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

**Meeting Report  
for  
TSG CT WG3  
meeting: 115e**

**e-meeting, 2021-04-14 to 2021-04-23**

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## 1 Opening of the meeting

## 2 Agenda/Schedule

**C3-212017 CT3#115e guidance**

*Type: other For: Information  
 Source: CT3 chairman*

**Discussion:**

CT3 agrees to use tdoc number as file name for submitted contributions and revisions.

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

### 2.1 Approval of the agenda

**C3-212000 Draft Agenda for the CT3#115 e-Meeting**

*Type: agenda For: Information  
 Source: CT3 chairman*

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

### 2.2 Proposed Schedule

**C3-212001 INFO Proposed Schedule for CT3#115e**

*Type: other For: Information  
 Source: CT3 chairman*

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

## 3 Registration of documents

**C3-212002 Allocation of documents to agenda items (at Deadline)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212003 Allocation of documents to agenda items (Start of Day 1)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212004 Allocation of documents to agenda items (Start of Day 2)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212005 Allocation of documents to agenda items (Start of Day 3)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212006 Allocation of documents to agenda items (Start of Day 4)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212007 Allocation of documents to agenda items (Start of Day 5)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212008 Allocation of documents to agenda items (Start of Day 6)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212009 Allocation of documents to agenda items (Start of Day 7)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212010 Allocation of documents to agenda items (Start of Day 8)**

*Type: other For: Information  
 Source: CT3 chairman*

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

**C3-212011 Allocation of documents to agenda items (End of Day 8)**

*Type: other For: Information  
 Source: CT3 chairman*

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

## 4 Reports

### 4.1 Report from previous CT3 meeting

**C3-212014 Minutes of CT3#114e**

*Type: report For: Approval  
 Source: MCC*

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

### 4.2 Report from previous CT plenary

**C3-212013 Summary of CT#91e related to CT3**

*Type: report For: Approval  
 Source: CT3 chairman*

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

### 4.3 Reports from other groups

## 5 Items for immediate consideration

### 5.1 IPR disclosures

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.

### 5.2 Antitrust declarations

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.

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

### 5.4 Other items for immediate consideration

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.

## 6 Received Liaison Statements

**C3-212039 LS on the support of L2TP with CUPS**

*Type: LS in For: Discussion  
 Original outgoing LS: C4-211624, to SA2, CT3, cc SA3  
 Source: CT4*

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

**C3-212040 LS on Information on the port number allocation solutions**

*Type: LS in For: Discussion  
 Original outgoing LS: C4-211806, to RAN2, RAN3, SA4, CT3, SA5, cc SA, CT, RAN, SA2  
 Source: CT4*

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

**C3-212041 LS on PAP/CHAP and other point-to-point protocols usage in 5GS**

*Type: LS in For: Discussion  
 Original outgoing LS: S2-2101309, to SA3, cc CT1, CT3, CT4  
 Source: SA2*

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

**C3-212042 Reply LS on Network Configuration Parameters Consistent Handling in UDM**

*Type: LS in For: Discussion  
 Original outgoing LS: S2-2101576, to CT4, cc CT3  
 Source: SA2*

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

**C3-212043 LS Response on the input parameters of the LCS subscription request from an AF via NEF**

*Type: LS in For: Discussion  
 Original outgoing LS: S2-2101595, to CT3, cc CT4  
 Source: SA2*

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

**C3-212044 Reply LS on UTRAN UE capabilities from CN to gNB**

*Type: LS in For: Discussion  
 Original outgoing LS: S2-2101596, to RAN2, cc CT3  
 Source: SA2*

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

**C3-212045 LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS in For: Discussion  
 Original outgoing LS: S4-210311, to SA2, CT3, cc -  
 Source: SA4*

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

**C3-212046 LS on OpenAPI guidelines**

*Type: LS in For: Discussion  
 Original outgoing LS: S5-212312, to CT, SA, cc CT3, CT4  
 Source: SA5*

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

**C3-212047 Reply LS on clarification regarding EEC ID**

*Type: LS in For: Discussion  
 Original outgoing LS: S6-210707, to SA3, cc CT1, CT3  
 Source: SA6*

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

**C3-212351 5G capabilities exposure for factories of the future**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to 3GPP TSG SA WG1, 3GPP TSG SA WG2, 3GPP TSG SA WG3, 3GPP TSG SA WG6, cc 3GPP TSG SA, 3GPP SA WG5, 3GPP CT WG3, ETG, IEC TC 65, IEEE 802.1, oneM2M TP, OPC Foundation, PI (PROFIBUS & PROFINET International), TM Forum  
 Source: 5G-ACIA*

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

**C3-212365 Support of UAVs authentication/authorization in 3GPP systems and interfacing with USS/UTM**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to 3GPP SA WG2, 3GPP SA WG3, 3GPP SA WG6, cc 3GPP CT WG1, 3GPP CT WG3, 3GPP CT WG4  
 Source: GSMA ACJA*

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

**C3-212405 LS to 3GPP SA2 on ARP PL**

*Type: LS in For: discussion  
 Original outgoing LS: -, to 3GPP SA2, cc 3GPP CT3  
 Source: GSMA NG NRG*

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

**C3-212523 LS on App ID Usage in NEF Related Service API in Rel 17**

*Type: LS in For: discussion  
 Original outgoing LS: S4-210681, to SA2, cc CT3  
 Source: SA4*

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

**C3-212524 LS Reply on NSI ID on N7 interface**

*Type: LS in For: discussion  
 Original outgoing LS: S2-2103217, to CT3, cc CT4  
 Source: SA2*

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

**C3-212525 LS response on Support of AF instance change**

*Type: LS in For: discussion  
 Original outgoing LS: S2-2103220, to CT3, cc -  
 Source: SA2*

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

**C3-212526 Reply LS on QoS monitoring control for Service Data Flows**

*Type: LS in For: discussion  
 Original outgoing LS: S2-2103224, to CT3, cc CT4  
 Source: SA2*

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

**C3-212527 LS Reply on Server Domain Name Usage for Application Traffic Detection**

*Type: LS in For: discussion  
 Original outgoing LS: S2-2103228, to SA4, cc CT3  
 Source: SA2*

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

**C3-212528 Reply LS on the support of L2TP with CUPS**

*Type: LS in For: discussion  
 Original outgoing LS: S2-2103232, to CT4, CT3, SA3, cc -  
 Source: SA2*

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

**C3-212529 LS Response on the input parameters of the LCS subscription request from an AF via NEF**

*Type: LS in For: discussion  
 Original outgoing LS: S2-2103235, to CT3, cc CT4  
 Source: SA2*

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

### 8.1 Release 8 IMS/CS Work Items

### 8.2 Release 8 Packet Core Work Items

### 9.1 Release 9 IMS/CS Work Items

### 9.2 Release 9 Packet Core Work Items

### 10.1 Release 10 IMS/CS Work Items

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### 13.1 Release 13 IMS/CS Work Items

### 13.2 Release 13 Packet Core Work Items

### 14.1 Release 14 IMS/CS Work Items

### 14.2 Release 14 Packet Core Work Items

### 15.1 Study on Policy and Charging for Volume Based Charging [FS\_PC\_VBC]

### 15.2 CT aspects on 5G System - Phase 1 [5GS\_Ph1-CT]

#### 15.2.1 Technical Report (TR 29.890)

#### 15.2.2 Access and Mobility Policy Control Services (TS 29.507)

#### 15.2.3 Session Management Event Exposure Service (TS 29.508)

#### 15.2.4 Session Management Policy Control Services (TS 29.512)

**C3-212152 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v15.10.0 CR-0753 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212543**.

**C3-212543 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v15.10.0 CR-0753 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-212152)

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

**C3-212153 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0754 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212544**.

**C3-212544 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0754 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212153)

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

**C3-212154 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0755 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212545**.

**C3-212545 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0755 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212154)

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

#### 15.2.5 Policy Authorization Services (TS 29.514)

**C3-212240 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v15.9.0 CR-0300 Cat: F (Rel-15)  
  
 Source: ZTE*

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

**C3-212241 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0301 Cat: A (Rel-16)  
  
 Source: ZTE*

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

**C3-212242 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0302 Cat: A (Rel-17)  
  
 Source: ZTE*

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

#### 15.2.6 Policy and Charging Control signalling flows and QoS parameter mapping (TS 29.513)

#### 15.2.7 Network Data Analytics Services (TS 29.520)

**C3-212234 correction of attribute snssais in OpenAPI**

*Type: CR For: Agreement  
 29.520 v15.8.0 CR-0273 Cat: F (Rel-15)  
  
 Source: ZTE*

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

**C3-212235 correction of attribute snssais in OpenAPI**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0274 Cat: A (Rel-16)  
  
 Source: ZTE*

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

**C3-212236 correction of attribute snssais in OpenAPI**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0275 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212237 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.520 v15.8.0 CR-0276 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212546**.

**C3-212546 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.520 v15.8.0 CR-0276 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE*

(Replaces C3-212237)

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

**C3-212238 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0277 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212547**.

**C3-212547 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0277 rev 1 Cat: A (Rel-16)  
  
 Source: ZTE*

(Replaces C3-212238)

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

**C3-212239 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0278 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212548**.

**C3-212548 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0278 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212239)

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

**C3-212281 Correction to Load Level Information**

*Type: CR For: Agreement  
 29.520 v15.8.0 CR-0283 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212549**.

**C3-212549 Correction to Load Level Information**

*Type: CR For: Agreement  
 29.520 v15.8.0 CR-0283 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces C3-212281)

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

**C3-212282 Correction to Load Level Information**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0284 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212550**.

**C3-212550 Correction to Load Level Information**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0284 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212282)

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

**C3-212283 Correction to Load Level Information**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0285 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212551**.

**C3-212551 Correction to Load Level Information**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0285 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212283)

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

#### 15.2.8 Interworking between 5G Network and External Data Networks (TS 29.561)

**C3-212270 Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v15.6.0 CR-0098 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **not pursued**.

**C3-212271 Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v16.7.0 CR-0099 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212594**.

**C3-212594 Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v16.7.0 CR-0099 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212271)

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

**C3-212272 Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v15.6.0 CR-0100 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **not pursued**.

**C3-212273 Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v16.7.0 CR-0101 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212595**.

**C3-212595 Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v16.7.0 CR-0101 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212273)

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

**C3-212275 Correction to Framed IP**

*Type: CR For: Agreement  
 29.061 v15.6.0 CR-0531 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212581**.

**C3-212581 Correction to Framed IP**

*Type: CR For: Agreement  
 29.061 v15.6.0 CR-0531 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces C3-212275)

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

**C3-212276 Correction to Framed IP**

*Type: CR For: Agreement  
 29.061 v16.2.0 CR-0532 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212582**.

**C3-212582 Correction to Framed IP**

*Type: CR For: Agreement  
 29.061 v16.2.0 CR-0532 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212276)

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

**C3-212277 Correction to Framed IP**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0533 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212583**.

**C3-212583 Correction to Framed IP**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0533 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212277)

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

**C3-212278 Correction to Framed IP**

*Type: CR For: Agreement  
 29.561 v15.6.0 CR-0103 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212584**.

**C3-212584 Correction to Framed IP**

*Type: CR For: Agreement  
 29.561 v15.6.0 CR-0103 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces C3-212278)

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

**C3-212279 Correction to Framed IP**

*Type: CR For: Agreement  
 29.561 v16.7.0 CR-0104 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212585**.

**C3-212585 Correction to Framed IP**

*Type: CR For: Agreement  
 29.561 v16.7.0 CR-0104 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212279)

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

**C3-212280 Correction to Framed IP**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0105 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212586**.

**C3-212586 Correction to Framed IP**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0105 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212280)

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

#### 15.2.9 Usage of the Unified Data Repository service for Policy Control Data and Structured Data (TS 29.519)

#### 15.2.10 Packet Flow Description Management Service (TS 29.551)

#### 15.2.11 Network Exposure Function Northbound APIs (TS 29.522)

#### 15.2.12 Binding Support Management Service (TS 29.521)

#### 15.2.13 Background Data Transfer Policy Control Service (TS 29.554)

#### 15.2.14 Spending Limit Control Service (TS 29.594)

**C3-212155 Correction to policyCounterId**

*Type: CR For: Agreement  
 29.594 v15.8.0 CR-0080 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212587**.

**C3-212587 Correction to policyCounterId**

*Type: CR For: Agreement  
 29.594 v15.8.0 CR-0080 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-212155)

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

**C3-212156 Correction to policyCounterId**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0081 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212588**.

**C3-212588 Correction to policyCounterId**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0081 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212156)

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

**C3-212157 Correction to policyCounterId**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0082 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212589**.

**C3-212589 Correction to policyCounterId**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0082 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212157)

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

#### 15.2.15 UE Policy Control Service (TS 29.525)

#### 15.2.16 Policy Control Event Exposure Service (TS 29.523)

#### 15.2.17 5G Impacts in existing TSs

### 15.3 IMS Stage-3 IETF Protocol Alignment [IMSProtoc9]

### 15.4 CT aspects of Northbound APIs for SCEF-SCSAS Interworking [NAPS-CT]

**C3-212330 Resource corrections for SCEF Northbound APIs**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0413 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**C3-212331 Resource corrections for SCEF Northbound APIs**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0414 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**C3-212332 Resource corrections for SCEF Northbound APIs**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0415 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-212333 Removal of TWAN level accuracy**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0416 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212534**.

**C3-212534 TWAN level accuracy applicability**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0416 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-212333)

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

**C3-212334 Removal of TWAN level accuracy**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0417 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212535**.

**C3-212535 TWAN level accuracy applicability**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0417 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212334)

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

**C3-212335 Removal of TWAN level accuracy**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0418 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212536**.

**C3-212536 TWAN level accuracy applicability**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0418 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212335)

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

**C3-212336 Format of location information**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0419 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212537**.

**C3-212537 Format of location information**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0419 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-212336)

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

**C3-212337 Format of location information**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0420 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212538**.

**C3-212538 Format of location information**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0420 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212337)

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

**C3-212338 Format of location information**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0421 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212539**.

**C3-212539 Format of location information**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0421 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212338)

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

**C3-212339 Location accuracy**

*Type: CR For: Agreement  
 29.522 v15.7.0 CR-0337 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**C3-212340 Location accuracy**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0338 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**C3-212341 Location accuracy**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0339 Cat: A (Rel-17)  
  
 Source: Huawei*

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

### 15.5 CT aspects of Enhanced Calling Name Service [eCNAM-CT]

### 15.6 EPC enhancements to support 5G New Radio via Dual Connectivity, CT aspects [EDCE5-CT]

### 15.7 Enhancements to Mission Critical Video - CT aspects [eMCVideo-CT]

### 15.8 IMS impact due to 5GS IP-CAN [5GS\_Ph1-IMSo5G]

### 15.9 CT aspects on enhanced VoLTE performance [eVoLP-CT]

### 15.10 CT aspects of 3GPP PS data off function – Phase 2 [PS\_DATA\_OFF2-CT]

### 15.11 Policy and Charging for Volume Based Charging [PC\_VBC]

### 15.12 Common API Framework for 3GPP Northbound APIs

### [CAPIF-CT]

**C3-212099 SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause**

*Type: CR For: Agreement  
 29.222 v15.8.0 CR-0183 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**C3-212100 SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause**

*Type: CR For: Agreement  
 29.222 v16.6.0 CR-0184 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**C3-212101 SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0185 Cat: A (Rel-17)  
  
 Source: Huawei*

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

### 15.13 SRVCC for terminating call in pre-alerting phase

### [bSRVCC-MT]

### 15.14 Mobile Communication System for Railways

### [MONASTERY]

### 15.15 Enhancements to Call spoofing functionality

### [eSPECTRE]

### 15.16 CT aspects of 5G Trace management [NETSLICE-5GTRACE-CT]

### 15.17 Technical Enhancements and Improvements [TEI15]

#### 15.17.1 TEI15 for IMS/CS

#### 15.17.2 TEI15 for Packet Core

### 15.18 OpenAPI version updates

### 16.1 Multi-device and multi-identity [MuD]

### 16.2 IMS Stage-3 IETF Protocol Alignment [IMSProtoc16]

### 16.3 Enhancement of 5G PCC related services [en5GPccSer]

**C3-212158 Correction to expiry time**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0083 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212508**.

**C3-212508 Correction to expiry time**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0083 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212158)

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

**C3-212159 Correction to expiry time**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0084 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212509**.

**C3-212509 Correction to expiry time**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0084 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212159)

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

**C3-212160 Correction to notification correlation id**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0085 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212510**.

**C3-212510 Correction to notification correlation id**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0085 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212160)

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

**C3-212161 Correction to notification correlation id**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0086 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212511**.

**C3-212511 Correction to notification correlation id**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0086 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212161)

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

**C3-212162 Correction to spending limit report**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0087 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-212163 Correction to spending limit report**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0088 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-212164 Correction to the termination procedure**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0089 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212576**.

**C3-212576 Correction to the termination procedure**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0089 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212164)

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

**C3-212165 Correction to the termination procedure**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0090 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212577**.

**C3-212577 Correction to the termination procedure**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0090 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212165)

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

**C3-212247 Correction to Overview and Introduction**

*Type: CR For: Agreement  
 29.521 v16.7.0 CR-0104 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212248 Correction to Overview and Introduction**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0105 Cat: A (Rel-17)  
  
 Source: ZTE*

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

### 16.4 CT aspects on Enablers for Network Automation for 5G [eNA]

**C3-212029 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0268 Cat: F (Rel-16)  
  
 Source: KDDI, Huawei*

**Decision:** The document was **revised to C3-212473**.

**C3-212473 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0268 rev 1 Cat: F (Rel-16)  
  
 Source: KDDI, Huawei*

(Replaces C3-212029)

**Decision:** The document was **revised to C3-212600**.

**C3-212600 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0268 rev 2 Cat: F (Rel-16)  
  
 Source: KDDI, Huawei*

(Replaces C3-212473)

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

**C3-212030 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0269 Cat: A (Rel-17)  
  
 Source: KDDI, Huawei*

**Decision:** The document was **revised to C3-212474**.

**C3-212474 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0269 rev 1 Cat: A (Rel-17)  
  
 Source: KDDI, Huawei*

(Replaces C3-212030)

**Decision:** The document was **revised to C3-212601**.

**C3-212601 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0269 rev 2 Cat: A (Rel-17)  
  
 Source: KDDI, Huawei*

(Replaces C3-212474)

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

**C3-212243 Missing attributes in subscription procedure**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0279 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212244 Missing attributes in subscription procedure**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0280 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212245 Correction on the value of confidence**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0281 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212475**.

**C3-212475 Correction on the value of confidence**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0281 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-212245)

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

**C3-212246 Correction on the value of confidence**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0282 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212476**.

**C3-212476 Correction on the value of confidence**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0282 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212246)

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

**C3-212284 Correction to NSI Load Level Information**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0286 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212477**.

**C3-212477 Correction to NSI Load Level Information**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0286 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212284)

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

**C3-212285 Correction to NSI Load Level Information**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0287 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212478**.

**C3-212478 Correction to NSI Load Level Information**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0287 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212285)

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

### 16.5 CT aspects on eSBA [5G\_eSBA]

**C3-212037 Correction to Charging Information**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0250 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212605**.

**C3-212050 Correction to Charging Information**

*Type: CR For: Agreement  
 29.519 v16.7.0 CR-0251 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **not pursued**.

**C3-212106 Discussion paper on Media Type for 3xx Responses**

*Type: discussion For: Discussion  
 Source: Huawei*

**Discussion:**

CT4 document related with C3-212106.

Use a CT3/CT4 thread:

[CT3/CT4][5G\_eSBA][DP] [C4-212279] [Usage of ProblemDetails with HTTP 3xx Responses].

Nokia: supports the conclusions of this DISC paper.

Huawei: With this mail thread we should be discussing two related problems: (a) justification for using either media type for 3xx responses and (b) what CT3 and CT4 should do for keeping all impacted specs aligned.

I and my CT colleagues have reservations about the justification presented in C4-212279. The reasons for that are explained in detail in C3-212106/C4-212008.

We however are open to discuss ways for bridging the gaps and finding the most appropriate way forward.

Ericsson: Paper C4-212008 indicates disagreement with some of the technical arguments provided in the paper (C4-211514) presented during last meeting CT4#102e.

The new paper in C4-212279 presented for discussion on CT4#103e attempts to address those points brought up in C4-212008. If there are further concerns with regard to the arguments brought up in C4-212279, we (E///) would be glad to discuss them, although I'm not sure if this will take us very far, being pragmatic.

On the practical side, and regarding this:

 We however are open to discuss ways for bridging the gaps and finding the most appropriate way forward.

I'd kindly like to ask what is the proposed way forward by Huawei? The paper in C4-212279 proposes a concrete way forward, in terms of specific CRs that we could consider agreeing on, in this meeting, and organizing a plan to do further corrections in CT4#104e (and corresponding CT3 meeting number in May).

If such proposed way forward is not agreeable to Huawei, what would be Huawei's suggestion to address the issue?

Huawei: Concerning the justification aspect, I’m afraid neither C4-212279 looks convincing to me. For instance, quote “Routing of requests or responses to certain subsystems…” is vague. What subsystems? How critical these are? How critical to the overall system this is?

Concerning the way forward, we can accept proposed CRs in C4-212280 and C4-212288-89, if the cover page is modified by taking away statements like this: “Categorizing as errors those signaling messages that are part of normal traffic, affects severely the network operation”.

I would propose the following reasoning:

• Redirect responses are not error responses, but this won't cause tangible problems in the network. CT4 however agreed that the redirect responses should contain a response body with a media type "application/json" rather than "application/problem+json".

Ericsson: An example can be: the NF processes an incoming message in a front-end internal component, that performs basic checks such as message overall correctness, etc. Such front-end component checks media type and finds "application/problem+json" so it determines it is an error message, and sends the message to an internal subsystem in charge of keeping track of traffic monitoring, and does some general processing to "error messages": logging, KPI accounting (ratio of error vs success messages), alarm raising, etc… Later, the message is forwarded to the application-specific business logic (e.g. to do some API-specific handling depending on the application-level cause value). Once again, this is an \_example\_ to highlight what I mean by "subsystems"; not all NFs need to be designed like that, obviously.

Ericsson accepts the way forward. I am fine replacing this statement with something more agreeable to everyone.

For the reasoning, I am mainly ok with such proposal. Maybe my only comment could be to not state categorically that this issue won't cause tangible problems. It may, or may not cause them, depending on specific vendor and operator deployed capabilities in a network. I'm sure we can find agreeable text that reflects that.

Huawei: Focusing on the way forward, I think we could close this thread by saying that we bridged the differences on this issue. We should obviously continue discussing agreeable wording on the CR cover sheets on CT4 reflector.

There is another, practical matter that we should discuss in this joint CT3/CT4 mail thread. Who does what to bring all specs inline? Below are few ideas:

• Already agreed CRs with a single source. The company, which made CRs on 3xx responses (media type “application/problem+json” for ProblemDetails) should also make correction CRs for the next meeting. If for some reason such company can’t do that (lack of time, etc.), they should inform CT3/CT4 about this and ask for volunteers.

• Already agreed CRs with multiple sources. The first company on the cover page, which made CRs on 3xx responses should also make correction CRs for the next meeting. . If for some reason such company can’t do that, they should discuss the work split with other source companies.

Ericsson: For the practical arrangements of how to provide the CRs, I don't have a strong opinion. Normally, when we have done similar systematic updates affecting all APIs, we appoint each rapporteur to do that, since it distributes the workload nicely among many individuals. But I am fine with whatever decision is taken by CT3/CT4. I think that we can discuss that point in today's conf. call and hear what other people think.

Huawei: That’s fine.

If CT4 agrees on a solution, rapporteurs will bring the related CRs.

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

**C3-212112 Correction to Charging Information**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0750 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

This CR impacts the Nudr\_DM OpenAPI file and Npcf\_SMPolicyControl OpenAPI file with a backwards compatible correction.

Huawei: Please find our comments on this CR hereinafter:

- It is assumed that the secondary CHF address is always available in the PCF in the current specification. Therefore, we don’t see the requirement to change it.

- In addition, we think that the current specification leaves the door open to any type of implementation, i.e. use the secondary CHF information or rely on the NF (service) set concepts defined in Rel-16.

o If the primary CHF instance doesn't work, the SMF can select a new CHF instance within e.g. the CHF set, or the secondary CHF instance. If the secondary CHF instance doesn’t work, the SMF can select a new CHF instance within the CHF set.

o Therefore, only a NOTE for clarification is maybe needed to say that e.g. when the NF (service) set concepts defined in Rel-16, the NF service consumer may rely on it for reselection instead of using the secondary CHF address. The proposed solution in the CR is way too complicated and there are maybe BC issues there.

Ericsson: When the NF Set concept applies and the CHF builds the redundancy/high availability solution based on a CHF set the secondary address would not be required, being enough the definition of the CHF address / instance / set to interwork. In this case the definition of a secondary CHF address, secondary CHF instance and secondary CHF set implies a divergence from the already specified procedures for a NF Set, and thus, with an increase in complexity which in turn does not provide an increase in functionality.

When the NF Set does not apply for a CHF, the primary/secondary CHF address would of course continue applying.

I agree that the behavior mentioned above is a possible one. However, it is not aligned with the defined procedures for stateless NFs in 29.500, and it is not specified anywhere the CHF would require such specific handling. Why not to control via feature support that the nodes are converging to support the NF Set concept as defined in 29.500 and avoid additional implementation complexity, if possible?

Nokia: We defined in Rel-16 clearly: “Within the ChargingInformation data structure, both primary CHF address within a "primaryChfAddress" attribute and secondary CHF address within a "secondaryChfAddress" attribute shall be provided simultaneously.”

Now we say for a frozen release “if available” and remove it from the required condition in the OpenAPI. I think, it is not backward compatible.

We decrease the upper bound of the cardinality of the secondaryChfAdress to the absence of the attribute in a frozen release (we already said some meetings ago to avoid NBC changes or non-FASMO changes). This is non-backward compatible. Since the system works as Huawei describes, I would agree with a note, if required and not to go into a discussion why we rate this as backward compatible.

Ericsson: As per our discussion during CC, the specification body is being simplified and an improved NOTE is added to 4.2.2.3.1.

In the revisions, the proposal is to still keep the feature definition, and to apply it from Rel-16.

The reason is that it is in Rel-16 where the Set concept is developed, as well as the stateless principles, and the CHF, as any other NF, should have the chance to adhere to them from Rel-16 as any other NF. This simplification will also simplify SMF and PCF implementations.

Doing the secondary charging address optional allows a smooth transition from pre-Rel6 implementations to Rel16 and beyond, which I understand it is the one 3GPP is willing to evolve. And it is cleaner than other solution including the secondary charging address, if I’m not missing anything.

Previous specified functionality is not withdrawn, as described in 5.6.2.17, and remains implementation specific, as it is clarified, so that all the additional implementation specific flexibility that implementations may desire is still available.

R1 is made available.

Ericsson: The proposed change is backwards compatible.

If the proposed feature “CHFSetSupport” is not supported, which happens for Rel-15, and any Rel-16 implementation that does not support the feature, the secondary address continues being mandatory.

This implies that a PCF supporting the feature interworking with a SMF that does not support it shall always send the secondary address; and a SMF interworking with a PCF that does not support the feature shall always receive it. Only when both, the PCF and the SMF support the feature, based on secondary address availability in the PCF, the PCF will send it to the SMF.

The proposed text could be rephrased as follows, to make it more clear that the secondary CHF address can only be omitted if the feature is supported:

“Within the ChargingInformation data structure, both primary CHF address within a "primaryChfAddress" attribute and secondary CHF address (if available), within a "secondaryChfAddress" attribute shall be provided simultaneously when the feature "CHFsetSupport" is not supported. When the feature "CHFsetSupport" is supported, the PCF shall include the "secondaryChfAddress" attribute if available (i.e. if previously retrieved from UDR, locally configured in the PCF or discovered from NRF).

Primary and secondary CHF addresses may be complemented by associated CHF instance ID(s) within the "primaryChfInstanceId" and "secondaryChfInstanceId" attribute. Primary and secondary CHF addresses may be complemented by associated CHF set ID(s) within the "primaryChfSetId" and "secondaryChfSetId". These shall overwrite any predefined addresses and associated CHF instance ID(s) and CHF set ID(s) at the SMF.

NOTE: When the feature "CHFsetSupport" is supported by the NF service consumer it indicates the NF service consumer supports CHF redundancy based on CHF Set as described in 3GPP TS 29.500 [4], subclause 6.5.3. The NF Service Consumer may use the "primaryChfAddress"/"secondaryChfAddress" attributes as primary/secondary redundancy mechanism, or alternatively, when the (primary) CHF instance and (primary) CHF set are available, it may also rely on the availability of a CHF instance within the (primary) CHF Set for the same purpose.

”

Hope this clarification solves the concern about possible NBC issues.

Huawei: I would prefer however something much simpler such as:

NOTE: The interactions between (and the usage of) the primary/secondary CHF addresses mechanism defined in this specification for the CHF and the Rel-16 NF (service) set mechanisms defined in 3GPP TS 29.500 [x] for the handling of CHF failure/reselection is implementation specific.

There is nothing that goes really wrong if the solution is not specified, which makes it not FASMO.

Implementation can cope with the existence of these mechanisms and there may even be implementations that would make use of both of them and/or provide both options and leave the final choice for the operators.

Therefore, I think the above proposed NOTE is sufficient.

Nokia: your text proposal looks much more clearer to understand and the removal of “(if available)” avoids misunderstandings because Rel-16 is kept as it is.

I accept the change as a correction due to C4-211237 (Ericsson, Nokia) classified as correction as well. Nevertheless, in reality the change non-FASMO indeed (not required to correct frequently maloperations, but could be rated as F due to the CT4 CR), but if we classify it as a feature B it will not be accepted.

For the note: I think it is fine, but if Huawei would like to have something else, also fine for me. I have some doubts that we really require the note. Can somebody explain, why may is allowed in the note. I remember on another email thread in which it was explained to me “can” must be used in notes.

I propose a clarification in the reason for change (satisfies demands for explanation), because an attribute which is required in Rel-16 is removed from the “required” list in the OpenAPI, e.g.:

This change is classified as backward compatible although the attribute “secondaryChfAddress” is removed from the required category in the OpenAPI. The backward compatibility is based on the classification of the “secondaryChfAddress” as conditional and the introduction of a new feature, which allows an unchanged client/server interworking.

