session after interworking | OPPO, Huawei, HiSilicon | postponed | C1-198133 | - |
| C1-198712 | EPS interworking update for MA PDU session of 5G-RG | Ericsson, Charter Communication, CableLabs, Nokia, Nokia Shanghai Bell | agreed | C1-198240 | - |
| C1-198713 | Availability and unavailability reports for MPTCP steering functionality | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | agreed | C1-198340 | - |
| C1-198714 | ATSSS Link-Specific Multipath IPv6 Prefixes | Apple | agreed | C1-198468 | - |
| C1-198715 | MA PDU Request Re-attempt Indicator | Apple | postponed | C1-198470 | - |
| C1-198716 | Service Request for multiple access PDU session | Samsung/ Kyungjoo Grace Suh | revised | C1-198486 | C1-198984 |
| C1-198717 | Clarification on ATSSS-LL feature support | Nokia, Nokia Shanghai Bell, MediaTek Inc., Apple | revised | C1-198535 | C1-199036 |
| C1-198718 | Editorial on PDU session establisment request upgraded to MA PDU session | Nokia, Nokia Shanghai Bell | agreed | C1-198539 | - |
| C1-198719 | UE Location Privacy Setting | CATT | postponed | C1-198374 | - |
| C1-198720 | LCS messages and coding | CATT | agreed | C1-198381 | - |
| C1-198721 | Addition of NID to AN parameters | Qualcomm Incorporated / Lena | agreed | C1-198295 | - |
| C1-198722 | Subscriber identifier when USIM credentials are used to access an SNPN | Qualcomm Incorporated / Lena | revised | C1-198293 | C1-198986 |
| C1-198723 | Enabling the use of USIM credentials in SNPNs | Qualcomm Incorporated / Lena | revised | C1-198294 | C1-198988 |
| C1-198724 | Work plan for CT aspects of Vertical\_LAN | Nokia, Nokia Shanghai Bell | noted | C1-198459 | - |
| C1-198725 | Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events | Nokia, Nokia Shanghai Bell | revised | C1-198466 | C1-199054 |
| C1-198726 | 5GMM cause value #74 and requirements for non-integrity protected reject messages | Nokia, Nokia Shanghai Bell | agreed | C1-198469 | - |
| C1-198727 | Maintenance of forbidden TA lists for non-integrity protected NAS reject in an SNPN | Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, Ericsson | agreed | C1-198471 | - |
| C1-198728 | Maintenance of forbidden TA lists for non-integrity protected NAS reject | Huawei, HiSilicon, MediaTek Inc. Nokia, Nokia Shanghai Bell | agreed | C1-196795 | - |
| C1-198729 | Clarification to forbidden TAI lists for SNPN | Huawei, HiSilicon, Ericsson, Nokia, Nokia Shanghai Bell | agreed | C1-196723 | - |
| C1-198730 | Additional abnormal cases in SNPN | Intel / Thomas | agreed | C1-198176 | - |
| C1-198731 | Abnormal cases for 5GMM cause values #74 and #75 | Nokia, Nokia Shanghai Bell | revised | C1-198462 | C1-199037 |
| C1-198732 | Corrections related to configured, allowed and requested NSSAI for SNPNs | Intel / Thomas | withdrawn | C1-198490 | - |
| C1-198733 | Add the missing SNPN when UE uses GUTI in initial registration | OPPO | agreed | C1-198135 | - |
| C1-198734 | CAG only UE and emergency procedure | Samsung, Intel | revised | C1-198352 | C1-198989 |
| C1-198735 | Compromise solution for Manual CAG selection outside Allowed list | Huawei, HiSilicon, Samsung | revised | C1-198237 | C1-198765 |
| C1-198736 | Rejected NSSAI in SNPNs | Intel / Thomas | agreed | C1-198465 | - |
| C1-198737 | Removal of CAG suscription while emergency PDU session is established. | Huawei, HiSilicon / Vishnu | revised | C1-198314 | C1-198990 |
| C1-198738 | Handling of Service request message in a non-subscribed CAG cell | Huawei, HiSilicon / Vishnu | revised | C1-198320 | C1-198991 |
| C1-198739 | Defenition of CAG cell, CAG ID and CAG selection | Huawei, HiSilicon, Ericsson | agreed | C1-198319 | - |
| C1-198740 | No CAG access control for emergency services | Nokia, Nokia Shanghai Bell | agreed | C1-198508 | - |
| C1-198741 | Updation of LIMITED SERVICE state for CAG | Huawei, HiSilicon / Vishnu | agreed | C1-198321 | - |
| C1-198742 | Handling of 5GMM cause#76 without integrity protected | Samsung R&D Institute India | postponed | C1-198354 | - |
| C1-198743 | NAS providing AS with a "CAG information list" | Nokia, Nokia Shanghai Bell | agreed | C1-198515 | - |
| C1-198744 | Clarification on figures for PLMN selection | Nokia, Nokia Shanghai Bell | agreed | C1-198516 | - |
| C1-198745 | Coding of the CAG-ID | Nokia, Nokia Shanghai Bell | revised | C1-198511 | C1-199022 |
| C1-198746 | Introduction of NSSAI efficient signalling for IoT devices | Qualcomm Incorporated, vivo, ZTE, InterDigital | revised | C1-198079 | C1-198981 |
| C1-198747 | A single DS-TT associated with a PDU session | Nokia, Nokia Shanghai Bell | postponed | C1-196138 | - |
| C1-198748 | LS on gPTP message delivery to DS-TT | current meeting | approved | - | - |
| C1-198749 | Signalling of ingress time | Qualcomm Incorporated / Lena | agreed | C1-198296 | - |
| C1-198750 | General description on the protocol between DS-TT and NW-TT | Nokia, Nokia Shanghai Bell | agreed | C1-198472 | - |
| C1-198751 | Overview of gPTP message delivery | Nokia, Nokia Shanghai Bell | revised | C1-198473 | C1-199023 |
| C1-198752 | Skeleton of 3GPP TS 24.5xy: "TSN Application Function (AF) to Device-side TSN Translator (DS-TT) and Network-side TSN Translator (NW-TT) protocol aspects; Stage 3" | Nokia, Nokia Shanghai Bell | agreed | C1-198015 | - |
| C1-198753 | General description for TS 24.5xy | Nokia, Nokia Shanghai Bell | agreed | C1-198488 | - |
| C1-198754 | Moving Annex E to TS 24.5xy | Nokia, Nokia Shanghai Bell, BlackBerry | revised | C1-198494 | C1-198993 |
| C1-198755 | DS-TT initiated exchange of port management capabilities | Intel, Nokia, Nokia Shanghai Bell, Ericsson | revised | C1-198173 | C1-199024 |
| C1-198756 | Exchange of port management capabilities during PDU session establishment | Intel, Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-198175 | - |
| C1-198757 | Procedures between TSN AF and NW-TT | Nokia, Nokia Shanghai Bell, Verizon, Ericsson | agreed | C1-198478 | - |
| C1-198758 | To unsubscribe from port management parameter update notification | Nokia, Nokia Shanghai Bell, Verizon | agreed | C1-198497 | - |
| C1-198759 | Transmission of the UE CAG capability to the network | Samsung, Ericsson, Vodafone, Deutsche Telekom | agreed | C1-198349 | - |
| C1-198760 | Usage of PDU session identity for the PDU sessions requested by the TWIF | Ericsson / Ivo | agreed | C1-198152 | - |
| C1-198761 | PDU session handling for 5NCW device | Motorola Mobility, Lenovo | postponed | C1-198020 | - |
| C1-198762 | WLAN and PLMN selection procedures for a N5CW device | Motorola mobility, Lenovo, BlackBerry UK Ltd. | agreed | C1-198119 | - |
| C1-198763 | 5G-RG and W-AGF acting on behalf of FN-RG usage of URSP | Ericsson, CableLabs / Ivo | agreed | C1-198153 | - |
| C1-198764 | PLMN selection for wireline access | Ericsson, CableLabs, Charter Communications, Huawei, HiSilicon | agreed | C1-198157 | - |
| C1-198765 | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon, Samsung | revised | C1-198735 | C1-198960 |
| C1-198766 | LS on Manual CAG Selection | current meeting | revised | - | C1-198938 |
| C1-198767 | Information presented to the user for manual CAG selection | Nokia, Nokia Shanghai Bell | postponed | C1-198498 | - |
| C1-198768 | Impacts to the registration procedure due to manual CAG selection | Nokia, Nokia Shanghai Bell | postponed | C1-198500 | - |
| C1-198769 | Updates for Manual CAS selection | Huawei, HiSilicon / Vishnu | revised | C1-198309 | C1-198992 |
| C1-198770 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | revised | C1-198370 | C1-199014 |
| C1-198771 | Correction to the handling of cause #62 | Samsung/Anikethan | postponed | C1-198073 | - |
| C1-198772 | NW slice authentication and authorization failure and revocation | Ericsson /kaj | postponed | C1-198075 | - |
| C1-198773 | UE behavoir on rejected NSSAI due to failed NSSAA | vivo, ZTE | revised | C1-198308 | C1-199013 |
| C1-198774 | Registration reject due to no allowed slices and NW slice specific authentication and authorization | Ericsson | agreed | C1-198076 | - |
| C1-198775 | Removal of Editor’s note on conditions of accepting registration | ZTE, Ericsson | agreed | C1-198082 | - |
| C1-198776 | No info on S-NSSAI subject to NSSAA in UE | OPPO / Rae | agreed | C1-198131 | - |
| C1-198777 | Network slice authentication and emergency procedure | Samsung R&D Institute India /Kundan | revised | C1-198363 | C1-198977 |
| C1-198778 | UE behavior on Network slice authentication failure | Samsung R&D Institute India /Kundan | postponed | C1-198366 | - |
| C1-198779 | Preventing UE waiting for completion of NSSAA indefinitely – Atl1 NW timer | NEC | postponed | C1-198368 | - |
| C1-198780 | Preventing UE waiting for completion of NSSAA indefinitely - Atl2UE timer | NEC, InterDigital | postponed | C1-198369 | - |
| C1-198781 | NSSAA pending, prevent UE to wait indefinitely | Ericsson /kaj | postponed | C1-198420 | - |
| C1-198782 | LS on GUTI allocation for MT-EDT in 5G CIoT | current meeting | revised | C1-198587 | C1-199005 |
| C1-198783 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | agreed | C1-198407 | - |
| C1-198784 | Handling of UAC for an MO IMS registration related signalling | Samsung/ Kyungjoo Grace Suh | agreed | C1-198479 | - |
| C1-198785 | Unified access class and service request | Samsung/ Kyungjoo Grace Suh | merged | C1-198484 | - |
| C1-198786 | UAC and abnormal case handling in registration | Samsung/ Kyungjoo Grace Suh | merged | C1-198507 | - |
| C1-198787 | UAC and abnormal case handling in service request | Samsung/ Kyungjoo Grace Suh | merged | C1-198509 | - |
| C1-198788 | Pre-configured URSP rules in USIM | LG Electronics, Verizon, THALES, T-Mobile USA, Sprint, SK Telecom, LG Uplus, IDEMIA, AT&T, Bell Canada, MediaTek Inc., Charter Communications, Nokia, Nokia Shanghai Bell, Intel, Ericsson | agreed | C1-198373 | - |
| C1-198789 | Address EN on IMEI transfer from 5GS using N26 | BlackBerry UK Ltd. | revised | C1-198011 | C1-199027 |
| C1-198790 | Correcting text and format | Motorola Mobility, Lenovo | withdrawn | C1-198031 | - |
| C1-198791 | Unified Access Control for IMS registration related signalling | NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT, Samsung | agreed | C1-198197 | - |
| C1-198792 | Procedure for MO IMS related signalling started indication for UAC | NTT DOCOMO, Huawei, HiSillicon, Intel, Ericsson, NEC, SHARP, MediaTek, NTT, KDDI, Samsung | agreed | C1-198198 | - |
| C1-198793 | Correct port management information container reference | BlackBerry UK Limited | withdrawn | C1-196135 | - |
| C1-198794 | Correction of handling of detach procedure in ATTEMPTING-TO-UPDATE | Intel | agreed | C1-198105 | - |
| C1-198795 | Correction of handling of de-registration procedure in ATTEMPTING-REGISTRATION-UPDATE | Intel | agreed | C1-198106 | - |
| C1-198796 | Correction of handling of GPRS detach procedure in ATTEMPTING-TO-UPDATE | Intel | agreed | C1-198107 | - |
| C1-198797 | Corrections and enhancements for T3440 | Intel | agreed | C1-198108 | - |
| C1-198798 | Corrections and enhancements for T3540 | Intel | agreed | C1-198109 | - |
| C1-198799 | Corrections and enhancements for T3340 | Intel | agreed | C1-198110 | - |
| C1-198800 | List of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | revised | - | C1-198844 |
| C1-198801 | Implicit activation and deactivation of functional alias(es) | Kapsch CarrierCom France S.A.S | agreed | C1-198653 | - |
| C1-198802 | Adding clause for media plane procedures for pre-established session for MCData | Samsung Electronics, Motorola Solutions | agreed | C1-198651 | - |
| C1-198803 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | postponed | C1-198654 | - |
| C1-198804 | Preconfig Regroup - 6.3.1.3 SIP MESSAGE types | FirstNet / Mike | agreed | C1-198638 | - |
| C1-198805 | Preconfig Regroup - 10.1.6.1 General section | FirstNet / Mike | agreed | C1-198639 | - |
| C1-198806 | Preconfig Regroup - 10.1.6.2.1.1 Client create request | FirstNet / Mike | agreed | C1-198641 | - |
| C1-198807 | Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request | FirstNet / Mike | agreed | C1-198644 | - |
| C1-198808 | Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request | FirstNet / Mike | agreed | C1-198645 | - |
| C1-198809 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | revised | C1-198646 | C1-198852 |
| C1-198810 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | revised | C1-198648 | C1-198853 |
| C1-198811 | Group creation procedure for group management | Samsung / Sapan | agreed | C1-198616 | - |
| C1-198812 | Group query procedure for group management | Samsung / Sapan | agreed | C1-198617 | - |
| C1-198813 | Group update element procedure for group management | Samsung / Sapan | agreed | C1-198618 | - |
| C1-198814 | Group config management procedures | Samsung / Sapan | agreed | C1-198619 | - |
| C1-198815 | Configuration data fetch procedure | Samsung / Sapan | agreed | C1-198621 | - |
| C1-198816 | Configuration data update procedure | Samsung / Sapan | agreed | C1-198622 | - |
| C1-198817 | Handling of PC5 unicast link modification procedure | vivo | agreed | C1-198633 | - |
| C1-198818 | Introduction of new clause 7 on Coding for TS 24.545 | Huawei, HiSilicon /Christian | agreed | C1-198604 | - |
| C1-198819 | Structure and data semantics for request for unicast resource at VAL service communication establishment procedure | Huawei, HiSilicon /Christian | agreed | C1-198614 | - |
| C1-198820 | Structure and data semantics for client-triggered or VAL server-triggered location reporting for event-triggered location reporting procedure | Huawei, HiSilicon /Christian | agreed | C1-198608 | - |
| C1-198821 | Completion of UE-requested V2X policy provisioning procedure | Ericsson / Ivo | agreed | C1-198627 | - |
| C1-198822 | LS on "set of configuration parameters" in the precedence of the V2X configuration parameters | current meeting | approved | C1-198631 | - |
| C1-198823 | Encoding of direct link establishment messages and parameters | OPPO / Rae | agreed | C1-198625 | - |
| C1-198824 | TS 29.379 Non-3GPP message | L3Harris Technologies | revised | C1-198664 | C1-198845 |
| C1-198825 | Add off-network emergency alert to MCData | AT&T | revised | C1-198650 | C1-198858 |
| C1-198826 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | revised | C1-198642 | C1-198854 |
| C1-198827 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | revised | C1-198649 | C1-198856 |
| C1-198828 | Addition of Location information to SDS | HOME OFFICE | revised | C1-198652 | C1-198855 |
| C1-198829 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198666 | C1-198848 |
| C1-198830 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198667 | C1-198849 |
| C1-198831 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198668 | C1-198850 |
| C1-198832 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | revised | C1-198669 | C1-198851 |
| C1-198833 | Clause 4: MuD and MiD MO | Ericsson /Jörgen | agreed | C1-198316 | - |
| C1-198834 | Skeleton of 24.abc | Ericsson Jörgen | agreed | C1-198670 | - |
| C1-198835 | Preconfig Regroup - 10.1.6.3.1.1 Client create request | FirstNet / Mike | agreed | C1-198690 | - |
| C1-198836 | Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request | FirstNet / Mike | agreed | C1-198692 | - |
| C1-198837 | Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request | FirstNet / Mike | agreed | C1-198693 | - |
| C1-198838 | Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request | FirstNet / Mike | agreed | C1-198694 | - |
| C1-198839 | Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request | FirstNet / Mike | agreed | C1-198695 | - |
| C1-198840 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | revised | C1-198696 | C1-198857 |
| C1-198841 | Preconfig Regroup - 10.1.6.3.3.2 Control. remove request | FirstNet / Mike | agreed | C1-198697 | - |
| C1-198842 | PAI in case of External Alternative Identity | Orange / Mariusz | agreed | C1-198675 | - |
| C1-198843 | Provide list of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | agreed | C1-198658 | - |
| C1-198844 | List of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | agreed | C1-198800 | - |
| C1-198845 | TS 29.379 Non-3GPP message | L3Harris Technologies | agreed | C1-198824 | - |
| C1-198846 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | postponed | C1-198655 | - |
| C1-198847 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | postponed | C1-198657 | - |
| C1-198848 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | agreed | C1-198829 | - |
| C1-198849 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | agreed | C1-198830 | - |
| C1-198850 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | agreed | C1-198831 | - |
| C1-198851 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | agreed | C1-198832 | - |
| C1-198852 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | agreed | C1-198809 | - |
| C1-198853 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | agreed | C1-198810 | - |
| C1-198854 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | agreed | C1-198826 | - |
| C1-198855 | Addition of Location information to SDS | HOME OFFICE | agreed | C1-198828 | - |
| C1-198856 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | agreed | C1-198827 | - |
| C1-198857 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | agreed | C1-198840 | - |
| C1-198858 | Add off-network emergency alert to MCData | AT&T | agreed | C1-198825 | - |
| C1-198859 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | withdrawn | C1-198678 | - |
| C1-198860 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | revised | C1-198679 | C1-199028 |
| C1-198861 | (reserved) | void | withdrawn | - | - |
| C1-198862 | (reserved) | void | withdrawn | - | - |
| C1-198863 | (reserved) | void | withdrawn | - | - |
| C1-198864 | (reserved) | void | withdrawn | - | - |
| C1-198865 | (reserved) | void | withdrawn | - | - |
| C1-198866 | (reserved) | void | withdrawn | - | - |
| C1-198867 | (reserved) | void | withdrawn | - | - |
| C1-198868 | (reserved) | void | withdrawn | - | - |
| C1-198869 | (reserved) | void | withdrawn | - | - |
| C1-198870 | (reserved) | void | withdrawn | - | - |
| C1-198871 | (reserved) | void | withdrawn | - | - |
| C1-198872 | (reserved) | void | withdrawn | - | - |
| C1-198873 | (reserved) | void | withdrawn | - | - |
| C1-198874 | (reserved) | void | withdrawn | - | - |
| C1-198875 | (reserved) | void | withdrawn | - | - |
| C1-198876 | (reserved) | void | withdrawn | - | - |
| C1-198877 | (reserved) | void | withdrawn | - | - |
| C1-198878 | (reserved) | void | withdrawn | - | - |
| C1-198879 | (reserved) | void | withdrawn | - | - |
| C1-198880 | (reserved) | void | withdrawn | - | - |
| C1-198881 | (reserved) | void | withdrawn | - | - |
| C1-198882 | (reserved) | void | withdrawn | - | - |
| C1-198883 | (reserved) | void | withdrawn | - | - |
| C1-198884 | (reserved) | void | withdrawn | - | - |
| C1-198885 | (reserved) | void | withdrawn | - | - |
| C1-198886 | (reserved) | void | withdrawn | - | - |
| C1-198887 | (reserved) | void | withdrawn | - | - |
| C1-198888 | (reserved) | void | withdrawn | - | - |
| C1-198889 | (reserved) | void | withdrawn | - | - |
| C1-198890 | (reserved) | void | withdrawn | - | - |
| C1-198891 | (reserved) | void | withdrawn | - | - |
| C1-198892 | (reserved) | void | withdrawn | - | - |
| C1-198893 | (reserved) | void | withdrawn | - | - |
| C1-198894 | (reserved) | void | withdrawn | - | - |
| C1-198895 | (reserved) | void | withdrawn | - | - |
| C1-198896 | (reserved) | void | withdrawn | - | - |
| C1-198897 | (reserved) | void | withdrawn | - | - |
| C1-198898 | (reserved) | void | withdrawn | - | - |
| C1-198899 | (reserved) | void | withdrawn | - | - |
| C1-198900 | Support of UE paging probability for WUS-general part | Huawei, HiSilicon/Lin | agreed | C1-198232 | - |
| C1-198901 | Support of UE paging probability for WUS-procedure part | Huawei, HiSilicon/Lin | revised | C1-198233 | C1-199045 |
| C1-198902 | Addition of NAS Message Container 2 for LPP/LCS messages | MediaTek Inc. / Marko | postponed | C1-198501 | - |
| C1-198903 | Clarification for URSP evaluation | OPPO | agreed | C1-198134 | - |
| C1-198904 | Clarification on the Mapped EPS bearer context | QUALCOMM Europe Inc. - Italy | agreed | C1-198052 | - |
| C1-198905 | NSSAI Handling in Roaming Cases | QUALCOMM Europe Inc. - Italy | withdrawn | C1-198077 | - |
| C1-198906 | Correction to delivery of mapped S-NSSAI(s) | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | revised | C1-198137 | C1-199050 |
| C1-198907 | Handling of maximum number of allowed active DRBs | OPPO, Blackberry UK Ltd., Huawei, HiSilicon, Interdigital, Ericsson | revised | C1-196998 | C1-199038 |
| C1-198908 | Deletion of UE radio capability in the network | Huawei, HiSilicon, Samsung | agreed | C1-198221 | - |
| C1-198909 | Timer order in timer tables | Ericsson / Mikael | agreed | C1-198523 | - |
| C1-198910 | Mobility registration accept with NSSAIs | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | agreed | C1-198526 | - |
| C1-198911 | DNN replacement | Nokia, Nokia Shanghai Bell | merged | - | - |
| C1-198912 | DNN Replacement | Ericsson, Nokia, Nokia Shanghai Bell | agreed | C1-198096 | - |
| C1-198913 | Emergency registered state handling | Samsung | agreed | C1-198095 | - |
| C1-198914 | Service based interface between UDM and SoR-AF | Nokia, Nokia Shanghai Bell /Jennifer | revised | C1-198409 | C1-199029 |
| C1-198915 | Correction to the coding of EPS bearer identity | MediaTek Inc., Huawei, HiSilicon, ZTE, CATT, Intel, Ericsson | agreed | C1-198423 | - |
| C1-198916 | Correcting DDX description | BlackBerry UK Ltd. | revised | C1-196030 | C1-199033 |
| C1-198917 | LS on Dual-registration requirements for EHPLMNs | current meeting | revised | - | C1-199006 |
| C1-198918 | UE checking the active EPS bearer ID for mapped QoS flows | Huawei, HiSilicon/Lin | agreed | C1-198215 | - |
| C1-198919 | Determination of Emergency Services Fallback support in the AMF | BlackBerry UK Ltd. | revised | C1-198236 | C1-198994 |
| C1-198920 | Receiving deregistration with cause #72 when registered for both 3GPP and Non-3GPP access | MediaTek Inc., ZTE, Samsung, SHARP | agreed | C1-198141 | - |
| C1-198921 | Removal of an editor's note | Motorola Mobility, Lenovo | revised | C1-198021 | C1-199039 |
| C1-198922 | Apply ANDSP of equivalent PLMN | OPPO, Ericsson, Qualcomm Incorporated | agreed | C1-198124 | - |
| C1-198923 | SOR call flow corrections in 23.122 | Orange, NTT DOCOMO, Nokia, Nokia Shanghai Bell | agreed | C1-198554 | - |
| C1-198924 | UE to NG-RAN interface | Nokia, Nokia Shanghai Bell | revised | C1-198455 | C1-199030 |
| C1-198925 | Handling of wait time during resume procedure | Samsung/Kundan | withdrawn | C1-198356 | - |
| C1-198926 | Handling multiple QoS errors during a PDU session modification procedure – Option 1 | Qualcomm Incorporated, MediaTek Inc., Ericsson | revised | C1-198122 | C1-199053 |
| C1-198927 | TAI list handling in inter-system change from EPS to 5GS | MediaTek Inc. / Marko | postponed | C1-198529 | - |
| C1-198928 | TAI list handling in inter-system change from 5GS to EPS | MediaTek Inc. / Marko | postponed | C1-198528 | - |
| C1-198929 | Storage of allowed NSSAI for PLMNs in TAI list | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, OPPO, Ericsson | postponed | C1-198322 | - |
| C1-198930 | Association of NSSAI with default EPS bearer context | Intel / Vivek | agreed | C1-198192 | - |
| C1-198931 | Provide handover of ongoing MMTEL voice or MMTEL video from non-3GPP access indication to NAS | Qualcomm Incorporated, Ericsson | agreed | C1-198388 | - |
| C1-198932 | Provide handover of ongoing SMS over IP network from non-3GPP access indication to NAS | Qualcomm Incorporated, Ericsson | agreed | C1-198389 | - |
| C1-198933 | Further introduce support for 5G-SRVCC | BlackBerry UK Limited | agreed | C1-198306 | - |
| C1-198934 | Registry for OS Identities in 3GPP | InterDigital, Ericsson, Intel, Vodafone, AT&T, Nokia, Nokia Shanghai Bell, Samsung, China Mobile, Motorola Mobility, Lenovo, Charter Communications, Proximus / Atle | noted | C1-198549 | - |
| C1-198935 | LS on enhanced access control for IMS signalling | current meeting | revised | C1-198200 | C1-199007 |
| C1-198936 | Reply LS on assistance indication for WUS | Huawei, HiSilicon/Lin | revised | C1-198492 | C1-199008 |
| C1-198937 | Extended NAS timers for Coverage Enhancement in 5GS | current meeting | revised | C1-198592 | C1-199034 |
| C1-198938 | LS on Manual CAG Selection | current meeting | revised | C1-198766 | C1-198959 |
| C1-198939 | Clarification about when server should reject MAX\_CONNECTION\_REACHED error for PDN connection request | MediaTek Inc. | postponed | C1-198391 | - |
| C1-198940 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | postponed | C1-198386 | - |
| C1-198941 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | postponed | C1-198387 | - |
| C1-198942 | Abnormal cases for port number management | Intel / Vivek | revised | C1-198190 | C1-199020 |
| C1-198943 | Handling of parameters stored in the ME memory | Samsung R&D Institute India/ Kundan | revised | C1-198360 | C1-199057 |
| C1-198944 | Handling of MCS data in various 5GMM states | Samsung/Kundan | postponed | C1-198361 | - |
| C1-198945 | Introduction of ‘Invalid mapped EPS bearer QoS’ 5GSM cause code | Apple | withdrawn | C1-198460 | - |
| C1-198946 | Allowing Mapped EPS bearer contexts IE to request QoS modification in PDU Session Modification request | Apple | withdrawn | C1-198461 | - |
| C1-198947 | Correction of the format of CIoT small data container | InterDigital France R&D, SAS | agreed | C1-198304 | - |
| C1-198948 | Abnormal case handling for uplink NAS transport for non-supporting Ues | Nokia, Nokia Shanghai Bell /Jennifer | agreed | C1-198422 | - |
| C1-198949 | CIoT user data container in UL NAS transport message not routable | Ericsson /kaj | agreed | C1-198434 | - |
| C1-198950 | CIoT user data container in CPSR message not forwarded | Ericsson, InterDigital | postponed | C1-198435 | - |
| C1-198951 | Service gap control, supporting UE sends MO user data when connected when timer running | Ericsson /kaj | agreed | C1-198437 | - |
| C1-198952 | Correction on the condition for including CP only indication | SHARP | revised | C1-198448 | C1-199017 |
| C1-198953 | Handling of errors in mapped EPS bearer contexts | MediaTek Inc., Huawei, HiSilicon | agreed | C1-198428 | - |
| C1-198954 | IMEI and IMEISV formats support | Ericsson | agreed | C1-198413 | - |
| C1-198955 | Corrections on dynamic update of SOR information using SOR-AF | Nokia, Nokia Shanghai Bell /Jennifer | revised | C1-198410 | C1-199042 |
| C1-198956 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | revised | C1-198220 | C1-199060 |
| C1-198957 | New WID on Video enhancement of IMS CRS/CAT/announcement services | Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom | revised | C1-198563 | C1-199049 |
| C1-198958 | Segregation flow | Samsung/ Kyungjoo Grace Suh | postponed | C1-198489 | - |
| C1-198959 | LS on Manual CAG Selection | current meeting | revised | C1-198938 | C1-199009 |
| C1-198960 | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon, Samsung, Nokia, Nokia Shanghai Bell | revised | C1-198765 | C1-199010 |
| C1-198961 | Faulty and missing reference | Ericsson / Mikael | agreed | C1-198097 | - |
| C1-198962 | Correction to UE abnormal case in initial registration | MediaTek Inc. / Marko | postponed | C1-198138 | - |
| C1-198963 | emergency PDU session establishment upon expiry of timer T3580 | Huawei, HiSilicon, MediaTek Inc | agreed | C1-198512 | - |
| C1-198964 | UE handling upon receipt of 5GSM #46 out of LADN service area | MediaTek Inc. / JJ | agreed | C1-198432 | - |
| C1-198965 | Restructing the logic of providing UE ID for initial NAS message routing | Huawei, HiSilicon/Lin | agreed | C1-198213 | - |
| C1-198966 | PEI format for non-3GPP access only UE | Ericsson | agreed | C1-198416 | - |
| C1-198967 | non-emergency PDU session handling when UE is registered for emergency services. | MediaTek Inc. / JJ | postponed | C1-198433 | - |
| C1-198968 | Correction to EPLMN list deletion for 5GMM cause #7 | Huawei, HiSilicon / Vishnu | agreed | C1-198310 | - |
| C1-198969 | Follow on request codepoint value | Ericsson | agreed | C1-198496 | - |
| C1-198970 | correction to the URSP coding | MediaTek Inc., ZTE | postponed | C1-198430 | - |
| C1-198971 | Correction on handling and coding of Mapped EPS bearer contexts | Huawei, HiSilicon/Lin | agreed | C1-198219 | - |
| C1-198972 | Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | revised | C1-198566 | C1-199011 |
| C1-198973 | Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | revised | C1-198567 | C1-199012 |
| C1-198974 | RLOS conditions for LR | Intel, Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-198570 | - |
| C1-198975 | LS on congestion during RLOS access | current meeting | approved | - | - |
| C1-198976 | Slice-specific authentication and authorization procedure | Nokia, Nokia Shanghai Bell, ZTE, NEC | agreed | C1-198577 | - |
| C1-198977 | Network slice authentication and emergency procedure | Samsung R&D Institute India /Kundan | agreed | C1-198777 | - |
| C1-198978 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung | revised | C1-198584 | C1-199019 |
| C1-198979 | 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices | Ericsson, Nokia, Huawei, HiSilicon, Nokia Shanghai Bell, ZTE | agreed | C1-198591 | - |
| C1-198980 | UE behaviour when T3448 timer running | ZTE, Ericsson | agreed | C1-198594 | - |
| C1-198981 | Introduction of NSSAI efficient signalling for IoT devices | Qualcomm Incorporated, vivo, ZTE, InterDigital | agreed | C1-198746 | - |
| C1-198982 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | agreed | C1-198702 | - |
| C1-198983 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | agreed | C1-198703 | - |
| C1-198984 | Service Request for multiple access PDU session | Samsung/ Kyungjoo Grace Suh | postponed | C1-198716 | - |
| C1-198985 | Introduction of pending NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC | revised | C1-198578 | C1-199044 |
| C1-198986 | Subscriber identifier when USIM credentials are used to access an SNPN | Qualcomm Incorporated / Lena | postponed | C1-198722 | - |
| C1-198987 | Removal of a Code-Point in Control Plane Service Type | InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell | revised | C1-198305 | C1-199001 |
| C1-198988 | Enabling the use of USIM credentials in SNPNs | Qualcomm Incorporated / Lena | postponed | C1-198723 | - |
| C1-198989 | CAG only UE and emergency procedure | Samsung, Intel | agreed | C1-198734 | - |
| C1-198990 | Removal of CAG suscription while emergency PDU session is established. | Huawei, HiSilicon / Vishnu | revised | C1-198737 | C1-199021 |
| C1-198991 | Handling of Service request message in a non-subscribed CAG cell | Huawei, HiSilicon, Ericsson | agreed | C1-198738 | - |
| C1-198992 | Updates for Manual CAG selection | Huawei, HiSilicon / Vishnu | agreed | C1-198769 | - |
| C1-198993 | Moving Annex E to TS 24.5xy | Nokia, Nokia Shanghai Bell, BlackBerry | agreed | C1-198754 | - |
| C1-198994 | Determination of Emergency Services Fallback support in the AMF | BlackBerry UK Ltd. | postponed | C1-198919 | - |
| C1-198995 | Correction to PLMN change with 5G-EA0 | MediaTek Inc. | revised | C1-198527 | C1-199031 |
| C1-198996 | Correction on establishment of secure exchange of NAS messages for attach | Huawei, HiSilicon/Lin | agreed | C1-198216 | - |
| C1-198997 | Registration attempt counter reset by single-registered UE | Ericsson | agreed | C1-198147 | - |
| C1-198998 | Clarification to forbidden PLMN list | Ericsson | agreed | C1-198150 | - |
| C1-198999 | 5G NAS security context for interworking | Huawei, HiSilicon/Lin | agreed | C1-198217 | - |
| C1-199000 | Corrections on the abnormal cases of registration procedure for initial registration | Huawei, HiSilicon/Lin | revised | C1-198218 | C1-199032 |
| C1-199001 | Removal of a Code-Point in Control Plane Service Type | InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell | revised | C1-198987 | C1-199018 |
| C1-199002 | Work plan for the CT1 part of 5WWC | Huawei, HiSilicon /Christian | noted | C1-198551 | - |
| C1-199003 | LS on native 5G NAS security context activation | current meeting | approved | - | - |
| C1-199004 | 5G CIoT WID Update for CT1 | QUALCOMM Europe Inc. - Italy | agreed | C1-198120 | - |
| C1-199005 | LS on GUTI allocation for MT-EDT in 5G CIoT | current meeting | approved | C1-198782 | - |
| C1-199006 | LS on Dual-registration requirements for EHPLMNs | current meeting | revised | C1-198917 | C1-199046 |
| C1-199007 | LS on enhanced access control for IMS signalling | current meeting | approved | C1-198935 | - |
| C1-199008 | Reply LS on assistance indication for WUS | Huawei, HiSilicon/Lin | approved | C1-198936 | - |
| C1-199009 | LS on Manual CAG Selection | current meeting | revised | C1-198959 | C1-199035 |
| C1-199010 | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon, Samsung, Nokia, Nokia Shanghai Bell | agreed | C1-198960 | - |
| C1-199011 | Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | agreed | C1-198972 | - |
| C1-199012 | Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | agreed | C1-198973 | - |
| C1-199013 | UE behavoir on rejected NSSAI due to failed NSSAA | vivo, ZTE | postponed | C1-198773 | - |
| C1-199014 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | revised | C1-198770 | C1-199058 |
| C1-199015 | ATSSS Performance Measurement Function Protocols and Procedures | Apple, Deutsche Telekom, Charter Communications | revised | C1-198708 | C1-199051 |
| C1-199016 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-198596 | - |
| C1-199017 | Correction on the condition for including CP only indication | SHARP | agreed | C1-198952 | - |
| C1-199018 | Removal of a Code-Point in Control Plane Service Type | InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell | agreed | C1-199001 | - |
| C1-199019 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung | agreed | C1-198978 | - |
| C1-199020 | Abnormal cases for port number management | Intel / Vivek | agreed | C1-198942 | - |
| C1-199021 | Removal of CAG suscription while emergency PDU session is established. | Huawei, HiSilicon / Vishnu | agreed | C1-198990 | - |
| C1-199022 | Coding of the CAG-ID | Nokia, Nokia Shanghai Bell | agreed | C1-198745 | - |
| C1-199023 | Overview of gPTP message delivery | Nokia, Nokia Shanghai Bell | agreed | C1-198751 | - |
| C1-199024 | DS-TT initiated exchange of port management capabilities | Intel, Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-198755 | - |
| C1-199025 | Covering 5GMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone, Samsung | agreed | C1-198211 | - |
| C1-199026 | Covering EMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone, Samsung | agreed | C1-198212 | - |
| C1-199027 | Address EN on IMEI transfer from 5GS using N26 | BlackBerry UK Ltd. | agreed | C1-198789 | - |
| C1-199028 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | postponed | C1-198860 | - |
| C1-199029 | Adding definition for SoR-AF | Nokia, Nokia Shanghai Bell /Jennifer | agreed | C1-198914 | - |
| C1-199030 | UE to NG-RAN interface | Nokia, Nokia Shanghai Bell, Huawei, HiSilicon | agreed | C1-198924 | - |
| C1-199031 | Correction to PLMN change with 5G-EA0 | MediaTek Inc. | agreed | C1-198995 | - |
| C1-199032 | Corrections on the abnormal cases of registration procedure for initial registration | Huawei, HiSilicon/Lin | postponed | C1-199000 | - |
| C1-199033 | Correcting DDX description | BlackBerry UK Ltd. | agreed | C1-198916 | - |
| C1-199034 | LS on Extended NAS timers for Coverage Enhancement in 5GS | current meeting | approved | C1-198937 | - |
| C1-199035 | LS on Manual CAG Selection | current meeting | revised | C1-199009 | C1-199047 |
| C1-199036 | Clarification on ATSSS-LL feature support | Nokia, Nokia Shanghai Bell, MediaTek Inc., Apple | agreed | C1-198717 | - |
| C1-199037 | Abnormal cases for 5GMM cause values #74 and #75 | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C1-198731 | - |
| C1-199038 | Handling of maximum number of allowed active DRBs | OPPO, Blackberry UK Ltd., Huawei, HiSilicon, Interdigital, Ericsson | agreed | C1-198907 | - |
| C1-199039 | Removal of an editor's note | Motorola Mobility, Lenovo | agreed | C1-198921 | - |
| C1-199040 | AT Command for CSG Feature Support | Samsung R&D Institute India | agreed | C1-198339 | - |
| C1-199041 | AT Command for CSG support indication | Samsung R&D Institute India | agreed | C1-198342 | - |
| C1-199042 | SOR - adding a reference to OTAFspecification | Nokia, Nokia Shanghai Bell, Orange | agreed | C1-198955 | - |
| C1-199043 | work plan | MCC | noted | C1-198006 | - |
| C1-199044 | Introduction of pending NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC | agreed | C1-198985 | - |
| C1-199045 | Support of UE paging probability for WUS-procedure part | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | agreed | C1-198901 | - |
| C1-199046 | LS on Dual-registration requirements for EHPLMNs | current meeting | approved | C1-199006 | - |
| C1-199047 | LS on Manual CAG Selection | current meeting | approved | C1-199035 | - |
| C1-199048 | LS on configured NSSAI handling | current meeting | revised | - | C1-199063 |
| C1-199049 | New WID on Video enhancement of IMS CRS/CAT/announcement services | Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom | revised | C1-198957 | C1-199059 |
| C1-199050 | Correction to delivery of mapped S-NSSAI(s) | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | agreed | C1-198906 | - |
| C1-199051 | ATSSS Performance Measurement Function Protocols and Procedures | Apple, Deutsche Telekom, Charter Communications | postponed | C1-199015 | - |
| C1-199052 | Performance management function protocol | Ericsson, InterDigital, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, ZTE / Ivo | postponed | C1-198707 | - |
| C1-199053 | Handling multiple QoS errors during a PDU session modification procedure – Option 1 | Qualcomm Incorporated, MediaTek Inc., Ericsson | agreed | C1-198926 | - |
| C1-199054 | Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events | Nokia, Nokia Shanghai Bell | agreed | C1-198725 | - |
| C1-199055 | Extensions of EAP-TLS usage in primary authentication | Ericsson, Nokia, Nokia Shanghai Bell | agreed | C1-196721 | - |
| C1-199056 | Primary authentication using EAP methods other than EAP-AKA' and EAP-TLS | Ericsson, Nokia, Nokia Shanghai Bell | agreed | C1-196935 | - |
| C1-199057 | Handling of parameters stored in the ME memory | Samsung R&D Institute India/ Kundan | agreed | C1-198943 | - |
| C1-199058 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | revised | C1-199014 | C1-199064 |
| C1-199059 | New WID on Video enhancement of IMS CRS/CAT/announcement services | Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom | agreed | C1-199049 | - |
| C1-199060 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | revised | C1-198956 | C1-199061 |
| C1-199061 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | agreed | C1-199060 | - |
| C1-199062 | LS on S-NSSAIs subject to authorization and authentication | current meeting | approved | - | - |
| C1-199063 | LS on configured NSSAI handling | current meeting | approved | C1-199048 | - |
| C1-199064 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | agreed | C1-199058 | - |

## Annex B: List of change requests

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| C1-198092 | CR 23.041#0202 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0202 | - | Rel-16 | B | ePWS | revised |