Ericsson to Huawei: As it is specified right now it seems it prevents to adhere to stateless NF principles, since for CHF redundancy, when using stateless NFs, we’re specifying a behavior based only on Primary/Secondary set that is not defined elsewhere for CHF or any NF. It may create interoperability problems if it is not specified the case where only info about “one Set” is delivered. Which in the other hand is the only one specified in Rel-16 for a NF. What’s the point in making implementations “cope” with the premature specification of a mechanism that is not defined anywhere else.

Is I explained, if Rel-16 were not frozen, this CR would be deleting the secondary instance and secondary set related attributes. We did a mistake. We were not providing functionality.

Ericsson to Nokia: I will update the coversheet when we agree on the specific changes.

Ericsson to Nokia: The use of “may” in the note was Ericsson’s mistake.

Ericsson to Huawei:

-The PCF retrieves the Charging Information from UDR, local configuration or NRF (as specified in 29.512 4.2.2.3.1) and delivers it to SMF

- Rel-15

o Charging information in UDR is defined as the primary AND secondary CHF address, both mandatory. PCF delivers them to SMF as retrieved

o NRF info for secondary CHF instance was incorrectly specified, and it was corrected in the past CT4 meeting (CR 0041 to 29.510, I assume you’re familiar with the problem and the solution and I don’t need to develop the technical details in this email). The PCF uses the retrieved primary and secondary CHF instances to derive the primary and secondary CHF address to deliver to the SMF.

- Rel-16

o Charging information in UDR was updated to include, optionally, the primary instance, the primary set, the secondary instance, the secondary set. The PCF delivers whatever it is in the UDR to the SMF.

o NRF info for CHF was extended to clarify/correct that from Rel-16 on, the NRF may return the primary/secondary instance and/or CHF Set related information (C4-211237).

 I.e., the NRF may only return CHF Set info, and no information about primary/secondary NF instance. What does the PCF do in this case? Should the PCF “create” a secondary CHF address and cheat the SMF telling him it is a secondary CHF address when it is not? No, the PCF should send the information the CHF configures in the NRF, and if there is no secondary info, no secondary info is delivered. The CHF has to configure in the NRF the information its NF Service Consumers require. If there is no secondary instance, no one has to make up anything.

 When the NRF returns both CHF Set info and primary/secondary instance, what does the PCF do in this case? The PCF derives the secondary CHF address from the secondary CHF instance and delivers to the SMF primary CHF address, secondary CHF address, (primary) CHF instance and (primary) CHF Set. The SMF interacts with the CHF as its internal policies decide, i.e. either based on primary/secondary address info or CHF set info.I don’t see we need in this case any additional functionality.

• Why should the PCF derive from the secondary CHF instance the secondary Set information, if all the info related to stateless NF is already within the selected NF Set? There is no reason to do so.

• Why should the PCF deliver to the SM all this stuff? What would the SMF do with primary/secondary instance/set and where else it is sensibly required, considering that a NF Set already fulfills all the stateless/failover/redundancy requirements any NF may have? Nothing, absolutely nothing, no benefit in it.

Now, UDR information is not aligned with NRF provided information. It is based on an understanding we had during the beginning of Rel-16 and we did not check against the evolving work in CT4. And we need to correct it and evolve it. From the UDR point of view, only primary address and secondary address, and/or primary address, primary instance and primary set should have been defined. In the same way, N7 interface needs to be corrected.

For me it is FASMO because it is fixing a behavior we specified in Rel-16 which is incorrect. We cannot solve it in a BC way if we don’t define feature control. We cannot get rid off secondary instance and secondary set attributes because Rel-16 is frozen, but I believe we should discourage everybody about using them.

If we do not do anything in Rel-16 we’re agreeing that the currently specified functionality is the way forward for the CHF when evolving to NF Set and, for me, that is absolute nonsense.

Ericsson: To better accommodate the text in 2112/2113 to the explanation, the CRs should be updated. R2 is made available.

Huawei: We still think that the CRs are not needed and that a simple NOTE is more than enough, I will not reiterate the arguments that I have already provided on this. We can however agree on a compromise to define the proposed solution starting from Rel-17 only. Please find in 2113\_r2\_AEM further comments and proposed changes from our side. R2\_AEM is made available.

Ericsson: I still think we should fix it from Rel-16, since it is the first release that deploys NF Sets. I don’t know if it is only Huawei’s view that Rel-16 does not require a fix.

If it is not acceptable to change the OpenAPI definition in Rel-16, at least we still need to specify in 29.512 that primary/secondary address is an alternative mechanism to NF Set, as indicated below (and silence about Secondary Instance/ Secondary set). R3 is made available.

Ericsson to Nokia: the clarification in the coversheet about why the change is BC has been added to the reason for change.

If you could, your further feedback on the CRs is welcome.

Huawei: The change is 2112\_r3 is not FASMO as previously explained. Therefore, we reiterate our opposition to this CR, in addition to the associated CR 2050.

Ericsson: It would be appreciated if you could explain again why it is not FASMO to solve a mess about CHF instances/sets and addresses and failover solutions in Rel-16. I provided further technical arguments explaining that nobody will know what to do with the info as we have it right now specified and I did not receive anything else than “as I said it is not FASMO” ?

Huawei: I have already provided technical arguments, both orally and by email, explaining why this CR is not FASMO and I think that Nokia shares the same opinion if I am not mistaken. I have also not seen valid counter arguments invalidating my arguments. We can go down another round of discussions if you want, but I feel that we are going to repeat ourselves. Anyway, in short:

- Nothing in the current specification prevents a concerned NF service consumer (e.g. SMF) to make use of the NF set concepts for the CHF failover/reselection purposes. All the information is available and it is at the end a matter of implementation and configuration! There is absolutely nothing wrong in the current specifications, it is just that there are two possible solutions to handle this CHF redundancy/failover/etc. situations that can very well coexist together.

- If an implementation wants to make use of only the NF set concepts, it can do so and I have provided a few examples on how this can work. At the end, it is a matter of how the concerned NF service consumer behaves, it does not depend on the other nodes.

- Arguments like “why should the PCF do smth”, “why should it have to do …” and so on are not valid explanation of why a CR is FASMO but rather express a preference/opinion from Ericsson, which may be different for other companies/vendors.

We have made a step forward to accept the solution from Rel-17 even if we are really not convinced that it is needed. Now if you feel that it is not sufficient, then please postpone the CRs to next meeting and let’s continue discussing offline by email in the meantime.

**Decision:** The document was **not pursued**.

**C3-212113 Correction to Charging Information**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0751 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212604**.

### 16.6 CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system [ATSSS]

### 16.7 CT aspects of 5GS enhanced support of vertical and LAN services [Vertical\_LAN]

**C3-212025 Correction of AaaUsage**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0309 Cat: F (Rel-16)  
  
 Source: KDDI*

**Decision:** The document was **revised to C3-212530**.

**C3-212530 Correction of AaaUsage**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0309 rev 1 Cat: F (Rel-16)  
  
 Source: KDDI*

(Replaces C3-212025)

**Decision:** The document was **not pursued**.

**C3-212026 Correction of AaaUsage**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0310 Cat: A (Rel-17)  
  
 Source: KDDI*

**Decision:** The document was **revised to C3-212531**.

**C3-212249 Correction to Data type table**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0303 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212250 Correction to Data type table**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0304 Cat: A (Rel-17)  
  
 Source: ZTE*

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

### 16.8 CT aspects of Enhancing Topology of SMF and UPF in 5G Networks [ETSUN]

### 16.9 CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated Ues [PARLOS]

### 16.10 CT aspects on enhancement of network slicing [eNS]

### 16.11 CT aspects of Enhancement to the 5GC LoCation Services [5G\_eLCS]

**C3-212287 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0411 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212489**.

**C3-212489 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0411 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212287)

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

**C3-212288 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0412 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212490**.

**C3-212490 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0412 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212288)

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

**C3-212289 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0335 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212491**.

**C3-212491 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0335 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212289)

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

**C3-212290 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0336 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212492**.

**C3-212492 Correction to LDR geographic area**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0336 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212290)

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

### 16.12 CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI [E2E\_DELAY]

### 16.13 Cellular IoT support and evolution for the 5G System [5G\_CIoT]

**C3-212166 Correction to PCC control for DDD status and availability after DDN failure events**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0756 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212578**.

**C3-212578 Correction to PCC control for DDD status and availability after DDN failure events**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0756 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212166)

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

**C3-212167 Correction to PCC control for DDD status and availability after DDN failure events**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0757 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212579**.

**C3-212579 Correction to PCC control for DDD status and availability after DDN failure events**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0757 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212167)

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

### 16.14 CT aspects on wireless and wireline convergence for the 5G system architecture [5WWC]

**C3-212027 Correction of AccessRightStatus**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0311 Cat: F (Rel-16)  
  
 Source: KDDI*

**Decision:** The document was **revised to C3-212532**.

**C3-212532 Correction of AccessRightStatus**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0311 rev 1 Cat: F (Rel-16)  
  
 Source: KDDI*

(Replaces C3-212027)

**Decision:** The document was **not pursued**.

**C3-212028 Correction of AccessRightStatus**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0312 Cat: A (Rel-17)  
  
 Source: KDDI*

**Decision:** The document was **revised to C3-212533**.

**C3-212168 Correction to access network info report**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0758 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-212169 Correction to access network info report**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0759 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212540**.

### 16.15 Volume Based Charging Aspects for VoLTE [VBCLTE]

### 16.16 CT aspects of optimisations on UE radio capability signalling [RACS]

**C3-212209 Clarification on Manufacturer Assigned URC**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0409 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, Samsung*

**Decision:** The document was **revised to C3-212493**.

**C3-212493 Clarification on Manufacturer Assigned URC**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0409 rev 1 Cat: F (Rel-16)  
  
 Source: Qualcomm Incorporated, Samsung*

(Replaces C3-212209)

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

**C3-212210 Clarification on Manufacturer Assigned URC**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0410 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated, Samsung*

**Decision:** The document was **revised to C3-212494**.

**C3-212494 Clarification on Manufacturer Assigned URC**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0410 rev 1 Cat: A (Rel-17)  
  
 Source: Qualcomm Incorporated, Samsung*

(Replaces C3-212210)

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

### 16.17 Service Based Interface Protocol Enhancement [SBIProtoc16]

### 16.18 CT aspects of eV2XARC [eV2XARC]

### 16.19 CT aspects of 5G URLLC [5G\_URLLC]

**C3-212170 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v16.7.0 CR-0261 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212541**.

**C3-212541 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v16.7.0 CR-0261 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212170)

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

**C3-212171 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0262 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212542**.

**C3-212542 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0262 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212171)

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

### 16.20 Enhancement of 3GPP Northbound APIs [eNAPIs]

### 16.21 CT Aspects of 5GS Transfer of Policies for Background Data [xBDT]

### 16.22 CT aspects of SBA interactions between IMS and 5GC [eIMS5G\_SBA]

### 16.23 CT aspects of application layer support for V2X services[V2XAPP]

**C3-212214 Correct referenced datatype for VAE\_MessageDelivery**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0028 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212215 Correct referenced datatype for VAE\_MessageDelivery**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0029 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212216 Correct resourceUri used in Message Delivery procedures**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0030 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212217 Correct resourceUri used in Message Delivery procedures**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0031 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212218 Correction of Individual Downlink Message Delivery resource name**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0032 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212219 Correction of Individual Downlink Message Delivery resource name**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0033 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212220 Correct service operation name for VAE\_FileDistribution**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0034 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212221 Correct service operation name for VAE\_FileDistribution**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0035 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212222 Correct serivce name and resourceUri for VAE\_ApplicationRequirement**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0036 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212223 Correct serivce name and resourceUri for VAE\_ApplicationRequirement**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0037 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212224 Correct service name and resourceUri for VAE\_DynamicGroup**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0038 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-212225 Correct service name and resourceUri for VAE\_DynamicGroup**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0039 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-212226 Termination of Downlink Message Delivery procedure**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0040 Cat: F (Rel-16)  
  
 Source: ZTE*

**Discussion:**

Huawei: I think the change is not an essential correction. 29.486 is the same as other northbound API and there is separate clause to describe the DELETE operation. The CR is not needed from my point of view.

Same comment applies to the following CRs on the same topic.

ZTE: Which other northbound API do you mean, and they have resource creation procedure but no resource deletion procedure as well?

These CRs are not only for the completion, but also for the clarification, e.g. which service operation should be used for termination, there is no definition for that.

Further more, 2232/2233 contains more corrections, i.e., replacement of "Individual Application Requirement " with " Individual Group Configuration".

and 2228/2229 also contains more corrections, i.e., replacement of “Individual Message Delivery” with “Individual File Distribution”.

Huawei: You can check 29.122 and 29.522.

ZTE: I checked 29.122&29.522, and found their skeleton structure are different with 29.486, e.g., 29.486 has a specific clause 5 defining services in detail, introducing service description, service operations and figures for procedures, it seems that the SBI template is used to create 29.486.

Do you want to strictly align 29.486 with 29.522, that means to restructrue the TS and remove the detail service related definition, or complete 29.486 as the CRs propose based on currect TS structure?

Huawei: Let’s check the opinion from other companies during the CC. Anyway, it is not an essential correction. If we agree to make some alignment, please do it in Rel-17.

ZTE: I can agree to do the changes in Rel-17. This CR should be not pursued.

Huawei: I am fine with the way forward.

**Decision:** The document was **not pursued**.

**C3-212227 Termination of Downlink Message Delivery procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0041 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212495**.

**C3-212228 Termination of File Distribution procedure**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0042 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212496**.

**C3-212496 Correction of resource name in File Distribution termination procedure**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0042 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-212228)

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

**C3-212229 Termination of File Distribution procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0043 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212497**.

**C3-212230 Termination of Network Resource Reservation procedure**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0044 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **not pursued**.

**C3-212231 Termination of Network Resource Reservation procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0045 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212498**.

**C3-212232 Termination of Dynamic Group Configuration procedure**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0046 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212499**.

**C3-212499 Correction of resource name in Dynamic Group Configuration procedure**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0046 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-212232)

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

**C3-212233 Termination of Dynamic Group Configuration procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0047 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212500**.

**C3-212500 Termination of Dynamic Group Configuration procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0047 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212233)

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

### 16.24 xMB extension for mission critical services [MC\_XMB-CT]

### 16.25 CT aspects of enhancements for Common API Framework for 3GPP Northbound APIs [eCAPIF]

### 16.26 CT aspects of Service Enabler Architecture Layer for Verticals [SEAL]

### 16.27 CT aspect of single radio voice continuity from 5GS to 3G [5G\_SRVCC]

### 16.28 Technical Enhancements and Improvements [TEI16]

#### 16.28.1 TEI16 for IMS/CS

**C3-212470 IMS data channel at the II-NNI**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1024 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces C3-212262)

**Decision:** The document was **revised to C3-212580**.

**C3-212580 IMS data channel at the II-NNI**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1024 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces C3-212470)

**Decision:** The document was **revised to C3-212593**.

**C3-212593 IMS data channel at the II-NNI**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1024 rev 3 Cat: A (Rel-17)  
  
 Source: Huawei, HiSilicon, Ericsson*

(Replaces C3-212580)

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

**C3-212471 IMS data channel at the II-NNI**

*Type: CR For: Agreement  
 29.165 v16.5.0 CR-1025 Cat: F (Rel-16)  
  
 Source: Huawei, HiSilicon, Ericsson*

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

#### 16.28.2 TEI16 for Packet Core

**C3-212321 Correction to QoS control in the VPLMN**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0770 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212512**.

**C3-212512 Correction to QoS control in the VPLMN**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0770 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-212321)

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

**C3-212322 Correction to QoS control in the VPLMN**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0771 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212513**.

**C3-212513 Correction to QoS control in the VPLMN**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0771 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212322)

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

**C3-212342 Reply LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS out For: Approval  
 to SA4, cc SA2  
 Source: Huawei*

**Decision:** The document was **revised to C3-212404**.

**C3-212404 Reply LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS out For: Approval  
 to SA4, cc SA2  
 Source: Huawei*

(Replaces C3-212342)

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

### 16.29 OpenAPI version updates

### 17.1 Rel-17 Work Items

**C3-212353 Discussion paper on 5MBS status**

*Type: discussion For: Discussion  
 Source: Huawei Technologies R&D UK*

**Discussion:**

Use a CT3/CT4 thread:

[CT3/CT4][5MBS][DP] [C3-212353/C4-212126] [Discussion paper on 5MBS status]

Nokia: 1. The DISC paper says:

“SA4 is discussing with SA2 which protocols should be used for the following control plane (CP) and user plane (UP) interfaces:

• Nx1 (CP) interface between MBSF/NEF and MB-SMF

• Nx2 (CP) interface between MBSF/NEF and MBSTF

• Nx3 (CP) between MBSF/NEF and PCF.”

as reported from our SA2 team, it is not correct that protocols were discussed. Discussions also focused on Nx2 interface between the MBSF/NEF and MBSTF Interface, where SA4 questioned if that interface is service based and SA2 did not decide but allowed SA4 to define detailed stage 2. For Nx1 and Nx3 SA4 is hardly involved.

2. The DISC paper says:

"If however SA2 and SA4 decide to use SBI also for Nmb, Nx1, Nx2 and Nx3 interfaces, CT4 and CT3 may be involved in this work."

CT4/CT3 shall be responsible for the protocol selection for the reference points they are responsible for. So the question is which WG is responsible for the protocol definition (and selection) of Nx1, Nx2 and Nx3.

3. The reference point between SMF and MB-SMF cannot be N16 as the services to be exposed by the MB-SMF have nothing in common with the existing N16 reference point. Stage 2 needs to be corrected (and e.g. S2-2102282 referenced by Horst below does so), and CT4 work is NOT "limited to enhancements to the existing N-interfaces" since a new CT4 TS is needed to define the MB-SMF services exposed to other 5GC NFs (e.g. AMF, SMF, MBSF/NEF). As per the comments we already made at the last CT4 meeting.

As shown e.g. in S2-2102282, there are several new interfaces introduced by 5MBS, that should be in CT4 and CT3 remit.

Rational for CT4 being responsible for the MB-SMF APIs:

- This is a CN internal interface, not related to policy, with 5GC NF consumers being AMF, SMF, MBSF/NEF.

- the MB-SMF APIs will support in particular creating, update, deleting an MBS session, and starting/stopping multicast traffic. CT4 is responsible for the SMF API to create/update/deletion PDU session, and in the legacy EPC, CT4 is also responsible for the Sm protocol definition to start/stop MBMS sessions.

Nokia: 5MBS is in discussion in SA2 still. This means that requirements to the reference points, the architecture and the naming of reference point could change. As a result, it is fine to submit the WID to CT3#116e.

Independent from the stage 2 discussions and possible requirement changes we will have some interfaces that will be in the scope of CT3 (assumption that SBI approach will be used). Some first comments to the allocation of reference points to working groups, which could make sense and which should be discussed to define the WID during the next CT3/CT4 meeting finally:

CT3:

- Nmb3 (NEF related, MB control)

- Nmb4 (MB user plane level)

- Nmb5 (MB user plane level)

- Nmb6 (maybe something will be reused from N33)

- N7mb (policy related interface)

CT4:

- Nmb1

- N16mb (no more pure N16)

- N11mb

Nmb2

- Depends on the interface requirements (extension of xMB could mean an allocation to CT3, if not it could mean an allocation to SA4)

The DP is considered the first step to initiate the discussions for splitting the work in order to make a more stable proposal based on the progress of stage 2.

Further comments will be provided in the Exploders. Companies are welcome to provide comments.

Wait for this feedback from other companies and see whether some relevant information needs to be addressed in the future WID.

Huawei: S2-2102282 changes few assumptions, but SA2 hasn’t agreed that proposal yet. Let’s give SA2 some time to sort out things. There are too many moving parts right now.

Nokia: Regardless of how interfaces are named, new NFs/network entities and new interfaces are defined in the architecture for 5MBS, and discussing the work split for the protocol work companies expect between CT4, CT3 and SA4, according to the ToRs of each WG, would help.

Huawei:

I agree CT3 and CT4 should discuss the work split, as far as possible. My point was S2-2102282 proposes to change few important assumptions and therefore it will be premature for us to assume anything until SA2 agrees or rejects these. Below is the list of TS 23.247 provisions, which S2-2102282 challenges and which IMO prevent CT groups from decisions at this stage:

• [Proposal-1] Remove “The MB-SMF is an enhanced SMF and the MB-UPF is an enhanced UPF” in NOTE 1 in clause 5.1, as MB-SMF and MB-UPF are defined as new NFs.

• [Proposal-2] Define new reference points for MB-SMF and MB-UPF which are different from the ones for SMF and UPF. This implies CT4 should not enhance existing specs, but rather start new TSes.

• [Proposal-6] Remove Nx3 reference point.

• [Proposal-8] In service-based architecture, NEF should utilize Nmbsf provided by the MBSF, instead of xMB-C/MB2-C. In reference point architecture, define a new reference point (Nmb3) between the MBSF and the NEF.

• [Proposal-9] Define a new reference point (Nmb4) between the MBSTF and the AF/AS, a new reference point (Nmb5) between the MB-UPF and the MBSTF, and a new reference point (Nmb6) between MBSF and AF/AS .

Having said that, we should try to sort out which interfaces will be owned by CT4 and which by CT3. I’m fine with your proposal, which I understood should be something like the following.

CT4:

• between MB-UPF and UPF

• between MB-UPF and NG-RAN

• between MB-UPF and MBSTF

• between MB-UPF and AF/AS

• between MB-SMF and MB-UPF

• between MB-SMF and SMF

• between MB-SMF and AMF

• between MB-SMF and MBSF

CT3:

• between PCF and MB-SMF

• between PCF and MBSF

• between PCF and NEF

• between MBSF and AF/AS

• between NEF and AF/AS

Not sure:

• between MB-SMF and NEF

• between MBSF and MBSTF

Please share your views on the above.

Nokia:

CT4:

• between MB-UPF and UPF

• between MB-UPF and NG-RAN

• between MB-UPF and MBSTF Nokia> No – we expect this UP interface to be defined by CT3 (like N6 is defined by CT3 in 29.561)

• between MB-UPF and AF/AS Nokia> No – we expect this UP interface to be defined by CT3 (like N6 is defined by CT3 in 29.561)

• between MB-SMF and MB-UPF

• between MB-SMF and SMF

• between MB-SMF and AMF

• between MB-SMF and MBSF

CT3:

• between PCF and MB-SMF

• between PCF and MBSF Nokia> there is no such interface defined to my knowledge; but yes, if there is one.

• between PCF and NEF

• between MBSF and AF/AS

• between NEF and AF/AS

Not sure:

• between MB-SMF and NEF Nokia> CT4 (similar to MB-SMF service exposed to MBSF)

• between MBSF and MBSTF Nokia> SA4, CT3, or even possibly CT4

Ericsson: SA2 is still discussing on S2-2102282 with revisions, with the latest 5G MBS system architecture in reference point representation different from the one listed in Nokia yesterday mail.

And checking with our SA2 colleague information on related interfaces, still need to wait SA4 discussion and decision.

Nmb2 has been discussed. It should be decided by SA4 (maybe together with CT group).

Nmb3 hasn’t been discussed. It should also be decided by SA4 (maybe together with CT group).

Nmb1 hasn’t been discussed.

Currently still a number of system level issues is still under discussion and comparison in stage 2,

Prefer to still follow the same consideration till SA2 and SA4 finalize 5MBS architecture and decide what protocols will be used for 5MBS-specific interfaces,

Then to be effective to discuss related CT base on stable Architecture and Reference Points from stage2.

Huawei: I believe the work split between CT3 and CT4 can be reviewed already now, despite somewhat shaky stage 2. Here is the ‘clean’ proposal for your convenience. Please give this a thought.

CT4:

• between MB-UPF and UPF

• between MB-UPF and NG-RAN

• between MB-SMF and MB-UPF

• between MB-SMF and SMF

• between MB-SMF and AMF

• between MB-SMF and MBSF

• between MB-SMF and NEF

CT3:

• between PCF and MB-SMF

• between PCF and NEF

• between MBSF and AF/AS

• between NEF and AF/AS

• between MB-UPF and MBSTF

• between MB-UPF and AF/AS

Pending SA2/SA4 decisions:

• between MBSF and MBSTF. Either SA4, CT3, or CT4

Huawei to Nokia: Are there any objections to the below work split among CT3 and CT4 colleagues?

When we finalize this list, it will become CT working assumption. I will use this and also the outcome of the SA2/SA4 discussions when drafting the 5MBS WID for the next meeting.

Huawei shares a related SA4 LS.

Ericsson: SA4 LS with attached TR 26.802 v1.2.0 still missing evaluation and conclusion.

And ACTION: SA4 kindly asks SA2 to:

1) Let SA4 know if SA2 has any comments on the work split proposed in clause 7.3 in the attached draft TR 26.802.

2) Consider renaming xMB-C to Nmbsf or Nx4, and xMB-U to Nmbstf or Nx5, in line with the 5GC reference point naming convention.

3) Take into account SA4 design considerations for the Nx2 reference point documented in clause 5.3 of the attached draft TR 26.802.

4) Keep SA4 updated on the progress of TS 23.247.

Ie. SA4 and SA2 close co-working still needed, including SA2 approved CR S2-2102282r04 in TS 23.247 and as mentioned Nmb3 and Nmb1 has not been discussed,

The stage2 updates and potential impacts still need to be addressed, for your next meeting WID proposal consideration.

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

#### 17.1.1 New or revised Work Items

**C3-212032 Revised WID on CT aspects of Enhancement for Proximity based Services in 5GS**

*Type: WID revised For: Endorsement  
 Source: CATT*

(Replaces CP-210292)

**Abstract:**

Revised WID on CT aspects of proximity based services in 5GS

**Decision:** The document was **revised to C3-212358**.

**C3-212358 Revised WID on CT aspects of Enhancement for Proximity based Services in 5GS**

*Type: WID revised For: Endorsement  
 Source: CATT*

(Replaces C3-212032)

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

**C3-212036 Service Based Interface Protocol Improvements Release 17**

*Type: WID revised For: Endorsement  
 Source: Huawei, China Mobile*

(Replaces CP-201075)

**Decision:** The document was **revised to C3-212359**.

**C3-212359 Service Based Interface Protocol Improvements Release 17**

*Type: WID revised For: Endorsement  
 Source: Huawei, China Mobile*

(Replaces C3-212036)

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

**C3-212038 Revised WID on Enablers for Network Automation for 5G - phase 2**

*Type: WID revised For: Approval  
 Source: China Mobile Com. Corporation*

(Replaces CP-210290)

**Decision:** The document was **revised to C3-212360**.

**C3-212360 Revised WID on Enablers for Network Automation for 5G - phase 2**

*Type: WID revised For: Approval  
 Source: China Mobile Com. Corporation*

(Replaces C3-212038)

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

**C3-212049 Revised WID on N7 Interfaces Enhancements to Support GERAN and UTRAN**

*Type: WID revised For: Approval  
 Source: China Mobile Com. Corporation*

(Replaces CP-210186)

**Decision:** The document was **revised to C3-212514**.

**C3-212514 Revised WID on N7 Interfaces Enhancements to Support GERAN and UTRAN**

*Type: WID revised For: Approval  
 Source: China Mobile Com. Corporation*

(Replaces C3-212049)

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

**C3-212110 CT aspects on Dynamically Changing AM Policies in the 5GC**

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

**Decision:** The document was **revised to C3-212361**.

**C3-212361 CT aspects on Dynamically Changing AM Policies in the 5GC**

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

(Replaces C3-212110)

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

**C3-212114 Open issues on 3GPP Northbound interfaces**

*Type: discussion For: Discussion  
 Source: Huawei*

**Discussion:**

Use a CT3/CT4 thread:

[CT3/CT4][WID][DP] [C3-212114/C4-212204] [Discussion Open issues on 3GPP Northbound interfaces]

Nokia: The following comment also relates to C3-212115 (NBI17) and C3-212036 (SBIProtoc17). Nokia agrees that a WI should cover aspects for northbound interfaces that cannot be allocated to other Rel-17 WIs directly.

Two approaches are possible:

- Enhancement of the CT4 WI SBIProtoc17 with missing specifications and not defining a separate WI in CT3 independent of the CT4 responsibility for northbound interfaces.

- As Huawei proposed: Definition of a new WI for the northbound interfaces and removal of specification from SBIProtoc17, which could force misunderstandings during Tdoc definition and the mapping to work items.

It is proposed that CT3 decides on the way to go forward, because the northbound interfaces are the main issue. Although the issues related to misunderstandings does no more hold true based on the second bullet, Nokia has a preference to agree on one WI (enhancement of SBIProtoc17) and not to introduce a further WI for the northbound interfaces. Both approaches are possible of course. The final decision should be done by CT3.

Ericsson: Ericsson agree to have Rel-17 new WID on those enhancement only applicable to Northbound Interfaces, which cannot be covered in SBIProtoc17, other Rel-17 WIDs or TEI17+older release WI.

So the scope of the WID proposed in the Discussion Paper need to be narrowed to be accepted:

Key Issue#2, those common SBI enhancement applicable to all APIs should be kept within current SBIProtoc17 WI and not under this work item because they are not specific to NB APIs.

Key Issue#3, issues 6, 7, 8 are all function related have the related function WIDs some need stage 2 requirement like issue 6 , should be removed from the scope of this work item.

issue 9 need to specify the contents of the applicable alignment on NB related protocol(status code, error handling etc.) , excluding those required from stage 2 or decided within CT4.

Issue 6 will be removed.

Huawei:

The NB APIs is not service based interfaces as 5GC APIs, stage 2 even didn’t define services for the SCEF northbound APIs, which should not be covered by the SBIProtoc17 WID.

As C3-212114 explained, the common aspects of NB APIs are different with the common aspects of 5GC APIs, and CT3 always decouple the discussion on the enhancement of NB APIs and 5GC APIs. Besides, in order to avoid confusion that some CRs need to change the WI during the discussion, it would be better to have a clean and decoupled scope between the NBI17 and SBIProtoc17 WID, similar as eNAPIs WI and SBIProtoc16 WI.

I fully agree with you that the NB APIs shall respect the general API guidelines, hence, I can add an NOTE in the new WID as follows:

NOTE: The common enhancement of NB APIs should respect the general API guidelines.

What do you think?

Fine to removed issue#6 from the scope of NBI17, but issue#7 is the requirement from stage 2 based on TS 23.682 but miss to be defined in stage 3. For issue#8, since the notification destination can always be updated in each HTTP PUT request via modification procedure, hence, it can also be updated via the HTTP PATCH operation if defined, right?