| C1-198566 | CR 23.041#0202 Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0202 | 1 | Rel-16 | B | ePWS | revised |
| C1-198972 | Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0202 | 2 | Rel-16 | B | ePWS | revised |
| C1-199011 | Addition of the support of ePWS functionality via E-UTRAN and NG-RAN | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0202 | 3 | Rel-16 | B | ePWS | agreed |
| C1-198093 | CR 23.041#0203 Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0203 | - | Rel-16 | B | ePWS | revised |
| C1-198567 | Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0203 | 1 | Rel-16 | B | ePWS | revised |
| C1-198973 | Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0203 | 2 | Rel-16 | B | ePWS | revised |
| C1-199012 | Support of language-independent content mapped to a disaster in a warning message | SyncTechno Inc., The Police of the Netherlands | 23.041 | 0203 | 3 | Rel-16 | B | ePWS | agreed |
| C1-198049 | RLOS conditions for LR | Intel | 23.122 | 0451 | 1 | Rel-16 | B | PARLOS | revised |
| C1-198570 | RLOS conditions for LR | Intel, Nokia, Nokia Shanghai Bell | 23.122 | 0451 | 2 | Rel-16 | B | PARLOS | revised |
| C1-198974 | RLOS conditions for LR | Intel, Nokia, Nokia Shanghai Bell, Ericsson | 23.122 | 0451 | 3 | Rel-16 | B | PARLOS | agreed |
| C1-198210 | Manual selection of CAG cell which is not in the allowed list | Huawei, HiSilicon, Nokia, Nokia Shanghai bell, OPPO | 23.122 | 0457 | 3 | Rel-16 | F | Vertical\_LAN | withdrawn |
| C1-198294 | Enabling the use of USIM credentials in SNPNs | Qualcomm Incorporated / Lena | 23.122 | 0464 | 2 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198723 | Enabling the use of USIM credentials in SNPNs | Qualcomm Incorporated / Lena | 23.122 | 0464 | 3 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198988 | Enabling the use of USIM credentials in SNPNs | Qualcomm Incorporated / Lena | 23.122 | 0464 | 4 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198220 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | 23.122 | 0465 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198956 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | 23.122 | 0465 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199060 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | 23.122 | 0465 | 3 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199061 | Acquiring user location information for SOR | Huawei, HiSilicon/Lin | 23.122 | 0465 | 4 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198347 | Subscription update for CAG only UEs | Samsung | 23.122 | 0466 | 2 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198177 | Handling of multiple entries with same SNPN | Intel / Thomas | 23.122 | 0467 | - | Rel-16 | C | Vertical\_LAN | agreed |
| C1-198178 | Definitions and abbreviations update for SNPN Access Technology and other correction | Intel / Thomas | 23.122 | 0468 | - | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198179 | Missing condition for entering limited service in SNPN access mode | Intel / Thomas | 23.122 | 0469 | - | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198180 | Handling of CSG selection mode | Intel | 23.122 | 0470 | - | Rel-16 | F | SAES16, TEI16 | agreed |
| C1-198237 | Compromise solution for Manual CAG selection outside Allowed list | Huawei, HiSilicon/ Vishnu | 23.122 | 0471 | - | Rel-16 | C | Vertical\_LAN | revised |
| C1-198735 | Compromise solution for Manual CAG selection outside Allowed list | Huawei, HiSilicon, Samsung | 23.122 | 0471 | 1 | Rel-16 | C | Vertical\_LAN | revised |
| C1-198765 | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon, Samsung | 23.122 | 0471 | 2 | Rel-16 | C | Vertical\_LAN | revised |
| C1-198960 | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon, Samsung, Nokia, Nokia Shanghai Bell | 23.122 | 0471 | 3 | Rel-16 | C | Vertical\_LAN | revised |
| C1-199010 | Configuration for the presentation of CAG cells for manual CAG selection | Huawei, HiSilicon, Samsung, Nokia, Nokia Shanghai Bell | 23.122 | 0471 | 4 | Rel-16 | C | Vertical\_LAN | agreed |
| C1-198293 | Subscriber identifier when USIM credentials are used to access an SNPN | Qualcomm Incorporated / Lena | 23.122 | 0472 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198722 | Subscriber identifier when USIM credentials are used to access an SNPN | Qualcomm Incorporated / Lena | 23.122 | 0472 | 1 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198986 | Subscriber identifier when USIM credentials are used to access an SNPN | Qualcomm Incorporated / Lena | 23.122 | 0472 | 2 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198359 | Correction to automatic PLMN selection for a CAG UE | Samsung R&D Institute India/ Kundan | 23.122 | 0473 | - | Rel-16 | F | Vertical\_LAN | withdrawn |
| C1-198409 | Service based interface between UDM and SoR-AF | Nokia, Nokia Shanghai Bell /Jennifer | 23.122 | 0474 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198914 | Service based interface between UDM and SoR-AF | Nokia, Nokia Shanghai Bell /Jennifer | 23.122 | 0474 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199029 | Adding definition for SoR-AF | Nokia, Nokia Shanghai Bell /Jennifer | 23.122 | 0474 | 2 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198410 | Corrections on dynamic update of SOR information using SOR-AF | Nokia, Nokia Shanghai Bell /Jennifer | 23.122 | 0475 | - | Rel-16 | F | 5GProtoc16, 5GS\_OTAF | revised |
| C1-198955 | Corrections on dynamic update of SOR information using SOR-AF | Nokia, Nokia Shanghai Bell /Jennifer | 23.122 | 0475 | 1 | Rel-16 | F | 5GProtoc16, 5GS\_OTAF | revised |
| C1-199042 | SOR - adding a reference to OTAFspecification | Nokia, Nokia Shanghai Bell, Orange | 23.122 | 0475 | 2 | Rel-16 | F | 5GS\_OTAF | agreed |
| C1-198498 | Information presented to the user for manual CAG selection | Nokia, Nokia Shanghai Bell | 23.122 | 0476 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198767 | Information presented to the user for manual CAG selection | Nokia, Nokia Shanghai Bell | 23.122 | 0476 | 1 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198515 | NAS providing AS with a "CAG information list" | Nokia, Nokia Shanghai Bell | 23.122 | 0477 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198743 | NAS providing AS with a "CAG information list" | Nokia, Nokia Shanghai Bell | 23.122 | 0477 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198516 | Clarification on figures for PLMN selection | Nokia, Nokia Shanghai Bell | 23.122 | 0478 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198744 | Clarification on figures for PLMN selection | Nokia, Nokia Shanghai Bell | 23.122 | 0478 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198517 | SOR call flow corrections in 23.122 | Orange, NTT DOCOMO / Mariusz | 23.122 | 0479 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198554 | SOR call flow corrections in 23.122 | Orange, NTT DOCOMO / Mariusz | 23.122 | 0479 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198923 | SOR call flow corrections in 23.122 | Orange, NTT DOCOMO, Nokia, Nokia Shanghai Bell | 23.122 | 0479 | 2 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198547 | Initiation of Location Registration for RLOS | MediaTek Inc. / Marko | 23.122 | 0480 | - | Rel-16 | C | PARLOS | revised |
| C1-198575 | Initiation of Location Registration for RLOS | MediaTek Inc. / Marko | 23.122 | 0480 | 1 | Rel-16 | C | PARLOS | withdrawn |
| C1-198455 | UE to NG-RAN interface | Nokia, Nokia Shanghai Bell | 24.002 | 0006 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198924 | UE to NG-RAN interface | Nokia, Nokia Shanghai Bell | 24.002 | 0006 | 1 | Rel-16 | F | TEI16 | revised |
| C1-199030 | UE to NG-RAN interface | Nokia, Nokia Shanghai Bell, Huawei, HiSilicon | 24.002 | 0006 | 2 | Rel-16 | F | TEI16 | agreed |
| C1-198107 | Correction of handling of GPRS detach procedure in ATTEMPTING-TO-UPDATE | Intel | 24.008 | 3202 | - | Rel-16 | F | TEI16 | revised |
| C1-198796 | Correction of handling of GPRS detach procedure in ATTEMPTING-TO-UPDATE | Intel | 24.008 | 3202 | 1 | Rel-16 | F | TEI16 | agreed |
| C1-198110 | Corrections and enhancements for T3340 | Intel | 24.008 | 3203 | - | Rel-16 | F | TEI16 | revised |
| C1-198799 | Corrections and enhancements for T3340 | Intel | 24.008 | 3203 | 1 | Rel-16 | F | TEI16 | agreed |
| C1-198143 | Correcting timer calculation for GPRS MS using EC-GSM-IoT | BlackBerry UK Limited | 24.008 | 3204 | - | Rel-16 | F | TEI16 | agreed |
| C1-198415 | Correciton of the erroneous maximum length of the Quality of service IE | China Telecom Corporation Ltd. | 24.008 | 3205 | - | Rel-16 | F | TEI16 | withdrawn |
| C1-198418 | Correciton of the erroneous maximum length of the Quality of service IE | China Telecom Corporation Ltd,Huawei,HiSilicon | 24.008 | 3206 | - | Rel-16 | F | TEI16 | withdrawn |
| C1-198419 | Correciton of the erroneous maximum length of the Quality of service IE | China Telecom Corporation Ltd,Huawei,HiSilicon | 24.008 | 3207 | - | Rel-16 | F | TEI16 | agreed |
| C1-198424 | Correction to the length of two octets support indicator | MediaTek Inc., Huawei, HiSilicon, ZTE, Ericsson / JJ | 24.008 | 3208 | - | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C1-198425 | Correction to the length of two octets support indicator | MediaTek Inc., Huawei, HiSilicon, ZTE, Ericsson / JJ | 24.008 | 3209 | - | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C1-198474 | Message class support | Apple | 24.011 | 0065 | - | Rel-16 | B | TEI16 | postponed |
| C1-198401 | Enhancemets related to how UE should handle conference subscription failure | MediaTek Inc. | 24.147 | 0134 | - | Rel-16 | F | TEI16 | revised |
| C1-198680 | Enhancemets related to how UE should handle conference subscription failure | MediaTek Inc. | 24.147 | 0134 | 1 | Rel-16 | F | TEI16 | agreed |
| C1-198388 | Provide handover of ongoing MMTEL voice or MMTEL video from non-3GPP access indication to NAS | Qualcomm Incorporated | 24.173 | 0142 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198931 | Provide handover of ongoing MMTEL voice or MMTEL video from non-3GPP access indication to NAS | Qualcomm Incorporated, Ericsson | 24.173 | 0142 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198027 | Service Based Architecture in IMS | Nokia, Nokia Shanghai Bell, Ericsson | 24.229 | 6384 | 2 | Rel-16 | B | eIMS5G\_SBA | agreed |
| C1-198284 | Enabling NR-U access-type reporting in P-Access-Network-Info header and Cellular-Network-Info header field | Qualcomm UK Ltd | 24.229 | 6390 | 2 | Rel-16 | B | TEI16 | agreed |
| C1-198198 | Procedure for MO IMS related signalling started indication for UAC | NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT/ Maoki | 24.229 | 6394 | 2 | Rel-16 | F | TEI16, 5GProtoc16, SAES16 | revised |
| C1-198792 | Procedure for MO IMS related signalling started indication for UAC | NTT DOCOMO, Huawei, HiSillicon, Intel, Ericsson, NEC, SHARP, MediaTek, NTT, KDDI, Samsung | 24.229 | 6394 | 3 | Rel-16 | F | TEI16, 5GProtoc16, SAES16 | agreed |
| C1-198008 | Correcting EENL handling | BlackBerry UK Ltd. | 24.229 | 6395 | - | Rel-15 | F | 5GS\_Ph1-IMSo5G | postponed |
| C1-198009 | Correcting EENL handling | BlackBerry UK Ltd. | 24.229 | 6396 | - | Rel-16 | A | 5GS\_Ph1-IMSo5G | postponed |
| C1-198170 | Additional-Identity header in REFER request | Ericsson / Nevenka | 24.229 | 6397 | - | Rel-16 | B | MuD | agreed |
| C1-198171 | P-CSCF restoration in 5GS | Ericsson /Jörgen | 24.229 | 6398 | - | Rel-15 | F | 5GS\_Ph1-IMSo5G | revised |
| C1-198449 | P-CSCF restoration in 5GS | Ericsson /Jörgen | 24.229 | 6398 | 1 | Rel-15 | F | 5GS\_Ph1-IMSo5G | agreed |
| C1-198172 | P-CSCF restoration in 5GS | Ericsson /Jörgen | 24.229 | 6399 | - | Rel-16 | A | 5GS\_Ph1-IMSo5G | revised |
| C1-198451 | P-CSCF restoration in 5GS | Ericsson /Jörgen | 24.229 | 6399 | 1 | Rel-16 | A | 5GS\_Ph1-IMSo5G | agreed |
| C1-198351 | Editorial correction of E-UTRAN | Ericsson /Jörgen | 24.229 | 6400 | - | Rel-16 | D | TEI16 | agreed |
| C1-198380 | Addition of the INVITE without SDP usecase in forked response handling | MediaTek Inc. | 24.229 | 6401 | - | Rel-16 | F | IMSProtoc16 | revised |
| C1-198556 | Addition of the INVITE without SDP usecase in forked response handling | MediaTek Inc. | 24.229 | 6401 | 1 | Rel-16 | F | IMSProtoc16 | revised |
| C1-198677 | Addition of the INVITE without SDP usecase in forked response handling | MediaTek Inc. | 24.229 | 6401 | 2 | Rel-16 | F | IMSProtoc16 | postponed |
| C1-198382 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | 24.229 | 6402 | - | Rel-16 | F | TEI16 | revised |
| C1-198678 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | 24.229 | 6402 | 1 | Rel-16 | F | TEI16 | revised |
| C1-198859 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | 24.229 | 6402 | 2 | Rel-16 | F | TEI16 | withdrawn |
| C1-198383 | Adding UE handling when 200 OK for register doesn’t have P-Associated-URI | MediaTek Inc. | 24.229 | 6403 | - | Rel-16 | F | TEI16 | withdrawn |
| C1-198384 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | 24.229 | 6404 | - | Rel-16 | F | TEI16 | revised |
| C1-198679 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | 24.229 | 6404 | 1 | Rel-16 | F | TEI16 | revised |
| C1-198860 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | 24.229 | 6404 | 2 | Rel-16 | F | TEI16 | revised |
| C1-199028 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | 24.229 | 6404 | 3 | Rel-16 | F | TEI16 | postponed |
| C1-198385 | Correction in IMS\_Registration\_handling policy about how UE should deregister | MediaTek Inc. | 24.229 | 6405 | - | Rel-16 | F | TEI16 | withdrawn |
| C1-198457 | Location conveyance in Emergency SMS | Apple | 24.229 | 6406 | - | Rel-16 | F | TEI16 | not pursued |
| C1-198541 | Enhancement in emergency call location sharing flow to make it reliable | MediaTek Inc. | 24.229 | 6407 | - | Rel-16 | F | TEI16 | revised |
| C1-198681 | Enhancement in emergency call location sharing flow to make it reliable | MediaTek Inc. | 24.229 | 6407 | 1 | Rel-16 | F | TEI16 | postponed |
| C1-198306 | Further introduce support for 5G-SRVCC | BlackBerry UK Limited | 24.237 | 1296 | - | Rel-16 | B | 5G\_SRVCC | revised |
| C1-198933 | Further introduce support for 5G-SRVCC | BlackBerry UK Limited | 24.237 | 1296 | 1 | Rel-16 | B | 5G\_SRVCC | agreed |
| C1-198189 | Update OS App Id | Intel, Qualcomm Incorporated / Vivek | 24.250 | 0020 | 1 | Rel-16 | F | CIoT\_Ext, TEI16 | postponed |
| C1-198190 | Abnormal cases for port number management | Intel / Vivek | 24.250 | 0021 | - | Rel-16 | F | FS\_CIoT\_Ext, CIoT\_Ext | revised |
| C1-198942 | Abnormal cases for port number management | Intel / Vivek | 24.250 | 0021 | 1 | Rel-16 | F | FS\_CIoT\_Ext, CIoT\_Ext | revised |
| C1-199020 | Abnormal cases for port number management | Intel / Vivek | 24.250 | 0021 | 2 | Rel-16 | F | FS\_CIoT\_Ext, CIoT\_Ext | agreed |
| C1-198036 | Error in MBMS service area element | AT&T | 24.281 | 0085 | - | Rel-15 | F | eMCVideo-CT | agreed |
| C1-198037 | Error in MBMS service area element | AT&T | 24.281 | 0086 | - | Rel-16 | A | eMCVideo-CT | agreed |
| C1-198038 | Correct MCVideo location schema | AT&T | 24.281 | 0087 | - | Rel-16 | F | MCProtoc16 | revised |
| C1-198682 | Correct MCVideo location schema | AT&T | 24.281 | 0087 | 1 | Rel-16 | F | MCProtoc16 | agreed |
| C1-198040 | Remove references to 3rd party registration for location reporting | AT&T | 24.281 | 0088 | - | Rel-16 | F | MCProtoc16 | agreed |
| C1-198542 | File distribution over MBMS - signalling control | ENENSYS | 24.282 | 0093 | 1 | Rel-16 | B | eMCData2 | postponed |
| C1-198035 | Add off-network emergency alert to MCData | AT&T | 24.282 | 0095 | - | Rel-16 | B | eMCData2 | revised |
| C1-198650 | Add off-network emergency alert to MCData | AT&T | 24.282 | 0095 | 1 | Rel-16 | B | eMCData2 | revised |
| C1-198825 | Add off-network emergency alert to MCData | AT&T | 24.282 | 0095 | 2 | Rel-16 | B | eMCData2 | revised |
| C1-198858 | Add off-network emergency alert to MCData | AT&T | 24.282 | 0095 | 3 | Rel-16 | B | eMCData2 | agreed |
| C1-198039 | Correct MCData location schema | AT&T | 24.282 | 0096 | - | Rel-16 | F | MCProtoc16 | revised |
| C1-198683 | Correct MCData location schema | AT&T | 24.282 | 0096 | 1 | Rel-16 | F | MCProtoc16 | agreed |
| C1-198283 | Addition of Location information to SDS | HOME OFFICE | 24.282 | 0097 | - | Rel-16 | C | eMCData2 | revised |
| C1-198652 | Addition of Location information to SDS | HOME OFFICE | 24.282 | 0097 | 1 | Rel-16 | C | eMCData2 | revised |
| C1-198828 | Addition of Location information to SDS | HOME OFFICE | 24.282 | 0097 | 2 | Rel-16 | C | eMCData2 | revised |
| C1-198855 | Addition of Location information to SDS | HOME OFFICE | 24.282 | 0097 | 3 | Rel-16 | C | eMCData2 | agreed |
| C1-198548 | Adding MCData-7 information for server-side | AT&T GNS Belgium SPRL | 24.282 | 0098 | - | Rel-16 | B | eMCData2 | revised |
| C1-198685 | Adding MCData-7 information for server-side | AT&T GNS Belgium SPRL | 24.282 | 0098 | 1 | Rel-16 | B | eMCData2 | postponed |
| C1-198010 | Expediting emergency services during inter-system change in single-registration mode and without N26 interface | BlackBerry UK Ltd. | 24.301 | 1564 | 2 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198213 | Restructing the logic of providing UE ID for initial NAS message routing | Huawei, HiSilicon/Lin | 24.301 | 3250 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198965 | Restructing the logic of providing UE ID for initial NAS message routing | Huawei, HiSilicon/Lin | 24.301 | 3250 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198212 | Covering EMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone/Lin | 24.301 | 3251 | 4 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199026 | Covering EMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone, Samsung | 24.301 | 3251 | 5 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198216 | Correction on establishment of secure exchange of NAS messages for attach | Huawei, HiSilicon/Lin | 24.301 | 3253 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198996 | Correction on establishment of secure exchange of NAS messages for attach | Huawei, HiSilicon/Lin | 24.301 | 3253 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198199 | Streamlining of UE behaviour for RLOS | Samsung/Anikethan | 24.301 | 3274 | 4 | Rel-16 | F | PARLOS | revised |
| C1-198574 | Streamlining of UE behaviour for RLOS | Samsung, Qualcomm Incorporated, Ericsson, Nokia, Nokia Shanghai Bell | 24.301 | 3274 | 5 | Rel-16 | F | PARLOS | agreed |
| C1-198011 | Address EN on IMEI transfer from 5GS using N26 | BlackBerry UK Ltd. | 24.301 | 3276 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198789 | Address EN on IMEI transfer from 5GS using N26 | BlackBerry UK Ltd. | 24.301 | 3276 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199027 | Address EN on IMEI transfer from 5GS using N26 | BlackBerry UK Ltd. | 24.301 | 3276 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198080 | Handing of EMM parameters for certain Tracking Area Updating failures | Samsung/Anikethan | 24.301 | 3278 | 2 | Rel-16 | F | SAES16 | agreed |
| C1-198114 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson /Jennifer | 24.301 | 3288 | 2 | Rel-16 | B | 5G\_CIoT | revised |
| C1-198596 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson | 24.301 | 3288 | 3 | Rel-16 | B | 5G\_CIoT | revised |
| C1-199016 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson | 24.301 | 3288 | 4 | Rel-16 | B | 5G\_CIoT | agreed |
| C1-198012 | Introduce support for 5G SRVCC support indication when registering with EPS | BlackBerry UK Ltd. | 24.301 | 3290 | - | Rel-16 | B | 5G\_SRVCC | postponed |
| C1-198044 | Service gap control and inter system change from 5GS to EPS | Ericsson /kaj | 24.301 | 3291 | - | Rel-16 | C | 5G\_CIoT | withdrawn |