Issue#9 is to solve issues similar as C3-211188 (the last known location report), since the southbound interface may define different logic with the northbound interface, which should be aligned. For sure, it will not include the issues which requires stage 2 requirement.

Nokia: The following comment also relates to C3-212115 (NBI17) and C3-212036 (SBIProtoc17). Nokia agrees that a WI should cover aspects for northbound interfaces that cannot be allocated to other Rel-17 WIs directly.

Two approaches are possible:

- Enhancement of the CT4 WI SBIProtoc17 with missing specifications and not defining a separate WI in CT3 independent of the CT4 responsibility for northbound interfaces.

- As Huawei proposed: Definition of a new WI for the northbound interfaces and removal of specification from SBIProtoc17, which could force misunderstandings during Tdoc definition and the mapping to work items.

It is proposed that CT3 decides on the way to go forward, because the northbound interfaces are the main issue. Although the issues related to misunderstandings does no more hold true based on the second bullet, Nokia has a preference to agree on one WI (enhancement of SBIProtoc17) and not to introduce a further WI for the northbound interfaces. Both approaches are possible of course. The final decision should be done by CT3.

Ericsson.

All the NB APIs is still need storage of YAML files in 3GPP Forge to pass the same 5GC API tool evaluation, the OpenAPI version and TS version in externalDocs field, Description, indentation requirements etc. SBI related common requirement is still applicable, in which the existing SBIProtoc17 WI has been already contributed valuable CRs.

And we have internal discussed, instead of adding above NOTE, we’d prefer to update the 1st sentence in clause 4 as follows:

The objective of this work item is to specify the technical enhancements and necessary changes to the 3GPP Northbound Interfaces and APIs, following the principles in TS 29.500 & TS 29.501 when possible, which are not covered by the other dedicated Wis.

Thanks accept remove issue#6. For issue#7, it’s is related to function, covered in TEI17\_GroupEventMont scope. For issue#8, please add the scope “for the APIs that already support the PUT”, then fine to keep.

Issue#9 just need revision to specify the applicable scope, then fine to keep.

Huawei:

I am not saying the NB APIs will not follow the general API guidelines but considering the NB APIs are not suitable to be included under the SBIProtoc17 WI.

I am fine with the new added context to be added into the NBI17 WI to indicate that the NB APIs shall respect the general API guidelines.

For issue#8, it shall not be covered by the TEI17\_GEM WI, but issue#8 has already been specified in TS 23.682 from Release-15.

Currently, the SCEF/NEF northbound already support to provide the list of configuration failure result to the SCS/AS or AF for one or more group members as defined via the “configResults” attribute within the MonitoringNotification data in clause 5.3.2.2.2 of TS 29.122, but unfortunately, the HSS/UDM didn’t support to provide the list of failed configuration result to the SCEF/NEF yet. Hence, issue#8 is proposed to define the missed Rel-15 requirement into stage 3, to complete the end to end procedure.

We should fully follow the stage 2 scope of TEI17\_GEM WI in stage 3, not mixture any other grouping-based issues into the WI (just because the title of the WI is group-based event monitoring).

Ericsson: With the new added description, we accept NBI17 WID to cover all NB APIs and we prefer TS 29.517 to be also part of this NBI17 API, meanwhile keeping TS 29.517 in SBIProtoco17 for trusted AF Naf SBI scope.

Fine to keep issue 7.

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

**C3-212115 Enhancements of 3GPP Northbound Interfaces**

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

**Discussion:**

Nokia: see comment to DP C3-212114/C4-212204 on the CT3/CT4 exploders.

Ericsson: Please see comments to DP C3-212114/C4-212204 on the CT3/CT4 exploders.

and further comments as below

Clause 4 Objective,

last bullet, please change “specific Rel-17 WIs” => “specific Wis”, since the former Release WI plus TEI17 should be used, not belong this new WID.

For ProSe PC2 interface, better to remove it together in clause 5, or if the potential impact could be identified then keep the same Potential description as in clause 5.

Clause 5, What’s the identify impact to TS 29.230 and TS 29.343? perception to the possible impact to TS 29.230 aroused by other function WI new feature requirement, prefer to remove it.

Ericsson: Would you refer to my latest comments to DP C3-212114 to update this WID ?

and please add Ericsson as Supporting Company.

Huawei makes r1 available.

The pending issue is that how to handle TS 29.517 as discussed under the email thread of C3-212036, we can further discuss it during today’s CC.

To Ericsson, I already put ProSe Pc2 interface as potential impact for TS 29.343 since it is also one of the northbound interfaces, and I didn’t list all the detailed SCEF/NEF related issues as described in C3-212114 into the WID since my understanding is that the WID should be kept as more general and more detailed issues can be figured out in future.

Nokia: Looks good so far.

Ericsson is fine with r1.

Deutsche Telekom: from our perspective we would like to remove TS29.503 and TS 29.518 from the affected Specs. In our understanding UDM and AMF are core network internal services.

CT3 agrees with the proposal. Waiting for CT4 endorsement.

Huawei to DT: It’s similar as eNAPIs, some enhancement will also be required for southbound interfaces to complete some end to end service capability exposure procedure.

Taking the issue#7 of the DP for example, it has been specified in TS 23.682 from Release-15.

Currently, the SCEF/NEF northbound already support to provide the list of configuration failure result (but only two failure reasons are defined, i.e. roaming not allowed and other) to the SCS/AS or AF for one or more group members as defined via the “configResults” attribute within the MonitoringNotification data in clause 5.3.2.2.2 of TS 29.122, but unfortunately, the HSS/UDM didn’t support to provide the list of failed configuration result to the SCEF/NEF yet. Hence, issue#7 is proposed to define the missed Rel-15 requirement into stage 3, to complete the end to end procedure. If more failure reasons are introduced by the HSS/UDM, then the SCEF/NEF northbound needs more enhancement.

That’s why I include the TS 29.503, TS 29.518 as impacted TSs under this WID to make sure the whole service capability exposure is aligned and completed, we consider NBI17 is the best WID to solve the kind of issues like issue#7.

**Decision:** The document was **revised to C3-212362**.

**C3-212362 Enhancements of 3GPP Northbound Interfaces**

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

(Replaces C3-212115)

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

**C3-212116 Revised WID on eEDGE\_5GC**

*Type: WID revised For: Endorsement  
 Source: Huawei*

**Decision:** The document was **revised to C3-212519**.

**C3-212519 Revised WID on eEDGE\_5GC**

*Type: WID revised For: Endorsement  
 Source: Huawei*

(Replaces C3-212116)

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

**C3-212172 Discussion on the enhancements of 5G PCC for interworking in Rel-17**

*Type: discussion For: Approval  
 Source: Huawei*

**Discussion:**

Qualcomm:

Under “5GS-EPS interworking scenario”, exactly which resource modification are you referring to, and what exactly is not supported?

b) UE initiates a resource modification support

The UE-intiated resource modification is not supported when the UE establishes a PDN connection in the interworking scenario in TS 29.512.

Huawei: In current 29.512, we only support the UE uses the 5G-NAS to send the new packet filter and QoS requirement to request the QoS authorization and don’t support the UE uses the EPS-NAS to do that. But it is possible that UE request the QoS via the EPS-NAS.

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

**C3-212173 New WID on Rel-17 Enhancements of 5G PCC for interworking**

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

**Decision:** The document was **revised to C3-212363**.

**C3-212363 New WID on enhancement of 5G PCC related services in Rel-17**

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

(Replaces C3-212173)

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

**C3-212208 Discussion on work analysis for UASAPP**

*Type: discussion For: Discussion  
 Source: Huawei*

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

**C3-212213 CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS)**

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

**Decision:** The document was **revised to C3-212355**.

**C3-212355 CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS)**

*Type: WID new For: Endorsement  
 Source: Huawei*

(Replaces C3-212213)

**Decision:** The document was **revised to C3-212364**.

**C3-212364 CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS)**

*Type: WID new For: Endorsement  
 Source: Huawei*

(Replaces C3-212355)

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

**C3-212354 Revised WID on CT aspects of Enhanced application layer support for V2X services**

*Type: WID revised For: Approval  
 Source: Huawei, HiSilicon*

(Replaces CP-210273)

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

#### 17.1.2 Contributions on Work Items

**C3-212033 Skeleton of TS 29.xxx for 5G Application Function ProSe Service**

*Type: other For: Agreement  
 Source: CATT*

**Decision:** The document was **revised to C3-212446**.

**C3-212446 Skeleton of TS 29.xxx for 5G Application Function ProSe Service**

*Type: other For: Agreement  
 Source: CATT*

(Replaces C3-212033)

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

**C3-212034 Scope of TS 29.xxx for 5G Application Function ProSe Service**

*Type: other For: Agreement  
 Source: CATT*

**Decision:** The document was **revised to C3-212447**.

**C3-212447 Scope of TS 29.xxx for 5G Application Function ProSe Service**

*Type: other For: Agreement  
 Source: CATT*

(Replaces C3-212034)

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

**C3-212052 Adding some missing description fields to data type definitions in OpenAPI specification files of the CommonData API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0390 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212414**.

**C3-212414 Adding some missing description fields to data type definitions in OpenAPI specification files of the CommonData API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0390 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212052)

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

**C3-212053 Adding some missing description fields to data type definitions in OpenAPI specification files of the MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0391 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212054 Adding some missing description fields to data type definitions in OpenAPI specification files of the ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0392 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212415**.

**C3-212415 Adding some missing description fields to data type definitions in OpenAPI specification files of the ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0392 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212054)

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

**C3-212055 Adding some missing description fields to data type definitions in OpenAPI specification files of the ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0393 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212416**.

**C3-212416 Adding some missing description fields to data type definitions in OpenAPI specification files of the ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0393 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212055)

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

**C3-212056 Adding some missing description fields to data type definitions in OpenAPI specification files of the NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0394 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212417**.

**C3-212417 Adding some missing description fields to data type definitions in OpenAPI specification files of the NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0394 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212056)

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

**C3-212057 Adding some missing description fields to data type definitions in OpenAPI specification files of the DeviceTriggering API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0395 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212418**.

**C3-212418 Adding some missing description fields to data type definitions in OpenAPI specification files of the DeviceTriggering API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0395 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212057)

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

**C3-212058 Adding some missing description fields to data type definitions in OpenAPI specification files of the GMDViaMBMS APIs**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0396 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212419**.

**C3-212419 Adding some missing description fields to data type definitions in OpenAPI specification files of the GMDViaMBMS APIs**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0396 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212058)

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

**C3-212059 Adding some missing description fields to data type definitions in OpenAPI specification files of the ReportingNetworkStatus API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0397 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212420**.

**C3-212420 Adding some missing description fields to data type definitions in OpenAPI specification files of the ReportingNetworkStatus API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0397 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212059)

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

**C3-212060 Adding some missing description fields to data type definitions in OpenAPI specification files of the CpProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0398 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212421**.

**C3-212421 Adding some missing description fields to data type definitions in OpenAPI specification files of the CpProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0398 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212060)

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

**C3-212061 Adding some missing description fields to data type definitions in OpenAPI specification files of the PfdManagement API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0399 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212422**.

**C3-212422 Adding some missing description fields to data type definitions in OpenAPI specification files of the PfdManagement API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0399 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212061)

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

**C3-212062 Adding some missing description fields to data type definitions in OpenAPI specification files of the ECRControl API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0400 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212423**.

**C3-212423 Adding some missing description fields to data type definitions in OpenAPI specification files of the ECRControl API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0400 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212062)

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

**C3-212063 Adding some missing description fields to data type definitions in OpenAPI specification files of the NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0401 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212424**.

**C3-212424 Adding some missing description fields to data type definitions in OpenAPI specification files of the NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0401 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212063)

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

**C3-212064 Adding some missing description fields to data type definitions in OpenAPI specification files of the AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0402 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212425**.

**C3-212425 Adding some missing description fields to data type definitions in OpenAPI specification files of the AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0402 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212064)

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

**C3-212065 Adding some missing description fields to data type definitions in OpenAPI specification files of the MsisdnLessMoSms API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0403 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212426**.

**C3-212426 Adding some missing description fields to data type definitions in OpenAPI specification files of the MsisdnLessMoSms API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0403 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212065)

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

**C3-212066 Adding some missing description fields to data type definitions in OpenAPI specification files of the RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0404 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212427**.

**C3-212427 Adding some missing description fields to data type definitions in OpenAPI specification files of the RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0404 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212066)

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

**C3-212067 Removal of invalid unbreakable spaces is some attributes description in the GMDViaMBMS and ReportingNetworkStatus APIs**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0405 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212428**.

**C3-212428 Removal of invalid unbreakable spaces is some attributes description in the GMDViaMBMS and ReportingNetworkStatus APIs**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0405 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212067)

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

**C3-212068 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Discover\_Service\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0167 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212069 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Publish\_Service\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0168 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212070 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Events\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0169 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212071 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_API\_Invoker\_Management\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0170 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212072 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Security\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0171 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212073 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Access\_Control\_Policy\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0172 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212074 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Logging\_API\_Invocation\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0173 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212075 Adding some missing description fields to data type definitions in OpenAPI specification files of the AEF\_Security\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0174 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212076 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_API\_Provider\_Management\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0175 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212077 Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Routing\_Info\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0176 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212078 Missing data type in the CAPIF\_API\_Provider\_Management\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0177 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212079 Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0178 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212429**.

**C3-212429 Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0178 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212079)

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

**C3-212080 Missing data type in the CAPIF\_Security\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0179 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212081 Missing data types in the CAPIF\_Access\_Control\_Policy\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0180 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212082 Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0181 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212430**.

**C3-212430 Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0181 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212082)

**Decision:** The document was **revised to C3-212552**.

**C3-212552 Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0181 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212430)

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

**C3-212083 Removal of invalid characters in some description fields in CAPIF APIs**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0182 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212084 Adding some missing description fields to data type definitions in OpenAPI specification files of the TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0314 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212458**.

**C3-212458 Adding some missing description fields to data type definitions in OpenAPI specification files of the TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0314 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212084)

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

**C3-212085 Adding some missing description fields to data type definitions in OpenAPI specification files of the NiddConfigurationTrigger API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0315 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212459**.

**C3-212459 Adding some missing description fields to data type definitions in OpenAPI specification files of the NiddConfigurationTrigger API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0315 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212085)

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

**C3-212086 Adding some missing description fields to data type definitions in OpenAPI specification files of the AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0316 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212460**.

**C3-212460 Adding some missing description fields to data type definitions in OpenAPI specification files of the AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0316 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212086)

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

**C3-212087 Adding some missing description fields to data type definitions in OpenAPI specification files of the 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0317 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212461**.

**C3-212461 Adding some missing description fields to data type definitions in OpenAPI specification files of the 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0317 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212087)

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

**C3-212088 Adding some missing description fields to data type definitions in OpenAPI specification files of the ApplyingBdtPolicy API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0318 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212462**.

**C3-212462 Adding some missing description fields to data type definitions in OpenAPI specification files of the ApplyingBdtPolicy API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0318 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212088)

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

**C3-212089 Adding some missing description fields to data type definitions in OpenAPI specification files of the IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0319 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212463**.

**C3-212463 Adding some missing description fields to data type definitions in OpenAPI specification files of the IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0319 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212089)

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

**C3-212090 Adding some missing description fields to data type definitions in OpenAPI specification files of the LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0320 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212464**.

**C3-212464 Adding some missing description fields to data type definitions in OpenAPI specification files of the LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0320 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212090)

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

**C3-212091 Adding some missing description fields to data type definitions in OpenAPI specification files of the ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0321 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212465**.

**C3-212465 Adding some missing description fields to data type definitions in OpenAPI specification files of the ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0321 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212091)

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

**C3-212092 Adding some missing description fields to data type definitions in OpenAPI specification files of the ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0322 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212466**.

**C3-212466 Adding some missing description fields to data type definitions in OpenAPI specification files of the ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0322 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212092)

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

**C3-212093 Adding some missing description fields to data type definitions in OpenAPI specification files of the MoLcsNotify API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0323 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212467**.

**C3-212467 Adding some missing description fields to data type definitions in OpenAPI specification files of the MoLcsNotify API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0323 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212093)

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

**C3-212094 Adding some missing description fields to data type definitions in OpenAPI specification files of the AKMA API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0324 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212468**.

**C3-212468 Adding some missing description fields to data type definitions in OpenAPI specification files of the AKMA API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0324 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212094)

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

**C3-212095 Additional corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0021 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212469**.

**C3-212469 Additional corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0021 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212095)

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

**C3-212096 Correction of invalid characters in OpenAPI specification files**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0019 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212431**.

**C3-212431 Correction of invalid characters in OpenAPI specification files**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0019 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-212096)

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

**C3-212121 Support redirection for pure 4G SCEF northbound APIs**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0406 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212434 MonitoringEvent API: TAB and missing "description" fields**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0407 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212135)

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

**C3-212435 DiscoverService API: Unbreakable spaces and missing "description" field**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0186 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212136)

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

**C3-212436 PublishService API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0187 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212137)

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

**C3-212437 Events API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0188 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212138)

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

**C3-212438 InvokerManagement API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0189 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212139)

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

**C3-212439 Security API: Unbreakable space and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0190 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212140)

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

**C3-212440 AccessControlPolicy API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0191 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212141)

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

**C3-212441 LoggingAPIInvocation API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0192 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212142)

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

**C3-212442 Auditing API: Unbreakable spaces**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0193 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212143)

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

**C3-212443 AEFSecurity API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0194 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212144)

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

**C3-212444 API\_Provider\_Management API: Missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0195 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212145)

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

**C3-212445 RoutingInfo API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0196 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-212146)

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

### 17.2 Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2]

**C3-212018 Discussion on MPS for DTS**

*Type: discussion For: Discussion  
 Source: Perspecta Labs*

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

**C3-212019 29.212 MPS for DTS**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1700 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

**Decision:** The document was **revised to C3-212379**.

**C3-212379 29.212 MPS for DTS**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1700 rev 1 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212019)

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

**C3-212020 29.213 MPS for DTS**

*Type: CR For: Agreement  
 29.213 v16.3.0 CR-0743 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson*

**Decision:** The document was **revised to C3-212521**.

**C3-212521 29.213 MPS for DTS**

*Type: CR For: Agreement  
 29.213 v16.3.0 CR-0743 rev 1 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson*

(Replaces C3-212020)

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

**C3-212021 29.214 MPS for DTS**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1654 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

**Decision:** The document was **revised to C3-212381**.

**C3-212381 29.214 MPS for DTS**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1654 rev 1 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212021)

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

**C3-212022 29.512 PCC support for MPS for DTS**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0749 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

**Decision:** The document was **revised to C3-212380**.

**C3-212380 29.512 PCC support for MPS for DTS**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0749 rev 1 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212022)

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

**C3-212023 29.513 PCF control of MPS for DTS**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0257 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson*

**Decision:** The document was **revised to C3-212522**.

**C3-212522 29.513 PCF control of MPS for DTS**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0257 rev 1 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson*

(Replaces C3-212023)

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

**C3-212024 29.514 AF Session for control of MPS for DTS**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0293 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

**Decision:** The document was **revised to C3-212382**.

**C3-212382 29.514 AF Session for control of MPS for DTS**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0293 rev 1 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212024)

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

### 17.3 PFD Management Enhancement [pfdManEnh]

**C3-212174 Response of partial pull**

*Type: CR For: Agreement  
 29.251 v17.1.0 CR-0034 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212366**.

**C3-212366 Response of partial pull**

*Type: CR For: Agreement  
 29.251 v17.1.0 CR-0034 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212174)

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

### 17.4 Service Based Interface Protocol Improvements Release 17 [SBIProtoc17]

**C3-212448 Adding a missing description field to data type definitions in OpenAPI specification files of the Naanf\_AKMA API**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0001 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212097)

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

**C3-212132 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0272 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212432**.

**C3-212432 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0272 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212132)

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

**C3-212133 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0103 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212433**.

**C3-212433 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0103 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212133)

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

**C3-212134 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0048 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-212135 MonitoringEvent API: TAB and missing "description" fields**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0407 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212434**.

**C3-212136 DiscoverService API: Unbreakable spaces and missing "description" field**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0186 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212435**.

**C3-212137 PublishService API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0187 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212436**.

**C3-212138 Events API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0188 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212437**.

**C3-212139 InvokerManagement API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0189 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212438**.

**C3-212140 Security API: Unbreakable space and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0190 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212439**.

**C3-212141 AccessControlPolicy API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0191 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212440**.

**C3-212142 LoggingAPIInvocation API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0192 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212441**.

**C3-212143 Auditing API: Unbreakable spaces**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0193 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212442**.

**C3-212144 AEFSecurity API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0194 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212443**.

**C3-212145 API\_Provider\_Management API: Missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0195 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212444**.

**C3-212146 RoutingInfo API: Unbreakable spaces and missing "description" fields**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0196 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212445**.

**C3-212147 LocationReporting API: Removal of unbreakable spaces**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0020 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-212148 GroupManagement API: Removal of unbreakable spaces**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0021 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-212150 Control of Multiple PRA reports**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Discussion:**

Use a CT3/CT4 thread:

[CT3/CT4] [SBIProtoc17][DP] [C3-212150/C4-212385] [Discussion Control of multiple PRA reports]

Nokia: These proposed functional changes and potential new requirements (affecting CT3 and CT4 APIs) should be discussed in SA2.

Huawei: We share the same opinion as Nokia.

Ericsson: Our intention with the DP was to gather the feedback CT might have on the indicated topic, i.e., if there is an agreement in the identified problem and the related aspects CT would solve. The proposed solution as such was included more as an example, to provide a starting point for the discussion.

The discussion in the DP does not intend to include functional changes on the report of UE presence in a PRA, from the point of view that there is no enhancement to the SA2 specified functionality, in the definition of the feature, since the same kind of reports can be requested/generated, without changing the existing architecture or the interaction model between NFs.

The discussion intends to focus on the optimization of the interface(s) (PCF-SMF, PCF-AMF, and SMF-AMF) to avoid the increase of signaling that has been observed occurs when the UE is moving across the borders of the cells that delimit, e.g. the PRA.

From that point of view, we considered that the discussion could be under stage 3 responsibility and tackled in CT, of course, if you share the understanding that these kind of optimizations could be tackled in this group.

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

### 17.5 IMS Stage-3 IETF Protocol Alignment [IMSProtoc17]

### 17.6 Study on enhanced IMS to 5GC Integration Phase 2 [FS\_eIMS5G2]

### 17.7 Authentication and key management for applications based on 3GPP credential in 5G [AKMA-CT]

**C3-212097 Adding some missing description fields to data type definitions in OpenAPI specification files of the Naanf\_AKMA API**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0001 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212448**.

**C3-212098 Missing data type in the Naanf\_AKMA Service API Data Types tables**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0002 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212553**.

**C3-212553 Missing data type in the Naanf\_AKMA Service API Data Types tables**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0002 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, ZTE*

(Replaces C3-212098)

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

**C3-212251 Correction of TS title for 29.535 in references**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0330 Cat: F (Rel-17)  
  
 Source: ZTE*

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

**C3-212252 Adding Clause 5.1.4.3.1**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0003 Cat: F (Rel-17)  
  
 Source: ZTE*

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

**C3-212253 Complete specific Data Types table**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0004 Cat: F (Rel-17)  
  
 Source: ZTE*

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

**C3-212254 Custom operation URI**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0005 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212449**.

**C3-212449 Custom operation URI**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0005 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE, Ericsson*

(Replaces C3-212254)

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

**C3-212255 Terminology alignment of AKMA Application Key information**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0006 Cat: F (Rel-17)  
  
 Source: ZTE*

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

### 17.8 CT aspects on PAP/CHAP protocols usage in 5GS [PAP/CHAP]

### 17.9 CT aspects for enabling Edge Applications [EDGEAPP]

**C3-212263 EDGEAPP - Workplan**

*Type: Work Plan For: Information  
 Source: Samsung Electronics Iberia SA*

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

**C3-212264 Pseudo-CR on Update to Terms and Abbreviations**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

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

**C3-212265 Pseudo-CR on Correction to EAS and EES identifiers in Registration APIs**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

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

**C3-212266 Pseudo-CR on Eees\_UELocation Service description**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-212367**.

**C3-212367 Pseudo-CR on Eees\_UELocation Service description**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-212266)

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

**C3-212267 Pseudo-CR on Eees\_UELocation API definition**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-212368**.

**C3-212368 Pseudo-CR on Eees\_UELocation API definition**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-212267)

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

**C3-212268 Pseudo-CR on Eees\_UEIdentifier Service description**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-212369**.

**C3-212369 Pseudo-CR on Eees\_UEIdentifier Service description**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-212268)

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

**C3-212269 Pseudo-CR on Eees\_UEIdentifier API definition**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-212370**.

**C3-212370 Pseudo-CR on Eees\_UEIdentifier API definition**

*Type: pCR For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-212269)

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

**C3-212520 TS 29.558 v0.3.0**

*Type: draft TS For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

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

**C3-212554 LS on Clarification on the API design principles**

*Type: LS out For: Approval  
 to CT4, cc CT1, SA4, SA5  
 Source: Samsung Electronics Iberia SA*

**Discussion:**

Qualcomm: What I am missing in the draft is the reason why we are not clear about the issue? We had long discussions on this, but do we have any agreeable concern on using GET for the case mentioned, which we can include to clarify the draft? I think if there is no agreeable concern to add, we can still send the LS, but the question becomes a bit vague then.

Samsung: To my understanding, as per some companies, the reason to use custom (POST) operation against GET, is that EES does additional processing (like fetching from 3GPP core network services) to respond to EAS with UE location information. But such a criteria is not clear in TS 29.501, hence the LS. The concern raised to use GET is that, it is not a simple information retrieval procedure, but additional processing is done at EES, which may alter the state of local cache.

Let me know if this is not clear or you have any suggestions.

Ericsson: For Question 3) Can a resource be associated only with custom operation?

Wonder why should this Question be raised, seems not clear.

Upon Q2, prefer change to a more clear Question 3) What is the criteria to use customer operation with resource ?

Samsung: As discussed in the conference call yesterday, Question 3 is specifically to clarify Huawei’s concern on whether a resource can exist with only a custom operation.

Regarding question 2, my understanding is, being RESTful APIs, we should define resources and the operations (CRUD, Custom) on them. Hence, for RESTful APIs, we need clarity on when to use custom operation without resources.

Huawei: For ‘for RESTful APIs, we need clarity on when to use custom operation without resources’ , my understanding is that if the custom operation is used, then not Restful API but RPC API, right?

Please find further comments on r2:

- reword Question 1) to ‘Which HTTP method (a standard HTTP GET or a custom HTTP POST) should be used for the NF service consumer to retrieve information from the service producer in above scenario?’;

- Reword question 2) to ‘If a custom operation is used, then what is the criteria to decide whether associated resource is needed or not?’;

- Remove ‘CT3 requests CT4 to update their specification TS 29.501 accordingly with the clarification to the Questions above. ’ from section 1 Overall description;

- In the section 2, reword to ‘CT3 kindly asks CT4 to answer the above questions and update their specification(s) if needed.’

Question 3 is also unclear to us, we consider that question 2 is good enough. Hence, suggest to remove question 3.

Ericsson: then suggest to directly use the wording in Question 3) Whether a resource can exist with only a custom operation?

Samsung makes r3 available.

Revision 3 contains the following:

All the comments from Huawei, except for question 3 are incorporated.

Regarding Question 3, as suggested by Ericsson and since the question is very specific to the concern raised, we prefer to keep it. Question 2 is generic clarification on the criteria.

O hope this is OK for Huawei. OR, please suggest any alternate text.

Huawei: But question 3) Can a resource be associated only with custom operation? In r3 is not exactly the question as Ericsson suggested. Right?

And question 2 already covers question 3 as I know, since we agree as question 2 that custom operation can be designed with resource or without resource.

But if the majority prefer to ask Question 3, then I am also fine.

Please reword it to: Whether a resource can be associated only with a custom operation?

Samsung: R4 is made available:

 Updated question 3.

 Updated title to “LS on Clarification on the API design principles”.

To Chair: since the LS is no more specific to query operation, the LS title can be generalized to “LS on Clarification on the API design principles”.

Huawei is fine with the title and with r4.

Ericsson: I’m also general fine with r4, just to see whether “fetch” scope to be clarified.

Since upon our internal discussion, we have some consideration on “resource” needs mainly on the “fetch” model between EES and 5GC NF,

if the “fetch” model is limited to only request/response without subscription seems fine without resource,

If the “fetch” model including subscription/notification, then resource is needed.

Samsung to Ericsson: Let us discuss this further based on response from CT4.

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

### 17.10 Reliable Data Service Serialization Indication [RDSSI]

### 17.11 CT aspects on Dynamically Changing AM Policies in the 5GC [TEI17\_DCAMP]

**C3-212031 Work Plan for TEI17\_DCAMP WI**

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

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

**C3-212108 Support of notifications of SAR changes**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0046 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212406**.

**C3-212406 Support of notifications of SAR changes**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0046 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212108)

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

**C3-212109 Discussion on Access and Mobility Policy Authorization service**

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

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

**C3-212111 TS skeleton for Access and Mobility Policy Authorization service specification**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

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

**C3-212122 Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0294 Cat: B (Rel-17)  
  
 Source: China Telecommunications, Ericsson*

**Decision:** The document was **revised to C3-212407**.

**C3-212407 Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0294 rev 1 Cat: B (Rel-17)  
  
 Source: China Telecommunications, Ericsson*

(Replaces C3-212122)

**Decision:** The document was **revised to C3-212591**.

**C3-212591 Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0294 rev 2 Cat: B (Rel-17)  
  
 Source: China Telecommunications, Ericsson*

(Replaces C3-212407)

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

**C3-212125 Enabling Dynamic Changes of AM Policies in AMPolicyControl**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0166 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Enabling Dynamic Changes of AM Policies in AMPolicyControl

**Decision:** The document was **revised to C3-212408**.

**C3-212408 Enabling Dynamic Changes of AM Policies in AMPolicyControl**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0166 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212125)

**Decision:** The document was **revised to C3-212598**.

**C3-212598 Enabling Dynamic Changes of AM Policies in AMPolicyControl**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0166 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212408)

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

**C3-212126 Application Detection triggering for dynamic AM policy changes**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0752 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Application Detection triggering for dynamic AM policy changes

**Decision:** The document was **revised to C3-212409**.

**C3-212409 Application Detection triggering for dynamic AM policy changes**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0752 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212126)

**Decision:** The document was **revised to C3-212599**.

**C3-212599 Application Detection triggering for dynamic AM policy changes**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0752 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212409)

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

**C3-212149 Support of subscription to application detection notification for a PDU session**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0295 Cat: B (Rel-17)  
  
 Source: Ericsson, China Telecom*

**Decision:** The document was **revised to C3-212410**.

**C3-212410 Support of subscription to application detection notification for a PDU session**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0295 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-212149)

**Decision:** The document was **revised to C3-212590**.

**C3-212590 Support of subscription to application detection notification for a PDU session**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0295 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-212410)

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

**C3-212292 Pseudo-CR on Scope of TS**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212411**.

**C3-212411 Pseudo-CR on Scope of TS**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212292)

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

**C3-212295 Pseudo-CR on Overview of the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212562**.

**C3-212562 Pseudo-CR on Overview of the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212295)

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

**C3-212299 Pseudo-CR on architecture aspects of the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212515**.

**C3-212515 Pseudo-CR on architecture aspects of the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212299)

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

**C3-212300 Pseudo-CR on Description of NF service consumers and PCF**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212516**.