| C1-198045 | Service gap control, definition update of T3447 due to 5GS usage | Ericsson /kaj | 24.301 | 3292 | - | Rel-16 | C | 5G\_CIoT | withdrawn |
| C1-198089 | Initiation of Location Registration for RLOS | MediaTek / Marko | 24.301 | 3293 | - | Rel-16 | B | PARLOS | withdrawn |
| C1-198090 | Handling of forbidden PLMNs, forbidden PLMN for GPRS service and equivalent PLMNs list on ATTACH ACCEPT and TRACKING AREA ACCEPT in RLOS | MediaTek / Marko | 24.301 | 3294 | - | Rel-16 | B | PARLOS | revised |
| C1-198571 | Handling of forbidden PLMNs, forbidden PLMN for GPRS service and equivalent PLMNs list on ATTACH ACCEPT and TRACKING AREA ACCEPT in RLOS | MediaTek Inc., Nokia, Nokia Shanghai Bell | 24.301 | 3294 | 1 | Rel-16 | B | PARLOS | agreed |
| C1-198094 | Correction to not activate PSM when UE is registered for RLOS | Samsung/Anikethan | 24.301 | 3295 | - | Rel-16 | F | PARLOS | revised |
| C1-198572 | Correction to not activate PSM when UE is registered for RLOS | Samsung/Anikethan | 24.301 | 3295 | 1 | Rel-16 | F | PARLOS | agreed |
| C1-198105 | Correction of handling of detach procedure in ATTEMPTING-TO-UPDATE | Intel | 24.301 | 3296 | - | Rel-16 | F | SAES16 | revised |
| C1-198794 | Correction of handling of detach procedure in ATTEMPTING-TO-UPDATE | Intel | 24.301 | 3296 | 1 | Rel-16 | F | SAES16 | agreed |
| C1-198108 | Corrections and enhancements for T3440 | Intel | 24.301 | 3297 | - | Rel-16 | F | SAES16 | revised |
| C1-198797 | Corrections and enhancements for T3440 | Intel | 24.301 | 3297 | 1 | Rel-16 | F | SAES16 | agreed |
| C1-198142 | Removal of update status dependency for sub-state selection | Samsung/Anikethan | 24.301 | 3298 | - | Rel-16 | F | SAES16 | agreed |
| C1-198145 | Completion of EMM causes handling by single-registered UE | Ericsson / Ivo | 24.301 | 3299 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198146 | Attach attempt counter reset by single-registered UE | Ericsson | 24.301 | 3300 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198192 | Association of NSSAI with default EPS bearer context | Intel / Vivek | 24.301 | 3301 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198930 | Association of NSSAI with default EPS bearer context | Intel / Vivek | 24.301 | 3301 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198230 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon/Lin | 24.301 | 3302 | - | Rel-16 | C | SAES16, CIoT-CT | postponed |
| C1-198232 | Support of UE paging probability for WUS-general part | Huawei, HiSilicon/Lin | 24.301 | 3303 | - | Rel-16 | B | SAES16, CIoT-CT | revised |
| C1-198900 | Support of UE paging probability for WUS-general part | Huawei, HiSilicon/Lin | 24.301 | 3303 | 1 | Rel-16 | B | SAES16, CIoT-CT | agreed |
| C1-198233 | Support of UE paging probability for WUS-procedure part | Huawei, HiSilicon/Lin | 24.301 | 3304 | - | Rel-16 | B | SAES16, CIoT-CT | revised |
| C1-198901 | Support of UE paging probability for WUS-procedure part | Huawei, HiSilicon/Lin | 24.301 | 3304 | 1 | Rel-16 | B | SAES16, CIoT-CT | revised |
| C1-199045 | Support of UE paging probability for WUS-procedure part | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell | 24.301 | 3304 | 2 | Rel-16 | B | SAES16, CIoT-CT | agreed |
| C1-198386 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | 24.301 | 3305 | - | Rel-16 | F | IMSProtoc16 | revised |
| C1-198940 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | 24.301 | 3305 | 1 | Rel-16 | F | IMSProtoc16 | postponed |
| C1-198407 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | 24.301 | 3306 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C1-198783 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | 24.301 | 3306 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C1-198408 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | 24.301 | 3307 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C1-198706 | NAS Count setting during idle mode mobility from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | 24.301 | 3307 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C1-198501 | Addition of NAS Message Container 2 for LPP/LCS messages | MediaTek Inc. / Marko | 24.301 | 3308 | - | Rel-16 | B | SAES16 | revised |
| C1-198902 | Addition of NAS Message Container 2 for LPP/LCS messages | MediaTek Inc. / Marko | 24.301 | 3308 | 1 | Rel-16 | B | TEI16 | postponed |
| C1-198525 | Establishment of mapped EPS security context at IDLE mode mobility from N1 mode to S1 mode | MediaTek Inc. / Marko | 24.301 | 3309 | - | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198528 | TAI list handling in inter-system change from 5GS to EPS | MediaTek Inc. / Marko | 24.301 | 3310 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198928 | TAI list handling in inter-system change from 5GS to EPS | MediaTek Inc. / Marko | 24.301 | 3310 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198573 | Informing lower layers that access to RLOS is initiated | Ericsson | 24.301 | 3311 | - | Rel-16 | F | PARLOS | agreed |
| C1-198391 | Clarification about when server should reject MAX\_CONNECTION\_REACHED error for PDN connection request | MediaTek Inc. | 24.302 | 0717 | - | Rel-16 | D | IMSProtoc16 | revised |
| C1-198939 | Clarification about when server should reject MAX\_CONNECTION\_REACHED error for PDN connection request | MediaTek Inc. | 24.302 | 0717 | 1 | Rel-16 | - | IMSProtoc16 | postponed |
| C1-198389 | Provide handover of ongoing SMS over IP network from non-3GPP access indication to NAS | Qualcomm Incorporated | 24.341 | 0094 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198932 | Provide handover of ongoing SMS over IP network from non-3GPP access indication to NAS | Qualcomm Incorporated, Ericsson | 24.341 | 0094 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198167 | Reference update: draft-ietf-mmusic-msrp-usage-data-channel | Ericsson / Nevenka | 24.371 | 0097 | - | Rel-13 | F | eWebRTCi-CT | agreed |
| C1-198168 | Reference update: draft-ietf-mmusic-msrp-usage-data-channel | Ericsson / Nevenka | 24.371 | 0098 | - | Rel-14 | A | eWebRTCi-CT | agreed |
| C1-198169 | Reference update: draft-ietf-mmusic-msrp-usage-data-channel | Ericsson / Nevenka | 24.371 | 0099 | - | Rel-15 | A | eWebRTCi-CT | agreed |
| C1-198524 | Provide list of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | 24.379 | 0486 | 4 | Rel-16 | B | MONASTERY2 | revised |
| C1-198658 | Provide list of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | 24.379 | 0486 | 5 | Rel-16 | B | MONASTERY2 | revised |
| C1-198843 | Provide list of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | 24.379 | 0486 | 6 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198041 | Remove references to 3rd party registration for location reporting | AT&T | 24.379 | 0503 | - | Rel-16 | F | MCProtoc16 | agreed |
| C1-198243 | Preconfig Regroup - 4.4.2 Warning texts | FirstNet / Mike | 24.379 | 0504 | - | Rel-16 | B | DUMMY | revised |
| C1-198637 | Preconfig Regroup - 4.4.2 Warning texts | FirstNet / Mike | 24.379 | 0504 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198244 | Preconfig Regroup - 6.3.1.3 SIP MESSAGE types | FirstNet / Mike | 24.379 | 0505 | - | Rel-16 | B | DUMMY | revised |
| C1-198638 | Preconfig Regroup - 6.3.1.3 SIP MESSAGE types | FirstNet / Mike | 24.379 | 0505 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198804 | Preconfig Regroup - 6.3.1.3 SIP MESSAGE types | FirstNet / Mike | 24.379 | 0505 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198245 | Preconfig Regroup - 10.1.6.1 General section | FirstNet / Mike | 24.379 | 0506 | - | Rel-16 | B | DUMMY | revised |
| C1-198639 | Preconfig Regroup - 10.1.6.1 General section | FirstNet / Mike | 24.379 | 0506 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198805 | Preconfig Regroup - 10.1.6.1 General section | FirstNet / Mike | 24.379 | 0506 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198246 | Preconfig Regroup - 10.1.6.2 Group regroup intro | FirstNet / Mike | 24.379 | 0507 | - | Rel-16 | B | DUMMY | revised |
| C1-198640 | Preconfig Regroup - 10.1.6.2 Group regroup intro | FirstNet / Mike | 24.379 | 0507 | 1 | Rel-16 | B | DUMMY | withdrawn |
| C1-198247 | Preconfig Regroup - 10.1.6.2.1.1 Client create request | FirstNet / Mike | 24.379 | 0508 | - | Rel-16 | B | DUMMY | revised |
| C1-198641 | Preconfig Regroup - 10.1.6.2.1.1 Client create request | FirstNet / Mike | 24.379 | 0508 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198806 | Preconfig Regroup - 10.1.6.2.1.1 Client create request | FirstNet / Mike | 24.379 | 0508 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198248 | Preconfig Regroup - 10.1.6.2.1.2 Client remove request | FirstNet / Mike | 24.379 | 0509 | - | Rel-16 | B | DUMMY | revised |
| C1-198643 | Preconfig Regroup - 10.1.6.2.1.2 Client remove request | FirstNet / Mike | 24.379 | 0509 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198249 | Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request | FirstNet / Mike | 24.379 | 0510 | - | Rel-16 | B | DUMMY | revised |
| C1-198644 | Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request | FirstNet / Mike | 24.379 | 0510 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198807 | Preconfig Regroup - 10.1.6.2.2.1 Orig. Partip. create request | FirstNet / Mike | 24.379 | 0510 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198250 | Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request | FirstNet / Mike | 24.379 | 0511 | - | Rel-16 | B | DUMMY | revised |
| C1-198645 | Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request | FirstNet / Mike | 24.379 | 0511 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198808 | Preconfig Regroup - 10.1.6.2.2.2 Orig. Partip. remove request | FirstNet / Mike | 24.379 | 0511 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198251 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0512 | - | Rel-16 | B | DUMMY | revised |
| C1-198646 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0512 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198809 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0512 | 2 | Rel-16 | B | DUMMY | revised |
| C1-198852 | Preconfig Regroup - 10.1.6.2.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0512 | 3 | Rel-16 | B | DUMMY | agreed |
| C1-198252 | Preconfig Regroup - 10.1.6.2.2.4 Term. Partip. remove request | FirstNet / Mike | 24.379 | 0513 | - | Rel-16 | B | DUMMY | revised |
| C1-198647 | Preconfig Regroup - 10.1.6.2.2.4 Term. Partip. remove request | FirstNet / Mike | 24.379 | 0513 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198253 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | 24.379 | 0514 | - | Rel-16 | B | DUMMY | revised |
| C1-198648 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | 24.379 | 0514 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198810 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | 24.379 | 0514 | 2 | Rel-16 | B | DUMMY | revised |
| C1-198853 | Preconfig Regroup - 10.1.6.2.3.1 Control. create request | FirstNet / Mike | 24.379 | 0514 | 3 | Rel-16 | B | DUMMY | agreed |
| C1-198254 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0515 | - | Rel-16 | B | DUMMY | revised |
| C1-198649 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0515 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198827 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0515 | 2 | Rel-16 | B | DUMMY | revised |
| C1-198856 | Preconfig Regroup - 10.1.6.2.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0515 | 3 | Rel-16 | B | DUMMY | agreed |
| C1-198255 | Preconfig Regroup - 10.1.6.2.3.3 Control. remove decision | FirstNet / Mike | 24.379 | 0516 | - | Rel-16 | B | DUMMY | revised |
| C1-198687 | Preconfig Regroup - 10.1.6.2.3.3 Control. remove decision | FirstNet / Mike | 24.379 | 0516 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198256 | Preconfig Regroup - 10.1.6.2.4.1 Non-control. create request | FirstNet / Mike | 24.379 | 0517 | - | Rel-16 | B | DUMMY | revised |
| C1-198688 | Preconfig Regroup - 10.1.6.2.4.1 Non-control. create request | FirstNet / Mike | 24.379 | 0517 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198257 | Preconfig Regroup - 10.1.6.2.4.2 Non-control. remove request | FirstNet / Mike | 24.379 | 0518 | - | Rel-16 | B | DUMMY | revised |
| C1-198689 | Preconfig Regroup - 10.1.6.2.4.2 Non-control. remove request | FirstNet / Mike | 24.379 | 0518 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198258 | Preconfig Regroup - 10.1.6.3 User regroup intro | FirstNet / Mike | 24.379 | 0519 | - | Rel-16 | B | DUMMY | withdrawn |
| C1-198259 | Preconfig Regroup - 10.1.6.3.1.1 Client create request | FirstNet / Mike | 24.379 | 0520 | - | Rel-16 | B | DUMMY | revised |
| C1-198690 | Preconfig Regroup - 10.1.6.3.1.1 Client create request | FirstNet / Mike | 24.379 | 0520 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198835 | Preconfig Regroup - 10.1.6.3.1.1 Client create request | FirstNet / Mike | 24.379 | 0520 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198260 | Preconfig Regroup - 10.1.6.3.1.2 Client remove request | FirstNet / Mike | 24.379 | 0521 | - | Rel-16 | B | DUMMY | revised |
| C1-198691 | Preconfig Regroup - 10.1.6.3.1.2 Client remove request | FirstNet / Mike | 24.379 | 0521 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198261 | Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request | FirstNet / Mike | 24.379 | 0522 | - | Rel-16 | B | DUMMY | revised |
| C1-198692 | Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request | FirstNet / Mike | 24.379 | 0522 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198836 | Preconfig Regroup - 10.1.6.3.2.1 Orig. Partip. create request | FirstNet / Mike | 24.379 | 0522 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198262 | Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request | FirstNet / Mike | 24.379 | 0523 | - | Rel-16 | B | DUMMY | revised |
| C1-198693 | Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request | FirstNet / Mike | 24.379 | 0523 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198837 | Preconfig Regroup - 10.1.6.3.2.2 Orig. Partip. remove request | FirstNet / Mike | 24.379 | 0523 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198263 | Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0524 | - | Rel-16 | B | DUMMY | revised |
| C1-198694 | Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0524 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198838 | Preconfig Regroup - 10.1.6.3.2.3 Term. Partip. create request | FirstNet / Mike | 24.379 | 0524 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198264 | Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request | FirstNet / Mike | 24.379 | 0525 | - | Rel-16 | B | DUMMY | revised |
| C1-198695 | Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request | FirstNet / Mike | 24.379 | 0525 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198839 | Preconfig Regroup - 10.1.6.3.2.4 Term. Partip. remove request | FirstNet / Mike | 24.379 | 0525 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198265 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | 24.379 | 0526 | - | Rel-16 | B | DUMMY | revised |
| C1-198696 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | 24.379 | 0526 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198840 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | 24.379 | 0526 | 2 | Rel-16 | B | DUMMY | revised |
| C1-198857 | Preconfig Regroup - 10.1.6.3.3.1 Control. create request | FirstNet / Mike | 24.379 | 0526 | 3 | Rel-16 | B | DUMMY | agreed |
| C1-198266 | Preconfig Regroup - 10.1.6.3.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0527 | - | Rel-16 | B | DUMMY | revised |
| C1-198697 | Preconfig Regroup - 10.1.6.3.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0527 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198841 | Preconfig Regroup - 10.1.6.3.3.2 Control. remove request | FirstNet / Mike | 24.379 | 0527 | 2 | Rel-16 | B | DUMMY | agreed |
| C1-198267 | Preconfig Regroup - 10.1.6.3.3.3 Control. remove decision | FirstNet / Mike | 24.379 | 0528 | - | Rel-16 | B | DUMMY | revised |
| C1-198698 | Preconfig Regroup - 10.1.6.3.3.3 Control. remove decision | FirstNet / Mike | 24.379 | 0528 | 1 | Rel-16 | B | DUMMY | agreed |
| C1-198268 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | 24.379 | 0529 | - | Rel-16 | B | DUMMY | revised |
| C1-198642 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | 24.379 | 0529 | 1 | Rel-16 | B | DUMMY | revised |
| C1-198826 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | 24.379 | 0529 | 2 | Rel-16 | B | DUMMY | revised |
| C1-198854 | Preconfig regroup – F.7 XML schema for regroup using preconfigured group | FirstNet / Mike | 24.379 | 0529 | 3 | Rel-16 | B | DUMMY | agreed |
| C1-198270 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | 24.379 | 0530 | - | Rel-13 | F | MCPTT-CT | agreed |
| C1-198271 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | 24.379 | 0531 | - | Rel-14 | A | MCPTT-CT | agreed |
| C1-198272 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | 24.379 | 0532 | - | Rel-15 | A | MCPTT-CT | revised |
| C1-198665 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | 24.379 | 0532 | 1 | Rel-15 | A | MCPTT-CT | agreed |
| C1-198273 | Corrections to off-network private call control state machine | NIST, FirstNet / Mike | 24.379 | 0533 | - | Rel-16 | A | MCPTT-CT | agreed |
| C1-198274 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0534 | - | Rel-13 | F | MCPTT-CT | revised |
| C1-198666 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0534 | 1 | Rel-13 | F | MCPTT-CT | revised |
| C1-198829 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0534 | 2 | Rel-13 | F | MCPTT-CT | revised |
| C1-198848 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0534 | 3 | Rel-13 | F | MCPTT-CT | agreed |
| C1-198275 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0535 | - | Rel-14 | A | MCPTT-CT | revised |
| C1-198667 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0535 | 1 | Rel-14 | A | MCPTT-CT | revised |
| C1-198830 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0535 | 2 | Rel-14 | A | MCPTT-CT | revised |
| C1-198849 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0535 | 3 | Rel-14 | A | MCPTT-CT | agreed |
| C1-198276 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0536 | - | Rel-15 | A | MCPTT-CT | revised |
| C1-198668 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0536 | 1 | Rel-15 | A | MCPTT-CT | revised |
| C1-198831 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0536 | 2 | Rel-15 | A | MCPTT-CT | revised |
| C1-198850 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0536 | 3 | Rel-15 | A | MCPTT-CT | agreed |
| C1-198277 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0537 | - | Rel-16 | A | MCPTT-CT | revised |
| C1-198669 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0537 | 1 | Rel-16 | A | MCPTT-CT | revised |
| C1-198832 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0537 | 2 | Rel-16 | A | MCPTT-CT | revised |
| C1-198851 | Corrections to Off-network private call type control state machine | NIST, FirstNet / Mike | 24.379 | 0537 | 3 | Rel-16 | A | MCPTT-CT | agreed |
| C1-198282 | Editorial corrections | FirstNet / Mike | 24.379 | 0538 | - | Rel-16 | D | MCProtoc16 | revised |
| C1-198686 | Editorial corrections | FirstNet / Mike | 24.379 | 0538 | 1 | Rel-16 | D | MCProtoc16 | agreed |
| C1-198487 | Automatic client triggered affiliation or deaffiliation based on certain criteria | Kapsch CarrierCom France S.A.S | 24.379 | 0539 | - | Rel-16 | B | MONASTERY2 | withdrawn |
| C1-198518 | Implicit activation and deactivation of functional alias(es) | Kapsch CarrierCom France S.A.S | 24.379 | 0540 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198653 | Implicit activation and deactivation of functional alias(es) | Kapsch CarrierCom France S.A.S | 24.379 | 0540 | 1 | Rel-16 | B | MONASTERY2 | revised |
| C1-198801 | Implicit activation and deactivation of functional alias(es) | Kapsch CarrierCom France S.A.S | 24.379 | 0540 | 2 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198520 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.379 | 0541 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198654 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.379 | 0541 | 1 | Rel-16 | B | MONASTERY2 | revised |
| C1-198803 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.379 | 0541 | 2 | Rel-16 | B | MONASTERY2 | postponed |
| C1-198532 | Additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | 24.379 | 0542 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198660 | Additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | 24.379 | 0542 | 1 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198533 | Update group document to support additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | 24.481 | 0039 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198661 | Update group document to support additional commencement modes for group calls | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | 24.481 | 0039 | 1 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198278 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | 24.483 | 0060 | - | Rel-13 | F | MCPTT-CT | agreed |
| C1-198279 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | 24.483 | 0061 | - | Rel-14 | A | MCPTT-CT | agreed |
| C1-198280 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | 24.483 | 0062 | - | Rel-15 | A | MCPTT-CT | agreed |
| C1-198281 | Correction of single timer TFP2 mistakenly use for two different purposes | NIST, FirstNet / Mike | 24.483 | 0063 | - | Rel-16 | A | MCPTT-CT | agreed |
| C1-198522 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.483 | 0064 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198657 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.483 | 0064 | 1 | Rel-16 | B | MONASTERY2 | revised |
| C1-198847 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.483 | 0064 | 2 | Rel-16 | B | MONASTERY2 | postponed |
| C1-198699 | List of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | 24.483 | 0065 | - | Rel-16 | B | MONASTERY2 | agreed |
| C1-198656 | Automatic activation and deactivation of functional aliases based on location | Nokia, Nokia Shanghai Bell | 24.484 | 0126 | 2 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198042 | XML schema correction | AT&T | 24.484 | 0127 | - | Rel-16 | F | MCProtoc16 | withdrawn |
| C1-198099 | TS 24.484 Fix init config xsd file | L3Harris Technologies | 24.484 | 0128 | - | Rel-16 | F | MCProtoc16 | withdrawn |
| C1-198100 | TS 24.484 Fix MCVideo and MCData xsd and file | L3Harris Technologies | 24.484 | 0129 | - | Rel-16 | F | MCProtoc16 | withdrawn |
| C1-198204 | TS 24.484 Fix init config xsd file | L3Harris Technologies | 24.484 | 0130 | - | Rel-16 | F | MCProtoc16 | revised |
| C1-198684 | TS 24.484 Fix init config xsd file | L3Harris Technologies | 24.484 | 0130 | 1 | Rel-16 | F | MCProtoc16 | agreed |
| C1-198205 | TS 24.484 Fix MCVideo and MCData xsd and file | L3Harris Technologies | 24.484 | 0131 | - | Rel-16 | F | MCProtoc16 | postponed |
| C1-198521 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.484 | 0132 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198655 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.484 | 0132 | 1 | Rel-16 | B | MONASTERY2 | revised |
| C1-198846 | Automatic group affiliation and deaffiliation based on location or functional alias | Kapsch CarrierCom France S.A.S, Nokia, Nokia Shanghai Bell | 24.484 | 0132 | 2 | Rel-16 | B | MONASTERY2 | postponed |
| C1-198531 | Update service configuration to support communication priority for functional aliases | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | 24.484 | 0133 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198659 | Update service configuration to support communication priority for functional aliases | Nokia, Nokia Shanghai Bell, Kapsch CarrierCom, Kontron Transportation | 24.484 | 0133 | 1 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198800 | List of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | 24.484 | 0134 | - | Rel-16 | B | MONASTERY2 | revised |
| C1-198844 | List of MCPTT group members who did not ack the group call req | Kapsch CarrierCom France S.A.S | 24.484 | 0134 | 1 | Rel-16 | B | MONASTERY2 | agreed |
| C1-198322 | Clarfiy that the Allowed NSSAI is also Stored for EPLMN. | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, OPPO | 24.501 | 0757 | 8 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198929 | Storage of allowed NSSAI for PLMNs in TAI list | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, OPPO, Ericsson | 24.501 | 0757 | 9 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198081 | Handing of 5GMM parameters during certain mobility registration failures | Samsung/Anikethan | 24.501 | 1327 | 4 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198728 | Maintenance of forbidden TA lists for non-integrity protected NAS reject | Huawei, HiSilicon, MediaTek Inc. Nokia, Nokia Shanghai Bell | 24.501 | 1373 | 4 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198211 | Covering 5GMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone/Lin | 24.501 | 1375 | 4 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199025 | Covering 5GMM cuase #31 for DoS attack | Huawei, HiSilicon, Vodafone, Samsung | 24.501 | 1375 | 5 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198215 | UE checking the active EPS bearer ID for mapped QoS flows | Huawei, HiSilicon/Lin | 24.501 | 1376 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198918 | UE checking the active EPS bearer ID for mapped QoS flows | Huawei, HiSilicon/Lin | 24.501 | 1376 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198217 | 5G NAS security context for interworking | Huawei, HiSilicon/Lin | 24.501 | 1378 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198999 | 5G NAS security context for interworking | Huawei, HiSilicon/Lin | 24.501 | 1378 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198218 | Corrections on the abnormal cases of registration procedure for initial registration | Huawei, HiSilicon/Lin | 24.501 | 1379 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199000 | Corrections on the abnormal cases of registration procedure for initial registration | Huawei, HiSilicon/Lin | 24.501 | 1379 | 3 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199032 | Corrections on the abnormal cases of registration procedure for initial registration | Huawei, HiSilicon/Lin | 24.501 | 1379 | 4 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198219 | Correction on handling and coding of Mapped EPS bearer contexts | Huawei, HiSilicon/Lin | 24.501 | 1400 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198971 | Correction on handling and coding of Mapped EPS bearer contexts | Huawei, HiSilicon/Lin | 24.501 | 1400 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198095 | Emergency registered state handling | Samsung/Anikethan | 24.501 | 1409 | 3 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198913 | Emergency registered state handling | Samsung | 24.501 | 1409 | 4 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198361 | Handling of MCS data in various 5GMM states | Samsung/Kundan | 24.501 | 1415 | 5 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198944 | Handling of MCS data in various 5GMM states | Samsung/Kundan | 24.501 | 1415 | 6 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198506 | mapped EPS bearer context without TFT | Huawei, HiSilicon/Xiaoyan, Vishnu | 24.501 | 1417 | 2 | Rel-16 | F | 5GProtoc16 | merged |
| C1-198512 | emergency PDU session establishment upon expiry of timer T3580 | Huawei, HiSilicon/Xiaoyan, Vishnu | 24.501 | 1418 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198963 | emergency PDU session establishment upon expiry of timer T3580 | Huawei, HiSilicon, MediaTek Inc | 24.501 | 1418 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198349 | Transmission of the UE CAG capability to the network. | Samsung, Ericsson, Vodafone | 24.501 | 1431 | 7 | Rel-16 | B | Vertical\_LAN | revised |
| C1-198759 | Transmission of the UE CAG capability to the network | Samsung, Ericsson, Vodafone, Deutsche Telekom | 24.501 | 1431 | 8 | Rel-16 | B | Vertical\_LAN | agreed |
| C1-198191 | Correction and clarification of interworking with ePDG connected to EPC | Intel / Vivek | 24.501 | 1433 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198029 | Slice-specific authentication and authorization procedure | Nokia, Nokia Shanghai Bell | 24.501 | 1450 | 3 | Rel-16 | B | eNS | revised |
| C1-198577 | Slice-specific authentication and authorization procedure | Nokia, Nokia Shanghai Bell, ZTE | 24.501 | 1450 | 4 | Rel-16 | B | eNS | revised |
| C1-198976 | Slice-specific authentication and authorization procedure | Nokia, Nokia Shanghai Bell, ZTE, NEC | 24.501 | 1450 | 5 | Rel-16 | B | eNS | agreed |
| C1-198137 | Correction to delivery of mapped S-NSSAI(s) | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | 24.501 | 1480 | 5 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198906 | Correction to delivery of mapped S-NSSAI(s) | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | 24.501 | 1480 | 6 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199050 | Correction to delivery of mapped S-NSSAI(s) | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | 24.501 | 1480 | 7 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198141 | Receiving deregistration with cause #72 when registered for both 3GPP and Non-3GPP access | MediaTek Inc., ZTE, Samsung | 24.501 | 1496 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198920 | Receiving deregistration with cause #72 when registered for both 3GPP and Non-3GPP access | MediaTek Inc., ZTE, Samsung, SHARP | 24.501 | 1496 | 2 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198916 | Correcting DDX description | BlackBerry UK Ltd. | 24.501 | 1497 | 1 | Rel-16 | F | 5G\_CIoT | revised |
| C1-199033 | Correcting DDX description | BlackBerry UK Ltd. | 24.501 | 1497 | 2 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198025 | MA PDU session rejection due to lack of network support | Motorola Mobility, Lenovo | 24.501 | 1503 | 2 | Rel-16 | F | ATSSS | withdrawn |
| C1-198050 | Introduction of unauthorized NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC / Atle | 24.501 | 1505 | 3 | Rel-16 | C | eNS | revised |
| C1-198578 | Introduction of unauthorized NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC | 24.501 | 1505 | 4 | Rel-16 | C | eNS | revised |
| C1-198985 | Introduction of pending NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC | 24.501 | 1505 | 5 | Rel-16 | C | eNS | revised |
| C1-199044 | Introduction of pending NSSAI for network slice-specific authentication and authorization | InterDigital, ZTE, vivo, NEC | 24.501 | 1505 | 6 | Rel-16 | C | eNS | agreed |
| C1-199056 | Primary authentication using EAP methods other than EAP-AKA' and EAP-TLS | Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1510 | 3 | Rel-16 | B | Vertical\_LAN | agreed |
| C1-199055 | Extensions of EAP-TLS usage in primary authentication | Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1512 | 2 | Rel-16 | B | Vertical\_LAN | agreed |
| C1-198155 | Further alignment with stage-2 on PEI for 5G-RG and FN-RG | Ericsson / Ivo | 24.501 | 1514 | 1 | Rel-16 | F | 5WWC | agreed |
| C1-198422 | Abnormal case handling for uplink NAS transport for non-supporting Ues | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1519 | 3 | Rel-16 | F | 5G\_CIoT | revised |
| C1-198948 | Abnormal case handling for uplink NAS transport for non-supporting Ues | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1519 | 4 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198115 | Applicability of existing emergency PDU session request type | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1520 | 1 | Rel-16 | B | 5G\_CIoT | revised |
| C1-198597 | Applicability of existing emergency PDU session request type | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1520 | 2 | Rel-16 | B | 5G\_CIoT | agreed |
| C1-198793 | Correct port management information container reference | BlackBerry UK Limited | 24.501 | 1521 | 1 | Rel-16 | F | Vertical\_LAN | withdrawn |
| C1-198747 | A single DS-TT associated with a PDU session | Nokia, Nokia Shanghai Bell | 24.501 | 1524 | 1 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198447 | Deregistration due to failed network Slice-Specific Authentication and Authorization | vivo, Motorola Mobility, Lenovo | 24.501 | 1526 | 5 | Rel-16 | F | eNS | revised |
| C1-198576 | Deregistration due to failed network Slice-Specific Authentication and Authorization | vivo, Motorola Mobility, Lenovo, InterDigital | 24.501 | 1526 | 6 | Rel-16 | F | eNS | agreed |
| C1-198075 | NW slice authentication and authorization failure and revocation | Ericsson /kaj | 24.501 | 1533 | 3 | Rel-16 | C | eNS | revised |
| C1-198772 | NW slice authentication and authorization failure and revocation | Ericsson /kaj | 24.501 | 1533 | 4 | Rel-16 | C | eNS | postponed |
| C1-198076 | Registration reject due to no allowed slices and NW slice specific authentication and authorization | Ericsson /kaj | 24.501 | 1549 | 2 | Rel-16 | F | eNS | revised |
| C1-198774 | Registration reject due to no allowed slices and NW slice specific authentication and authorization | Ericsson | 24.501 | 1549 | 3 | Rel-16 | F | eNS | agreed |
| C1-198729 | Clarification to forbidden TAI lists for SNPN | Huawei, HiSilicon, Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1551 | 2 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198309 | Updates for Manual CAS selection | Huawei, HiSilicon / Vishnu | 24.501 | 1554 | 2 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198769 | Updates for Manual CAS selection | Huawei, HiSilicon / Vishnu | 24.501 | 1554 | 3 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198992 | Updates for Manual CAG selection | Huawei, HiSilicon / Vishnu | 24.501 | 1554 | 4 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198469 | 5GMM cause value #74 and requirements for non-integrity protected reject messages | Nokia, Nokia Shanghai Bell | 24.501 | 1555 | 1 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198726 | 5GMM cause value #74 and requirements for non-integrity protected reject messages | Nokia, Nokia Shanghai Bell | 24.501 | 1555 | 2 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198907 | Handling of maximum number of allowed active DRBs | OPPO, Blackberry UK Ltd., Huawei, HiSilicon, Interdigital, Ericsson | 24.501 | 1563 | 4 | Rel-16 | F | 5G\_CIoT | revised |
| C1-199038 | Handling of maximum number of allowed active DRBs | OPPO, Blackberry UK Ltd., Huawei, HiSilicon, Interdigital, Ericsson | 24.501 | 1563 | 5 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198500 | Impacts to the registration procedure due to manual CAG selection | Nokia, Nokia Shanghai Bell | 24.501 | 1566 | 2 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198768 | Impacts to the registration procedure due to manual CAG selection | Nokia, Nokia Shanghai Bell | 24.501 | 1566 | 3 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198428 | Handling of errors in mapped EPS bearer contexts | MediaTek Inc. / JJ | 24.501 | 1592 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198953 | Handling of errors in mapped EPS bearer contexts | MediaTek Inc., Huawei, HiSilicon | 24.501 | 1592 | 2 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198911 | DNN replacement | Nokia, Nokia Shanghai Bell | 24.501 | 1594 | 3 | Rel-16 | F | 5GProtoc16 | merged |
| C1-198356 | Handling of wait time during resume procedure | Samsung/Kundan | 24.501 | 1595 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198925 | Handling of wait time during resume procedure | Samsung/Kundan | 24.501 | 1595 | 3 | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198357 | Clarification to suspend and resume procedure | Samsung | 24.501 | 1597 | 2 | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198368 | Preventing UE waiting for completion of NSSAA indefinitely – Atl1 NW timer | NEC | 24.501 | 1600 | 1 | Rel-16 | B | eNS | revised |
| C1-198779 | Preventing UE waiting for completion of NSSAA indefinitely – Atl1 NW timer | NEC | 24.501 | 1600 | 2 | Rel-16 | B | eNS | postponed |
| C1-198369 | Preventing UE waiting for completion of NSSAA indefinitely - Atl2UE timer | NEC, InterDigital | 24.501 | 1601 | 1 | Rel-16 | B | eNS | revised |
| C1-198780 | Preventing UE waiting for completion of NSSAA indefinitely - Atl2UE timer | NEC, InterDigital | 24.501 | 1601 | 2 | Rel-16 | B | eNS | postponed |
| C1-198370 | NSSAI storage impact with NSSAA | NEC, Interdigital | 24.501 | 1602 | 2 | Rel-16 | B | eNS | revised |
| C1-198770 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | 24.501 | 1602 | 3 | Rel-16 | B | eNS | revised |
| C1-199014 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | 24.501 | 1602 | 4 | Rel-16 | B | eNS | revised |
| C1-199058 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | 24.501 | 1602 | 5 | Rel-16 | B | eNS | revised |
| C1-199064 | NSSAI storage impact with NSSAA | NEC, InterDigital, vivo | 24.501 | 1602 | 6 | Rel-16 | B | eNS | agreed |
| C1-198352 | CAG only UE and emergency procedure | Samsung, Intel | 24.501 | 1604 | 5 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198734 | CAG only UE and emergency procedure | Samsung, Intel | 24.501 | 1604 | 6 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198989 | CAG only UE and emergency procedure | Samsung, Intel | 24.501 | 1604 | 7 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198113 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson /Jennifer | 24.501 | 1605 | 2 | Rel-16 | B | 5G\_CIoT | revised |
| C1-198595 | SGC timer and handling during intersystem change | Nokia, Nokia Shanghai Bell, Ericsson | 24.501 | 1605 | 3 | Rel-16 | B | 5G\_CIoT | agreed |
| C1-198460 | Introduction of ‘Invalid mapped EPS bearer QoS’ 5GSM cause code | Apple | 24.501 | 1607 | 1 | Rel-16 | F | TEI16 | revised |
| C1-198945 | Introduction of ‘Invalid mapped EPS bearer QoS’ 5GSM cause code | Apple | 24.501 | 1607 | 2 | Rel-16 | F | TEI16 | withdrawn |
| C1-198461 | Allowing Mapped EPS bearer contexts IE to request QoS modification in PDU Session Modification request | Apple | 24.501 | 1614 | 1 | Rel-16 | F | TEI16 | revised |
| C1-198946 | Allowing Mapped EPS bearer contexts IE to request QoS modification in PDU Session Modification request | Apple | 24.501 | 1614 | 2 | Rel-16 | F | TEI16 | withdrawn |
| C1-198197 | Unified Access Control for IMS registration related signalling | NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT | 24.501 | 1628 | 3 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198791 | Unified Access Control for IMS registration related signalling | NTT DOCOMO, Huawei, HiSillicon, KDDI, Intel, Ericsson, SHARP, NEC, MediaTek, NTT, Samsung | 24.501 | 1628 | 4 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198020 | PDU session handling for 5NCW device | Motorola Mobility, Lenovo | 24.501 | 1641 | 1 | Rel-16 | B | 5WWC | revised |
| C1-198761 | PDU session handling for 5NCW device | Motorola Mobility, Lenovo | 24.501 | 1641 | 2 | Rel-16 | B | 5WWC | postponed |
| C1-198013 | Correct EPS SRVCC support indication when registering with 5GS | BlackBerry UK Ltd. | 24.501 | 1642 | - | Rel-15 | F | 5GS\_Ph1-CT | rejected |
| C1-198014 | Correct EPS SRVCC support indication when registering with 5GS | BlackBerry UK Ltd. | 24.501 | 1643 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C1-198700 | Correct EPS SRVCC support indication when registering with 5GS | BlackBerry UK Ltd. | 24.501 | 1643 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198030 | EPS bearer identity coding, revoke agreed non backward compatible changes | Ericsson /kaj | 24.501 | 1644 | - | Rel-16 | F | 5GProtoc16 | merged |