**C3-212516 Pseudo-CR on Description of NF service consumers and PCF**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212300)

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

**C3-212302 Pseudo-CR on Npcf\_AMPolicyAuthorization Service Operations**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212517**.

**C3-212517 Pseudo-CR on Npcf\_AMPolicyAuthorization Service Operations**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212302)

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

**C3-212303 Pseudo-CR on API Name and Version of the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

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

**C3-212305 Pseudo-CR on Resource Structure**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212412**.

**C3-212412 Pseudo-CR on Resource Structure**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212305)

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

**C3-212306 Pseudo-CR on HTTP usage by the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

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

**C3-212307 Pseudo-CR on Notifications for the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212518**.

**C3-212518 Pseudo-CR on Notifications for the Npcf\_AMPolicyAuthorization service**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212307)

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

**C3-212308 Pseudo-CR on Error handling, Feature negotiation and Security**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

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

**C3-212309 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Create service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212413**.

**C3-212413 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Create service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212309)

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

**C3-212314 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Update service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212555**.

**C3-212555 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Update service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212314)

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

**C3-212315 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Delete service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212556**.

**C3-212556 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Delete service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212315)

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

**C3-212316 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Subscribe service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212557**.

**C3-212557 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Subscribe service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212316)

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

**C3-212317 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Unsubscribe service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212558**.

**C3-212558 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Unsubscribe service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212317)

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

**C3-212318 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Notfiy service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212559**.

**C3-212559 Pseudo-CR on Npcf\_AMPolicyAuthorization\_Notfiy service operation**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212318)

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

**C3-212319 Pseudo-CR on Data model for the Npcf\_AMPolicyAuthorization API**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212560**.

**C3-212560 Pseudo-CR on Data model for the Npcf\_AMPolicyAuthorization API**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212319)

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

**C3-212320 Pseudo-CR on OpenAPI file**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212561**.

**C3-212561 Pseudo-CR on OpenAPI file**

*Type: pCR For: Approval  
 29.534 v0.0.0  
 Source: Ericsson*

(Replaces C3-212320)

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

**C3-212565 TS 29.534 v0.1.0**

*Type: draft TS For: Approval  
 29.534 v0.1.0  
 Source: Ericsson*

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

### 17.12 N7 Interfaces Enhancements to Support GERAN and UTRAN [TEI17\_NIESGU-CT]

**C3-212352 Support of event trigger for GERAN and UTRAN access over N7 interface**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0772 Cat: B (Rel-17)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-212502**.

**C3-212502 Support of event trigger for GERAN and UTRAN access over N7 interface**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0772 rev 1 Cat: B (Rel-17)  
  
 Source: China Mobile Com. Corporation*

(Replaces C3-212352)

**Decision:** The document was **revised to C3-212575**.

**C3-212575 Support of event trigger for GERAN and UTRAN access over N7 interface**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0772 rev 2 Cat: B (Rel-17)  
  
 Source: China Mobile Com. Corporation*

(Replaces C3-212502)

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

### 17.13 CT aspects on Dynamic Management of Group-based Event Monitoring [TEI17\_GEM-CT]

### 17.14 CT aspects on Same PCF Selection for AMF and SMF [TEI17\_SPSFAS-CT]

**C3-212123 Supporting the same PCF selection for AMF and SMF in 5GS scenario**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0259 Cat: B (Rel-17)  
  
 Source: China Telecommunications*

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

**C3-212124 Supporting the same PCF selection for AMF and SMF in the EPS to 5GS mobility scenario**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0260 Cat: B (Rel-17)  
  
 Source: China Telecommunications*

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

**C3-212175 Selecting the same PCF for AMF and SMF**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0263 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212383**.

**C3-212383 Selecting the same PCF for AMF and SMF**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0263 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

(Replaces C3-212175)

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

### 17.15 CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 [ATSSS\_Ph2-CT]

### 17.16 CT aspects of support of enhanced Industrial IoT [IIoT-CT]

**C3-212176 Support Time Sensing Communication other than TSN**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0760 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212454**.

**C3-212454 Support Time Sensing Communication other than TSN**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0760 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212176)

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

**C3-212177 Support Time Sensing Communication other than TSN**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0296 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212455**.

**C3-212455 Support Time Sensing Communication other than TSN**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0296 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212177)

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

**C3-212178 Support survival time**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0761 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212456**.

**C3-212456 Support survival time**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0761 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212178)

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

**C3-212179 Support survival time**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0297 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212457**.

**C3-212457 Support survival time**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0297 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212179)

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

**C3-212180 Support Time Sensitive Communication**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0408 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212371**.

**C3-212371 Support Time Sensitive Communication**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0408 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212180)

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

**C3-212181 Support Time Sensitive Communication**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0326 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212372**.

**C3-212372 Support Time Sensitive Communication**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0326 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212181)

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

**C3-212182 Support time synchronization**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0762 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212183 Support time synchronization**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0298 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212184 The procedure of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0327 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212373**.

**C3-212373 The procedure of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0327 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212184)

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

**C3-212185 The resource and methods of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0328 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212374**.

**C3-212374 The resource and methods of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0328 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212185)

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

**C3-212186 The OpenAPI file of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0329 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212375**.

**C3-212375 The OpenAPI file of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0329 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212186)

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

**C3-212261 Status and work plan for IIoT**

*Type: Work Plan For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

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

### 17.17 CT aspects of Enhanced support of Non-Public Networks [eNPN-CT]

### 17.18 Enhancement of Network Slicing Phase 2 [eNS\_Ph2]

### 17.19 CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking [ID\_UAS]

**C3-212212 ID\_UAS CT4 Work plan**

*Type: Work Plan For: Information  
 Source: Qualcomm Incorporated*

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

### 17.20 CT Aspects of 5G eEDGE [eEDGE\_5GC]

**C3-212117 CT3 work plan for eEDGE\_5GC WI**

*Type: Work Plan For: Information  
 Source: Huawei*

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

**C3-212187 Add user plane lantecy requirement in PCC rule**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0763 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212384**.

**C3-212384 Add user plane lantecy requirement in PCC rule**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0763 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212187)

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

**C3-212257 Procedures for ECS address provisioning**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0331 Cat: B (Rel-17)  
  
 Source: Huawei*

**Discussion:**

CT3 considers there is no need to refer to CT4 CRs in the coversheet.

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

**C3-212258 API definition for ECS address provisioning**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0332 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212259 Support of User Plane Latency requirement**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0333 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212377**.

**C3-212377 Support of User Plane Latency requirement**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0333 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212259)

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

**C3-212260 Support of User Plane Latency requirement**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0254 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212387**.

**C3-212387 Support of User Plane Latency requirement**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0254 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212260)

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

### 17.21 Enhancement to the 5GC Location Services - Phase 2 [5G\_eLCS\_ph2]

### 17.22 CT aspects of proximity based services in 5GS [5G\_ProSe]

**C3-212035 AF-based ProSe service parameter provisioning**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0313 Cat: B (Rel-17)  
  
 Source: CATT*

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

**C3-212102 5G ProSe related updates to PCC procedures**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0258 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212385**.

**C3-212385 5G ProSe related updates to PCC procedures**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0258 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212102)

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

**C3-212103 5G ProSe related updates to Nudr**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0253 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212563**.

**C3-212563 5G ProSe related updates to Nudr**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0253 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212103)

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

**C3-212104 5G ProSe related updates to the Nnef\_ServiceParameter Service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0325 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212378**.

**C3-212378 5G ProSe related updates to the Nnef\_ServiceParameter Service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0325 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-212104)

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

**C3-212105 5G ProSe related updates to the Npcf\_UEPolicyControl Service**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0153 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212386**.

**C3-212386 5G ProSe related updates to the Npcf\_UEPolicyControl Service**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0153 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212105)

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

### 17.23 Enablers for Network Automation for 5G - phase 2 [eNA\_Ph2]

**C3-212048 Work Plan of eNA\_Ph2**

*Type: discussion For: Discussion  
 Source: China Mobile Com. Corporation, Huawei*

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

**C3-212118 Skeleton of TS 29.552 v0.0.0**

*Type: TS or TR cover For: Agreement  
 29.552 v..  
 Source: Huawei*

**Decision:** The document was **revised to C3-212388**.

**C3-212388 Skeleton of TS 29.552 v0.0.0**

*Type: TS or TR cover For: Agreement  
 29.552 v..  
 Source: Huawei*

(Replaces C3-212118)

**Decision:** The document was **revised to C3-212567**.

**C3-212567 Skeleton of TS 29.552 v0.0.0**

*Type: TS or TR cover For: Agreement  
 29.552 v..  
 Source: Huawei*

(Replaces C3-212388)

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

**C3-212119 Scope clause of TS 29.552**

*Type: pCR For: Approval  
 29.552 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to C3-212389**.

**C3-212389 Scope clause of TS 29.552**

*Type: pCR For: Approval  
 29.552 v0.0.0  
 Source: Huawei*

(Replaces C3-212119)

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

**C3-212120 Abbreviation clause of TS 29.552**

*Type: pCR For: Approval  
 29.552 v0.0.0  
 Source: Huawei*

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

**C3-212127 Partitioning criteria for applying sampling in specific UE partitions in SMF exposure**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0131 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Partitioning criteria for applying sampling in specific UE partitions in SMF exposure

**Decision:** The document was **revised to C3-212390**.

**C3-212390 Partitioning criteria for applying sampling in specific UE partitions in SMF exposure**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0131 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212127)

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

**C3-212128 Partitioning criteria for applying sampling in specific UE partitions in PCF exposure**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0047 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Partitioning criteria for applying sampling in specific UE partitions in PCF exposure

**Decision:** The document was **revised to C3-212391**.

**C3-212391 Partitioning criteria for applying sampling in specific UE partitions in PCF exposure**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0047 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212128)

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

**C3-212129 Partitioning criteria for applying sampling in specific UE partitions in AF exposure**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0039 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Partitioning criteria for applying sampling in specific UE partitions in AF exposure

**Decision:** The document was **revised to C3-212392**.

**C3-212392 Partitioning criteria for applying sampling in specific UE partitions in AF exposure**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0039 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212129)

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

**C3-212130 Adding time when analytics needed and revised time to analytics subscriptions**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0270 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding time when analytics needed and revised time to analytics subscriptions

**Decision:** The document was **revised to C3-212393**.

**C3-212393 Adding time when analytics needed and revised time to analytics subscriptions**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0270 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei*

(Replaces C3-212130)

**Decision:** The document was **revised to C3-212596**.

**C3-212596 Adding time when analytics needed and revised time to analytics subscriptions**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0270 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei*

(Replaces C3-212393)

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

**C3-212131 Adding NWDAF as NWDAF services consumer due to analytics aggregation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0271 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Adding NWDAF as NWDAF services consumer due to analytics aggregation

**Decision:** The document was **revised to C3-212394**.

**C3-212394 Adding NWDAF as NWDAF services consumer due to analytics aggregation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0271 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212131)

**Decision:** The document was **revised to C3-212597**.

**C3-212597 Adding NWDAF as NWDAF services consumer due to analytics aggregation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0271 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-212394)

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

**C3-212310 Support of Mute reporting**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0049 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212395**.

**C3-212395 Support of Mute reporting**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0049 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212310)

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

**C3-212311 Support of Mute reporting**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0132 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212396**.

**C3-212396 Support of Mute reporting**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0132 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212311)

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

**C3-212312 Support of Mute reporting**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0043 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212313 Support of Mute reporting**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0040 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212323 Service introduction for Nnwdaf\_DataManagement**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0288 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Discussion:**

Ericsson: In reason for change, please specify the exact TS and clause of stage 2, and remove the extra “the” in 2323.

Huawei makes r1 available.

Ericsson is fine with r1.

Nokia: Shouldn’t the “Initiated by” column be written as “NF service consumer (e.g. XXX)” instead of listing the NFs?

Huawei makes r2 available.

Nokia: I am fine with r2, but the change in 2323 is not needed because “example” is in the column title, while in 2324 I think that “e.g.” is needed inside the parentheses.

Huawei: It would better to give all the exampled consumers in the column, to avoid misunderstanding.

And the way used here fully align with other SBI TSs, e.g. TS 29.517, 29.512 etc. But also some other TSs include the ‘e.g.’, I think both ways are fine, since the example is indicated already as the column title. But I am open.

Hope that clarifies.

CT3 agrees to have a list of NF service consumers in the “example consumers” column. It is not a requirement to keep it updated. These changes are non-FASMO.

**Decision:** The document was **revised to C3-212397**.

**C3-212397 Service introduction for Nnwdaf\_DataManagement**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0288 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-212323)

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

**C3-212324 Service operations for Nnwdaf\_DataManagement**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0289 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Discussion:**

CT3 agrees to list the exact list of applicable NF service consumers in the “Initiated by” column. Changes in this column are considered FASMO.

**Decision:** The document was **revised to C3-212398**.

**C3-212398 Service operations for Nnwdaf\_DataManagement**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0289 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-212324)

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

**C3-212325 Nnwdaf\_DataManagement Service API**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0290 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-212399**.

**C3-212399 Nnwdaf\_DataManagement Service API**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0290 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-212325)

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

**C3-212326 Service introduction for Nnwdaf\_MLModelProvision**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0291 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-212400**.

**C3-212400 Service introduction for Nnwdaf\_MLModelProvision**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0291 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-212326)

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

**C3-212327 Service operations for Nnwdaf\_MLModelProvision**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0292 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-212401**.

**C3-212401 Service operations for Nnwdaf\_MLModelProvision**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0292 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-212327)

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

**C3-212328 Nnwdaf\_MLModelProvision Service API**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0293 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-212402**.

**C3-212402 Nnwdaf\_MLModelProvision Service API**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0293 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-212328)

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

**C3-212329 Clean up of Network Data Analysis procedures**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0264 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212403**.

**C3-212403 Clean up of Network Data Analysis procedures**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0264 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212329)

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

**C3-212356 Partitioning criteria for applying sampling in specific UE partitions in NEF event exposure**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0044 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-212357 Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0294 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-212566 TS 29.552 v0.1.0**

*Type: draft TS For: Approval  
 29.552 v0.1.0  
 Source: Huawei*

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

### 17.24 BEst Practice of PFCP [BEPoP]

**C3-212343 LS reply on the support of L2TP with CUPS**

*Type: LS out For: Approval  
 to SA2, CT4, cc SA3, CT1  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212569**.

**C3-212569 LS reply on the support of L2TP with CUPS**

*Type: LS out For: Approval  
 to SA2, CT4, cc SA3, CT1  
 Source: Ericsson*

(Replaces C3-212343)

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

**C3-212345 Updates to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0536 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212488**.

**C3-212488 Updates to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0536 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212345)

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

**C3-212346 Updates to support L2TP in RADIUS message flow**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0537 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-212347 Updates to support L2TP in Diameter message flow**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0538 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-212348 Updates to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0107 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-212349 Updates to support L2TP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0108 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-212350 Updates to support L2TP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0109 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

### 17.25 CT aspects of 5GC architecture for satellite networks [5GSAT\_ARCH-CT]

**C3-212211 Satellite backhaul change policy control request trigger**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0681 rev 1 Cat: B (Rel-17)  
  
 Source: Qualcomm Incorporated*

(Replaces C3-210261)

**Decision:** The document was **revised to C3-212507**.

**C3-212507 Satellite backhaul change policy control request trigger**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0681 rev 2 Cat: B (Rel-17)  
  
 Source: Qualcomm Incorporated, Ericsson*

(Replaces C3-212211)

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

### 17.26 CT aspects of Enhanced application layer support for V2X services [eV2XAPP-CT]

**C3-212188 Support Local MBMS**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0022 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212450**.

**C3-212450 Support Local MBMS**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0022 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212188)

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

**C3-212189 Introduction of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0023 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212451**.

**C3-212451 Introduction of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0023 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212189)

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

**C3-212190 Procedure of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0024 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212452**.

**C3-212452 Procedure of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0024 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212190)

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

**C3-212191 Resources and methods of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0025 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212453**.

**C3-212453 Resources and methods of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0025 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212191)

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

**C3-212192 OpenAPI file of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0026 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212564**.

**C3-212564 OpenAPI file of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0026 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212192)

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

### 17.27 CT aspects on support for Signed Attestation for Priority and Emergency Sessions [TEI17\_SAPES]

### 17.28 Technical Enhancements and Improvements [TEI17]

#### 17.28.1 TEI17 for IMS/CS

**C3-212151 Addition of missing abbreviations.**

*Type: CR For: Agreement  
 29.163 v17.0.0 CR-1076 Cat: F (Rel-17)  
  
 Source: NTT corporation*

**Decision:** The document was **revised to C3-212472**.

**C3-212472 Addition of missing abbreviations.**

*Type: CR For: Agreement  
 29.163 v17.0.0 CR-1076 rev 1 Cat: F (Rel-17)  
  
 Source: NTT corporation*

(Replaces C3-212151)

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

**C3-212262 IMS data channel at the II-NNI**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1024 Cat: B (Rel-17)  
  
 Source: Huawei, HiSilicon / Bill*

**Decision:** The document was **revised to C3-212470**.

#### 17.28.2 TEI17 for Packet Core

**C3-212531 Correction of AaaUsage**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0310 rev 1 Cat: D (Rel-17)  
  
 Source: KDDI*

(Replaces C3-212026)

**Decision:** The document was **revised to C3-212602**.

**C3-212602 Correction of AaaUsage**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0310 rev 2 Cat: D (Rel-17)  
  
 Source: KDDI*

(Replaces C3-212531)

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

**C3-212533 Correction of AccessRightStatus**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0312 rev 1 Cat: D (Rel-17)  
  
 Source: KDDI*

(Replaces C3-212028)

**Decision:** The document was **revised to C3-212603**.

**C3-212603 Correction of AccessRightStatus**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0312 rev 2 Cat: D (Rel-17)  
  
 Source: KDDI*

(Replaces C3-212533)

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

**C3-212605 Correction to Charging Information**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0250 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212037)

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

**C3-212051 Correction to OSD handling**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0252 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212503**.

**C3-212503 Correction to OSD handling**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0252 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212051)

**Decision:** The document was **revised to C3-212568**.

**C3-212568 Correction to OSD handling**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0252 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212503)

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

**C3-212107 Correction to Netloc-Untrusted-WLAN**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1655 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-212604 Correction to Charging Information**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0751 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212113)

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

**C3-212540 Correction to access network info report**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0759 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212169)

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

**C3-212193 Correct the subclause number of reference**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0027 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212194 Correction to policy control request trigger**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0764 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212195 Correction to usage monitoring for Non-3GPP**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0765 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212504**.

**C3-212504 Correction to usage monitoring for Non-3GPP**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0765 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212195)

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

**C3-212196 GCI report**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0167 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212197 GCI report**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0299 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212198 GCI report**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0154 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212199 GLI report**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0168 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212571**.

**C3-212571 GLI report**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0168 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212199)

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

**C3-212200 GLI report**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0155 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212572**.

**C3-212572 GLI report**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0155 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212200)

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

**C3-212201 Clarifiction of PCF Requested Usage Report**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1701 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212573**.

**C3-212573 Clarifiction of PCF Requested Usage Report**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1701 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212201)

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

**C3-212202 Clarifiction of PCF Requested Usage Report**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0766 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212574**.

**C3-212574 Clarifiction of PCF Requested Usage Report**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0766 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212202)

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

**C3-212203 Correct the disabling usage monitoring**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0767 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212505**.

**C3-212505 Correct the disabling usage monitoring**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0767 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212203)

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

**C3-212204 Eroror handling for the deferred rule**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1702 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-212205 Correct the Redundant PDU Session indication**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0768 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-212206 Correct the offline charging only**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0769 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212506**.

**C3-212506 Correct the offline charging only**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0769 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212206)

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

**C3-212207 Clarification of accouting for the interworking scenario**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0097 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-212479**.

**C3-212479 Clarification of accouting for the interworking scenario**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0097 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-212207)

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

**C3-212495 Termination of Downlink Message Delivery procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0041 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212227)

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

**C3-212497 Termination of File Distribution procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0043 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212229)

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

**C3-212498 Termination of Network Resource Reservation procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0045 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212231)

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

**C3-212256 Common default HTTP response**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0048 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-212480**.

**C3-212480 Common default HTTP response**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0048 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212256)

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

**C3-212274 Updates 5GS interwroking with EPS for EAP based re-auth in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0102 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212570**.

**C3-212570 Updates 5GS interwroking with EPS for EAP based re-auth in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0102 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212274)

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

**C3-212286 Correction to UserPlaneEvent applicability in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0334 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-212606**.

**C3-212606 Correction to UserPlaneEvent applicability in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0334 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212286)

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

**C3-212291 Updates to AF Application Identifier in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0341 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211340)

**Decision:** The document was **revised to C3-212481**.

**C3-212481 Updates to AF Application Identifier in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0341 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212291)

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

**C3-212293 Updates to AF Application Identifier in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0342 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211341)

**Decision:** The document was **revised to C3-212482**.

**C3-212482 Updates to AF Application Identifier in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0342 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson, AT&T*

(Replaces C3-212293)

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

**C3-212294 Update DNN and S-NSSAI in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0347 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211350)

**Decision:** The document was **revised to C3-212483**.

**C3-212483 Update DNN and S-NSSAI in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0347 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212294)

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

**C3-212296 Update DNN and S-NSSAI in ChargeableParty procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0270 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211351)

**Decision:** The document was **revised to C3-212484**.

**C3-212484 Update DNN and S-NSSAI in ChargeableParty procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0270 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212296)

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

**C3-212297 Update DNN and S-NSSAI in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0348 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211352)

**Decision:** The document was **revised to C3-212485**.

**C3-212485 Update DNN and S-NSSAI in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0348 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212297)

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

**C3-212298 Update DNN and S-NSSAI in AsSessionWithQoS API procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0271 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211354)

**Decision:** The document was **revised to C3-212486**.

**C3-212486 Update DNN and S-NSSAI in AsSessionWithQoS API procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0271 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212298)

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

**C3-212301 Complete AAA triggered re-authentication flow for Diameter**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0106 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-212304 Editorial fix**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0534 Cat: D (Rel-17)  
  
 Source: Ericsson*

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

**C3-212344 Updates to support CUPS**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0535 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-212501 Termination of Dynamic Group Configuration procedure procedure**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0049 Cat: F (Rel-17)  
  
 Source: ZTE*

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

### 17.29 OpenAPI version updates

### 17.30 Inclusive language in TSs & TRs

## 18 Work Organisation

### 18.1 Work Plan Review

**C3-212012 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

**Decision:** The document was **revised to C3-212592**.

**C3-212592 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

(Replaces C3-212012)

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

**C3-212015 WI status report from MCC**

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

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

### 18.2 Specification Review

### 18.3 Next meetings, allocation of hosts

### 18.4 Calendar

**C3-212016 Meeting Calendar**

*Type: other For: Information  
 Source: MCC*

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

## 19 Joint Sessions

## 20 Summary of results

## 21 Any other business

**C3-212376 Void**

*Type: other For: -  
 Source: MCC*

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

**C3-212487 Void**

*Type: other For: -  
 Source: mcc*

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

## 22 Closing of the meeting

Report prepared by: Hao Jing

## Annex A: Contribution documents and status

### A1: List of TDocs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| C3-212000 | Draft Agenda for the CT3#115 e-Meeting | CT3 chairman | noted |  |  |
| C3-212001 | INFO Proposed Schedule for CT3#115e | CT3 chairman | noted |  |  |
| C3-212002 | Allocation of documents to agenda items (at Deadline) | CT3 chairman | noted |  |  |
| C3-212003 | Allocation of documents to agenda items (Start of Day 1) | CT3 chairman | noted |  |  |
| C3-212004 | Allocation of documents to agenda items (Start of Day 2) | CT3 chairman | noted |  |  |
| C3-212005 | Allocation of documents to agenda items (Start of Day 3) | CT3 chairman | noted |  |  |
| C3-212006 | Allocation of documents to agenda items (Start of Day 4) | CT3 chairman | noted |  |  |
| C3-212007 | Allocation of documents to agenda items (Start of Day 5) | CT3 chairman | noted |  |  |
| C3-212008 | Allocation of documents to agenda items (Start of Day 6) | CT3 chairman | noted |  |  |
| C3-212009 | Allocation of documents to agenda items (Start of Day 7) | CT3 chairman | noted |  |  |
| C3-212010 | Allocation of documents to agenda items (Start of Day 8) | CT3 chairman | noted |  |  |
| C3-212011 | Allocation of documents to agenda items (End of Day 8) | CT3 chairman | noted |  |  |
| C3-212012 | Status of CT3 Work Items | CT3 chairman | revised |  | C3-212592 |
| C3-212013 | Summary of CT#91e related to CT3 | CT3 chairman | noted |  |  |
| C3-212014 | Minutes of CT3#114e | MCC | approved |  |  |
| C3-212015 | WI status report from MCC | MCC | noted |  |  |
| C3-212016 | Meeting Calendar | MCC | noted |  |  |
| C3-212017 | CT3#115e guidance | CT3 chairman | noted |  |  |
| C3-212018 | Discussion on MPS for DTS | Perspecta Labs | noted |  |  |
| C3-212019 | 29.212 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | revised |  | C3-212379 |
| C3-212020 | 29.213 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | revised |  | C3-212521 |
| C3-212021 | 29.214 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | revised |  | C3-212381 |
| C3-212022 | 29.512 PCC support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | revised |  | C3-212380 |
| C3-212023 | 29.513 PCF control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | revised |  | C3-212522 |
| C3-212024 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | revised |  | C3-212382 |
| C3-212025 | Correction of AaaUsage | KDDI | revised |  | C3-212530 |
| C3-212026 | Correction of AaaUsage | KDDI | revised |  | C3-212531 |
| C3-212027 | Correction of AccessRightStatus | KDDI | revised |  | C3-212532 |
| C3-212028 | Correction of AccessRightStatus | KDDI | revised |  | C3-212533 |
| C3-212029 | Adding missing description for partial failure operation | KDDI, Huawei | revised |  | C3-212473 |
| C3-212030 | Adding missing description for partial failure operation | KDDI, Huawei | revised |  | C3-212474 |
| C3-212031 | Work Plan for TEI17\_DCAMP WI | Ericsson | noted |  |  |
| C3-212032 | Revised WID on CT aspects of Enhancement for Proximity based Services in 5GS | CATT | revised | CP-210292 | C3-212358 |
| C3-212033 | Skeleton of TS 29.xxx for 5G Application Function ProSe Service | CATT | revised |  | C3-212446 |
| C3-212034 | Scope of TS 29.xxx for 5G Application Function ProSe Service | CATT | revised |  | C3-212447 |
| C3-212035 | AF-based ProSe service parameter provisioning | CATT | merged |  |  |
| C3-212036 | Service Based Interface Protocol Improvements Release 17 | Huawei, China Mobile | revised | CP-201075 | C3-212359 |
| C3-212037 | Correction to Charging Information | Ericsson | revised |  | C3-212605 |
| C3-212038 | Revised WID on Enablers for Network Automation for 5G - phase 2 | China Mobile Com. Corporation | revised | CP-210290 | C3-212360 |
| C3-212039 | LS on the support of L2TP with CUPS | CT4 | noted |  |  |
| C3-212040 | LS on Information on the port number allocation solutions | CT4 | noted |  |  |
| C3-212041 | LS on PAP/CHAP and other point-to-point protocols usage in 5GS | SA2 | noted |  |  |
| C3-212042 | Reply LS on Network Configuration Parameters Consistent Handling in UDM | SA2 | noted |  |  |
| C3-212043 | LS Response on the input parameters of the LCS subscription request from an AF via NEF | SA2 | noted |  |  |
| C3-212044 | Reply LS on UTRAN UE capabilities from CN to gNB | SA2 | noted |  |  |
| C3-212045 | LS on Server Domain Name Usage for Application Traffic Detection | SA4 | noted |  |  |
| C3-212046 | LS on OpenAPI guidelines | SA5 | noted |  |  |
| C3-212047 | Reply LS on clarification regarding EEC ID | SA6 | noted |  |  |
| C3-212048 | Work Plan of eNA\_Ph2 | China Mobile Com. Corporation, Huawei | noted |  |  |
| C3-212049 | Revised WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Com. Corporation | revised | CP-210186 | C3-212514 |
| C3-212050 | Correction to Charging Information | Ericsson | not pursued |  |  |
| C3-212051 | Correction to OSD handling | Ericsson | revised |  | C3-212503 |
| C3-212052 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CommonData API | Huawei | revised |  | C3-212414 |
| C3-212053 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MonitoringEvent API | Huawei | merged |  |  |
| C3-212054 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ResourceManagementOfBdt API | Huawei | revised |  | C3-212415 |
| C3-212055 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ChargeableParty API | Huawei | revised |  | C3-212416 |
| C3-212056 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NIDD API | Huawei | revised |  | C3-212417 |
| C3-212057 | Adding some missing description fields to data type definitions in OpenAPI specification files of the DeviceTriggering API | Huawei | revised |  | C3-212418 |
| C3-212058 | Adding some missing description fields to data type definitions in OpenAPI specification files of the GMDViaMBMS APIs | Huawei | revised |  | C3-212419 |
| C3-212059 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ReportingNetworkStatus API | Huawei | revised |  | C3-212420 |
| C3-212060 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CpProvisioning API | Huawei | revised |  | C3-212421 |
| C3-212061 | Adding some missing description fields to data type definitions in OpenAPI specification files of the PfdManagement API | Huawei | revised |  | C3-212422 |
| C3-212062 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ECRControl API | Huawei | revised |  | C3-212423 |
| C3-212063 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NpConfiguration API | Huawei | revised |  | C3-212424 |
| C3-212064 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AsSessionWithQoS API | Huawei | revised |  | C3-212425 |
| C3-212065 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MsisdnLessMoSms API | Huawei | revised |  | C3-212426 |
| C3-212066 | Adding some missing description fields to data type definitions in OpenAPI specification files of the RacsParameterProvisioning API | Huawei | revised |  | C3-212427 |
| C3-212067 | Removal of invalid unbreakable spaces is some attributes description in the GMDViaMBMS and ReportingNetworkStatus APIs | Huawei | revised |  | C3-212428 |
| C3-212068 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Discover\_Service\_API | Huawei | merged |  |  |
| C3-212069 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Publish\_Service\_API | Huawei | merged |  |  |
| C3-212070 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Events\_API | Huawei | merged |  |  |
| C3-212071 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_API\_Invoker\_Management\_API | Huawei | merged |  |  |
| C3-212072 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Security\_API | Huawei | merged |  |  |
| C3-212073 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Access\_Control\_Policy\_API | Huawei | merged |  |  |
| C3-212074 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Logging\_API\_Invocation\_API | Huawei | merged |  |  |
| C3-212075 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AEF\_Security\_API | Huawei | merged |  |  |
| C3-212076 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_API\_Provider\_Management\_API | Huawei | merged |  |  |
| C3-212077 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Routing\_Info\_API | Huawei | merged |  |  |
| C3-212078 | Missing data type in the CAPIF\_API\_Provider\_Management\_API Data Types tables | Huawei | agreed |  |  |
| C3-212079 | Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables | Huawei | revised |  | C3-212429 |
| C3-212080 | Missing data type in the CAPIF\_Security\_API Data Types tables | Huawei | agreed |  |  |
| C3-212081 | Missing data types in the CAPIF\_Access\_Control\_Policy\_API Data Types tables | Huawei | agreed |  |  |
| C3-212082 | Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables | Huawei | revised |  | C3-212430 |
| C3-212083 | Removal of invalid characters in some description fields in CAPIF APIs | Huawei | merged |  |  |
| C3-212084 | Adding some missing description fields to data type definitions in OpenAPI specification files of the TrafficInfluence API | Huawei | revised |  | C3-212458 |
| C3-212085 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NiddConfigurationTrigger API | Huawei | revised |  | C3-212459 |
| C3-212086 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AnalyticsExposure API | Huawei | revised |  | C3-212460 |
| C3-212087 | Adding some missing description fields to data type definitions in OpenAPI specification files of the 5GLANParameterProvision API | Huawei | revised |  | C3-212461 |
| C3-212088 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ApplyingBdtPolicy API | Huawei | revised |  | C3-212462 |
| C3-212089 | Adding some missing description fields to data type definitions in OpenAPI specification files of the IPTVConfiguration API | Huawei | revised |  | C3-212463 |
| C3-212090 | Adding some missing description fields to data type definitions in OpenAPI specification files of the LpiParameterProvision API | Huawei | revised |  | C3-212464 |
| C3-212091 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ServiceParameter API | Huawei | revised |  | C3-212465 |
| C3-212092 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ACSParameterProvision API | Huawei | revised |  | C3-212466 |
| C3-212093 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MoLcsNotify API | Huawei | revised |  | C3-212467 |
| C3-212094 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AKMA API | Huawei | revised |  | C3-212468 |
| C3-212095 | Additional corrections to HTTP custom headers handling for Northbound APIs | Huawei | revised |  | C3-212469 |
| C3-212096 | Correction of invalid characters in OpenAPI specification files | Huawei | revised |  | C3-212431 |
| C3-212097 | Adding some missing description fields to data type definitions in OpenAPI specification files of the Naanf\_AKMA API | Huawei | revised |  | C3-212448 |
| C3-212098 | Missing data type in the Naanf\_AKMA Service API Data Types tables | Huawei | revised |  | C3-212553 |
| C3-212099 | SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause | Huawei | agreed |  |  |
| C3-212100 | SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause | Huawei | agreed |  |  |
| C3-212101 | SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause | Huawei | agreed |  |  |
| C3-212102 | 5G ProSe related updates to PCC procedures | Huawei | revised |  | C3-212385 |
| C3-212103 | 5G ProSe related updates to Nudr | Huawei | revised |  | C3-212563 |
| C3-212104 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei | revised |  | C3-212378 |
| C3-212105 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei | revised |  | C3-212386 |
| C3-212106 | Discussion paper on Media Type for 3xx Responses | Huawei | noted |  |  |
| C3-212107 | Correction to Netloc-Untrusted-WLAN | Ericsson | agreed |  |  |
| C3-212108 | Support of notifications of SAR changes | Ericsson | revised |  | C3-212406 |
| C3-212109 | Discussion on Access and Mobility Policy Authorization service | Ericsson | noted |  |  |
| C3-212110 | CT aspects on Dynamically Changing AM Policies in the 5GC | Ericsson | revised |  | C3-212361 |
| C3-212111 | TS skeleton for Access and Mobility Policy Authorization service specification | Ericsson | agreed |  |  |
| C3-212112 | Correction to Charging Information | Ericsson | not pursued |  |  |
| C3-212113 | Correction to Charging Information | Ericsson | revised |  | C3-212604 |
| C3-212114 | Open issues on 3GPP Northbound interfaces | Huawei | noted |  |  |
| C3-212115 | Enhancements of 3GPP Northbound Interfaces | Huawei | revised |  | C3-212362 |
| C3-212116 | Revised WID on eEDGE\_5GC | Huawei | revised |  | C3-212519 |
| C3-212117 | CT3 work plan for eEDGE\_5GC WI | Huawei | noted |  |  |
| C3-212118 | Skeleton of TS 29.552 v0.0.0 | Huawei | revised |  | C3-212388 |
| C3-212119 | Scope clause of TS 29.552 | Huawei | revised |  | C3-212389 |
| C3-212120 | Abbreviation clause of TS 29.552 | Huawei | agreed |  |  |
| C3-212121 | Support redirection for pure 4G SCEF northbound APIs | Huawei | agreed |  |  |
| C3-212122 | Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP | China Telecommunications, Ericsson | revised |  | C3-212407 |
| C3-212123 | Supporting the same PCF selection for AMF and SMF in 5GS scenario | China Telecommunications | merged |  |  |
| C3-212124 | Supporting the same PCF selection for AMF and SMF in the EPS to 5GS mobility scenario | China Telecommunications | merged |  |  |
| C3-212125 | Enabling Dynamic Changes of AM Policies in AMPolicyControl | Nokia, Nokia Shanghai Bell | revised |  | C3-212408 |
| C3-212126 | Application Detection triggering for dynamic AM policy changes | Nokia, Nokia Shanghai Bell | revised |  | C3-212409 |
| C3-212127 | Partitioning criteria for applying sampling in specific UE partitions in SMF exposure | Nokia, Nokia Shanghai Bell | revised |  | C3-212390 |
| C3-212128 | Partitioning criteria for applying sampling in specific UE partitions in PCF exposure | Nokia, Nokia Shanghai Bell | revised |  | C3-212391 |
| C3-212129 | Partitioning criteria for applying sampling in specific UE partitions in AF exposure | Nokia, Nokia Shanghai Bell | revised |  | C3-212392 |
| C3-212130 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell | revised |  | C3-212393 |
| C3-212131 | Adding NWDAF as NWDAF services consumer due to analytics aggregation | Nokia, Nokia Shanghai Bell | revised |  | C3-212394 |
| C3-212132 | Support of optional HTTP custom header fields | Ericsson | revised |  | C3-212432 |
| C3-212133 | Support of optional HTTP custom header fields | Ericsson | revised |  | C3-212433 |
| C3-212134 | Support of optional HTTP custom header fields | Ericsson | agreed |  |  |
| C3-212135 | MonitoringEvent API: TAB and missing "description" fields | Ericsson | revised |  | C3-212434 |
| C3-212136 | DiscoverService API: Unbreakable spaces and missing "description" field | Ericsson | revised |  | C3-212435 |
| C3-212137 | PublishService API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212436 |
| C3-212138 | Events API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212437 |
| C3-212139 | InvokerManagement API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212438 |
| C3-212140 | Security API: Unbreakable space and missing "description" fields | Ericsson | revised |  | C3-212439 |
| C3-212141 | AccessControlPolicy API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212440 |
| C3-212142 | LoggingAPIInvocation API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212441 |
| C3-212143 | Auditing API: Unbreakable spaces | Ericsson | revised |  | C3-212442 |
| C3-212144 | AEFSecurity API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212443 |
| C3-212145 | API\_Provider\_Management API: Missing "description" fields | Ericsson | revised |  | C3-212444 |
| C3-212146 | RoutingInfo API: Unbreakable spaces and missing "description" fields | Ericsson | revised |  | C3-212445 |
| C3-212147 | LocationReporting API: Removal of unbreakable spaces | Ericsson | merged |  |  |
| C3-212148 | GroupManagement API: Removal of unbreakable spaces | Ericsson | merged |  |  |
| C3-212149 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | revised |  | C3-212410 |
| C3-212150 | Control of Multiple PRA reports | Ericsson | noted |  |  |
| C3-212151 | Addition of missing abbreviations. | NTT corporation | revised |  | C3-212472 |
| C3-212152 | Correct the error code MISS\_FLOW\_INFO | Huawei | revised |  | C3-212543 |
| C3-212153 | Correct the error code MISS\_FLOW\_INFO | Huawei | revised |  | C3-212544 |
| C3-212154 | Correct the error code MISS\_FLOW\_INFO | Huawei | revised |  | C3-212545 |
| C3-212155 | Correction to policyCounterId | Huawei | revised |  | C3-212587 |
| C3-212156 | Correction to policyCounterId | Huawei | revised |  | C3-212588 |
| C3-212157 | Correction to policyCounterId | Huawei | revised |  | C3-212589 |
| C3-212158 | Correction to expiry time | Huawei | revised |  | C3-212508 |
| C3-212159 | Correction to expiry time | Huawei | revised |  | C3-212509 |
| C3-212160 | Correction to notification correlation id | Huawei | revised |  | C3-212510 |
| C3-212161 | Correction to notification correlation id | Huawei | revised |  | C3-212511 |
| C3-212162 | Correction to spending limit report | Huawei | merged |  |  |
| C3-212163 | Correction to spending limit report | Huawei | merged |  |  |
| C3-212164 | Correction to the termination procedure | Huawei | revised |  | C3-212576 |
| C3-212165 | Correction to the termination procedure | Huawei | revised |  | C3-212577 |
| C3-212166 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | revised |  | C3-212578 |
| C3-212167 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | revised |  | C3-212579 |
| C3-212168 | Correction to access network info report | Huawei | not pursued |  |  |
| C3-212169 | Correction to access network info report | Huawei | revised |  | C3-212540 |
| C3-212170 | QoS flow binding for QoS monitoring | Huawei | revised |  | C3-212541 |
| C3-212171 | QoS flow binding for QoS monitoring | Huawei | revised |  | C3-212542 |
| C3-212172 | Discussion on the enhancements of 5G PCC for interworking in Rel-17 | Huawei | noted |  |  |
| C3-212173 | New WID on Rel-17 Enhancements of 5G PCC for interworking | Huawei | revised |  | C3-212363 |
| C3-212174 | Response of partial pull | Huawei | revised |  | C3-212366 |
| C3-212175 | Selecting the same PCF for AMF and SMF | Huawei | revised |  | C3-212383 |
| C3-212176 | Support Time Sensing Communication other than TSN | Huawei | revised |  | C3-212454 |
| C3-212177 | Support Time Sensing Communication other than TSN | Huawei | revised |  | C3-212455 |
| C3-212178 | Support survival time | Huawei | revised |  | C3-212456 |
| C3-212179 | Support survival time | Huawei | revised |  | C3-212457 |
| C3-212180 | Support Time Sensitive Communication | Huawei | revised |  | C3-212371 |
| C3-212181 | Support Time Sensitive Communication | Huawei | revised |  | C3-212372 |
| C3-212182 | Support time synchronization | Huawei | postponed |  |  |
| C3-212183 | Support time synchronization | Huawei | postponed |  |  |
| C3-212184 | The procedure of time synchronization exposure | Huawei | revised |  | C3-212373 |
| C3-212185 | The resource and methods of time synchronization exposure | Huawei | revised |  | C3-212374 |
| C3-212186 | The OpenAPI file of time synchronization exposure | Huawei | revised |  | C3-212375 |
| C3-212187 | Add user plane lantecy requirement in PCC rule | Huawei | revised |  | C3-212384 |
| C3-212188 | Support Local MBMS | Huawei | revised |  | C3-212450 |
| C3-212189 | Introduction of VAE\_HDMapDynamicInfo service | Huawei | revised |  | C3-212451 |
| C3-212190 | Procedure of VAE\_HDMapDynamicInfo service | Huawei | revised |  | C3-212452 |
| C3-212191 | Resources and methods of VAE\_HDMapDynamicInfo service | Huawei | revised |  | C3-212453 |
| C3-212192 | OpenAPI file of VAE\_HDMapDynamicInfo service | Huawei | revised |  | C3-212564 |
| C3-212193 | Correct the subclause number of reference | Huawei | agreed |  |  |
| C3-212194 | Correction to policy control request trigger | Huawei | agreed |  |  |
| C3-212195 | Correction to usage monitoring for Non-3GPP | Huawei | revised |  | C3-212504 |
| C3-212196 | GCI report | Huawei | postponed |  |  |
| C3-212197 | GCI report | Huawei | postponed |  |  |
| C3-212198 | GCI report | Huawei | postponed |  |  |
| C3-212199 | GLI report | Huawei | revised |  | C3-212571 |
| C3-212200 | GLI report | Huawei | revised |  | C3-212572 |
| C3-212201 | Clarifiction of PCF Requested Usage Report | Huawei | revised |  | C3-212573 |
| C3-212202 | Clarifiction of PCF Requested Usage Report | Huawei | revised |  | C3-212574 |
| C3-212203 | Correct the disabling usage monitoring | Huawei | revised |  | C3-212505 |
| C3-212204 | Eroror handling for the deferred rule | Huawei | agreed |  |  |
| C3-212205 | Correct the Redundant PDU Session indication | Huawei | agreed |  |  |
| C3-212206 | Correct the offline charging only | Huawei | revised |  | C3-212506 |
| C3-212207 | Clarification of accouting for the interworking scenario | Huawei | revised |  | C3-212479 |
| C3-212208 | Discussion on work analysis for UASAPP | Huawei | noted |  |  |
| C3-212209 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | revised |  | C3-212493 |
| C3-212210 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | revised |  | C3-212494 |
| C3-212211 | Satellite backhaul change policy control request trigger | Qualcomm Incorporated | revised | C3-210261 | C3-212507 |
| C3-212212 | ID\_UAS CT4 Work plan | Qualcomm Incorporated | noted |  |  |
| C3-212213 | CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) | Huawei | revised |  | C3-212355 |
| C3-212214 | Correct referenced datatype for VAE\_MessageDelivery | ZTE | agreed |  |  |
| C3-212215 | Correct referenced datatype for VAE\_MessageDelivery | ZTE | agreed |  |  |
| C3-212216 | Correct resourceUri used in Message Delivery procedures | ZTE | agreed |  |  |
| C3-212217 | Correct resourceUri used in Message Delivery procedures | ZTE | agreed |  |  |
| C3-212218 | Correction of Individual Downlink Message Delivery resource name | ZTE | agreed |  |  |
| C3-212219 | Correction of Individual Downlink Message Delivery resource name | ZTE | agreed |  |  |
| C3-212220 | Correct service operation name for VAE\_FileDistribution | ZTE | agreed |  |  |
| C3-212221 | Correct service operation name for VAE\_FileDistribution | ZTE | agreed |  |  |
| C3-212222 | Correct serivce name and resourceUri for VAE\_ApplicationRequirement | ZTE | agreed |  |  |
| C3-212223 | Correct serivce name and resourceUri for VAE\_ApplicationRequirement | ZTE | agreed |  |  |
| C3-212224 | Correct service name and resourceUri for VAE\_DynamicGroup | ZTE | agreed |  |  |
| C3-212225 | Correct service name and resourceUri for VAE\_DynamicGroup | ZTE | agreed |  |  |
| C3-212226 | Termination of Downlink Message Delivery procedure | ZTE | not pursued |  |  |
| C3-212227 | Termination of Downlink Message Delivery procedure | ZTE | revised |  | C3-212495 |
| C3-212228 | Termination of File Distribution procedure | ZTE | revised |  | C3-212496 |
| C3-212229 | Termination of File Distribution procedure | ZTE | revised |  | C3-212497 |
| C3-212230 | Termination of Network Resource Reservation procedure | ZTE | not pursued |  |  |
| C3-212231 | Termination of Network Resource Reservation procedure | ZTE | revised |  | C3-212498 |
| C3-212232 | Termination of Dynamic Group Configuration procedure | ZTE | revised |  | C3-212499 |
| C3-212233 | Termination of Dynamic Group Configuration procedure | ZTE | revised |  | C3-212500 |
| C3-212234 | correction of attribute snssais in OpenAPI | ZTE | withdrawn |  |  |
| C3-212235 | correction of attribute snssais in OpenAPI | ZTE | withdrawn |  |  |
| C3-212236 | correction of attribute snssais in OpenAPI | ZTE | withdrawn |  |  |
| C3-212237 | Correction on 404 Not Found | ZTE | revised |  | C3-212546 |
| C3-212238 | Correction on 404 Not Found | ZTE | revised |  | C3-212547 |
| C3-212239 | Correction on 404 Not Found | ZTE | revised |  | C3-212548 |
| C3-212240 | Correction on 404 Not Found | ZTE | agreed |  |  |
| C3-212241 | Correction on 404 Not Found | ZTE | agreed |  |  |
| C3-212242 | Correction on 404 Not Found | ZTE | agreed |  |  |
| C3-212243 | Missing attributes in subscription procedure | ZTE | agreed |  |  |
| C3-212244 | Missing attributes in subscription procedure | ZTE | agreed |  |  |
| C3-212245 | Correction on the value of confidence | ZTE | revised |  | C3-212475 |
| C3-212246 | Correction on the value of confidence | ZTE | revised |  | C3-212476 |
| C3-212247 | Correction to Overview and Introduction | ZTE | agreed |  |  |
| C3-212248 | Correction to Overview and Introduction | ZTE | agreed |  |  |
| C3-212249 | Correction to Data type table | ZTE | agreed |  |  |
| C3-212250 | Correction to Data type table | ZTE | agreed |  |  |
| C3-212251 | Correction of TS title for 29.535 in references | ZTE | agreed |  |  |
| C3-212252 | Adding Clause 5.1.4.3.1 | ZTE | agreed |  |  |
| C3-212253 | Complete specific Data Types table | ZTE | merged |  |  |
| C3-212254 | Custom operation URI | ZTE | revised |  | C3-212449 |
| C3-212255 | Terminology alignment of AKMA Application Key information | ZTE | agreed |  |  |
| C3-212256 | Common default HTTP response | ZTE | revised |  | C3-212480 |
| C3-212257 | Procedures for ECS address provisioning | Huawei | agreed |  | - |
| C3-212258 | API definition for ECS address provisioning | Huawei | agreed |  |  |
| C3-212259 | Support of User Plane Latency requirement | Huawei | revised |  | C3-212377 |
| C3-212260 | Support of User Plane Latency requirement | Huawei | revised |  | C3-212387 |
| C3-212261 | Status and work plan for IIoT | Nokia, Nokia Shanghai Bell | noted |  |  |
| C3-212262 | IMS data channel at the II-NNI | Huawei, HiSilicon / Bill | revised |  | C3-212470 |
| C3-212263 | EDGEAPP - Workplan | Samsung Electronics Iberia SA | noted |  |  |
| C3-212264 | Pseudo-CR on Update to Terms and Abbreviations | Samsung Electronics Iberia SA | postponed |  |  |
| C3-212265 | Pseudo-CR on Correction to EAS and EES identifiers in Registration APIs | Samsung Electronics Iberia SA | withdrawn |  |  |
| C3-212266 | Pseudo-CR on Eees\_UELocation Service description | Samsung Electronics Iberia SA | revised |  | C3-212367 |
| C3-212267 | Pseudo-CR on Eees\_UELocation API definition | Samsung Electronics Iberia SA | revised |  | C3-212368 |
| C3-212268 | Pseudo-CR on Eees\_UEIdentifier Service description | Samsung Electronics Iberia SA | revised |  | C3-212369 |
| C3-212269 | Pseudo-CR on Eees\_UEIdentifier API definition | Samsung Electronics Iberia SA | revised |  | C3-212370 |
| C3-212270 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow | Ericsson | not pursued |  |  |
| C3-212271 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow | Ericsson | revised |  | C3-212594 |
| C3-212272 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | Ericsson | not pursued |  |  |
| C3-212273 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | Ericsson | revised |  | C3-212595 |
| C3-212274 | Updates 5GS interwroking with EPS for EAP based re-auth in Diameter message flow | Ericsson | revised |  | C3-212570 |
| C3-212275 | Correction to Framed IP | Ericsson | revised |  | C3-212581 |
| C3-212276 | Correction to Framed IP | Ericsson | revised |  | C3-212582 |
| C3-212277 | Correction to Framed IP | Ericsson | revised |  | C3-212583 |
| C3-212278 | Correction to Framed IP | Ericsson | revised |  | C3-212584 |
| C3-212279 | Correction to Framed IP | Ericsson | revised |  | C3-212585 |
| C3-212280 | Correction to Framed IP | Ericsson | revised |  | C3-212586 |
| C3-212281 | Correction to Load Level Information | Ericsson | revised |  | C3-212549 |
| C3-212282 | Correction to Load Level Information | Ericsson | revised |  | C3-212550 |
| C3-212283 | Correction to Load Level Information | Ericsson | revised |  | C3-212551 |
| C3-212284 | Correction to NSI Load Level Information | Ericsson | revised |  | C3-212477 |
| C3-212285 | Correction to NSI Load Level Information | Ericsson | revised |  | C3-212478 |
| C3-212286 | Correction to UserPlaneEvent applicability in AsSessionWithQoS API | Ericsson | revised |  | C3-212606 |
| C3-212287 | Correction to LDR geographic area | Ericsson | revised |  | C3-212489 |
| C3-212288 | Correction to LDR geographic area | Ericsson | revised |  | C3-212490 |
| C3-212289 | Correction to LDR geographic area | Ericsson | revised |  | C3-212491 |
| C3-212290 | Correction to LDR geographic area | Ericsson | revised |  | C3-212492 |
| C3-212291 | Updates to AF Application Identifier in ChargeableParty API | Ericsson | revised | C3-211340 | C3-212481 |
| C3-212292 | Pseudo-CR on Scope of TS | Ericsson | revised |  | C3-212411 |
| C3-212293 | Updates to AF Application Identifier in AsSessionWithQoS API | Ericsson | revised | C3-211341 | C3-212482 |
| C3-212294 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | revised | C3-211350 | C3-212483 |
| C3-212295 | Pseudo-CR on Overview of the Npcf\_AMPolicyAuthorization service | Ericsson | revised |  | C3-212562 |
| C3-212296 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | revised | C3-211351 | C3-212484 |
| C3-212297 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | revised | C3-211352 | C3-212485 |
| C3-212298 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | revised | C3-211354 | C3-212486 |
| C3-212299 | Pseudo-CR on architecture aspects of the Npcf\_AMPolicyAuthorization service | Ericsson | revised |  | C3-212515 |
| C3-212300 | Pseudo-CR on Description of NF service consumers and PCF | Ericsson | revised |  | C3-212516 |
| C3-212301 | Complete AAA triggered re-authentication flow for Diameter | Ericsson | agreed |  |  |
| C3-212302 | Pseudo-CR on Npcf\_AMPolicyAuthorization Service Operations | Ericsson | revised |  | C3-212517 |