| C1-198031 | Correcting text and format | Motorola Mobility, Lenovo | 24.501 | 1645 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198790 | Correcting text and format | Motorola Mobility, Lenovo | 24.501 | 1645 | 1 | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198043 | Service gap control and inter system change from EPS to 5GS | Ericsson /kaj | 24.501 | 1646 | - | Rel-16 | C | 5G\_CIoT | withdrawn |
| C1-198047 | 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices | Ericsson / Mikael | 24.501 | 1647 | - | Rel-16 | B | 5G\_CIoT | revised |
| C1-198591 | 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices | Ericsson, Nokia, Huawei, HiSilicon, Nokia Shanghai Bell, ZTE | 24.501 | 1647 | 1 | Rel-16 | B | 5G\_CIoT | revised |
| C1-198979 | 5GS NAS extended timers for NB-N1 mode and WB-N1/CE mode devices | Ericsson, Nokia, Huawei, HiSilicon, Nokia Shanghai Bell, ZTE | 24.501 | 1647 | 2 | Rel-16 | B | 5G\_CIoT | agreed |
| C1-198048 | Serving PLMN rate control at PDU session modification | Ericsson / Mikael | 24.501 | 1648 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198590 | Serving PLMN rate control at PDU session modification | Ericsson, Sharp | 24.501 | 1648 | 1 | Rel-16 | C | 5G\_CIoT | agreed |
| C1-198052 | Clarification on the Mapped EPS bearer context | QUALCOMM Europe Inc. - Italy | 24.501 | 1649 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198904 | Clarification on the Mapped EPS bearer context | QUALCOMM Europe Inc. - Italy | 24.501 | 1649 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198053 | Editorial corrections to text related to the status of PDU sessions during SR procedure | Samsung/Anikethan | 24.501 | 1650 | - | Rel-16 | D | 5GProtoc16 | agreed |
| C1-198054 | Short MAC and ngKSI in Control plane service request NAS message | Ericsson, Intel / Mikael | 24.501 | 1651 | - | Rel-16 | F | 5G\_CIoT | revised |
| C1-198580 | Short MAC and ngKSI in Control plane service request NAS message | Ericsson, Intel, InterDigital, Huawei, HiSilicon | 24.501 | 1651 | 1 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198055 | Additional trigger for mobility registration | Samsung/Anikethan | 24.501 | 1652 | - | Rel-16 | F | eNS | not pursued |
| C1-198073 | Correction to the handling of cause #62 | Samsung/Anikethan | 24.501 | 1653 | - | Rel-16 | F | eNS | revised |
| C1-198771 | Correction to the handling of cause #62 | Samsung/Anikethan | 24.501 | 1653 | 1 | Rel-16 | F | eNS | postponed |
| C1-198074 | Handling for the use case when maximum allowed active DRB's have been reached | Samsung/Anikethan | 24.501 | 1654 | - | Rel-16 | F | 5G\_CIoT | revised |
| C1-198589 | Handling for the use case when maximum allowed active DRB's have been reached | Samsung/Anikethan | 24.501 | 1654 | 1 | Rel-16 | F | 5G\_CIoT | postponed |
| C1-198077 | NSSAI Handling in Roaming Cases | QUALCOMM Europe Inc. - Italy | 24.501 | 1655 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198905 | NSSAI Handling in Roaming Cases | QUALCOMM Europe Inc. - Italy | 24.501 | 1655 | 1 | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198078 | Association of the 5GSM back-off timer and handling of 5GSM cause #39 after an S-NSSAI update | QUALCOMM Europe Inc. - Italy | 24.501 | 1656 | - | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198079 | Introduction of NSSAI efficient signalling for IoT devices | QUALCOMM Europe Inc. - Italy | 24.501 | 1657 | - | Rel-16 | B | 5G\_CIoT | revised |
| C1-198746 | Introduction of NSSAI efficient signalling for IoT devices | Qualcomm Incorporated, vivo, ZTE, InterDigital | 24.501 | 1657 | 1 | Rel-16 | B | 5G\_CIoT | revised |
| C1-198981 | Introduction of NSSAI efficient signalling for IoT devices | Qualcomm Incorporated, vivo, ZTE, InterDigital | 24.501 | 1657 | 2 | Rel-16 | B | 5G\_CIoT | agreed |
| C1-198082 | Removal of Editor’s note on conditions of accepting registration | ZTE, Ericsson | 24.501 | 1658 | - | Rel-16 | C | eNS | revised |
| C1-198775 | Removal of Editor’s note on conditions of accepting registration | ZTE, Ericsson | 24.501 | 1658 | 1 | Rel-16 | C | eNS | agreed |
| C1-198084 | Optional support for CP optimization | ZTE | 24.501 | 1659 | - | Rel-16 | C | 5G\_CIoT | postponed |
| C1-198085 | UE behaviour when T3448 timer running | ZTE, Ericsson | 24.501 | 1660 | - | Rel-16 | F | 5G\_CIoT | revised |
| C1-198594 | UE behaviour when T3448 timer running | ZTE, Ericsson | 24.501 | 1660 | 1 | Rel-16 | F | 5G\_CIoT | revised |
| C1-198980 | UE behaviour when T3448 timer running | ZTE, Ericsson | 24.501 | 1660 | 2 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198086 | AMF behaviour for mobility registration when SGC timer running | ZTE | 24.501 | 1661 | - | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198088 | Clarification on the UE policy container | ZTE | 24.501 | 1662 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198096 | DNN Replacement | Ericsson / Mikael | 24.501 | 1663 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198912 | DNN Replacement | Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1663 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198097 | Faulty and missing reference | Ericsson / Mikael | 24.501 | 1664 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198961 | Faulty and missing reference | Ericsson / Mikael | 24.501 | 1664 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198106 | Correction of handling of de-registration procedure in ATTEMPTING-REGISTRATION-UPDATE | Intel | 24.501 | 1665 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198795 | Correction of handling of de-registration procedure in ATTEMPTING-REGISTRATION-UPDATE | Intel | 24.501 | 1665 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198109 | Corrections and enhancements for T3540 | Intel | 24.501 | 1666 | - | Rel-16 | F | 5GProtoc16, Vertical\_LAN | revised |
| C1-198798 | Corrections and enhancements for T3540 | Intel | 24.501 | 1666 | 1 | Rel-16 | F | 5GProtoc16, Vertical\_LAN | agreed |
| C1-198117 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1667 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C1-198702 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | 24.501 | 1667 | 1 | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C1-198982 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | 24.501 | 1667 | 2 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C1-198118 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1668 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C1-198703 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | 24.501 | 1668 | 1 | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C1-198983 | NAS Count setting during inter-system change from N1 mode to S1 mode | Nokia, Nokia Shanghai Bell, MediaTek Inc. | 24.501 | 1668 | 2 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C1-198122 | Handling multiple QoS errors during a PDU session modification procedure – Option 1 | QUALCOMM Europe Inc. - Italy | 24.501 | 1669 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198926 | Handling multiple QoS errors during a PDU session modification procedure – Option 1 | Qualcomm Incorporated, MediaTek Inc., Ericsson | 24.501 | 1669 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199053 | Handling multiple QoS errors during a PDU session modification procedure – Option 1 | Qualcomm Incorporated, MediaTek Inc., Ericsson | 24.501 | 1669 | 2 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198123 | Handling multiple QoS errors during a PDU session modification procedure – Option 2 | QUALCOMM Europe Inc. - Italy | 24.501 | 1670 | - | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198125 | UE indication of support for Mobile Terminated (MT) Early Data Transmission | QUALCOMM Europe Inc. - Italy | 24.501 | 1671 | - | Rel-16 | B | 5G\_CIoT | revised |
| C1-198588 | UE indication of support for Mobile Terminated (MT) Early Data Transmission | QUALCOMM Europe Inc. - Italy | 24.501 | 1671 | 1 | Rel-16 | B | 5G\_CIoT | postponed |
| C1-198127 | Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions | QUALCOMM Europe Inc. - Italy | 24.501 | 1672 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198585 | Handling of user-plane resources for NB-IoT UEs having at least two PDU sessions | QUALCOMM Europe Inc. - Italy | 24.501 | 1672 | 1 | Rel-16 | C | 5G\_CIoT | postponed |
| C1-198129 | Introduction of NB-IoT UE specific DRX | QUALCOMM Europe Inc. - Italy | 24.501 | 1673 | - | Rel-16 | B | 5G\_CIoT | revised |
| C1-198583 | Introduction of NB-IoT UE specific DRX | QUALCOMM Europe Inc. - Italy | 24.501 | 1673 | 1 | Rel-16 | B | 5G\_CIoT | postponed |
| C1-198131 | No info on S-NSSAI subject to NSSAA in UE | OPPO / Rae | 24.501 | 1674 | - | Rel-16 | F | eNS | revised |
| C1-198776 | No info on S-NSSAI subject to NSSAA in UE | OPPO / Rae | 24.501 | 1674 | 1 | Rel-16 | F | eNS | agreed |
| C1-198133 | Align with stage-2 conditions UE requests MA PDU session after interworking | OPPO / Rae | 24.501 | 1675 | - | Rel-16 | B | ATSSS | revised |
| C1-198711 | Align with stage-2 conditions UE requests MA PDU session after interworking | OPPO, Huawei, HiSilicon | 24.501 | 1675 | 1 | Rel-16 | B | ATSSS | postponed |
| C1-198135 | Add the missing SNPN when UE uses GUTI in initial registration | OPPO / Rae | 24.501 | 1676 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198733 | Add the missing SNPN when UE uses GUTI in initial registration | OPPO | 24.501 | 1676 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198138 | Correction to UE abnormal case in initial registration | MediaTek Inc. / Marko | 24.501 | 1677 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198962 | Correction to UE abnormal case in initial registration | MediaTek Inc. / Marko | 24.501 | 1677 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198139 | UL and DL NAS COUNT handling at HO from 5GS to EPS (Rel-15) | MediaTek Inc. / Marko | 24.501 | 1678 | - | Rel-15 | F | 5GProtoc16 | rejected |
| C1-198140 | UL and DL NAS COUNT handling at HO from 5GS to EPS (Rel-16) | MediaTek Inc. / Marko | 24.501 | 1679 | - | Rel-16 | A | 5GProtoc16 | rejected |
| C1-198144 | 5GMM state in non-3GPP access not impacting EMM state of single-registered UE | Ericsson / Ivo | 24.501 | 1680 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198147 | Registration attempt counter reset by single-registered UE | Ericsson | 24.501 | 1681 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198997 | Registration attempt counter reset by single-registered UE | Ericsson | 24.501 | 1681 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198148 | Correction for 5GMM and inter-system change | Ericsson | 24.501 | 1682 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198149 | Correction for 5GSM and inter-system change with N26 | Ericsson | 24.501 | 1683 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198150 | Clarification to forbidden PLMN list | Ericsson | 24.501 | 1684 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198998 | Clarification to forbidden PLMN list | Ericsson | 24.501 | 1684 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198151 | Access stratum connection and user-plane resources for trusted non-3GPP access and wireline access | Ericsson, CableLabs, Charter Communications / Ivo | 24.501 | 1685 | - | Rel-16 | C | 5WWC | agreed |
| C1-198152 | Usage of PDU session identity for the PDU sessions requested by the TWIF | Ericsson / Ivo | 24.501 | 1686 | - | Rel-16 | B | 5WWC | revised |
| C1-198760 | Usage of PDU session identity for the PDU sessions requested by the TWIF | Ericsson / Ivo | 24.501 | 1686 | 1 | Rel-16 | B | 5WWC | agreed |
| C1-198154 | Removal of Session-TMBR | Ericsson / Ivo | 24.501 | 1687 | - | Rel-16 | C | 5WWC | agreed |
| C1-198160 | 5G-RG and W-AGF acting on behalf of FN-RG performing UE requirements | Ericsson, Charter Communications / Ivo | 24.501 | 1688 | - | Rel-16 | C | 5WWC | agreed |
| C1-198161 | Secondary authentication and W-AGF acting on behalf of FN-RG | Ericsson, CableLabs, Charter Communications | 24.501 | 1689 | - | Rel-16 | C | 5WWC | postponed |
| C1-198162 | Correction for 5GS network feature support IE | Ericsson | 24.501 | 1690 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198163 | Informing lower layers that access to RLOS is initiated | Ericsson / Ivo | 24.501 | 1691 | - | Rel-16 | C | PARLOS | rejected |
| C1-198165 | UPDS updates enabling UE-requested V2X policy provisioning procedure | Ericsson / Ivo | 24.501 | 1692 | - | Rel-16 | B | eV2XARC | revised |
| C1-198628 | UPDS updates enabling UE-requested V2X policy provisioning procedure | Ericsson / Ivo | 24.501 | 1692 | 1 | Rel-16 | B | eV2XARC | agreed |
| C1-198175 | Exchange of port management capabilities during PDU session establishment | Intel / Thomas | 24.501 | 1693 | - | Rel-16 | B | Vertical\_LAN | revised |
| C1-198756 | Exchange of port management capabilities during PDU session establishment | Intel, Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, Ericsson | 24.501 | 1693 | 1 | Rel-16 | B | Vertical\_LAN | agreed |
| C1-198176 | Additional abnormal cases in SNPN | Intel / Thomas | 24.501 | 1694 | - | Rel-16 | C | Vertical\_LAN | revised |
| C1-198730 | Additional abnormal cases in SNPN | Intel / Thomas | 24.501 | 1694 | 1 | Rel-16 | C | Vertical\_LAN | agreed |
| C1-198195 | Fix PDU Session ID mismatch between UE and AMF | NEC Corporation | 24.501 | 1695 | - | Rel-15 | F | TEI15 | rejected |
| C1-198196 | Fix PDU Session ID mismatch between UE and AMF | NEC Corporation | 24.501 | 1696 | - | Rel-16 | F | TEI16 | revised |
| C1-198704 | Fix PDU Session ID mismatch between UE and AMF | NEC Corporation | 24.501 | 1696 | 1 | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198209 | 5QI 86 introduction | Ericsson / Ivo | 24.501 | 1697 | - | Rel-16 | B | eV2XARC | revised |
| C1-198629 | 5QI 86 introduction | Ericsson, vivo, OPPO | 24.501 | 1697 | 1 | Rel-16 | B | eV2XARC | agreed |
| C1-198221 | Deletion of UE radio capability in the network | Huawei, HiSilicon/Lin | 24.501 | 1698 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198908 | Deletion of UE radio capability in the network | Huawei, HiSilicon, Samsung | 24.501 | 1698 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198224 | Retry restriction on non-3GPP access | Huawei, HiSilicon/Lin | 24.501 | 1699 | - | Rel-16 | C | SINE\_5G | revised |
| C1-198568 | Retry restriction on non-3GPP access | Huawei, HiSilicon, Ericsson, MediaTek Inc. | 24.501 | 1699 | 1 | Rel-16 | C | SINE\_5G | agreed |
| C1-198225 | No retry restriction for 5GSM cause value #39 | Huawei, HiSilicon/Lin | 24.501 | 1700 | - | Rel-16 | F | SINE\_5G | revised |
| C1-198569 | No retry restriction for 5GSM cause value #39 | Huawei, HiSilicon/Lin | 24.501 | 1700 | 1 | Rel-16 | F | SINE\_5G | agreed |
| C1-198226 | Enhancement on CPSR for CIoT CP data transport | Huawei, HiSilicon, Vodafone/Lin | 24.501 | 1701 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198581 | Enhancement on CPSR for CIoT CP data transport | Huawei, HiSilicon, Vodafone, ZTE, China Mobile, China Telecom | 24.501 | 1701 | 1 | Rel-16 | C | 5G\_CIoT | postponed |
| C1-198229 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon/Lin | 24.501 | 1702 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198584 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung | 24.501 | 1702 | 1 | Rel-16 | C | 5G\_CIoT | revised |
| C1-198978 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung | 24.501 | 1702 | 2 | Rel-16 | C | 5G\_CIoT | revised |
| C1-199019 | Support of UE specific DRX for NB-IoT | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, ZTE, Vodafone, Ericsson, Samsung | 24.501 | 1702 | 3 | Rel-16 | C | 5G\_CIoT | agreed |
| C1-198235 | Correction on delivery of gPTP messages for time synchronization | Huawei, HiSilicon/Lin | 24.501 | 1703 | - | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198236 | Determination of Emergency Services Fallback support in the AMF | BlackBerry UK Ltd. | 24.501 | 1704 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198919 | Determination of Emergency Services Fallback support in the AMF | BlackBerry UK Ltd. | 24.501 | 1704 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198994 | Determination of Emergency Services Fallback support in the AMF | BlackBerry UK Ltd. | 24.501 | 1704 | 2 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198289 | Transfer of Ciphering Key Information for Broadcast Location Assistance Data | Qualcomm Incorporated / Lena | 24.501 | 1705 | - | Rel-16 | B | 5G\_eLCS | revised |
| C1-198599 | Transfer of Ciphering Key Information for Broadcast Location Assistance Data | Qualcomm Incorporated / Lena | 24.501 | 1705 | 1 | Rel-16 | B | 5G\_eLCS | agreed |
| C1-198298 | 3GPP registry for OS Id | Motorola Mobility, Lenovo, Nokia, Nokia Shanghai Bell, Intel, Samsung, Vodafone, Ericsson, Proximus, InterDigital | 24.501 | 1706 | - | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198299 | Timer T3448 | vivo / Yanchao | 24.501 | 1707 | - | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198300 | Rejected NSSAI | vivo / Yanchao | 24.501 | 1708 | - | Rel-15 | F | 5GS\_Ph1-CT | rejected |
| C1-198301 | Rejected NSSAI | vivo / Yanchao | 24.501 | 1709 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C1-198705 | Rejected NSSAI | vivo / Yanchao | 24.501 | 1709 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198302 | Sending location services data from 5GMM-IDLE mode using the Control Plane Service Request message | QUALCOMM Europe Inc. - Italy | 24.501 | 1710 | - | Rel-16 | F | 5G\_eLCS | revised |
| C1-198598 | Sending location services data from 5GMM-IDLE mode using the Control Plane Service Request message | QUALCOMM Europe Inc. - Italy | 24.501 | 1710 | 1 | Rel-16 | F | 5G\_eLCS | agreed |
| C1-198304 | Correction of the format of CIoT small data container | InterDigital France R&D, SAS | 24.501 | 1711 | - | Rel-16 | F | 5G\_CIoT | revised |
| C1-198947 | Correction of the format of CIoT small data container | InterDigital France R&D, SAS | 24.501 | 1711 | 1 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198305 | Removal of a Code-point in Control Plane Service Type | InterDigital | 24.501 | 1712 | - | Rel-16 | F | 5G\_CIoT | revised |
| C1-198987 | Removal of a Code-Point in Control Plane Service Type | InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1712 | 1 | Rel-16 | F | 5G\_CIoT | revised |
| C1-199001 | Removal of a Code-Point in Control Plane Service Type | InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1712 | 2 | Rel-16 | F | 5G\_CIoT | revised |
| C1-199018 | Removal of a Code-Point in Control Plane Service Type | InterDigital, Intel, Ericsson, Nokia, Nokia Shanghai Bell | 24.501 | 1712 | 3 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198307 | Storage of unauthorized NSSAI | vivo / Yanchao | 24.501 | 1713 | - | Rel-16 | F | eNS | merged |
| C1-198308 | UE behavoir on rejected NSSAI due to failed NSSAA | vivo / Yanchao | 24.501 | 1714 | - | Rel-16 | F | eNS | revised |
| C1-198773 | UE behavoir on rejected NSSAI due to failed NSSAA | vivo, ZTE | 24.501 | 1714 | 1 | Rel-16 | F | eNS | revised |
| C1-199013 | UE behavoir on rejected NSSAI due to failed NSSAA | vivo, ZTE | 24.501 | 1714 | 2 | Rel-16 | F | eNS | postponed |