| C3-212303 | Pseudo-CR on API Name and Version of the Npcf\_AMPolicyAuthorization service | Ericsson | agreed |  |  |
| C3-212304 | Editorial fix | Ericsson | agreed |  |  |
| C3-212305 | Pseudo-CR on Resource Structure | Ericsson | revised |  | C3-212412 |
| C3-212306 | Pseudo-CR on HTTP usage by the Npcf\_AMPolicyAuthorization service | Ericsson | agreed |  |  |
| C3-212307 | Pseudo-CR on Notifications for the Npcf\_AMPolicyAuthorization service | Ericsson | revised |  | C3-212518 |
| C3-212308 | Pseudo-CR on Error handling, Feature negotiation and Security | Ericsson | agreed |  |  |
| C3-212309 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Create service operation | Ericsson | revised |  | C3-212413 |
| C3-212310 | Support of Mute reporting | Huawei | revised |  | C3-212395 |
| C3-212311 | Support of Mute reporting | Huawei | revised |  | C3-212396 |
| C3-212312 | Support of Mute reporting | Huawei | agreed |  |  |
| C3-212313 | Support of Mute reporting | Huawei | agreed |  |  |
| C3-212314 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Update service operation | Ericsson | revised |  | C3-212555 |
| C3-212315 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Delete service operation | Ericsson | revised |  | C3-212556 |
| C3-212316 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Subscribe service operation | Ericsson | revised |  | C3-212557 |
| C3-212317 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Unsubscribe service operation | Ericsson | revised |  | C3-212558 |
| C3-212318 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Notfiy service operation | Ericsson | revised |  | C3-212559 |
| C3-212319 | Pseudo-CR on Data model for the Npcf\_AMPolicyAuthorization API | Ericsson | revised |  | C3-212560 |
| C3-212320 | Pseudo-CR on OpenAPI file | Ericsson | revised |  | C3-212561 |
| C3-212321 | Correction to QoS control in the VPLMN | Ericsson | revised |  | C3-212512 |
| C3-212322 | Correction to QoS control in the VPLMN | Ericsson | revised |  | C3-212513 |
| C3-212323 | Service introduction for Nnwdaf\_DataManagement | Huawei, China Mobile | revised |  | C3-212397 |
| C3-212324 | Service operations for Nnwdaf\_DataManagement | Huawei, China Mobile | revised |  | C3-212398 |
| C3-212325 | Nnwdaf\_DataManagement Service API | Huawei, China Mobile | revised |  | C3-212399 |
| C3-212326 | Service introduction for Nnwdaf\_MLModelProvision | Huawei, China Mobile | revised |  | C3-212400 |
| C3-212327 | Service operations for Nnwdaf\_MLModelProvision | Huawei, China Mobile | revised |  | C3-212401 |
| C3-212328 | Nnwdaf\_MLModelProvision Service API | Huawei, China Mobile | revised |  | C3-212402 |
| C3-212329 | Clean up of Network Data Analysis procedures | Huawei | revised |  | C3-212403 |
| C3-212330 | Resource corrections for SCEF Northbound APIs | Huawei | agreed |  |  |
| C3-212331 | Resource corrections for SCEF Northbound APIs | Huawei | agreed |  |  |
| C3-212332 | Resource corrections for SCEF Northbound APIs | Huawei | agreed |  |  |
| C3-212333 | Removal of TWAN level accuracy | Huawei | revised |  | C3-212534 |
| C3-212334 | Removal of TWAN level accuracy | Huawei | revised |  | C3-212535 |
| C3-212335 | Removal of TWAN level accuracy | Huawei | revised |  | C3-212536 |
| C3-212336 | Format of location information | Huawei | revised |  | C3-212537 |
| C3-212337 | Format of location information | Huawei | revised |  | C3-212538 |
| C3-212338 | Format of location information | Huawei | revised |  | C3-212539 |
| C3-212339 | Location accuracy | Huawei | agreed |  |  |
| C3-212340 | Location accuracy | Huawei | agreed |  |  |
| C3-212341 | Location accuracy | Huawei | agreed |  |  |
| C3-212342 | Reply LS on Server Domain Name Usage for Application Traffic Detection | Huawei | revised |  | C3-212404 |
| C3-212343 | LS reply on the support of L2TP with CUPS | Ericsson | revised |  | C3-212569 |
| C3-212344 | Updates to support CUPS | Ericsson | agreed |  | - |
| C3-212345 | Updates to support L2TP for CUPS | Ericsson | revised |  | C3-212488 |
| C3-212346 | Updates to support L2TP in RADIUS message flow | Ericsson | noted |  |  |
| C3-212347 | Updates to support L2TP in Diameter message flow | Ericsson | noted |  |  |
| C3-212348 | Updates to support L2TP for CUPS | Ericsson | noted |  |  |
| C3-212349 | Updates to support L2TP in RADIUS message flow | Ericsson | noted |  |  |
| C3-212350 | Updates to support L2TP in Diameter message flow | Ericsson | noted |  |  |
| C3-212351 | 5G capabilities exposure for factories of the future | 5G-ACIA | noted |  |  |
| C3-212352 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | revised |  | C3-212502 |
| C3-212353 | Discussion paper on 5MBS status | Huawei Technologies R&D UK | noted |  |  |
| C3-212354 | Revised WID on CT aspects of Enhanced application layer support for V2X services | Huawei, HiSilicon | endorsed | CP-210273 |  |
| C3-212355 | CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) | Huawei | revised | C3-212213 | C3-212364 |
| C3-212356 | Partitioning criteria for applying sampling in specific UE partitions in NEF event exposure | Nokia, Nokia Shanghai Bell | agreed | - | - |
| C3-212357 | Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure | Nokia, Nokia Shanghai Bell | agreed | - | - |
| C3-212358 | Revised WID on CT aspects of Enhancement for Proximity based Services in 5GS | CATT | endorsed | C3-212032 | - |
| C3-212359 | Service Based Interface Protocol Improvements Release 17 | Huawei, China Mobile | endorsed | C3-212036 | - |
| C3-212360 | Revised WID on Enablers for Network Automation for 5G - phase 2 | China Mobile Com. Corporation | agreed | C3-212038 | - |
| C3-212361 | CT aspects on Dynamically Changing AM Policies in the 5GC | Ericsson | agreed | C3-212110 | - |
| C3-212362 | Enhancements of 3GPP Northbound Interfaces | Huawei | agreed | C3-212115 | - |
| C3-212363 | New WID on enhancement of 5G PCC related services in Rel-17 | Huawei | agreed | C3-212173 | - |
| C3-212364 | CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) | Huawei | endorsed | C3-212355 | - |
| C3-212365 | Support of UAVs authentication/authorization in 3GPP systems and interfacing with USS/UTM | GSMA ACJA | noted | - | - |
| C3-212366 | Response of partial pull | Huawei | agreed | C3-212174 | - |
| C3-212367 | Pseudo-CR on Eees\_UELocation Service description | Samsung Electronics Iberia SA | agreed | C3-212266 | - |
| C3-212368 | Pseudo-CR on Eees\_UELocation API definition | Samsung Electronics Iberia SA | agreed | C3-212267 | - |
| C3-212369 | Pseudo-CR on Eees\_UEIdentifier Service description | Samsung Electronics Iberia SA | agreed | C3-212268 | - |
| C3-212370 | Pseudo-CR on Eees\_UEIdentifier API definition | Samsung Electronics Iberia SA | agreed | C3-212269 | - |
| C3-212371 | Support Time Sensitive Communication | Huawei | agreed | C3-212180 | - |
| C3-212372 | Support Time Sensitive Communication | Huawei | agreed | C3-212181 | - |
| C3-212373 | The procedure of time synchronization exposure | Huawei | agreed | C3-212184 | - |
| C3-212374 | The resource and methods of time synchronization exposure | Huawei | agreed | C3-212185 | - |
| C3-212375 | The OpenAPI file of time synchronization exposure | Huawei | agreed | C3-212186 | - |
| C3-212376 | Void | MCC | withdrawn | - | - |
| C3-212377 | Support of User Plane Latency requirement | Huawei | agreed | C3-212259 | - |
| C3-212378 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei, CATT | agreed | C3-212104 | - |
| C3-212379 | 29.212 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-212019 | - |
| C3-212380 | 29.512 PCC support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-212022 | - |
| C3-212381 | 29.214 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-212021 | - |
| C3-212382 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-212024 | - |
| C3-212383 | Selecting the same PCF for AMF and SMF | Huawei, China Telecom | agreed | C3-212175 | - |
| C3-212384 | Add user plane lantecy requirement in PCC rule | Huawei | agreed | C3-212187 | - |
| C3-212385 | 5G ProSe related updates to PCC procedures | Huawei | agreed | C3-212102 | - |
| C3-212386 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei | agreed | C3-212105 | - |
| C3-212387 | Support of User Plane Latency requirement | Huawei | agreed | C3-212260 | - |
| C3-212388 | Skeleton of TS 29.552 v0.0.0 | Huawei | revised | C3-212118 | C3-212567 |
| C3-212389 | Scope clause of TS 29.552 | Huawei | agreed | C3-212119 | - |
| C3-212390 | Partitioning criteria for applying sampling in specific UE partitions in SMF exposure | Nokia, Nokia Shanghai Bell | agreed | C3-212127 | - |
| C3-212391 | Partitioning criteria for applying sampling in specific UE partitions in PCF exposure | Nokia, Nokia Shanghai Bell | agreed | C3-212128 | - |
| C3-212392 | Partitioning criteria for applying sampling in specific UE partitions in AF exposure | Nokia, Nokia Shanghai Bell | agreed | C3-212129 | - |
| C3-212393 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei | revised | C3-212130 | C3-212596 |
| C3-212394 | Adding NWDAF as NWDAF services consumer due to analytics aggregation | Nokia, Nokia Shanghai Bell | revised | C3-212131 | C3-212597 |
| C3-212395 | Support of Mute reporting | Huawei | agreed | C3-212310 | - |
| C3-212396 | Support of Mute reporting | Huawei | agreed | C3-212311 | - |
| C3-212397 | Service introduction for Nnwdaf\_DataManagement | Huawei, China Mobile | agreed | C3-212323 | - |
| C3-212398 | Service operations for Nnwdaf\_DataManagement | Huawei, China Mobile | agreed | C3-212324 | - |
| C3-212399 | Nnwdaf\_DataManagement Service API | Huawei, China Mobile | agreed | C3-212325 | - |
| C3-212400 | Service introduction for Nnwdaf\_MLModelProvision | Huawei, China Mobile | agreed | C3-212326 | - |
| C3-212401 | Service operations for Nnwdaf\_MLModelProvision | Huawei, China Mobile | agreed | C3-212327 | - |
| C3-212402 | Nnwdaf\_MLModelProvision Service API | Huawei, China Mobile | agreed | C3-212328 | - |
| C3-212403 | Clean up of Network Data Analysis procedures | Huawei | agreed | C3-212329 | - |
| C3-212404 | Reply LS on Server Domain Name Usage for Application Traffic Detection | Huawei | approved | C3-212342 | - |
| C3-212405 | LS to 3GPP SA2 on ARP PL | GSMA NG NRG | noted | - | - |
| C3-212406 | Support of notifications of SAR changes | Ericsson | agreed | C3-212108 | - |
| C3-212407 | Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP | China Telecommunications, Ericsson | revised | C3-212122 | C3-212591 |
| C3-212408 | Enabling Dynamic Changes of AM Policies in AMPolicyControl | Nokia, Nokia Shanghai Bell | revised | C3-212125 | C3-212598 |
| C3-212409 | Application Detection triggering for dynamic AM policy changes | Nokia, Nokia Shanghai Bell | revised | C3-212126 | C3-212599 |
| C3-212410 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | revised | C3-212149 | C3-212590 |
| C3-212411 | Pseudo-CR on Scope of TS | Ericsson | agreed | C3-212292 | - |
| C3-212412 | Pseudo-CR on Resource Structure | Ericsson | agreed | C3-212305 | - |
| C3-212413 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Create service operation | Ericsson | agreed | C3-212309 | - |
| C3-212414 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CommonData API | Huawei | agreed | C3-212052 | - |
| C3-212415 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ResourceManagementOfBdt API | Huawei | agreed | C3-212054 | - |
| C3-212416 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ChargeableParty API | Huawei | agreed | C3-212055 | - |
| C3-212417 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NIDD API | Huawei | agreed | C3-212056 | - |
| C3-212418 | Adding some missing description fields to data type definitions in OpenAPI specification files of the DeviceTriggering API | Huawei | agreed | C3-212057 | - |
| C3-212419 | Adding some missing description fields to data type definitions in OpenAPI specification files of the GMDViaMBMS APIs | Huawei | agreed | C3-212058 | - |
| C3-212420 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ReportingNetworkStatus API | Huawei | agreed | C3-212059 | - |
| C3-212421 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CpProvisioning API | Huawei | agreed | C3-212060 | - |
| C3-212422 | Adding some missing description fields to data type definitions in OpenAPI specification files of the PfdManagement API | Huawei | agreed | C3-212061 | - |
| C3-212423 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ECRControl API | Huawei | agreed | C3-212062 | - |
| C3-212424 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NpConfiguration API | Huawei | agreed | C3-212063 | - |
| C3-212425 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AsSessionWithQoS API | Huawei | agreed | C3-212064 | - |
| C3-212426 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MsisdnLessMoSms API | Huawei | agreed | C3-212065 | - |
| C3-212427 | Adding some missing description fields to data type definitions in OpenAPI specification files of the RacsParameterProvisioning API | Huawei | agreed | C3-212066 | - |
| C3-212428 | Removal of invalid unbreakable spaces is some attributes description in the GMDViaMBMS and ReportingNetworkStatus APIs | Huawei | agreed | C3-212067 | - |
| C3-212429 | Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables | Huawei | agreed | C3-212079 | - |
| C3-212430 | Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables | Huawei | revised | C3-212082 | C3-212552 |
| C3-212431 | Correction of invalid characters in OpenAPI specification files | Huawei, Ericsson | agreed | C3-212096 | - |
| C3-212432 | Support of optional HTTP custom header fields | Ericsson | agreed | C3-212132 | - |
| C3-212433 | Support of optional HTTP custom header fields | Ericsson | agreed | C3-212133 | - |
| C3-212434 | MonitoringEvent API: TAB and missing "description" fields | Ericsson, Huawei | agreed | C3-212135 | - |
| C3-212435 | DiscoverService API: Unbreakable spaces and missing "description" field | Ericsson, Huawei | agreed | C3-212136 | - |
| C3-212436 | PublishService API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212137 | - |
| C3-212437 | Events API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212138 | - |
| C3-212438 | InvokerManagement API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212139 | - |
| C3-212439 | Security API: Unbreakable space and missing "description" fields | Ericsson, Huawei | agreed | C3-212140 | - |
| C3-212440 | AccessControlPolicy API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212141 | - |
| C3-212441 | LoggingAPIInvocation API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212142 | - |
| C3-212442 | Auditing API: Unbreakable spaces | Ericsson, Huawei | agreed | C3-212143 | - |
| C3-212443 | AEFSecurity API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212144 | - |
| C3-212444 | API\_Provider\_Management API: Missing "description" fields | Ericsson, Huawei | agreed | C3-212145 | - |
| C3-212445 | RoutingInfo API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | agreed | C3-212146 | - |
| C3-212446 | Skeleton of TS 29.xxx for 5G Application Function ProSe Service | CATT | agreed | C3-212033 | - |
| C3-212447 | Scope of TS 29.xxx for 5G Application Function ProSe Service | CATT | agreed | C3-212034 | - |
| C3-212448 | Adding a missing description field to data type definitions in OpenAPI specification files of the Naanf\_AKMA API | Huawei | agreed | C3-212097 | - |
| C3-212449 | Custom operation URI | ZTE, Ericsson | agreed | C3-212254 | - |
| C3-212450 | Support Local MBMS | Huawei | agreed | C3-212188 | - |
| C3-212451 | Introduction of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212189 | - |
| C3-212452 | Procedure of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212190 | - |
| C3-212453 | Resources and methods of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212191 | - |
| C3-212454 | Support Time Sensing Communication other than TSN | Huawei | agreed | C3-212176 | - |
| C3-212455 | Support Time Sensing Communication other than TSN | Huawei | agreed | C3-212177 | - |
| C3-212456 | Support survival time | Huawei | agreed | C3-212178 | - |
| C3-212457 | Support survival time | Huawei | agreed | C3-212179 | - |
| C3-212458 | Adding some missing description fields to data type definitions in OpenAPI specification files of the TrafficInfluence API | Huawei | agreed | C3-212084 | - |
| C3-212459 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NiddConfigurationTrigger API | Huawei | agreed | C3-212085 | - |
| C3-212460 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AnalyticsExposure API | Huawei | agreed | C3-212086 | - |
| C3-212461 | Adding some missing description fields to data type definitions in OpenAPI specification files of the 5GLANParameterProvision API | Huawei | agreed | C3-212087 | - |
| C3-212462 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ApplyingBdtPolicy API | Huawei | agreed | C3-212088 | - |
| C3-212463 | Adding some missing description fields to data type definitions in OpenAPI specification files of the IPTVConfiguration API | Huawei | agreed | C3-212089 | - |
| C3-212464 | Adding some missing description fields to data type definitions in OpenAPI specification files of the LpiParameterProvision API | Huawei | agreed | C3-212090 | - |
| C3-212465 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ServiceParameter API | Huawei | agreed | C3-212091 | - |
| C3-212466 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ACSParameterProvision API | Huawei | agreed | C3-212092 | - |
| C3-212467 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MoLcsNotify API | Huawei | agreed | C3-212093 | - |
| C3-212468 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AKMA API | Huawei | agreed | C3-212094 | - |
| C3-212469 | Additional corrections to HTTP custom headers handling for Northbound APIs | Huawei | agreed | C3-212095 | - |
| C3-212470 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | revised | C3-212262 | C3-212580 |
| C3-212471 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | agreed | - | - |
| C3-212472 | Addition of missing abbreviations. | NTT corporation | agreed | C3-212151 | - |
| C3-212473 | Adding missing description for partial failure operation | KDDI, Huawei | revised | C3-212029 | C3-212600 |
| C3-212474 | Adding missing description for partial failure operation | KDDI, Huawei | revised | C3-212030 | C3-212601 |
| C3-212475 | Correction on the value of confidence | ZTE | agreed | C3-212245 | - |
| C3-212476 | Correction on the value of confidence | ZTE | agreed | C3-212246 | - |
| C3-212477 | Correction to NSI Load Level Information | Ericsson | agreed | C3-212284 | - |
| C3-212478 | Correction to NSI Load Level Information | Ericsson | agreed | C3-212285 | - |
| C3-212479 | Clarification of accouting for the interworking scenario | Huawei, Ericsson | agreed | C3-212207 | - |
| C3-212480 | Common default HTTP response | ZTE | agreed | C3-212256 | - |
| C3-212481 | Updates to AF Application Identifier in ChargeableParty API | Ericsson | agreed | C3-212291 | - |
| C3-212482 | Updates to AF Application Identifier in AsSessionWithQoS API | Ericsson, AT&T | agreed | C3-212293 | - |
| C3-212483 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | agreed | C3-212294 | - |
| C3-212484 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | agreed | C3-212296 | - |
| C3-212485 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | agreed | C3-212297 | - |
| C3-212486 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | agreed | C3-212298 | - |
| C3-212487 | Void | mcc | withdrawn | - | - |
| C3-212488 | Updates to support L2TP for CUPS | Ericsson | agreed | C3-212345 | - |
| C3-212489 | Correction to LDR geographic area | Ericsson | agreed | C3-212287 | - |
| C3-212490 | Correction to LDR geographic area | Ericsson | agreed | C3-212288 | - |
| C3-212491 | Correction to LDR geographic area | Ericsson | agreed | C3-212289 | - |
| C3-212492 | Correction to LDR geographic area | Ericsson | agreed | C3-212290 | - |
| C3-212493 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | agreed | C3-212209 | - |
| C3-212494 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | agreed | C3-212210 | - |
| C3-212495 | Termination of Downlink Message Delivery procedure | ZTE | agreed | C3-212227 | - |
| C3-212496 | Correction of resource name in File Distribution termination procedure | ZTE | agreed | C3-212228 | - |
| C3-212497 | Termination of File Distribution procedure | ZTE | agreed | C3-212229 | - |
| C3-212498 | Termination of Network Resource Reservation procedure | ZTE | agreed | C3-212231 | - |
| C3-212499 | Correction of resource name in Dynamic Group Configuration procedure | ZTE | agreed | C3-212232 | - |
| C3-212500 | Termination of Dynamic Group Configuration procedure | ZTE | agreed | C3-212233 | - |
| C3-212501 | Termination of Dynamic Group Configuration procedure procedure | ZTE | agreed | - | - |
| C3-212502 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | revised | C3-212352 | C3-212575 |
| C3-212503 | Correction to OSD handling | Ericsson | revised | C3-212051 | C3-212568 |
| C3-212504 | Correction to usage monitoring for Non-3GPP | Huawei | agreed | C3-212195 | - |
| C3-212505 | Correct the disabling usage monitoring | Huawei | agreed | C3-212203 | - |
| C3-212506 | Correct the offline charging only | Huawei | agreed | C3-212206 | - |
| C3-212507 | Satellite backhaul change policy control request trigger | Qualcomm Incorporated, Ericsson | agreed | C3-212211 | - |
| C3-212508 | Correction to expiry time | Huawei | agreed | C3-212158 | - |
| C3-212509 | Correction to expiry time | Huawei | agreed | C3-212159 | - |
| C3-212510 | Correction to notification correlation id | Huawei | agreed | C3-212160 | - |
| C3-212511 | Correction to notification correlation id | Huawei | agreed | C3-212161 | - |
| C3-212512 | Correction to QoS control in the VPLMN | Ericsson | agreed | C3-212321 | - |
| C3-212513 | Correction to QoS control in the VPLMN | Ericsson | agreed | C3-212322 | - |
| C3-212514 | Revised WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Com. Corporation | agreed | C3-212049 | - |
| C3-212515 | Pseudo-CR on architecture aspects of the Npcf\_AMPolicyAuthorization service | Ericsson | agreed | C3-212299 | - |
| C3-212516 | Pseudo-CR on Description of NF service consumers and PCF | Ericsson | agreed | C3-212300 | - |
| C3-212517 | Pseudo-CR on Npcf\_AMPolicyAuthorization Service Operations | Ericsson | agreed | C3-212302 | - |
| C3-212518 | Pseudo-CR on Notifications for the Npcf\_AMPolicyAuthorization service | Ericsson | agreed | C3-212307 | - |
| C3-212519 | Revised WID on eEDGE\_5GC | Huawei | endorsed | C3-212116 | - |
| C3-212520 | TS 29.558 v0.3.0 | Samsung Electronics Iberia SA | agreed | - | - |
| C3-212521 | 29.213 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | agreed | C3-212020 | - |
| C3-212522 | 29.513 PCF control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | agreed | C3-212023 | - |
| C3-212523 | LS on App ID Usage in NEF Related Service API in Rel 17 | SA4 | noted | - | - |
| C3-212524 | LS Reply on NSI ID on N7 interface | SA2 | postponed | - | - |
| C3-212525 | LS response on Support of AF instance change | SA2 | noted | - | - |
| C3-212526 | Reply LS on QoS monitoring control for Service Data Flows | SA2 | noted | - | - |
| C3-212527 | LS Reply on Server Domain Name Usage for Application Traffic Detection | SA2 | noted | - | - |
| C3-212528 | Reply LS on the support of L2TP with CUPS | SA2 | noted | - | - |
| C3-212529 | LS Response on the input parameters of the LCS subscription request from an AF via NEF | SA2 | postponed | - | - |
| C3-212530 | Correction of AaaUsage | KDDI | not pursued | C3-212025 | - |
| C3-212531 | Correction of AaaUsage | KDDI | revised | C3-212026 | C3-212602 |
| C3-212532 | Correction of AccessRightStatus | KDDI | not pursued | C3-212027 | - |
| C3-212533 | Correction of AccessRightStatus | KDDI | revised | C3-212028 | C3-212603 |
| C3-212534 | TWAN level accuracy applicability | Huawei | agreed | C3-212333 | - |
| C3-212535 | TWAN level accuracy applicability | Huawei | agreed | C3-212334 | - |
| C3-212536 | TWAN level accuracy applicability | Huawei | agreed | C3-212335 | - |
| C3-212537 | Format of location information | Huawei | agreed | C3-212336 | - |
| C3-212538 | Format of location information | Huawei | postponed | C3-212337 | - |
| C3-212539 | Format of location information | Huawei | postponed | C3-212338 | - |
| C3-212540 | Correction to access network info report | Huawei | agreed | C3-212169 | - |
| C3-212541 | QoS flow binding for QoS monitoring | Huawei | agreed | C3-212170 | - |
| C3-212542 | QoS flow binding for QoS monitoring | Huawei | agreed | C3-212171 | - |
| C3-212543 | Correct the error code MISS\_FLOW\_INFO | Huawei | agreed | C3-212152 | - |
| C3-212544 | Correct the error code MISS\_FLOW\_INFO | Huawei | agreed | C3-212153 | - |
| C3-212545 | Correct the error code MISS\_FLOW\_INFO | Huawei | agreed | C3-212154 | - |
| C3-212546 | Correction on 404 Not Found | ZTE | agreed | C3-212237 | - |
| C3-212547 | Correction on 404 Not Found | ZTE | agreed | C3-212238 | - |
| C3-212548 | Correction on 404 Not Found | ZTE | agreed | C3-212239 | - |
| C3-212549 | Correction to Load Level Information | Ericsson | agreed | C3-212281 | - |
| C3-212550 | Correction to Load Level Information | Ericsson | agreed | C3-212282 | - |
| C3-212551 | Correction to Load Level Information | Ericsson | agreed | C3-212283 | - |
| C3-212552 | Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables | Huawei | agreed | C3-212430 | - |
| C3-212553 | Missing data type in the Naanf\_AKMA Service API Data Types tables | Huawei, ZTE | agreed | C3-212098 | - |
| C3-212554 | LS on Clarification on the API design principles | Samsung Electronics Iberia SA | approved | - | - |
| C3-212555 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Update service operation | Ericsson | agreed | C3-212314 | - |
| C3-212556 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Delete service operation | Ericsson | agreed | C3-212315 | - |
| C3-212557 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Subscribe service operation | Ericsson | agreed | C3-212316 | - |
| C3-212558 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Unsubscribe service operation | Ericsson | agreed | C3-212317 | - |
| C3-212559 | Pseudo-CR on Npcf\_AMPolicyAuthorization\_Notfiy service operation | Ericsson | agreed | C3-212318 | - |
| C3-212560 | Pseudo-CR on Data model for the Npcf\_AMPolicyAuthorization API | Ericsson | agreed | C3-212319 | - |
| C3-212561 | Pseudo-CR on OpenAPI file | Ericsson | agreed | C3-212320 | - |
| C3-212562 | Pseudo-CR on Overview of the Npcf\_AMPolicyAuthorization service | Ericsson | agreed | C3-212295 | - |
| C3-212563 | 5G ProSe related updates to Nudr | Huawei | agreed | C3-212103 | - |
| C3-212564 | OpenAPI file of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212192 | - |
| C3-212565 | TS 29.534 v0.1.0 | Ericsson | agreed | - | - |
| C3-212566 | TS 29.552 v0.1.0 | Huawei | agreed | - | - |
| C3-212567 | Skeleton of TS 29.552 v0.0.0 | Huawei | agreed | C3-212388 | - |
| C3-212568 | Correction to OSD handling | Ericsson | agreed | C3-212503 | - |
| C3-212569 | LS reply on the support of L2TP with CUPS | Ericsson | approved | C3-212343 | - |
| C3-212570 | Updates 5GS interwroking with EPS for EAP based re-auth in Diameter message flow | Ericsson | agreed | C3-212274 | - |
| C3-212571 | GLI report | Huawei | agreed | C3-212199 | - |
| C3-212572 | GLI report | Huawei | agreed | C3-212200 | - |
| C3-212573 | Clarifiction of PCF Requested Usage Report | Huawei | agreed | C3-212201 | - |
| C3-212574 | Clarifiction of PCF Requested Usage Report | Huawei | agreed | C3-212202 | - |
| C3-212575 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | agreed | C3-212502 | - |
| C3-212576 | Correction to the termination procedure | Huawei | agreed | C3-212164 | - |
| C3-212577 | Correction to the termination procedure | Huawei | agreed | C3-212165 | - |
| C3-212578 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | agreed | C3-212166 | - |
| C3-212579 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | agreed | C3-212167 | - |
| C3-212580 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | revised | C3-212470 | C3-212593 |
| C3-212581 | Correction to Framed IP | Ericsson | agreed | C3-212275 | - |
| C3-212582 | Correction to Framed IP | Ericsson | agreed | C3-212276 | - |
| C3-212583 | Correction to Framed IP | Ericsson | agreed | C3-212277 | - |
| C3-212584 | Correction to Framed IP | Ericsson | agreed | C3-212278 | - |
| C3-212585 | Correction to Framed IP | Ericsson | agreed | C3-212279 | - |
| C3-212586 | Correction to Framed IP | Ericsson | agreed | C3-212280 | - |
| C3-212587 | Correction to policyCounterId | Huawei | agreed | C3-212155 | - |
| C3-212588 | Correction to policyCounterId | Huawei | agreed | C3-212156 | - |
| C3-212589 | Correction to policyCounterId | Huawei | agreed | C3-212157 | - |
| C3-212590 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | agreed | C3-212410 | - |
| C3-212591 | Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP | China Telecommunications, Ericsson | agreed | C3-212407 | - |
| C3-212592 | Status of CT3 Work Items | CT3 chairman | noted | C3-212012 | - |
| C3-212593 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | agreed | C3-212580 | - |
| C3-212594 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow | Ericsson | agreed | C3-212271 | - |
| C3-212595 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | Ericsson | agreed | C3-212273 | - |
| C3-212596 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei | agreed | C3-212393 | - |
| C3-212597 | Adding NWDAF as NWDAF services consumer due to analytics aggregation | Nokia, Nokia Shanghai Bell | agreed | C3-212394 | - |
| C3-212598 | Enabling Dynamic Changes of AM Policies in AMPolicyControl | Nokia, Nokia Shanghai Bell | agreed | C3-212408 | - |
| C3-212599 | Application Detection triggering for dynamic AM policy changes | Nokia, Nokia Shanghai Bell | agreed | C3-212409 | - |
| C3-212600 | Adding missing description for partial failure operation | KDDI, Huawei | agreed | C3-212473 | - |
| C3-212601 | Adding missing description for partial failure operation | KDDI, Huawei | agreed | C3-212474 | - |
| C3-212602 | Correction of AaaUsage | KDDI | agreed | C3-212531 | - |
| C3-212603 | Correction of AccessRightStatus | KDDI | agreed | C3-212533 | - |
| C3-212604 | Correction to Charging Information | Ericsson | agreed | C3-212113 | - |
| C3-212605 | Correction to Charging Information | Ericsson | agreed | C3-212037 | - |
| C3-212606 | Correction to UserPlaneEvent applicability in AsSessionWithQoS API | Ericsson | agreed | C3-212286 | - |

### A2: Tdoc decision timing

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| --- | --- | --- |
| Document | Date/time UTC | Decision |
| C3-212000 | 2021-04-21 07:54:47 | noted |
| C3-212001 | 2021-04-21 07:54:48 | noted |
| C3-212002 | 2021-04-23 11:50:43 | noted |
| C3-212003 | 2021-04-23 11:50:44 | noted |
| C3-212004 | 2021-04-23 11:50:46 | noted |
| C3-212005 | 2021-04-23 11:50:47 | noted |
| C3-212006 | 2021-04-23 11:50:47 | noted |
| C3-212007 | 2021-04-23 11:50:48 | noted |
| C3-212008 | 2021-04-23 11:50:49 | noted |
| C3-212009 | 2021-04-23 11:50:50 | noted |
| C3-212010 | 2021-04-23 11:50:51 | noted |
| C3-212011 | 2021-04-26 06:48:16 | noted |
| C3-212012 | 2021-04-22 15:39:06 | revised |
| C3-212013 | 2021-04-14 12:09:43 | noted |
| C3-212014 | 2021-04-14 12:09:40 | approved |
| C3-212015 | 2021-04-23 12:58:55 | noted |
| C3-212016 | 2021-04-23 12:58:56 | noted |
| C3-212017 | 2021-04-21 07:54:45 | noted |
| C3-212018 | 2021-04-14 14:07:57 | noted |
| C3-212019 | 2021-04-15 12:56:28 | revised |
| C3-212020 | 2021-04-15 12:57:33 | available |
| C3-212020 | 2021-04-19 16:27:31 | revised |
| C3-212021 | 2021-04-15 13:06:39 | revised |
| C3-212022 | 2021-04-15 12:56:55 | revised |
| C3-212023 | 2021-04-15 13:06:58 | available |
| C3-212023 | 2021-04-19 16:27:57 | revised |
| C3-212024 | 2021-04-15 13:07:12 | revised |
| C3-212025 | 2021-04-20 12:02:34 | revised |
| C3-212026 | 2021-04-20 12:03:00 | revised |
| C3-212027 | 2021-04-20 12:03:46 | revised |
| C3-212028 | 2021-04-20 12:03:49 | revised |
| C3-212029 | 2021-04-19 12:16:20 | revised |
| C3-212030 | 2021-04-19 12:16:36 | revised |
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| C3-212032 | 2021-04-14 12:45:54 | revised |
| C3-212033 | 2021-04-16 12:38:48 | revised |
| C3-212034 | 2021-04-16 12:39:09 | revised |
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| C3-212036 | 2021-04-14 13:17:54 | revised |
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| C3-212038 | 2021-04-14 13:19:15 | revised |
| C3-212039 | 2021-04-23 12:01:16 | noted |
| C3-212040 | 2021-04-14 12:24:58 | noted |
| C3-212041 | 2021-04-21 07:55:09 | noted |
| C3-212042 | 2021-04-21 07:55:10 | noted |
| C3-212043 | 2021-04-21 07:55:14 | noted |
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| C3-212048 | 2021-04-21 13:36:53 | noted |
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| C3-212086 | 2021-04-19 12:03:41 | revised |
| C3-212087 | 2021-04-19 12:03:59 | revised |
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| C3-212316 | 2021-04-21 13:20:39 | revised |
| C3-212317 | 2021-04-21 13:20:52 | revised |
| C3-212318 | 2021-04-21 13:21:26 | revised |
| C3-212319 | 2021-04-21 13:21:38 | revised |
| C3-212320 | 2021-04-21 13:21:56 | revised |
| C3-212321 | 2021-04-19 13:58:32 | revised |
| C3-212322 | 2021-04-19 13:58:46 | revised |
| C3-212323 | 2021-04-15 14:10:11 | revised |
| C3-212324 | 2021-04-15 14:10:32 | revised |
| C3-212325 | 2021-04-15 14:10:41 | revised |
| C3-212326 | 2021-04-15 14:10:51 | revised |
| C3-212327 | 2021-04-15 14:11:03 | revised |
| C3-212328 | 2021-04-15 14:11:16 | revised |
| C3-212329 | 2021-04-15 14:13:55 | revised |
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| C3-212331 | 2021-04-22 13:06:57 | agreed |
| C3-212332 | 2021-04-22 13:07:01 | agreed |
| C3-212333 | 2021-04-20 12:25:42 | revised |
| C3-212334 | 2021-04-20 12:26:37 | revised |
| C3-212335 | 2021-04-20 12:26:53 | revised |
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| C3-212337 | 2021-04-20 12:46:27 | revised |
| C3-212338 | 2021-04-20 12:46:35 | revised |
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| C3-212341 | 2021-04-22 13:33:45 | agreed |
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| C3-212342 | 2021-04-15 14:24:10 | revised |
| C3-212343 | 2021-04-21 13:41:58 | agreed |
| C3-212343 | 2021-04-21 13:42:01 | available |
| C3-212343 | 2021-04-22 11:07:15 | revised |
| C3-212344 | 2021-04-19 13:02:33 | available |
| C3-212344 | 2021-04-19 13:09:12 | revised |
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| C3-212345 | 2021-04-19 13:12:55 | revised |
| C3-212346 | 2021-04-19 13:11:03 | noted |
| C3-212347 | 2021-04-19 13:11:04 | noted |
| C3-212348 | 2021-04-19 13:11:05 | noted |
| C3-212349 | 2021-04-19 13:11:06 | noted |
| C3-212350 | 2021-04-19 13:11:07 | noted |
| C3-212351 | 2021-04-14 12:30:35 | noted |
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| C3-212358 | 2021-04-23 12:18:07 | endorsed |
| C3-212359 | 2021-04-21 13:56:21 | endorsed |
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| C3-212361 | 2021-04-21 13:59:37 | agreed |
| C3-212362 | 2021-04-21 13:56:40 | agreed |
| C3-212363 | 2021-04-19 14:13:44 | agreed |
| C3-212364 | 2021-04-22 13:35:54 | endorsed |
| C3-212365 | 2021-04-16 12:03:31 | noted |
| C3-212366 | 2021-04-21 12:26:05 | agreed |
| C3-212367 | 2021-04-23 13:02:27 | agreed |
| C3-212368 | 2021-04-23 13:03:00 | agreed |
| C3-212369 | 2021-04-23 13:03:03 | agreed |
| C3-212370 | 2021-04-23 13:04:03 | agreed |
| C3-212371 | 2021-04-21 13:27:59 | agreed |
| C3-212372 | 2021-04-21 13:28:00 | agreed |
| C3-212373 | 2021-04-23 12:23:06 | agreed |
| C3-212374 | 2021-04-22 14:01:24 | agreed |
| C3-212375 | 2021-04-23 12:23:10 | agreed |
| C3-212376 | 2021-04-21 08:27:04 | withdrawn |
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| C3-212378 | 2021-04-21 13:36:01 | agreed |
| C3-212379 | 2021-04-22 13:36:37 | agreed |
| C3-212380 | 2021-04-22 13:36:47 | agreed |
| C3-212381 | 2021-04-22 13:36:40 | agreed |
| C3-212382 | 2021-04-22 13:36:56 | agreed |
| C3-212383 | 2021-04-21 13:22:44 | agreed |
| C3-212384 | 2021-04-23 12:23:16 | agreed |
| C3-212385 | 2021-04-21 13:35:10 | agreed |
| C3-212386 | 2021-04-21 13:36:09 | agreed |
| C3-212387 | 2021-04-21 13:34:49 | agreed |
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| C3-212389 | 2021-04-21 13:37:20 | agreed |
| C3-212390 | 2021-04-22 14:03:13 | agreed |
| C3-212391 | 2021-04-22 14:03:15 | agreed |
| C3-212392 | 2021-04-22 14:03:16 | agreed |
| C3-212393 | 2021-04-22 14:03:19 | agreed |
| C3-212393 | 2021-04-23 10:07:30 | revised |
| C3-212394 | 2021-04-22 14:03:24 | agreed |
| C3-212394 | 2021-04-23 10:07:57 | revised |
| C3-212395 | 2021-04-22 14:03:30 | agreed |
| C3-212396 | 2021-04-22 14:03:33 | agreed |
| C3-212397 | 2021-04-21 13:41:30 | agreed |
| C3-212398 | 2021-04-21 13:41:32 | agreed |
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| C3-212400 | 2021-04-21 13:41:40 | agreed |
| C3-212401 | 2021-04-21 13:41:45 | agreed |
| C3-212402 | 2021-04-21 13:41:50 | agreed |
| C3-212403 | 2021-04-21 13:41:53 | agreed |
| C3-212404 | 2021-04-21 13:46:05 | approved |
| C3-212405 | 2021-04-16 12:03:30 | noted |
| C3-212406 | 2021-04-21 13:15:00 | agreed |
| C3-212407 | 2021-04-22 13:54:00 | agreed |
| C3-212407 | 2021-04-22 13:55:48 | revised |
| C3-212408 | 2021-04-22 13:54:02 | agreed |
| C3-212408 | 2021-04-23 10:08:15 | revised |
| C3-212409 | 2021-04-22 13:54:05 | agreed |
| C3-212409 | 2021-04-23 10:08:19 | revised |
| C3-212410 | 2021-04-22 13:54:14 | agreed |
| C3-212410 | 2021-04-22 13:54:30 | revised |
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| C3-212412 | 2021-04-22 13:57:27 | agreed |
| C3-212413 | 2021-04-22 13:57:34 | agreed |
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| C3-212415 | 2021-04-21 12:19:21 | agreed |
| C3-212416 | 2021-04-21 12:19:23 | agreed |
| C3-212417 | 2021-04-21 12:19:26 | agreed |
| C3-212418 | 2021-04-21 12:19:35 | agreed |
| C3-212419 | 2021-04-21 12:19:37 | agreed |
| C3-212420 | 2021-04-21 12:19:40 | agreed |
| C3-212421 | 2021-04-21 12:19:47 | agreed |
| C3-212422 | 2021-04-21 12:19:48 | agreed |
| C3-212423 | 2021-04-21 12:19:54 | agreed |
| C3-212424 | 2021-04-21 12:19:55 | agreed |
| C3-212425 | 2021-04-21 12:19:57 | agreed |
| C3-212426 | 2021-04-21 12:20:04 | agreed |
| C3-212427 | 2021-04-21 12:20:05 | agreed |
| C3-212428 | 2021-04-21 12:20:10 | agreed |
| C3-212429 | 2021-04-21 12:20:25 | agreed |
| C3-212430 | 2021-04-21 10:55:38 | revised |
| C3-212431 | 2021-04-21 12:21:23 | agreed |
| C3-212432 | 2021-04-21 12:26:12 | agreed |
| C3-212433 | 2021-04-21 12:26:13 | agreed |
| C3-212434 | 2021-04-21 12:21:30 | agreed |
| C3-212435 | 2021-04-21 12:21:33 | agreed |
| C3-212436 | 2021-04-21 12:21:38 | agreed |
| C3-212437 | 2021-04-21 12:21:39 | agreed |
| C3-212438 | 2021-04-21 12:21:45 | agreed |
| C3-212439 | 2021-04-21 12:21:48 | agreed |
| C3-212440 | 2021-04-21 12:21:52 | agreed |
| C3-212441 | 2021-04-21 12:21:53 | agreed |
| C3-212442 | 2021-04-21 12:21:56 | agreed |
| C3-212443 | 2021-04-21 12:22:01 | agreed |
| C3-212444 | 2021-04-21 12:22:02 | agreed |
| C3-212445 | 2021-04-21 12:22:09 | agreed |
| C3-212446 | 2021-04-23 12:18:31 | agreed |
| C3-212447 | 2021-04-23 12:18:33 | agreed |
| C3-212448 | 2021-04-21 12:26:26 | agreed |
| C3-212449 | 2021-04-21 12:28:01 | agreed |
| C3-212450 | 2021-04-22 14:04:43 | agreed |
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| C3-212455 | 2021-04-23 12:22:46 | agreed |
| C3-212456 | 2021-04-23 12:22:49 | agreed |
| C3-212457 | 2021-04-23 12:22:51 | agreed |
| C3-212458 | 2021-04-21 12:20:40 | agreed |
| C3-212459 | 2021-04-21 12:20:42 | agreed |
| C3-212460 | 2021-04-21 12:20:44 | agreed |
| C3-212461 | 2021-04-21 12:20:48 | agreed |
| C3-212462 | 2021-04-21 12:20:51 | agreed |
| C3-212463 | 2021-04-21 12:21:00 | agreed |
| C3-212464 | 2021-04-21 12:21:01 | agreed |
| C3-212465 | 2021-04-21 12:21:05 | agreed |
| C3-212466 | 2021-04-21 12:21:08 | agreed |
| C3-212467 | 2021-04-21 12:21:12 | agreed |
| C3-212468 | 2021-04-21 12:21:16 | agreed |
| C3-212469 | 2021-04-21 12:21:19 | agreed |
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| C3-212473 | 2021-04-23 10:08:37 | revised |
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| C3-212474 | 2021-04-23 10:08:42 | revised |
| C3-212475 | 2021-04-22 12:33:52 | agreed |
| C3-212476 | 2021-04-22 12:33:55 | agreed |
| C3-212477 | 2021-04-22 12:33:57 | agreed |
| C3-212478 | 2021-04-22 12:34:03 | agreed |
| C3-212479 | 2021-04-22 12:21:41 | agreed |
| C3-212480 | 2021-04-22 12:21:45 | agreed |
| C3-212481 | 2021-04-22 12:22:38 | agreed |
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| C3-212483 | 2021-04-22 12:22:41 | agreed |
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| C3-212490 | 2021-04-22 12:47:00 | agreed |
| C3-212491 | 2021-04-22 12:47:07 | agreed |
| C3-212492 | 2021-04-22 12:47:08 | agreed |
| C3-212493 | 2021-04-22 12:48:32 | agreed |
| C3-212494 | 2021-04-22 12:48:33 | agreed |
| C3-212495 | 2021-04-23 12:32:12 | agreed |
| C3-212496 | 2021-04-22 12:51:38 | agreed |
| C3-212497 | 2021-04-23 12:32:13 | agreed |
| C3-212498 | 2021-04-23 12:32:18 | agreed |
| C3-212499 | 2021-04-22 12:51:48 | agreed |
| C3-212500 | 2021-04-22 12:51:49 | agreed |
| C3-212501 | 2021-04-23 12:32:24 | agreed |
| C3-212502 | 2021-04-22 12:20:56 | revised |
| C3-212503 | 2021-04-22 09:54:00 | revised |
| C3-212504 | 2021-04-23 12:24:57 | agreed |
| C3-212505 | 2021-04-23 12:25:38 | agreed |
| C3-212506 | 2021-04-22 12:21:38 | agreed |
| C3-212507 | 2021-04-22 12:04:26 | agreed |
| C3-212508 | 2021-04-22 12:29:41 | agreed |
| C3-212509 | 2021-04-22 12:29:43 | agreed |
| C3-212510 | 2021-04-22 12:29:45 | agreed |
| C3-212511 | 2021-04-22 12:29:51 | agreed |
| C3-212512 | 2021-04-23 12:17:02 | agreed |
| C3-212513 | 2021-04-23 12:17:03 | agreed |
| C3-212514 | 2021-04-22 13:35:24 | agreed |
| C3-212515 | 2021-04-23 12:21:56 | agreed |
| C3-212516 | 2021-04-23 12:21:57 | agreed |
| C3-212517 | 2021-04-22 13:57:10 | agreed |
| C3-212518 | 2021-04-22 13:57:29 | agreed |
| C3-212519 | 2021-04-21 13:56:52 | endorsed |
| C3-212520 | 2021-04-29 15:45:30 | agreed |
| C3-212521 | 2021-04-22 13:36:38 | agreed |
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| C3-212523 | 2021-04-23 12:01:53 | noted |
| C3-212524 | 2021-04-21 12:06:58 | postponed |
| C3-212525 | 2021-04-21 12:09:29 | noted |
| C3-212526 | 2021-04-23 13:05:34 | noted |
| C3-212527 | 2021-04-21 12:10:36 | noted |
| C3-212528 | 2021-04-23 12:04:26 | noted |
| C3-212529 | 2021-04-21 12:12:09 | postponed |
| C3-212530 | 2021-04-21 13:47:29 | not pursued |
| C3-212531 | 2021-04-21 13:47:34 | not pursued |
| C3-212531 | 2021-04-21 13:47:38 | available |
| C3-212531 | 2021-04-22 12:29:01 | agreed |
| C3-212531 | 2021-04-23 10:09:00 | revised |
| C3-212532 | 2021-04-21 13:49:30 | not pursued |
| C3-212533 | 2021-04-22 12:29:02 | agreed |
| C3-212533 | 2021-04-23 10:09:18 | revised |
| C3-212534 | 2021-04-22 13:07:08 | agreed |
| C3-212535 | 2021-04-22 13:07:11 | agreed |
| C3-212536 | 2021-04-22 13:07:16 | agreed |
| C3-212537 | 2021-04-23 12:05:18 | agreed |
| C3-212538 | 2021-04-23 09:40:07 | postponed |
| C3-212539 | 2021-04-23 09:40:08 | postponed |
| C3-212540 | 2021-04-23 10:09:30 | revised |
| C3-212540 | 2021-04-23 10:10:07 | agreed |
| C3-212540 | 2021-04-23 10:10:18 | approved |
| C3-212540 | 2021-04-23 10:10:20 | reserved |
| C3-212540 | 2021-04-23 10:10:21 | available |
| C3-212540 | 2021-04-23 12:32:30 | agreed |
| C3-212541 | 2021-04-23 12:16:41 | agreed |
| C3-212542 | 2021-04-23 12:16:42 | agreed |
| C3-212543 | 2021-04-22 12:53:41 | agreed |
| C3-212544 | 2021-04-22 12:53:43 | agreed |
| C3-212545 | 2021-04-22 12:53:44 | agreed |
| C3-212546 | 2021-04-22 12:54:04 | agreed |
| C3-212547 | 2021-04-22 12:54:05 | agreed |
| C3-212548 | 2021-04-22 12:54:06 | agreed |
| C3-212549 | 2021-04-22 12:54:18 | agreed |
| C3-212550 | 2021-04-22 12:54:19 | agreed |
| C3-212551 | 2021-04-22 12:54:20 | agreed |
| C3-212552 | 2021-04-21 12:20:38 | agreed |
| C3-212553 | 2021-04-22 13:37:16 | agreed |
| C3-212554 | 2021-04-23 13:02:42 | approved |
| C3-212555 | 2021-04-23 12:22:14 | agreed |
| C3-212556 | 2021-04-23 12:22:15 | agreed |
| C3-212557 | 2021-04-22 13:58:07 | agreed |
| C3-212558 | 2021-04-22 13:58:17 | agreed |
| C3-212559 | 2021-04-22 13:58:22 | agreed |
| C3-212560 | 2021-04-22 13:58:27 | agreed |
| C3-212561 | 2021-04-22 13:58:32 | agreed |
| C3-212562 | 2021-04-23 12:22:26 | agreed |
| C3-212563 | 2021-04-22 14:02:33 | agreed |
| C3-212564 | 2021-04-23 12:24:37 | agreed |
| C3-212565 | 2021-05-03 07:46:32 | agreed |
| C3-212566 | 2021-05-03 07:46:36 | agreed |
| C3-212567 | 2021-04-22 14:03:03 | agreed |
| C3-212568 | 2021-04-23 12:24:47 | agreed |
| C3-212569 | 2021-04-22 12:02:27 | approved |
| C3-212570 | 2021-04-22 12:21:49 | agreed |
| C3-212571 | 2021-04-23 12:25:21 | agreed |
| C3-212572 | 2021-04-23 12:25:23 | agreed |
| C3-212573 | 2021-04-23 12:25:30 | agreed |
| C3-212574 | 2021-04-23 12:25:33 | agreed |
| C3-212575 | 2021-04-23 12:22:32 | agreed |
| C3-212576 | 2021-04-23 12:05:35 | agreed |
| C3-212577 | 2021-04-23 12:05:36 | agreed |
| C3-212578 | 2021-04-23 12:34:34 | agreed |
| C3-212579 | 2021-04-23 12:34:36 | agreed |
| C3-212580 | 2021-04-23 07:34:03 | revised |
| C3-212581 | 2021-04-23 12:04:48 | agreed |
| C3-212582 | 2021-04-23 12:04:49 | agreed |
| C3-212583 | 2021-04-23 12:04:50 | agreed |
| C3-212584 | 2021-04-23 12:04:52 | agreed |
| C3-212585 | 2021-04-23 12:04:54 | agreed |
| C3-212586 | 2021-04-23 12:04:57 | agreed |
| C3-212587 | 2021-04-23 12:05:02 | agreed |
| C3-212588 | 2021-04-23 12:05:05 | agreed |
| C3-212589 | 2021-04-23 12:05:07 | agreed |
| C3-212590 | 2021-04-22 14:14:53 | agreed |
| C3-212591 | 2021-04-22 14:14:44 | agreed |
| C3-212592 | 2021-04-26 06:48:39 | noted |
| C3-212593 | 2021-04-23 12:16:55 | agreed |
| C3-212594 | 2021-04-23 12:17:11 | agreed |
| C3-212595 | 2021-04-23 12:17:14 | agreed |
| C3-212596 | 2021-04-23 12:23:46 | agreed |
| C3-212597 | 2021-04-23 12:23:48 | agreed |
| C3-212598 | 2021-04-23 12:21:38 | agreed |
| C3-212599 | 2021-04-23 12:21:47 | agreed |
| C3-212600 | 2021-04-23 12:05:53 | agreed |
| C3-212601 | 2021-04-23 12:05:56 | agreed |
| C3-212602 | 2021-04-23 12:32:37 | agreed |
| C3-212603 | 2021-04-23 12:32:38 | agreed |
| C3-212604 | 2021-04-23 12:33:32 | agreed |
| C3-212605 | 2021-04-23 12:33:15 | agreed |
| C3-212606 | 2021-04-23 13:07:04 | agreed |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| C3-212275 | Correction to Framed IP | Ericsson | 29.061 | 0531 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-212581 | Correction to Framed IP | Ericsson | 29.061 | 0531 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212276 | Correction to Framed IP | Ericsson | 29.061 | 0532 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212582 | Correction to Framed IP | Ericsson | 29.061 | 0532 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212277 | Correction to Framed IP | Ericsson | 29.061 | 0533 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-212583 | Correction to Framed IP | Ericsson | 29.061 | 0533 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212304 | Editorial fix | Ericsson | 29.061 | 0534 | - | Rel-17 | D | SAES-St3-intwk, TEI17 | agreed |
| C3-212344 | Updates to support CUPS | Ericsson | 29.061 | 0535 | - | Rel-17 | B | TEI17, CUPS-CT | agreed |
| C3-212345 | Updates to support L2TP for CUPS | Ericsson | 29.061 | 0536 | - | Rel-17 | B | BEPoP | revised |
| C3-212488 | Updates to support L2TP for CUPS | Ericsson | 29.061 | 0536 | 1 | Rel-17 | B | BEPoP | agreed |
| C3-212346 | Updates to support L2TP in RADIUS message flow | Ericsson | 29.061 | 0537 | - | Rel-17 | B | BEPoP | noted |
| C3-212347 | Updates to support L2TP in Diameter message flow | Ericsson | 29.061 | 0538 | - | Rel-17 | B | BEPoP | noted |
| C3-212291 | Updates to AF Application Identifier in ChargeableParty API | Ericsson | 29.122 | 0341 | 2 | Rel-17 | B | NAPS-CT, TEI17 | revised |
| C3-212481 | Updates to AF Application Identifier in ChargeableParty API | Ericsson | 29.122 | 0341 | 3 | Rel-17 | B | NAPS-CT, TEI17 | agreed |
| C3-212293 | Updates to AF Application Identifier in AsSessionWithQoS API | Ericsson | 29.122 | 0342 | 2 | Rel-17 | B | NAPS-CT, TEI17 | revised |
| C3-212482 | Updates to AF Application Identifier in AsSessionWithQoS API | Ericsson, AT&T | 29.122 | 0342 | 3 | Rel-17 | B | NAPS-CT, TEI17 | agreed |
| C3-212294 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | 29.122 | 0347 | 2 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | revised |
| C3-212483 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | 29.122 | 0347 | 3 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | agreed |
| C3-212297 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | 29.122 | 0348 | 2 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | revised |
| C3-212485 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | 29.122 | 0348 | 3 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | agreed |
| C3-212052 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CommonData API | Huawei | 29.122 | 0390 | - | Rel-17 | F | TEI17 | revised |
| C3-212414 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CommonData API | Huawei | 29.122 | 0390 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212053 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MonitoringEvent API | Huawei | 29.122 | 0391 | - | Rel-17 | F | TEI17 | merged |
| C3-212054 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ResourceManagementOfBdt API | Huawei | 29.122 | 0392 | - | Rel-17 | F | TEI17 | revised |
| C3-212415 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ResourceManagementOfBdt API | Huawei | 29.122 | 0392 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212055 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ChargeableParty API | Huawei | 29.122 | 0393 | - | Rel-17 | F | TEI17 | revised |
| C3-212416 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ChargeableParty API | Huawei | 29.122 | 0393 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212056 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NIDD API | Huawei | 29.122 | 0394 | - | Rel-17 | F | TEI17 | revised |
| C3-212417 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NIDD API | Huawei | 29.122 | 0394 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212057 | Adding some missing description fields to data type definitions in OpenAPI specification files of the DeviceTriggering API | Huawei | 29.122 | 0395 | - | Rel-17 | F | TEI17 | revised |
| C3-212418 | Adding some missing description fields to data type definitions in OpenAPI specification files of the DeviceTriggering API | Huawei | 29.122 | 0395 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212058 | Adding some missing description fields to data type definitions in OpenAPI specification files of the GMDViaMBMS APIs | Huawei | 29.122 | 0396 | - | Rel-17 | F | TEI17 | revised |
| C3-212419 | Adding some missing description fields to data type definitions in OpenAPI specification files of the GMDViaMBMS APIs | Huawei | 29.122 | 0396 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212059 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ReportingNetworkStatus API | Huawei | 29.122 | 0397 | - | Rel-17 | F | TEI17 | revised |
| C3-212420 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ReportingNetworkStatus API | Huawei | 29.122 | 0397 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212060 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CpProvisioning API | Huawei | 29.122 | 0398 | - | Rel-17 | F | TEI17 | revised |
| C3-212421 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CpProvisioning API | Huawei | 29.122 | 0398 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212061 | Adding some missing description fields to data type definitions in OpenAPI specification files of the PfdManagement API | Huawei | 29.122 | 0399 | - | Rel-17 | F | TEI17 | revised |
| C3-212422 | Adding some missing description fields to data type definitions in OpenAPI specification files of the PfdManagement API | Huawei | 29.122 | 0399 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212062 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ECRControl API | Huawei | 29.122 | 0400 | - | Rel-17 | F | TEI17 | revised |
| C3-212423 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ECRControl API | Huawei | 29.122 | 0400 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212063 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NpConfiguration API | Huawei | 29.122 | 0401 | - | Rel-17 | F | TEI17 | revised |
| C3-212424 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NpConfiguration API | Huawei | 29.122 | 0401 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212064 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AsSessionWithQoS API | Huawei | 29.122 | 0402 | - | Rel-17 | F | TEI17 | revised |
| C3-212425 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AsSessionWithQoS API | Huawei | 29.122 | 0402 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212065 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MsisdnLessMoSms API | Huawei | 29.122 | 0403 | - | Rel-17 | F | TEI17 | revised |
| C3-212426 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MsisdnLessMoSms API | Huawei | 29.122 | 0403 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212066 | Adding some missing description fields to data type definitions in OpenAPI specification files of the RacsParameterProvisioning API | Huawei | 29.122 | 0404 | - | Rel-17 | F | TEI17 | revised |
| C3-212427 | Adding some missing description fields to data type definitions in OpenAPI specification files of the RacsParameterProvisioning API | Huawei | 29.122 | 0404 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212067 | Removal of invalid unbreakable spaces is some attributes description in the GMDViaMBMS and ReportingNetworkStatus APIs | Huawei | 29.122 | 0405 | - | Rel-17 | F | TEI17 | revised |
| C3-212428 | Removal of invalid unbreakable spaces is some attributes description in the GMDViaMBMS and ReportingNetworkStatus APIs | Huawei | 29.122 | 0405 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212121 | Support redirection for pure 4G SCEF northbound APIs | Huawei | 29.122 | 0406 | - | Rel-17 | F | eNAPIs | agreed |
| C3-212135 | MonitoringEvent API: TAB and missing "description" fields | Ericsson | 29.122 | 0407 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212434 | MonitoringEvent API: TAB and missing "description" fields | Ericsson, Huawei | 29.122 | 0407 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212180 | Support Time Sensitive Communication | Huawei | 29.122 | 0408 | - | Rel-17 | B | IIoT | revised |
| C3-212371 | Support Time Sensitive Communication | Huawei | 29.122 | 0408 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212209 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | 29.122 | 0409 | - | Rel-16 | F | RACS | revised |
| C3-212493 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | 29.122 | 0409 | 1 | Rel-16 | F | RACS | agreed |
| C3-212210 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | 29.122 | 0410 | - | Rel-17 | A | RACS | revised |
| C3-212494 | Clarification on Manufacturer Assigned URC | Qualcomm Incorporated, Samsung | 29.122 | 0410 | 1 | Rel-17 | A | RACS | agreed |
| C3-212287 | Correction to LDR geographic area | Ericsson | 29.122 | 0411 | - | Rel-16 | F | 5G\_eLCS | revised |
| C3-212489 | Correction to LDR geographic area | Ericsson | 29.122 | 0411 | 1 | Rel-16 | F | 5G\_eLCS | agreed |
| C3-212288 | Correction to LDR geographic area | Ericsson | 29.122 | 0412 | - | Rel-17 | A | 5G\_eLCS | revised |
| C3-212490 | Correction to LDR geographic area | Ericsson | 29.122 | 0412 | 1 | Rel-17 | A | 5G\_eLCS | agreed |
| C3-212330 | Resource corrections for SCEF Northbound APIs | Huawei | 29.122 | 0413 | - | Rel-15 | F | NAPS-CT | agreed |
| C3-212331 | Resource corrections for SCEF Northbound APIs | Huawei | 29.122 | 0414 | - | Rel-16 | A | NAPS-CT | agreed |
| C3-212332 | Resource corrections for SCEF Northbound APIs | Huawei | 29.122 | 0415 | - | Rel-17 | A | NAPS-CT | agreed |
| C3-212333 | Removal of TWAN level accuracy | Huawei | 29.122 | 0416 | - | Rel-15 | F | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-212534 | TWAN level accuracy applicability | Huawei | 29.122 | 0416 | 1 | Rel-15 | F | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-212334 | Removal of TWAN level accuracy | Huawei | 29.122 | 0417 | - | Rel-16 | A | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-212535 | TWAN level accuracy applicability | Huawei | 29.122 | 0417 | 1 | Rel-16 | A | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-212335 | Removal of TWAN level accuracy | Huawei | 29.122 | 0418 | - | Rel-17 | A | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-212536 | TWAN level accuracy applicability | Huawei | 29.122 | 0418 | 1 | Rel-17 | A | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-212336 | Format of location information | Huawei | 29.122 | 0419 | - | Rel-15 | F | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-212537 | Format of location information | Huawei | 29.122 | 0419 | 1 | Rel-15 | F | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-212337 | Format of location information | Huawei | 29.122 | 0420 | - | Rel-16 | A | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-212538 | Format of location information | Huawei | 29.122 | 0420 | 1 | Rel-16 | A | NAPS-CT, 5GS\_Ph1-CT | postponed |
| C3-212338 | Format of location information | Huawei | 29.122 | 0421 | - | Rel-17 | A | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-212539 | Format of location information | Huawei | 29.122 | 0421 | 1 | Rel-17 | A | NAPS-CT, 5GS\_Ph1-CT | postponed |
| C3-212151 | Addition of missing abbreviations. | NTT corporation | 29.163 | 1076 | - | Rel-17 | F | TEI17 | revised |
| C3-212472 | Addition of missing abbreviations. | NTT corporation | 29.163 | 1076 | 1 | Rel-17 | F | TEI17, IMS-CCR-IWCS | agreed |
| C3-212262 | IMS data channel at the II-NNI | Huawei, HiSilicon / Bill | 29.165 | 1024 | - | Rel-17 | B | TEI17 | revised |
| C3-212470 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | 29.165 | 1024 | 1 | Rel-17 | A | TEI16 | revised |
| C3-212580 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | 29.165 | 1024 | 2 | Rel-17 | A | TEI16 | revised |
| C3-212593 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | 29.165 | 1024 | 3 | Rel-17 | A | TEI16 | agreed |
| C3-212471 | IMS data channel at the II-NNI | Huawei, HiSilicon, Ericsson | 29.165 | 1025 | - | Rel-16 | F | TEI16 | agreed |
| C3-212019 | 29.212 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.212 | 1700 | - | Rel-17 | B | MPS2 | revised |
| C3-212379 | 29.212 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.212 | 1700 | 1 | Rel-17 | B | MPS2 | agreed |
| C3-212201 | Clarifiction of PCF Requested Usage Report | Huawei | 29.212 | 1701 | - | Rel-17 | F | TEI17, PCC-Enh | revised |
| C3-212573 | Clarifiction of PCF Requested Usage Report | Huawei | 29.212 | 1701 | 1 | Rel-17 | F | TEI17, PCC-Enh | agreed |
| C3-212204 | Eroror handling for the deferred rule | Huawei | 29.212 | 1702 | - | Rel-17 | B | TEI17, PCC-Enh | agreed |
| C3-212020 | 29.213 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | 29.213 | 0743 | - | Rel-17 | B | MPS2 | revised |
| C3-212521 | 29.213 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | 29.213 | 0743 | 1 | Rel-17 | B | MPS2 | agreed |
| C3-212021 | 29.214 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.214 | 1654 | - | Rel-17 | B | MPS2 | revised |
| C3-212381 | 29.214 MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.214 | 1654 | 1 | Rel-17 | B | MPS2 | agreed |
| C3-212107 | Correction to Netloc-Untrusted-WLAN | Ericsson | 29.214 | 1655 | - | Rel-17 | F | SEW1-CT, TEI17 | agreed |
| C3-212068 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Discover\_Service\_API | Huawei | 29.222 | 0167 | - | Rel-17 | F | TEI17 | merged |
| C3-212069 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Publish\_Service\_API | Huawei | 29.222 | 0168 | - | Rel-17 | F | TEI17 | merged |
| C3-212070 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Events\_API | Huawei | 29.222 | 0169 | - | Rel-17 | F | TEI17 | merged |
| C3-212071 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_API\_Invoker\_Management\_API | Huawei | 29.222 | 0170 | - | Rel-17 | F | TEI17 | merged |
| C3-212072 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Security\_API | Huawei | 29.222 | 0171 | - | Rel-17 | F | TEI17 | merged |
| C3-212073 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Access\_Control\_Policy\_API | Huawei | 29.222 | 0172 | - | Rel-17 | F | TEI17 | merged |
| C3-212074 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Logging\_API\_Invocation\_API | Huawei | 29.222 | 0173 | - | Rel-17 | F | TEI17 | merged |
| C3-212075 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AEF\_Security\_API | Huawei | 29.222 | 0174 | - | Rel-17 | F | TEI17 | merged |
| C3-212076 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_API\_Provider\_Management\_API | Huawei | 29.222 | 0175 | - | Rel-17 | F | TEI17 | merged |
| C3-212077 | Adding some missing description fields to data type definitions in OpenAPI specification files of the CAPIF\_Routing\_Info\_API | Huawei | 29.222 | 0176 | - | Rel-17 | F | TEI17 | merged |
| C3-212078 | Missing data type in the CAPIF\_API\_Provider\_Management\_API Data Types tables | Huawei | 29.222 | 0177 | - | Rel-17 | F | TEI17 | agreed |
| C3-212079 | Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables | Huawei | 29.222 | 0178 | - | Rel-17 | F | TEI17 | revised |
| C3-212429 | Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables | Huawei | 29.222 | 0178 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212080 | Missing data type in the CAPIF\_Security\_API Data Types tables | Huawei | 29.222 | 0179 | - | Rel-17 | F | TEI17 | agreed |
| C3-212081 | Missing data types in the CAPIF\_Access\_Control\_Policy\_API Data Types tables | Huawei | 29.222 | 0180 | - | Rel-17 | F | TEI17 | agreed |
| C3-212082 | Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables | Huawei | 29.222 | 0181 | - | Rel-17 | F | TEI17 | revised |
| C3-212430 | Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables | Huawei | 29.222 | 0181 | 1 | Rel-17 | F | TEI17 | revised |
| C3-212552 | Missing data types in the CAPIF\_Publish\_Service\_API Data Types tables | Huawei | 29.222 | 0181 | 2 | Rel-17 | F | TEI17 | agreed |
| C3-212083 | Removal of invalid characters in some description fields in CAPIF APIs | Huawei | 29.222 | 0182 | - | Rel-17 | F | TEI17 | merged |