| C1-198310 | Correction to EPLMN list deletion for 5GMM cause #7 | Huawei, HiSilicon / Vishnu | 24.501 | 1715 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198968 | Correction to EPLMN list deletion for 5GMM cause #7 | Huawei, HiSilicon / Vishnu | 24.501 | 1715 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198312 | Correction to UE OS ID | Huawei, HiSilicon/ Vishnu | 24.501 | 1716 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198314 | Expiration of CAG subscription while emergency PDU session | Huawei, HiSilicon / Vishnu | 24.501 | 1717 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198737 | Removal of CAG suscription while emergency PDU session is established. | Huawei, HiSilicon / Vishnu | 24.501 | 1717 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198990 | Removal of CAG suscription while emergency PDU session is established. | Huawei, HiSilicon / Vishnu | 24.501 | 1717 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199021 | Removal of CAG suscription while emergency PDU session is established. | Huawei, HiSilicon / Vishnu | 24.501 | 1717 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198319 | Definition of CAG terms | Huawei, HiSilicon / Vishnu | 24.501 | 1718 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198739 | Defenition of CAG cell, CAG ID and CAG selection | Huawei, HiSilicon, Ericsson | 24.501 | 1718 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198320 | Handling of SR in a CAG subscription expired cell | Huawei, HiSilicon / Vishnu | 24.501 | 1719 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198738 | Handling of Service request message in a non-subscribed CAG cell | Huawei, HiSilicon / Vishnu | 24.501 | 1719 | 1 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198991 | Handling of Service request message in a non-subscribed CAG cell | Huawei, HiSilicon, Ericsson | 24.501 | 1719 | 2 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198321 | Updation of LIMITED SERVICE state for CAG | Huawei, HiSilicon / Vishnu | 24.501 | 1720 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198741 | Updation of LIMITED SERVICE state for CAG | Huawei, HiSilicon / Vishnu | 24.501 | 1720 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198354 | Handling of 5GMM cause#76 without integrity protected | Samsung R&D Institute India | 24.501 | 1721 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198742 | Handling of 5GMM cause#76 without integrity protected | Samsung R&D Institute India | 24.501 | 1721 | 1 | Rel-16 | F | Vertical\_LAN | postponed |
| C1-198360 | Handling of parameters stored in the ME memory | Samsung R&D Institute India/ Kundan | 24.501 | 1722 | - | Rel-16 | F | TEI16 | revised |
| C1-198943 | Handling of parameters stored in the ME memory | Samsung R&D Institute India/ Kundan | 24.501 | 1722 | 1 | Rel-16 | F | TEI16 | revised |
| C1-199057 | Handling of parameters stored in the ME memory | Samsung R&D Institute India/ Kundan | 24.501 | 1722 | 2 | Rel-16 | F | TEI16 | agreed |
| C1-198363 | Network slice authentication and emergency procedure | Samsung R&D Institute India /Kundan | 24.501 | 1723 | - | Rel-16 | F | eNS | revised |
| C1-198777 | Network slice authentication and emergency procedure | Samsung R&D Institute India /Kundan | 24.501 | 1723 | 1 | Rel-16 | F | eNS | revised |
| C1-198977 | Network slice authentication and emergency procedure | Samsung R&D Institute India /Kundan | 24.501 | 1723 | 2 | Rel-16 | F | eNS | agreed |
| C1-198366 | UE behavior on Network slice authentication failure | Samsung R&D Institute India /Kundan | 24.501 | 1724 | - | Rel-16 | F | eNS | revised |
| C1-198778 | UE behavior on Network slice authentication failure | Samsung R&D Institute India /Kundan | 24.501 | 1724 | 1 | Rel-16 | F | eNS | postponed |
| C1-198374 | UE Location Privacy Setting | CATT | 24.501 | 1725 | - | Rel-16 | B | 5G\_eLCS | revised |
| C1-198719 | UE Location Privacy Setting | CATT | 24.501 | 1725 | 1 | Rel-16 | B | 5G\_eLCS | postponed |
| C1-198375 | Adding new 5QI | vivo | 24.501 | 1726 | - | Rel-16 | F | 5GS\_Ph1-CT | merged |
| C1-198387 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | 24.501 | 1727 | - | Rel-16 | F | IMSProtoc16 | revised |
| C1-198941 | Correction about deleting local and extended emergency number list when UE detects change in country | MediaTek Inc. | 24.501 | 1727 | 1 | Rel-16 | F | IMSProtoc16 | postponed |
| C1-198390 | Excluding 5GSM causes for congestion control from SINE | China Telecom Corporation Ltd,Huawei,Hisilicon | 24.501 | 1728 | - | Rel-16 | F | SINE\_5G | agreed |
| C1-198406 | MA PDU Establishment when VPLMN does not support ATSSS | LG Electronics / SangMin | 24.501 | 1729 | - | Rel-16 | F | ATSSS | postponed |
| C1-198411 | ngKSI for CONTROL PLANE SERVICE REQUEST message | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1730 | - | Rel-16 | B | 5G\_CIoT | revised |
| C1-198582 | ngKSI for CONTROL PLANE SERVICE REQUEST message | Nokia, Nokia Shanghai Bell /Jennifer | 24.501 | 1730 | 1 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198412 | Inclusion of PDU session reactivation result error cause IE | Ericsson /kaj | 24.501 | 1731 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198413 | IMEI and IMEISV formats support | Ericsson /kaj | 24.501 | 1732 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198954 | IMEI and IMEISV formats support | Ericsson | 24.501 | 1732 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198416 | PEI format for non-3GPP access only UE | Ericsson /kaj | 24.501 | 1733 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198966 | PEI format for non-3GPP access only UE | Ericsson | 24.501 | 1733 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198417 | S-NSSAI in rejected NSSAI slice-specific authentication failed or pending lists shall not be requested | Ericsson /kaj | 24.501 | 1734 | - | Rel-16 | C | eNS | postponed |
| C1-198420 | NSSAA pending, prevent UE to wait indefinitely | Ericsson /kaj | 24.501 | 1735 | - | Rel-16 | C | eNS | revised |
| C1-198781 | NSSAA pending, prevent UE to wait indefinitely | Ericsson /kaj | 24.501 | 1735 | 1 | Rel-16 | C | eNS | postponed |
| C1-198421 | NW slice-specific authentication and authorization procedure pending | Ericsson /kaj | 24.501 | 1736 | - | Rel-16 | C | eNS | revised |
| C1-198579 | NW slice-specific authentication and authorization procedure pending | Ericsson, Motorola Mobility, Lenovo, LG Electronics | 24.501 | 1736 | 1 | Rel-16 | C | eNS | withdrawn |
| C1-198423 | Correction to the coding of EPS bearer identity | MediaTek Inc., Huawei, HiSilicon, ZTE, CATT, Intel | 24.501 | 1737 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198915 | Correction to the coding of EPS bearer identity | MediaTek Inc., Huawei, HiSilicon, ZTE, CATT, Intel, Ericsson | 24.501 | 1737 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198427 | Correction of S-NSSAI based congestion control | MediaTek Inc., Huawei, HiSilicon / JJ | 24.501 | 1738 | - | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198431 | Handling of timer expiry for emergency PDU session establishment | MediaTek Inc. / JJ | 24.501 | 1739 | - | Rel-16 | F | 5GProtoc16 | merged |
| C1-198432 | UE handling upon receipt of 5GSM #46 out of LADN service area | MediaTek Inc. / JJ | 24.501 | 1740 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198964 | UE handling upon receipt of 5GSM #46 out of LADN service area | MediaTek Inc. / JJ | 24.501 | 1740 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198433 | non-emergency PDU session handling when UE is registered for emergency services. | MediaTek Inc. / JJ | 24.501 | 1741 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198967 | non-emergency PDU session handling when UE is registered for emergency services. | MediaTek Inc. / JJ | 24.501 | 1741 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198434 | CIoT user data container in UL NAS transport message not routable | Ericsson /kaj | 24.501 | 1742 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198949 | CIoT user data container in UL NAS transport message not routable | Ericsson /kaj | 24.501 | 1742 | 1 | Rel-16 | C | 5G\_CIoT | agreed |
| C1-198435 | CIoT user data container in CPSR message not forwarded | Ericsson /kaj | 24.501 | 1743 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198950 | CIoT user data container in CPSR message not forwarded | Ericsson, InterDigital | 24.501 | 1743 | 1 | Rel-16 | C | 5G\_CIoT | postponed |
| C1-198437 | Service gap control, supporting UE sends MO user data when connected when timer running | Ericsson /kaj | 24.501 | 1744 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198951 | Service gap control, supporting UE sends MO user data when connected when timer running | Ericsson /kaj | 24.501 | 1744 | 1 | Rel-16 | C | 5G\_CIoT | agreed |
| C1-198440 | Handling of maximum number of allowed active DRBs | Ericsson /kaj | 24.501 | 1745 | - | Rel-16 | F | 5G\_CIoT | merged |
| C1-198443 | NW enforcement, max two active user planes over NB-IoT | Ericsson /kaj | 24.501 | 1746 | - | Rel-16 | C | 5G\_CIoT | revised |
| C1-198586 | NW enforcement, max two active user planes over NB-IoT | Ericsson /kaj | 24.501 | 1746 | 1 | Rel-16 | C | 5G\_CIoT | postponed |
| C1-198445 | Correction on description of Access type included in the DEREGISTRATION REQUEST message | SHARP | 24.501 | 1747 | - | Rel-16 | F | 5GProtoc16 | merged |
| C1-198446 | Addition Serving PLMN rate control IE to PDU session modification command | SHARP | 24.501 | 1748 | - | Rel-16 | F | 5G\_CIoT | merged |
| C1-198448 | Correction on the condition for including CP only indication | SHARP | 24.501 | 1749 | - | Rel-16 | F | 5G\_CIoT | revised |
| C1-198952 | Correction on the condition for including CP only indication | SHARP | 24.501 | 1749 | 1 | Rel-16 | F | 5G\_CIoT | revised |
| C1-199017 | Correction on the condition for including CP only indication | SHARP | 24.501 | 1749 | 2 | Rel-16 | F | 5G\_CIoT | agreed |
| C1-198450 | Corrections related to ODAC for SNPN | Intel / Thomas | 24.501 | 1750 | - | Rel-16 | F | Vertical\_LAN | withdrawn |
| C1-198452 | DNN replacement and impacts to 5GSM | Nokia, Nokia Shanghai Bell | 24.501 | 1751 | - | Rel-16 | F | 5GProtoc16 | merged |
| C1-198454 | T3540 in Service Accept Case | Huawei, HiSilicon / Vishnu | 24.501 | 1752 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198458 | Access control for UE triggered V2X policy provisioning procedure | Nokia, Nokia Shanghai Bell | 24.501 | 1753 | - | Rel-16 | C | eV2XARC | revised |
| C1-198635 | Access control for UE triggered V2X policy provisioning procedure | Nokia, Nokia Shanghai Bell, Huawei, HiSilicon | 24.501 | 1753 | 1 | Rel-16 | C | eV2XARC | agreed |
| C1-198462 | Abnormal cases for 5GMM cause values #74 and #75 | Nokia, Nokia Shanghai Bell | 24.501 | 1754 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198731 | Abnormal cases for 5GMM cause values #74 and #75 | Nokia, Nokia Shanghai Bell | 24.501 | 1754 | 1 | Rel-16 | F | Vertical\_LAN | revised |
| C1-199037 | Abnormal cases for 5GMM cause values #74 and #75 | Nokia, Nokia Shanghai Bell, Ericsson | 24.501 | 1754 | 2 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198465 | Rejected NSSAI in SNPNs | Intel / Thomas | 24.501 | 1755 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198736 | Rejected NSSAI in SNPNs | Intel / Thomas | 24.501 | 1755 | 1 | Rel-16 | C | Vertical\_LAN | agreed |
| C1-198466 | Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events | Nokia, Nokia Shanghai Bell | 24.501 | 1756 | - | Rel-16 | C | Vertical\_LAN | revised |
| C1-198725 | Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events | Nokia, Nokia Shanghai Bell | 24.501 | 1756 | 1 | Rel-16 | C | Vertical\_LAN | revised |
| C1-199054 | Introduction of SNPN-specific attempt counter for non-3GPP access and counter for "the entry for the current SNPN considered invalid for non-3GPP access" events | Nokia, Nokia Shanghai Bell | 24.501 | 1756 | 2 | Rel-16 | C | Vertical\_LAN | agreed |
| C1-198470 | MA PDU Request Re-attempt Indicator | Apple | 24.501 | 1757 | - | Rel-16 | F | ATSSS | revised |
| C1-198715 | MA PDU Request Re-attempt Indicator | Apple | 24.501 | 1757 | 1 | Rel-16 | F | ATSSS | postponed |
| C1-198471 | Maintenance of forbidden TA lists for non-integrity protected NAS reject in an SNPN | Nokia, Nokia Shanghai Bell | 24.501 | 1758 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198727 | Maintenance of forbidden TA lists for non-integrity protected NAS reject in an SNPN | Nokia, Nokia Shanghai Bell, Huawei, HiSilicon, Ericsson | 24.501 | 1758 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198479 | Unified access class and registration | Samsung/ Kyungjoo Grace Suh | 24.501 | 1759 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198784 | Handling of UAC for an MO IMS registration related signalling | Samsung/ Kyungjoo Grace Suh | 24.501 | 1759 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198481 | Correction of the definition of Network slicing information | SHARP | 24.501 | 1760 | - | Rel-16 | D | 5GProtoc16 | agreed |
| C1-198484 | Unified access class and service request | Samsung/ Kyungjoo Grace Suh | 24.501 | 1761 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198785 | Unified access class and service request | Samsung/ Kyungjoo Grace Suh | 24.501 | 1761 | 1 | Rel-16 | F | 5GProtoc16 | merged |
| C1-198485 | Adding Port number in TSN Bridge Management | Huawei, HiSilicon/Vishnu | 24.501 | 1762 | - | Rel-16 | F | Vertical\_LAN | merged |
| C1-198489 | Segregation flow | Samsung/ Kyungjoo Grace Suh | 24.501 | 1763 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198958 | Segregation flow | Samsung/ Kyungjoo Grace Suh | 24.501 | 1763 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198490 | Corrections related to configured, allowed and requested NSSAI for SNPNs | Intel / Thomas | 24.501 | 1764 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198732 | Corrections related to configured, allowed and requested NSSAI for SNPNs | Intel / Thomas | 24.501 | 1764 | 1 | Rel-16 | F | Vertical\_LAN | withdrawn |
| C1-198491 | PDU session modification triggered by service request | Samsung/ Kyungjoo Grace Suh | 24.501 | 1765 | - | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198494 | Moving Annex E to TS 24.5xy | Nokia, Nokia Shanghai Bell | 24.501 | 1766 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198754 | Moving Annex E to TS 24.5xy | Nokia, Nokia Shanghai Bell, BlackBerry | 24.501 | 1766 | 1 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198993 | Moving Annex E to TS 24.5xy | Nokia, Nokia Shanghai Bell, BlackBerry | 24.501 | 1766 | 2 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198496 | Follow on request codepoint value | Ericsson / Mikael | 24.501 | 1767 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198969 | Follow on request codepoint value | Ericsson | 24.501 | 1767 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198502 | Establishment of mapped EPS security context at IDLE mode mobility from N1 mode to S1 mode | MediaTek Inc. / Marko | 24.501 | 1768 | - | Rel-16 | F | 5GProtoc16 | withdrawn |
| C1-198507 | UAC and abnormal case handling in registration | Samsung/ Kyungjoo Grace Suh | 24.501 | 1769 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198786 | UAC and abnormal case handling in registration | Samsung/ Kyungjoo Grace Suh | 24.501 | 1769 | 1 | Rel-16 | F | 5GProtoc16 | merged |
| C1-198508 | No CAG access control for emergency services | Nokia, Nokia Shanghai Bell | 24.501 | 1770 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198740 | No CAG access control for emergency services | Nokia, Nokia Shanghai Bell | 24.501 | 1770 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198509 | UAC and abnormal case handling in service request | Samsung/ Kyungjoo Grace Suh | 24.501 | 1771 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198787 | UAC and abnormal case handling in service request | Samsung/ Kyungjoo Grace Suh | 24.501 | 1771 | 1 | Rel-16 | F | 5GProtoc16 | merged |
| C1-198511 | Coding of the CAG-ID | Nokia, Nokia Shanghai Bell | 24.501 | 1772 | - | Rel-16 | F | Vertical\_LAN | revised |
| C1-198745 | Coding of the CAG-ID | Nokia, Nokia Shanghai Bell | 24.501 | 1772 | 1 | Rel-16 | F | Vertical\_LAN | revised |
| C1-199022 | Coding of the CAG-ID | Nokia, Nokia Shanghai Bell | 24.501 | 1772 | 2 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198523 | Timer order in timer tables | Ericsson / Mikael | 24.501 | 1773 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198909 | Timer order in timer tables | Ericsson / Mikael | 24.501 | 1773 | 1 | Rel-16 | D | 5GProtoc16 | agreed |
| C1-198526 | Mobility registration accept with NSSAIs | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | 24.501 | 1774 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198910 | Mobility registration accept with NSSAIs | MediaTek Inc., Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE | 24.501 | 1774 | 1 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198527 | Correction to PLMN change with 5G-EA0 | MediaTek Inc. / Marko | 24.501 | 1775 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198995 | Correction to PLMN change with 5G-EA0 | MediaTek Inc. | 24.501 | 1775 | 1 | Rel-16 | F | 5GProtoc16 | revised |
| C1-199031 | Correction to PLMN change with 5G-EA0 | MediaTek Inc. | 24.501 | 1775 | 2 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198529 | TAI list handling in inter-system change from EPS to 5GS | MediaTek Inc. / Marko | 24.501 | 1776 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198927 | TAI list handling in inter-system change from EPS to 5GS | MediaTek Inc. / Marko | 24.501 | 1776 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198538 | withdrawn | Nokia, Nokia Shanghai Bell | 24.501 | 1777 | - | Rel-16 | F | 5WWC | withdrawn |
| C1-198539 | Editorial on PDU session establisment request upgraded to MA PDU session | Nokia, Nokia Shanghai Bell | 24.501 | 1778 | - | Rel-16 | D | ATSSS | revised |
| C1-198718 | Editorial on PDU session establisment request upgraded to MA PDU session | Nokia, Nokia Shanghai Bell | 24.501 | 1778 | 1 | Rel-16 | D | ATSSS | agreed |
| C1-198545 | eNS-EAP ID acquisition during registration-option1 | China Mobile | 24.501 | 1779 | - | Rel-16 | B | eNS | withdrawn |
| C1-198546 | eNS-EAP ID acquisition during registration-option2 | China Mobile | 24.501 | 1780 | - | Rel-16 | B | eNS | withdrawn |
| C1-198022 | Correct WLAN 3GPP-based access authentication procedure | BlackBerry UK Ltd. | 24.502 | 0061 | 2 | Rel-15 | F | 5GS\_Ph1-CT | rejected |
| C1-198023 | Correct WLAN 3GPP-based access authentication procedure | BlackBerry UK Ltd. | 24.502 | 0098 | 1 | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C1-198701 | Correct WLAN 3GPP-based access authentication procedure | BlackBerry UK Ltd. | 24.502 | 0098 | 2 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198021 | Removal of an editor's note | Motorola Mobility, Lenovo | 24.502 | 0101 | 1 | Rel-16 | F | 5GProtoc16-non3GPP | revised |
| C1-198921 | Removal of an editor's note | Motorola Mobility, Lenovo | 24.502 | 0101 | 2 | Rel-16 | F | 5WWC | revised |
| C1-199039 | Removal of an editor's note | Motorola Mobility, Lenovo | 24.502 | 0101 | 3 | Rel-16 | F | 5WWC | agreed |
| C1-198124 | Apply ANDSP of equivalent PLMN | OPPO, Ericsson, Qualcomm Incorporated | 24.502 | 0103 | 2 | Rel-16 | F | 5GProtoc16-non3GPP | revised |
| C1-198922 | Apply ANDSP of equivalent PLMN | OPPO, Ericsson, Qualcomm Incorporated | 24.502 | 0103 | 3 | Rel-16 | F | 5GProtoc16-non3GPP | agreed |
| C1-198295 | Addition of NID to AN parameters | Qualcomm Incorporated / Lena | 24.502 | 0104 | 2 | Rel-16 | F | Vertical\_LAN | revised |
| C1-198721 | Addition of NID to AN parameters | Qualcomm Incorporated / Lena | 24.502 | 0104 | 3 | Rel-16 | F | Vertical\_LAN | agreed |
| C1-198119 | WLAN and PLMN selection procedures for a N5CW device | Motorola Mobility, Lenovo, BlackBerry UK Ltd. | 24.502 | 0106 | - | Rel-16 | B | 5WWC | revised |
| C1-198762 | WLAN and PLMN selection procedures for a N5CW device | Motorola mobility, Lenovo, BlackBerry UK Ltd. | 24.502 | 0106 | 1 | Rel-16 | B | 5WWC | agreed |
| C1-198156 | Scope correction | Ericsson, CableLabs, Charter Communications / Ivo | 24.502 | 0107 | - | Rel-16 | F | 5WWC | agreed |
| C1-198157 | PLMN selection for wireline access | Ericsson, CableLabs, Charter Communications / Ivo | 24.502 | 0108 | - | Rel-16 | B | 5WWC | revised |
| C1-198764 | PLMN selection for wireline access | Ericsson, CableLabs, Charter Communications, Huawei, HiSilicon | 24.502 | 0108 | 1 | Rel-16 | B | 5WWC | agreed |
| C1-198158 | QoS handling for wireline access | Ericsson, CableLabs, Charter Communications / Ivo | 24.502 | 0109 | - | Rel-16 | B | 5WWC | agreed |
| C1-198159 | EAP-5G handling and transport of NAS messages for wireline access | Ericsson / Ivo | 24.502 | 0110 | - | Rel-16 | B | 5WWC | postponed |
| C1-198134 | Clarification for URSP evaluation | OPPO / Rae | 24.526 | 0059 | 2 | Rel-16 | F | 5GProtoc16 | revised |
| C1-198903 | Clarification for URSP evaluation | OPPO | 24.526 | 0059 | 3 | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198128 | Correct reference of access type | OPPO / Rae | 24.526 | 0063 | - | Rel-16 | F | ATSSS | agreed |
| C1-198130 | Correction on UE matching the existing PDU sessions | OPPO / Rae | 24.526 | 0064 | - | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198153 | 5G-RG and W-AGF acting on behalf of FN-RG usage of URSP | Ericsson, CableLabs / Ivo | 24.526 | 0065 | - | Rel-16 | B | 5WWC | revised |
| C1-198763 | 5G-RG and W-AGF acting on behalf of FN-RG usage of URSP | Ericsson, CableLabs / Ivo | 24.526 | 0065 | 1 | Rel-16 | B | 5WWC | agreed |
| C1-198291 | Correction to S-NSSAI RSD component encoding | Qualcomm Incorporated / Lena | 24.526 | 0066 | - | Rel-16 | F | 5GProtoc16 | agreed |
| C1-198373 | Pre-configured URSP rules in USIM | LG Electronics, Verizon, THALES, T-Mobile USA, Sprint, SK Telecom, LG Uplus, IDEMIA, AT&T | 24.526 | 0067 | - | Rel-16 | F | 5GS\_Ph1-CT, 5GProtoc16 | revised |
| C1-198788 | Pre-configured URSP rules in USIM | LG Electronics, Verizon, THALES, T-Mobile USA, Sprint, SK Telecom, LG Uplus, IDEMIA, AT&T, Bell Canada, MediaTek Inc., Charter Communications, Nokia, Nokia Shanghai Bell, Intel, Ericsson | 24.526 | 0067 | 1 | Rel-16 | F | 5GS\_Ph1-CT, 5GProtoc16 | agreed |
| C1-198430 | correction to the URSP coding | MediaTek Inc., ZTE | 24.526 | 0068 | - | Rel-16 | F | 5GProtoc16 | revised |
| C1-198970 | correction to the URSP coding | MediaTek Inc., ZTE | 24.526 | 0068 | 1 | Rel-16 | F | 5GProtoc16 | postponed |
| C1-198414 | Adding clause for media plane procedures for pre-established session for MCData | Samsung Electronics, Motorola Solutions | 24.582 | 0010 | 1 | Rel-16 | B | eMCData2 | revised |
| C1-198651 | Adding clause for media plane procedures for pre-established session for MCData | Samsung Electronics, Motorola Solutions | 24.582 | 0010 | 2 | Rel-16 | B | eMCData2 | revised |
| C1-198802 | Adding clause for media plane procedures for pre-established session for MCData | Samsung Electronics, Motorola Solutions | 24.582 | 0010 | 3 | Rel-16 | B | eMCData2 | agreed |
| C1-198202 | Adding interactions with "Multi-Device" and "Multi-Identity" services | Ericsson /Jörgen | 24.608 | 0030 | - | Rel-16 | B | MuD | agreed |
| C1-198339 | AT Command for CSG Feature Support | Samsung R&D Institute India | 27.007 | 0663 | 8 | Rel-16 | B | SAES16 | revised |
| C1-199040 | AT Command for CSG Feature Support | Samsung R&D Institute India | 27.007 | 0663 | 9 | Rel-16 | B | SAES16 | agreed |
| C1-198342 | AT Command for CSG support indication | Samsung R&D Institute India | 27.007 | 0664 | 8 | Rel-16 | B | SAES16 | revised |
| C1-199041 | AT Command for CSG support indication | Samsung R&D Institute India | 27.007 | 0664 | 9 | Rel-16 | B | SAES16 | agreed |
| C1-198083 | AT Command for 5G-SRVCC | ZTE, China Unicom | 27.007 | 0680 | - | Rel-16 | B | 5G\_SRVCC | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| C1-198016 | C4-194332 | LS on NID structure and length (C4-194332) | CT4 | noted | (none) |
| C1-198017 | C6-190351 | Reply to LS on 5GS Enhanced support of OTA mechanism for UICC configuration parameter update (C6-190351) | CT6 | noted | (none) |
| C1-198018 | RP-192338 | LS on Rel-16 NB-IoT enhancements (RP-192338) | TSG RAN | noted | (none) |
| C1-198056 | S2-1910186 | Reply LS on Tracking Area Update for RLOS (S2-1910186) | SA2 | noted | (none) |
| C1-198057 | S2-1910344 | LS reply on network slice-specific authentication and authorization (S2-1910344) | SA2 | noted | (none) |
| C1-198058 | S2-1910549 | Reply LS on assistance indication for WUS (S2-1910549) | SA2 | noted | (none) |
| C1-198059 | S2-1910582 | LS on precedence of pre-configured in UE URSP rules (S2-1910582) | SA2 | noted | (none) |
| C1-198060 | S2-1910643 | Reply LS on support for flow based QoS for NB-IoT connected to 5GC (S2-1910643) | SA2 | noted | (none) |
| C1-198061 | S2-1910679 | LS Response Reply LS on support of non-3GPP only UE and support for PEI in IMEI format (S2-1910679) | SA2 | noted | (none) |
| C1-198062 | S2-1910724 | LS Response on Security Aspects of AMF Re-allocation Procedure (S2-1910724) | SA2 | noted | (none) |
| C1-198063 | S2-1910776 | Reply LS to CT1 on set of overlapping provisioning parameters (S2-1910776) | SA2 | replied to | C1-198822 |
| C1-198064 | S2-1910786 | LS on dependencies on AS design for mobility management aspects of NTN in 5GS (S2-1910786) | SA2 | noted | (none) |
| C1-198065 | S2-1910787 | LS on system level design assumptions for satellite in 5GS (S2-1910787) | SA2 | noted | (none) |
| C1-198066 | S2-1910789 | Reply LS on RRC Connection Reestablishment for CP for NB-IoT connected to 5GC (S2-1910789) | SA2 | noted | (none) |
| C1-198067 | S2-1910805 | Reply LS on Small Data Rate Control and APN Rate Control (S2-1910805) | SA2 | noted | (none) |
| C1-198068 | S2-1910806 | Reply LS to BBF on Line ID uniqueness (S2-1910806) | SA2 | noted | (none) |
| C1-198069 | S2-1910809 | LS on RACS (S2-1910809) | SA2 | noted | (none) |
| C1-198070 | S3-193682 | Reply LS to LS on 5GS Enhanced support of OTA mechanism for UICC configuration parameter update (S3-193682) | SA3 | noted | (none) |
| C1-198071 | S4-191234 | Reply on QoE Measurement Collection (S4-191234) | SA4 | noted | (none) |
| C1-198072 | S4-191277 | LS on QoS mapping procedure (S4-191277) | SA4 | noted | (none) |
| C1-198438 | S2-1910784 | Reply LS on NID structure and length (S2-1910784) | SA2 | noted | (none) |
| C1-198439 | S3-193715 | LS reply on LS on short MAC-I and ngKSI for 5G-CIoT (S3-193715) | SA3 | noted | (none) |
| C1-198441 | S3-193802 | LS on PC5S and PC5 RRC unicast message protection (S3-193802) | SA3 | postponed | (none) |
| C1-198442 | S3-193838 | Reply LS on GUTI allocation for 5G CIoT (S3-193838) | SA3 | replied to | C1-199005 |
| C1-198559 |  | LS on Testing and Certification of 3GPP Mission Critical features  A GCF-TCCA Joint Approach to Develop and Manage MC Certification | TCCA | postponed | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| C1-198560 | Forwarding of Reply LS on GUTI allocation for 5G CIoT | SA2 | RAN2, RAN3, CT4, SA3 |  |
| C1-198593 | LS on support of Control Plane CIoT 5GS Optimisation | SA2 | - |  |
| C1-198613 | LS on Unicast resource management with SIP core | SA6 | - |  |
| C1-198623 | LS on Enquiries for supporting vertical applications | SA6 | - | - |
| C1-198748 | LS on gPTP message delivery to DS-TT | SA2 | - |  |
| C1-198822 | LS on "set of configuration parameters" in the precedence of the V2X configuration parameters | SA2 | - | - |
| C1-198975 | LS on congestion during RLOS access | SA2 | - |  |
| C1-199003 | LS on native 5G NAS security context activation | SA3 | - |  |
| C1-199005 | LS on GUTI allocation for MT-EDT in 5G CIoT | SA2, RAN2, RAN3 | SA3, CT4 | - |
| C1-199007 | LS on enhanced access control for IMS signalling | SA1 | RAN2 | - |
| C1-199008 | Reply LS on assistance indication for WUS | SA2, RAN2, RAN3 | - | - |
| C1-199034 | LS on Extended NAS timers for Coverage Enhancement in 5GS | RAN2 | RAN3, SA2 | - |
| C1-199046 | LS on Dual-registration requirements for EHPLMNs | SA2 | SA1 | - |
| C1-199047 | LS on Manual CAG Selection | SA1, CT | SA2 | - |
| C1-199062 | LS on S-NSSAIs subject to authorization and authentication | SA2 | - |  |
| C1-199063 | LS on configured NSSAI handling | SA2 | - | - |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| C1-198565 | Enhancements for Mission Critical Push-to-Talk CT aspects (enh2MCPTT-CT) | FirstNet / Mike | WID new |
| C1-199059 | New WID on Video enhancement of IMS CRS/CAT/announcement services | Huawei, HiSilicon, China Mobile, China Unicom, vivo, China Telecom | WID new |
| C1-198562 | Revised WID on CT aspects on wireless and wireline convergence for the 5G system architecture | Huawei, HiSilicon /Christian | WID revised |
| C1-198564 | Revision of eMCData2 WID | AT&T | WID revised |
| C1-199004 | 5G CIoT WID Update for CT1 | QUALCOMM Europe Inc. - Italy | WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| C1-198184 | 24.547 | 0.1.0 | Latest reference version of draft TS 24.547 |
| C1-198323 | 24.545 | 0.1.0 | Latest reference version of draft TS 24.545 |
| C1-198324 | 24.548 | 0.1.0 | Latest reference version of draft TS 24.548 |
| C1-198337 | 24.486 | 0.2.0 | Latest reference version of draft TS 24.486 |
| C1-198345 | 24.587 | 0.3.0 | Latest reference version of draft TS 24.587 |
| C1-198393 | 24.544 | 0.1.0 | Latest reference version of draft TS 24.544 |
| C1-198394 | 24.546 | 0.1.0 | Latest reference version of draft TS 24.546 |
| C1-198463 | 24.588 | 0.3.0 | Latest reference version of draft TS 24.588 |
| C1-198630 | 24.587 | 0.3.0 | Latest reference version of draft TS 24.587 |

## Annex F: List of action items

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details | Responsible | Due by |

## Annex G: List of decisions

|  |  |  |  |
| --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details |

## Annex H: List of participants

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TITLE | Family Name | Given Name | Role | Employer Organization | Employer Category Code | Employer Status Code | Organization Represented | Organization Represented Category Code |
| Mr. | Aghili | Behrouz | Delegate | InterDigital Communications | ATIS | 3GPPMEMBER | InterDigital France R&D, SAS | ETSI |
| Ms. | Al-Bakri | Ban | Delegate | MeadowCom | |  | DOCOMO Communications Lab. | ETSI |
| Mr. | Arreaga | Arturo | Delegate | Rogers Communications Canada | ETSI | 3GPPMEMBER | Rogers Communications Canada | ETSI |
| Mr. | Askerup | Anders | Delegate | Hewlett-Packard Enterprise | ETSI | 3GPPMEMBER | Hewlett-Packard Enterprise | ETSI |
| Mr. | Atarius | Roozbeh | Delegate | Motorola Mobility UK Ltd. | ETSI | 3GPPMEMBER | Motorola Mobility Germany GmbH | ETSI |
| Dr. | Axell | Jörgen | Vice Chairman | Ericsson LM | ETSI | 3GPPMEMBER | Ericsson LM | ETSI |
| Mr. | Bakker | John-Luc | Delegate | BlackBerry UK Limited | ETSI | 3GPPMEMBER | BlackBerry UK Limited | ETSI |
| Ing. | Beicht | Peter | Delegate | Kapsch CarrierCom France S.A.S | ETSI | 3GPPMEMBER | Kapsch CarrierCom France S.A.S | ETSI |
| Mrs. | Biondic | Nevenka | Delegate | Ericsson LM | ETSI | 3GPPMEMBER | L.M. Ericsson Limited | ETSI |
| Mr. | Brinkmann | Horst | Delegate | Nokia Germany | ETSI | 3GPPMEMBER | Nokia Poland | ETSI |
| Ing. | Broszeit | Marco | Delegate | Vodafone GmbH | ETSI | 3GPPMEMBER | VODAFONE Group Plc | ETSI |
| Mr. | Buckley | Adrian | Delegate | vivo Mobile Communication Co., | CCSA | 3GPPMEMBER | vivo Mobile Communication (S) | CCSA |
| Mr. | Burdinat | Christophe | Delegate | ENENSYS | ETSI | 3GPPMEMBER | ENENSYS | ETSI |
| Mrs. | Chaponniere | Lena | Vice Chairman | Qualcomm CDMA Technologies | ETSI | 3GPPMEMBER | Qualcomm Incorporated | ATIS |
| Mr. | Chitturi | Suresh | Delegate | Samsung Electronics Co., Ltd | TTA | 3GPPMEMBER | Samsung Electronics Iberia SA | ETSI |
| Mr. | Dawes | Peter | Delegate | VODAFONE Group Plc | ETSI | 3GPPMEMBER | Vodafone España SA | ETSI |
| Dr. | Dolan | Michael | Delegate | FirstNet | ATIS | 3GPPMEMBER | FirstNet | ATIS |
| Mrs. | Du | Xiaoning | Delegate | China Mobile Research Inst. | | | China Mobile Group Device Co. | CCSA |
| Miss | eitoku | haruka | Delegate | NTT corporation | ETSI | 3GPPMEMBER | NTT corporation | ETSI |
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| Mr. | Firmin | Frederic | Secretary | ETSI | ETSI | 3GPPORG\_REP | ETSI | ETSI |
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| Mr. | Gupta | Varini | Delegate | Samsung R&D Institute India | TSDSI | 3GPPMEMBER | SAMSUNG R&D INSTITUTE JAPAN | ARIB |
| Mr. | Gupta | Vivek | Delegate | Intel Corporation (UK) Ltd | ETSI | 3GPPMEMBER | Intel Russia A/O | ETSI |
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| Mr. | Hikosaka | Maoki | Delegate | NTT DOCOMO INC. | ARIB | 3GPPMEMBER | NTT DOCOMO INC. | TTC |
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| Mr. | Huang | Zhenning | Delegate | China Mobile Com. Corporation | CCSA | 3GPPMEMBER | China Mobile (Suzhou) Software | CCSA |
| Dr. | Huang-fu | J.j. | Delegate | MediaTek Inc. | ETSI | 3GPPMEMBER | MediaTek (Chengdu) Inc. | CCSA |
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| Mr. | Ishikawa | Hiroshi | Delegate | NTT DOCOMO INC. | ARIB | 3GPPMEMBER | NTT DOCOMO INC. | ARIB |
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| Mr. | Kruse | Heiko | Delegate | IDEMIA | ETSI | 3GPPMEMBER | IDEMIA | ETSI |
| Mr. | Landais | Bruno | Delegate | Nokia France | ETSI | 3GPPMEMBER | Nokia France | ETSI |
| Mr. | Lauster | Reinhard | Delegate | Deutsche Telekom AG | ETSI | 3GPPMEMBER | Deutsche Telekom AG | ETSI |
| Mr. | Lavasani | Shahab | Delegate | Huawei Tech.(UK) Co., Ltd | ETSI | 3GPPMEMBER | Huawei Technologies Sweden AB | ETSI |
| Mr. | Lazara | Dominic | Delegate | Motorola Solutions UK Ltd. | ETSI | 3GPPMEMBER | Motorola Solutions Germany | ETSI |
| Mr. | Lee | Jay | Delegate | Verizon UK Ltd | ETSI | 3GPPMEMBER | Verizon UK Ltd | ETSI |
| Mr. | Lee | Jicheol | Delegate | Samsung Electronics Co., Ltd | TTA | 3GPPMEMBER | Harman GmbH | ETSI |
| Mr. | Leis | Peter | Chairman | Nokia Germany | ETSI | 3GPPMEMBER | Nokia Germany | ETSI |
| Mr. | Levine | Anatoli | Delegate | Softil Ltd | ETSI | 3GPPMEMBER | Softil Ltd | ETSI |
| Ms. | Liu | Jennifer | Delegate | Nokia | ATIS | 3GPPMEMBER | Nokia Shanghai Bell | CCSA |
| Mrs. | Liu | Qingfen | Delegate | HUAWEI TECHNOLOGIES Co. Ltd. | ETSI | 3GPPMEMBER | HiSilicon Technologies Co. Ltd | CCSA |
| Dr. | Lotfallah | Osama | Delegate | Qualcomm Technologies Int | ETSI | 3GPPMEMBER | Qualcomm Tech. Netherlands B.V | ETSI |
| Mr. | Lu | Fei | Delegate | ZTE Corporation | ETSI | 3GPPMEMBER | Sanechips | CCSA |
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| Mr. | Luetzenkirchen | Thomas | Delegate | Intel Deutschland GmbH | ETSI | 3GPPMEMBER | Intel Ireland | ETSI |
| Mr. | Lukacs | Don | Delegate | Perspecta Labs Inc. | ATIS | 3GPPMEMBER | Perspecta Labs Inc. | ATIS |
| Mr. | Mangion | Mathieu | Delegate | ETSI | ETSI | 3GPPORG\_REP | ETSI | ETSI |
| Mr. | Mayalil | Stanley | Delegate | Apple GmbH | ETSI | 3GPPMEMBER | Apple GmbH | ETSI |
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| Mr. | Mellies | Renaud | Delegate | Orange | ETSI | 3GPPMEMBER | Orange Spain | ETSI |
| Mr. | Merrick | Robert | Delegate | HOME OFFICE | ETSI | 3GPPMEMBER | HOME OFFICE | ETSI |
| Ms. | Mladin | Catalina | Delegate | Convida Wireless | ETSI | 3GPPMEMBER | Convida Wireless | ETSI |
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| Mr. | Oprescu | Val | Delegate | AT&T | ATIS | 3GPPMEMBER | AT&T | ATIS |
| Mr. | Pandey | Anil | Delegate | ROHDE & SCHWARZ | ETSI | 3GPPMEMBER | ROHDE & SCHWARZ | ETSI |
| Mr. | Park | Sang Min | Delegate | LG Electronics France | ETSI | 3GPPMEMBER | LG Electronics Deutschland | ETSI |
| Mr. | Pattan | Basavaraj (Basu) | Delegate | Samsung R&D Institute UK | ETSI | 3GPPMEMBER | Samsung Electronics Nordic AB | ETSI |
| Mr. | Phan | Ly-Thanh | Delegate | THALES | ETSI | 3GPPMEMBER | THALES | ETSI |
| Mr. | Piroard | Francois | Delegate | Airbus | ETSI | 3GPPMEMBER | Airbus | ETSI |
| Mr. | Praturi | Upendra | Delegate | Qualcomm India Pvt Ltd | TSDSI | 3GPPMEMBER | Qualcomm India Pvt Ltd | TSDSI |
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| Mr. | Sanders | Peter | Delegate | one2many B.V. | ETSI | 3GPPMEMBER | one2many B.V. | ETSI |
| Mr. | Sedlacek | Ivo | Delegate | Ericsson LM | ETSI | 3GPPMEMBER | Ericsson Limited | ETSI |
| Mr. | Shah | Sapan | Delegate | Samsung R&D Institute India | TSDSI | 3GPPMEMBER | Samsung Electronics Benelux BV | ETSI |
| Mr. | Shu | Lin | Delegate | HuaWei Technologies Co., Ltd | CCSA | 3GPPMEMBER | Huawei Device Co., Ltd | CCSA |
| Mr. | Skrocki | Mariusz | Delegate | Orange | ETSI | 3GPPMEMBER | Orange Spain | ETSI |
| Mr. | Soloway | Alan | Delegate | Qualcomm Technologies Int | ETSI | 3GPPMEMBER | QUALCOMM JAPAN LLC. | ARIB |
| Mr. | Song | Yue | Delegate | China Mobile Com. Corporation | CCSA | 3GPPMEMBER | China Mobile E-Commerce Co. | CCSA |
| Mr. | srivastava | Vimal | Delegate | Cisco Systems | ATIS | 3GPPMEMBER | Cisco Systems France | ETSI |
| Ms. | Suh | Kyungjoo Grace | Delegate | Samsung R&D Institute UK | ETSI | 3GPPMEMBER | Samsung R&D Institute UK | ETSI |
| Mr. | Takakura | Tsuyoshi | Delegate | NEC Europe Ltd | ETSI | 3GPPMEMBER | NEC Corporation | TTC |
| Mr. | Tamura | Toshiyuki | Delegate | NEC Europe Ltd | ETSI | 3GPPMEMBER | NEC Corporation | ARIB |
| Mr. | Tangudu | Narendranath Durga | Delegate | Samsung R&D Institute India | TSDSI | 3GPPMEMBER | Samsung Electronics France SA | ETSI |
| Mr. | Tiwari | Kundan | Delegate | Samsung R&D Institute India | TSDSI | 3GPPMEMBER | Samsung R&D Institute India | TSDSI |
| Mr. | Toobe | Jens | Delegate | BDBOS | ETSI | 3GPPMEMBER | BDBOS | ETSI |
| Mr. | Venkataraman | Vijay | Delegate | Apple Portugal | ETSI | 3GPPMEMBER | Apple Portugal | ETSI |
| Mr. | Virk | Amandeep | Delegate | Qualcomm CDMA Technologies | ETSI | 3GPPMEMBER | Qualcomm Austria RFFE GmbH | ETSI |
| Mr. | Wallace | Robert | Delegate | Oracle Corporation | ETSI | 3GPPMEMBER | Oracle Corporation | ETSI |
| Mr. | Wass | Mikael | Delegate | Ericsson LM | ETSI | 3GPPMEMBER | Ericsson India Private Limited | TSDSI |
| Mr. | Watfa | Mahmoud | Delegate | Qualcomm Incorporated | ATIS | 3GPPMEMBER | QUALCOMM Europe Inc. - Italy | ETSI |
| Mr. | Wiehe | Ulrich | Delegate | Nokia Shanghai Bell | CCSA | 3GPPMEMBER | Nokia Germany | ETSI |
| Mr. | Wild | Peter A. | Delegate | Vodafone GmbH | ETSI | 3GPPMEMBER | Vodafone GmbH | ETSI |
| Dr. | Won | Sung Hwan | Delegate | Nokia Korea | TTA | 3GPPMEMBER | Nokia Korea | TTA |
| Mr. | Woodward | Tim | Delegate | Motorola Solutions Danmark A/S | ETSI | 3GPPMEMBER | Motorola Solutions UK Ltd. | ETSI |
| Mr. | Yamakita | Takayuki | Delegate | Oki Electric Industry Co. Ltd. | TTC | 3GPPMEMBER | Oki Electric Industry Co. Ltd. | TTC |
| Miss | Yan | Xiaojian | Delegate | ZTE Corporation | ETSI | 3GPPMEMBER | ZXNE | CCSA |
| Miss | Yang | Haorui | Delegate | Beijing OPPO Com. corp., ltd | CCSA | 3GPPMEMBER | Chengdu OPPO Mobile Com. corp. | CCSA |
| Mr. | Yang | Yong | Delegate | Ericsson LM | ETSI | 3GPPMEMBER | Ericsson España S.A. | ETSI |
| Mr. | Yong | Jiang | Delegate | CATT | ETSI | 3GPPMEMBER | CATT | ETSI |
| Miss | Zhang | Ling | Delegate | CATT | ETSI | 3GPPMEMBER | Datang Mobile Com. Equipment | CCSA |
| Mr. | Zhou | Xiaoyun | Delegate | HuaWei Technologies Co., Ltd | CCSA | 3GPPMEMBER | HuaWei Technologies Co., Ltd | CCSA |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Title | Start date | End date (OP) | Town | Country | Reference |
| -Antitrust Compliance Training | 2019-11-26 | 2019-11-26 | Online |  | C1-ah-36899 |
| CT1#122 | 2020-02-24 | 2020-02-28 | Sophia Antipolis | FR | C1-122 |
| CT1#123 | 2020-04-20 | 2020-04-24 | Dubrovnik | HR | C1-123 |
| CT1#124 | 2020-05-25 | 2020-05-29 | China | CN | C1-124 |
| CT1-Potential Ad-Hoc | 2020-07-13 | 2020-07-17 | TBD |  | C1-ah-36270 |
| CT1#125 | 2020-08-24 | 2020-08-28 | US | US | C1-125 |
| CT1#126 | 2020-10-12 | 2020-10-16 | India | IN | C1-126 |
| CT1#127 | 2020-11-16 | 2020-11-20 | US | US | C1-127 |

Annexes to report prepared by: FF