| C3-212099 | SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause | Huawei | 29.222 | 0183 | - | Rel-15 | F | CAPIF-CT | agreed |
| C3-212100 | SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause | Huawei | 29.222 | 0184 | - | Rel-16 | A | CAPIF-CT | agreed |
| C3-212101 | SecurityMethod data type incorrectly written some parts of the CAPIF\_Publish\_Service\_API description clause | Huawei | 29.222 | 0185 | - | Rel-17 | A | CAPIF-CT | agreed |
| C3-212136 | DiscoverService API: Unbreakable spaces and missing "description" field | Ericsson | 29.222 | 0186 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212435 | DiscoverService API: Unbreakable spaces and missing "description" field | Ericsson, Huawei | 29.222 | 0186 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212137 | PublishService API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0187 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212436 | PublishService API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0187 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212138 | Events API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0188 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212437 | Events API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0188 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212139 | InvokerManagement API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0189 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212438 | InvokerManagement API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0189 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212140 | Security API: Unbreakable space and missing "description" fields | Ericsson | 29.222 | 0190 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212439 | Security API: Unbreakable space and missing "description" fields | Ericsson, Huawei | 29.222 | 0190 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212141 | AccessControlPolicy API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0191 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212440 | AccessControlPolicy API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0191 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212142 | LoggingAPIInvocation API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0192 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212441 | LoggingAPIInvocation API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0192 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212143 | Auditing API: Unbreakable spaces | Ericsson | 29.222 | 0193 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212442 | Auditing API: Unbreakable spaces | Ericsson, Huawei | 29.222 | 0193 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212144 | AEFSecurity API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0194 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212443 | AEFSecurity API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0194 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212145 | API\_Provider\_Management API: Missing "description" fields | Ericsson | 29.222 | 0195 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212444 | API\_Provider\_Management API: Missing "description" fields | Ericsson, Huawei | 29.222 | 0195 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212146 | RoutingInfo API: Unbreakable spaces and missing "description" fields | Ericsson | 29.222 | 0196 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212445 | RoutingInfo API: Unbreakable spaces and missing "description" fields | Ericsson, Huawei | 29.222 | 0196 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212174 | Response of partial pull | Huawei | 29.251 | 0034 | - | Rel-17 | B | pfdManEnh | revised |
| C3-212366 | Response of partial pull | Huawei | 29.251 | 0034 | 1 | Rel-17 | F | pfdManEnh | agreed |
| C3-212095 | Additional corrections to HTTP custom headers handling for Northbound APIs | Huawei | 29.486 | 0021 | - | Rel-17 | F | TEI17 | revised |
| C3-212469 | Additional corrections to HTTP custom headers handling for Northbound APIs | Huawei | 29.486 | 0021 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212188 | Support Local MBMS | Huawei | 29.486 | 0022 | - | Rel-17 | B | eV2XAPP | revised |
| C3-212450 | Support Local MBMS | Huawei | 29.486 | 0022 | 1 | Rel-17 | B | eV2XAPP | agreed |
| C3-212189 | Introduction of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0023 | - | Rel-17 | B | eV2XAPP | revised |
| C3-212451 | Introduction of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0023 | 1 | Rel-17 | B | eV2XAPP | agreed |
| C3-212190 | Procedure of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0024 | - | Rel-17 | B | eV2XAPP | revised |
| C3-212452 | Procedure of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0024 | 1 | Rel-17 | B | eV2XAPP | agreed |
| C3-212191 | Resources and methods of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0025 | - | Rel-17 | B | eV2XAPP | revised |
| C3-212453 | Resources and methods of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0025 | 1 | Rel-17 | B | eV2XAPP | agreed |
| C3-212192 | OpenAPI file of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0026 | - | Rel-17 | B | eV2XAPP | revised |
| C3-212564 | OpenAPI file of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0026 | 1 | Rel-17 | B | eV2XAPP | agreed |
| C3-212193 | Correct the subclause number of reference | Huawei | 29.486 | 0027 | - | Rel-17 | F | TEI17, V2XAPP | agreed |
| C3-212214 | Correct referenced datatype for VAE\_MessageDelivery | ZTE | 29.486 | 0028 | - | Rel-16 | F | V2XAPP | agreed |
| C3-212215 | Correct referenced datatype for VAE\_MessageDelivery | ZTE | 29.486 | 0029 | - | Rel-17 | A | V2XAPP | agreed |
| C3-212216 | Correct resourceUri used in Message Delivery procedures | ZTE | 29.486 | 0030 | - | Rel-16 | F | V2XAPP | agreed |
| C3-212217 | Correct resourceUri used in Message Delivery procedures | ZTE | 29.486 | 0031 | - | Rel-17 | A | V2XAPP | agreed |
| C3-212218 | Correction of Individual Downlink Message Delivery resource name | ZTE | 29.486 | 0032 | - | Rel-16 | F | V2XAPP | agreed |
| C3-212219 | Correction of Individual Downlink Message Delivery resource name | ZTE | 29.486 | 0033 | - | Rel-17 | A | V2XAPP | agreed |
| C3-212220 | Correct service operation name for VAE\_FileDistribution | ZTE | 29.486 | 0034 | - | Rel-16 | F | V2XAPP | agreed |
| C3-212221 | Correct service operation name for VAE\_FileDistribution | ZTE | 29.486 | 0035 | - | Rel-17 | A | V2XAPP | agreed |
| C3-212222 | Correct serivce name and resourceUri for VAE\_ApplicationRequirement | ZTE | 29.486 | 0036 | - | Rel-16 | F | V2XAPP | agreed |
| C3-212223 | Correct serivce name and resourceUri for VAE\_ApplicationRequirement | ZTE | 29.486 | 0037 | - | Rel-17 | A | V2XAPP | agreed |
| C3-212224 | Correct service name and resourceUri for VAE\_DynamicGroup | ZTE | 29.486 | 0038 | - | Rel-16 | F | V2XAPP | agreed |
| C3-212225 | Correct service name and resourceUri for VAE\_DynamicGroup | ZTE | 29.486 | 0039 | - | Rel-17 | A | V2XAPP | agreed |
| C3-212226 | Termination of Downlink Message Delivery procedure | ZTE | 29.486 | 0040 | - | Rel-16 | F | V2XAPP | not pursued |
| C3-212227 | Termination of Downlink Message Delivery procedure | ZTE | 29.486 | 0041 | - | Rel-17 | A | V2XAPP | revised |
| C3-212495 | Termination of Downlink Message Delivery procedure | ZTE | 29.486 | 0041 | 1 | Rel-17 | F | TEI17, V2XAPP | agreed |
| C3-212228 | Termination of File Distribution procedure | ZTE | 29.486 | 0042 | - | Rel-16 | F | V2XAPP | revised |
| C3-212496 | Correction of resource name in File Distribution termination procedure | ZTE | 29.486 | 0042 | 1 | Rel-16 | F | V2XAPP | agreed |
| C3-212229 | Termination of File Distribution procedure | ZTE | 29.486 | 0043 | - | Rel-17 | A | V2XAPP | revised |
| C3-212497 | Termination of File Distribution procedure | ZTE | 29.486 | 0043 | 1 | Rel-17 | F | TEI17, V2XAPP | agreed |
| C3-212230 | Termination of Network Resource Reservation procedure | ZTE | 29.486 | 0044 | - | Rel-16 | F | V2XAPP | not pursued |
| C3-212231 | Termination of Network Resource Reservation procedure | ZTE | 29.486 | 0045 | - | Rel-17 | A | V2XAPP | revised |
| C3-212498 | Termination of Network Resource Reservation procedure | ZTE | 29.486 | 0045 | 1 | Rel-17 | F | TEI17, V2XAPP | agreed |
| C3-212232 | Termination of Dynamic Group Configuration procedure | ZTE | 29.486 | 0046 | - | Rel-16 | F | V2XAPP | revised |
| C3-212499 | Correction of resource name in Dynamic Group Configuration procedure | ZTE | 29.486 | 0046 | 1 | Rel-16 | F | V2XAPP | agreed |
| C3-212233 | Termination of Dynamic Group Configuration procedure | ZTE | 29.486 | 0047 | - | Rel-17 | A | V2XAPP | revised |
| C3-212500 | Termination of Dynamic Group Configuration procedure | ZTE | 29.486 | 0047 | 1 | Rel-17 | A | V2XAPP | agreed |
| C3-212256 | Common default HTTP response | ZTE | 29.486 | 0048 | - | Rel-17 | F | TEI17, V2XAPP | revised |
| C3-212480 | Common default HTTP response | ZTE | 29.486 | 0048 | 1 | Rel-17 | F | TEI17, V2XAPP | agreed |
| C3-212501 | Termination of Dynamic Group Configuration procedure procedure | ZTE | 29.486 | 0049 | - | Rel-17 | F | TEI17, V2XAPP | agreed |
| C3-212125 | Enabling Dynamic Changes of AM Policies in AMPolicyControl | Nokia, Nokia Shanghai Bell | 29.507 | 0166 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212408 | Enabling Dynamic Changes of AM Policies in AMPolicyControl | Nokia, Nokia Shanghai Bell | 29.507 | 0166 | 1 | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212598 | Enabling Dynamic Changes of AM Policies in AMPolicyControl | Nokia, Nokia Shanghai Bell | 29.507 | 0166 | 2 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-212196 | GCI report | Huawei | 29.507 | 0167 | - | Rel-17 | B | TEI17, 5WWC | postponed |
| C3-212199 | GLI report | Huawei | 29.507 | 0168 | - | Rel-17 | B | TEI17, 5WWC | revised |
| C3-212571 | GLI report | Huawei | 29.507 | 0168 | 1 | Rel-17 | B | TEI17, 5WWC | agreed |
| C3-212127 | Partitioning criteria for applying sampling in specific UE partitions in SMF exposure | Nokia, Nokia Shanghai Bell | 29.508 | 0131 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212390 | Partitioning criteria for applying sampling in specific UE partitions in SMF exposure | Nokia, Nokia Shanghai Bell | 29.508 | 0131 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212311 | Support of Mute reporting | Huawei | 29.508 | 0132 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212396 | Support of Mute reporting | Huawei | 29.508 | 0132 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212211 | Satellite backhaul change policy control request trigger | Qualcomm Incorporated | 29.512 | 0681 | 1 | Rel-17 | B | 5GSAT\_ARCH-CT | revised |
| C3-212507 | Satellite backhaul change policy control request trigger | Qualcomm Incorporated, Ericsson | 29.512 | 0681 | 2 | Rel-17 | B | 5GSAT\_ARCH-CT | agreed |
| C3-212022 | 29.512 PCC support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.512 | 0749 | - | Rel-17 | B | MPS2 | revised |
| C3-212380 | 29.512 PCC support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.512 | 0749 | 1 | Rel-17 | B | MPS2 | agreed |
| C3-212112 | Correction to Charging Information | Ericsson | 29.512 | 0750 | - | Rel-16 | F | 5G\_eSBA | not pursued |
| C3-212113 | Correction to Charging Information | Ericsson | 29.512 | 0751 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-212604 | Correction to Charging Information | Ericsson | 29.512 | 0751 | 1 | Rel-17 | F | TEI17, 5G\_eSBA | agreed |
| C3-212126 | Application Detection triggering for dynamic AM policy changes | Nokia, Nokia Shanghai Bell | 29.512 | 0752 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212409 | Application Detection triggering for dynamic AM policy changes | Nokia, Nokia Shanghai Bell | 29.512 | 0752 | 1 | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212599 | Application Detection triggering for dynamic AM policy changes | Nokia, Nokia Shanghai Bell | 29.512 | 0752 | 2 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-212152 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0753 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-212543 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0753 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212153 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0754 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212544 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0754 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212154 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0755 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-212545 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0755 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212166 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0756 | - | Rel-16 | F | 5G\_CIoT | revised |
| C3-212578 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0756 | 1 | Rel-16 | F | 5G\_CIoT | agreed |
| C3-212167 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0757 | - | Rel-17 | A | 5G\_CIoT | revised |
| C3-212579 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0757 | 1 | Rel-17 | A | 5G\_CIoT | agreed |
| C3-212168 | Correction to access network info report | Huawei | 29.512 | 0758 | - | Rel-16 | F | 5WWC | not pursued |
| C3-212169 | Correction to access network info report | Huawei | 29.512 | 0759 | - | Rel-17 | A | 5WWC | revised |
| C3-212540 | Correction to access network info report | Huawei | 29.512 | 0759 | 1 | Rel-17 | F | TEI17, 5WWC | agreed |
| C3-212176 | Support Time Sensing Communication other than TSN | Huawei | 29.512 | 0760 | - | Rel-17 | B | IIoT | revised |
| C3-212454 | Support Time Sensing Communication other than TSN | Huawei | 29.512 | 0760 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212178 | Support survival time | Huawei | 29.512 | 0761 | - | Rel-17 | B | IIoT | revised |
| C3-212456 | Support survival time | Huawei | 29.512 | 0761 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212182 | Support time synchronization | Huawei | 29.512 | 0762 | - | Rel-17 | B | IIoT | postponed |
| C3-212187 | Add user plane lantecy requirement in PCC rule | Huawei | 29.512 | 0763 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-212384 | Add user plane lantecy requirement in PCC rule | Huawei | 29.512 | 0763 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-212194 | Correction to policy control request trigger | Huawei | 29.512 | 0764 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-212195 | Correction to usage monitoring for Non-3GPP | Huawei | 29.512 | 0765 | - | Rel-17 | F | TEI17, ATSSS | revised |
| C3-212504 | Correction to usage monitoring for Non-3GPP | Huawei | 29.512 | 0765 | 1 | Rel-17 | F | TEI17, ATSSS | agreed |
| C3-212202 | Clarifiction of PCF Requested Usage Report | Huawei | 29.512 | 0766 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | revised |
| C3-212574 | Clarifiction of PCF Requested Usage Report | Huawei | 29.512 | 0766 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-212203 | Correct the disabling usage monitoring | Huawei | 29.512 | 0767 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | revised |
| C3-212505 | Correct the disabling usage monitoring | Huawei | 29.512 | 0767 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-212205 | Correct the Redundant PDU Session indication | Huawei | 29.512 | 0768 | - | Rel-17 | F | TEI17, 5G\_URLLC | agreed |
| C3-212206 | Correct the offline charging only | Huawei | 29.512 | 0769 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | revised |
| C3-212506 | Correct the offline charging only | Huawei | 29.512 | 0769 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-212321 | Correction to QoS control in the VPLMN | Ericsson | 29.512 | 0770 | - | Rel-16 | F | TEI16, 5GS\_Ph1-CT | revised |
| C3-212512 | Correction to QoS control in the VPLMN | Ericsson | 29.512 | 0770 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-CT | agreed |
| C3-212322 | Correction to QoS control in the VPLMN | Ericsson | 29.512 | 0771 | - | Rel-17 | A | TEI16, 5GS\_Ph1-CT | revised |
| C3-212513 | Correction to QoS control in the VPLMN | Ericsson | 29.512 | 0771 | 1 | Rel-17 | A | TEI16, 5GS\_Ph1-CT | agreed |
| C3-212352 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | 29.512 | 0772 | - | Rel-17 | B | TEI17\_NIESGU | revised |
| C3-212502 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | 29.512 | 0772 | 1 | Rel-17 | B | TEI17\_NIESGU | revised |
| C3-212575 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | 29.512 | 0772 | 2 | Rel-17 | B | TEI17\_NIESGU | agreed |
| C3-212023 | 29.513 PCF control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | 29.513 | 0257 | - | Rel-17 | B | MPS2 | revised |
| C3-212522 | 29.513 PCF control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson | 29.513 | 0257 | 1 | Rel-17 | B | MPS2 | agreed |
| C3-212102 | 5G ProSe related updates to PCC procedures | Huawei | 29.513 | 0258 | - | Rel-17 | B | 5G\_ProSe | revised |
| C3-212385 | 5G ProSe related updates to PCC procedures | Huawei | 29.513 | 0258 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-212123 | Supporting the same PCF selection for AMF and SMF in 5GS scenario | China Telecommunications | 29.513 | 0259 | - | Rel-17 | B | TEI17\_SPSFAS | merged |
| C3-212124 | Supporting the same PCF selection for AMF and SMF in the EPS to 5GS mobility scenario | China Telecommunications | 29.513 | 0260 | - | Rel-17 | B | TEI17\_SPSFAS | merged |
| C3-212170 | QoS flow binding for QoS monitoring | Huawei | 29.513 | 0261 | - | Rel-16 | F | 5G\_URLLC | revised |
| C3-212541 | QoS flow binding for QoS monitoring | Huawei | 29.513 | 0261 | 1 | Rel-16 | F | 5G\_URLLC | agreed |
| C3-212171 | QoS flow binding for QoS monitoring | Huawei | 29.513 | 0262 | - | Rel-17 | A | 5G\_URLLC | revised |
| C3-212542 | QoS flow binding for QoS monitoring | Huawei | 29.513 | 0262 | 1 | Rel-17 | A | 5G\_URLLC | agreed |
| C3-212175 | Selecting the same PCF for AMF and SMF | Huawei | 29.513 | 0263 | - | Rel-17 | B | TEI17\_SPSFAS | revised |
| C3-212383 | Selecting the same PCF for AMF and SMF | Huawei, China Telecom | 29.513 | 0263 | 1 | Rel-17 | B | TEI17\_SPSFAS | agreed |
| C3-212329 | Clean up of Network Data Analysis procedures | Huawei | 29.513 | 0264 | - | Rel-17 | F | eNA\_Ph2 | revised |
| C3-212403 | Clean up of Network Data Analysis procedures | Huawei | 29.513 | 0264 | 1 | Rel-17 | F | eNA\_Ph2 | agreed |
| C3-212024 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.514 | 0293 | - | Rel-17 | B | MPS2 | revised |
| C3-212382 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.514 | 0293 | 1 | Rel-17 | B | MPS2 | agreed |
| C3-212122 | Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP | China Telecommunications, Ericsson | 29.514 | 0294 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212407 | Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP | China Telecommunications, Ericsson | 29.514 | 0294 | 1 | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212591 | Adding PCF as the consumer of the Npcf\_PolicyAuthorization service to support DCAMP | China Telecommunications, Ericsson | 29.514 | 0294 | 2 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-212149 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | 29.514 | 0295 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212410 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | 29.514 | 0295 | 1 | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212590 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | 29.514 | 0295 | 2 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-212177 | Support Time Sensing Communication other than TSN | Huawei | 29.514 | 0296 | - | Rel-17 | B | IIoT | revised |
| C3-212455 | Support Time Sensing Communication other than TSN | Huawei | 29.514 | 0296 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212179 | Support survival time | Huawei | 29.514 | 0297 | - | Rel-17 | B | IIoT | revised |
| C3-212457 | Support survival time | Huawei | 29.514 | 0297 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212183 | Support time synchronization | Huawei | 29.514 | 0298 | - | Rel-17 | B | IIoT | postponed |
| C3-212197 | GCI report | Huawei | 29.514 | 0299 | - | Rel-17 | B | TEI17, 5WWC | postponed |
| C3-212240 | Correction on 404 Not Found | ZTE | 29.514 | 0300 | - | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212241 | Correction on 404 Not Found | ZTE | 29.514 | 0301 | - | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212242 | Correction on 404 Not Found | ZTE | 29.514 | 0302 | - | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212249 | Correction to Data type table | ZTE | 29.514 | 0303 | - | Rel-16 | F | Vertical\_LAN | agreed |
| C3-212250 | Correction to Data type table | ZTE | 29.514 | 0304 | - | Rel-17 | A | Vertical\_LAN | agreed |
| C3-212129 | Partitioning criteria for applying sampling in specific UE partitions in AF exposure | Nokia, Nokia Shanghai Bell | 29.517 | 0039 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212392 | Partitioning criteria for applying sampling in specific UE partitions in AF exposure | Nokia, Nokia Shanghai Bell | 29.517 | 0039 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212313 | Support of Mute reporting | Huawei | 29.517 | 0040 | - | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212037 | Correction to Charging Information | Ericsson | 29.519 | 0250 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-212605 | Correction to Charging Information | Ericsson | 29.519 | 0250 | 1 | Rel-17 | F | TEI17, 5G\_eSBA | agreed |
| C3-212050 | Correction to Charging Information | Ericsson | 29.519 | 0251 | - | Rel-16 | F | 5G\_eSBA | not pursued |
| C3-212051 | Correction to OSD handling | Ericsson | 29.519 | 0252 | - | Rel-17 | B | 5GS\_Ph1-CT, TEI17 | revised |
| C3-212503 | Correction to OSD handling | Ericsson | 29.519 | 0252 | 1 | Rel-17 | B | 5GS\_Ph1-CT, TEI17 | revised |
| C3-212568 | Correction to OSD handling | Ericsson | 29.519 | 0252 | 2 | Rel-17 | B | 5GS\_Ph1-CT, TEI17 | agreed |
| C3-212103 | 5G ProSe related updates to Nudr | Huawei | 29.519 | 0253 | - | Rel-17 | B | 5G\_ProSe | revised |
| C3-212563 | 5G ProSe related updates to Nudr | Huawei | 29.519 | 0253 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-212260 | Support of User Plane Latency requirement | Huawei | 29.519 | 0254 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-212387 | Support of User Plane Latency requirement | Huawei | 29.519 | 0254 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-212029 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0268 | - | Rel-16 | F | eNA | revised |
| C3-212473 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0268 | 1 | Rel-16 | F | eNA | revised |
| C3-212600 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0268 | 2 | Rel-16 | F | eNA | agreed |
| C3-212030 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0269 | - | Rel-17 | A | eNA | revised |
| C3-212474 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0269 | 1 | Rel-17 | A | eNA | revised |
| C3-212601 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0269 | 2 | Rel-17 | A | eNA | agreed |
| C3-212130 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell | 29.520 | 0270 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212393 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei | 29.520 | 0270 | 1 | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212596 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei | 29.520 | 0270 | 2 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212131 | Adding NWDAF as NWDAF services consumer due to analytics aggregation | Nokia, Nokia Shanghai Bell | 29.520 | 0271 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212394 | Adding NWDAF as NWDAF services consumer due to analytics aggregation | Nokia, Nokia Shanghai Bell | 29.520 | 0271 | 1 | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212597 | Adding NWDAF as NWDAF services consumer due to analytics aggregation | Nokia, Nokia Shanghai Bell | 29.520 | 0271 | 2 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212132 | Support of optional HTTP custom header fields | Ericsson | 29.520 | 0272 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212432 | Support of optional HTTP custom header fields | Ericsson | 29.520 | 0272 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212234 | correction of attribute snssais in OpenAPI | ZTE | 29.520 | 0273 | - | Rel-15 | F | 5GS\_Ph1-CT | withdrawn |
| C3-212235 | correction of attribute snssais in OpenAPI | ZTE | 29.520 | 0274 | - | Rel-16 | A | 5GS\_Ph1-CT | withdrawn |
| C3-212236 | correction of attribute snssais in OpenAPI | ZTE | 29.520 | 0275 | - | Rel-17 | A | 5GS\_Ph1-CT | withdrawn |
| C3-212237 | Correction on 404 Not Found | ZTE | 29.520 | 0276 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-212546 | Correction on 404 Not Found | ZTE | 29.520 | 0276 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212238 | Correction on 404 Not Found | ZTE | 29.520 | 0277 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212547 | Correction on 404 Not Found | ZTE | 29.520 | 0277 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212239 | Correction on 404 Not Found | ZTE | 29.520 | 0278 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-212548 | Correction on 404 Not Found | ZTE | 29.520 | 0278 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212243 | Missing attributes in subscription procedure | ZTE | 29.520 | 0279 | - | Rel-16 | F | eNA | agreed |
| C3-212244 | Missing attributes in subscription procedure | ZTE | 29.520 | 0280 | - | Rel-17 | A | eNA | agreed |
| C3-212245 | Correction on the value of confidence | ZTE | 29.520 | 0281 | - | Rel-16 | F | eNA | revised |
| C3-212475 | Correction on the value of confidence | ZTE | 29.520 | 0281 | 1 | Rel-16 | F | eNA | agreed |
| C3-212246 | Correction on the value of confidence | ZTE | 29.520 | 0282 | - | Rel-17 | A | eNA | revised |
| C3-212476 | Correction on the value of confidence | ZTE | 29.520 | 0282 | 1 | Rel-17 | A | eNA | agreed |
| C3-212281 | Correction to Load Level Information | Ericsson | 29.520 | 0283 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-212549 | Correction to Load Level Information | Ericsson | 29.520 | 0283 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212282 | Correction to Load Level Information | Ericsson | 29.520 | 0284 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212550 | Correction to Load Level Information | Ericsson | 29.520 | 0284 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212283 | Correction to Load Level Information | Ericsson | 29.520 | 0285 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-212551 | Correction to Load Level Information | Ericsson | 29.520 | 0285 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212284 | Correction to NSI Load Level Information | Ericsson | 29.520 | 0286 | - | Rel-16 | F | eNA | revised |
| C3-212477 | Correction to NSI Load Level Information | Ericsson | 29.520 | 0286 | 1 | Rel-16 | F | eNA | agreed |
| C3-212285 | Correction to NSI Load Level Information | Ericsson | 29.520 | 0287 | - | Rel-17 | A | eNA | revised |
| C3-212478 | Correction to NSI Load Level Information | Ericsson | 29.520 | 0287 | 1 | Rel-17 | A | eNA | agreed |
| C3-212323 | Service introduction for Nnwdaf\_DataManagement | Huawei, China Mobile | 29.520 | 0288 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212397 | Service introduction for Nnwdaf\_DataManagement | Huawei, China Mobile | 29.520 | 0288 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212324 | Service operations for Nnwdaf\_DataManagement | Huawei, China Mobile | 29.520 | 0289 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212398 | Service operations for Nnwdaf\_DataManagement | Huawei, China Mobile | 29.520 | 0289 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212325 | Nnwdaf\_DataManagement Service API | Huawei, China Mobile | 29.520 | 0290 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212399 | Nnwdaf\_DataManagement Service API | Huawei, China Mobile | 29.520 | 0290 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212326 | Service introduction for Nnwdaf\_MLModelProvision | Huawei, China Mobile | 29.520 | 0291 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212400 | Service introduction for Nnwdaf\_MLModelProvision | Huawei, China Mobile | 29.520 | 0291 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212327 | Service operations for Nnwdaf\_MLModelProvision | Huawei, China Mobile | 29.520 | 0292 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212401 | Service operations for Nnwdaf\_MLModelProvision | Huawei, China Mobile | 29.520 | 0292 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212328 | Nnwdaf\_MLModelProvision Service API | Huawei, China Mobile | 29.520 | 0293 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212402 | Nnwdaf\_MLModelProvision Service API | Huawei, China Mobile | 29.520 | 0293 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212357 | Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure | Nokia, Nokia Shanghai Bell | 29.520 | 0294 | - | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212133 | Support of optional HTTP custom header fields | Ericsson | 29.521 | 0103 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-212433 | Support of optional HTTP custom header fields | Ericsson | 29.521 | 0103 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212247 | Correction to Overview and Introduction | ZTE | 29.521 | 0104 | - | Rel-16 | F | en5GPccSer | agreed |
| C3-212248 | Correction to Overview and Introduction | ZTE | 29.521 | 0105 | - | Rel-17 | A | en5GPccSer | agreed |
| C3-212296 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | 29.522 | 0270 | 2 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | revised |
| C3-212484 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | 29.522 | 0270 | 3 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | agreed |
| C3-212298 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | 29.522 | 0271 | 2 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | revised |
| C3-212486 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | 29.522 | 0271 | 3 | Rel-17 | B | 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | agreed |
| C3-212025 | Correction of AaaUsage | KDDI | 29.522 | 0309 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-212530 | Correction of AaaUsage | KDDI | 29.522 | 0309 | 1 | Rel-16 | F | Vertical\_LAN | not pursued |
| C3-212026 | Correction of AaaUsage | KDDI | 29.522 | 0310 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-212531 | Correction of AaaUsage | KDDI | 29.522 | 0310 | 1 | Rel-17 | D | TEI17, Vertical\_LAN | revised |
| C3-212602 | Correction of AaaUsage | KDDI | 29.522 | 0310 | 2 | Rel-17 | D | TEI17, Vertical\_LAN | agreed |
| C3-212027 | Correction of AccessRightStatus | KDDI | 29.522 | 0311 | - | Rel-16 | F | 5WWC | revised |
| C3-212532 | Correction of AccessRightStatus | KDDI | 29.522 | 0311 | 1 | Rel-16 | F | 5WWC | not pursued |
| C3-212028 | Correction of AccessRightStatus | KDDI | 29.522 | 0312 | - | Rel-17 | A | 5WWC | revised |
| C3-212533 | Correction of AccessRightStatus | KDDI | 29.522 | 0312 | 1 | Rel-17 | D | TEI17, 5WWC | revised |
| C3-212603 | Correction of AccessRightStatus | KDDI | 29.522 | 0312 | 2 | Rel-17 | D | TEI17, 5WWC | agreed |
| C3-212035 | AF-based ProSe service parameter provisioning | CATT | 29.522 | 0313 | - | Rel-17 | B | 5G\_ProSe | merged |
| C3-212084 | Adding some missing description fields to data type definitions in OpenAPI specification files of the TrafficInfluence API | Huawei | 29.522 | 0314 | - | Rel-17 | F | TEI17 | revised |
| C3-212458 | Adding some missing description fields to data type definitions in OpenAPI specification files of the TrafficInfluence API | Huawei | 29.522 | 0314 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212085 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NiddConfigurationTrigger API | Huawei | 29.522 | 0315 | - | Rel-17 | F | TEI17 | revised |
| C3-212459 | Adding some missing description fields to data type definitions in OpenAPI specification files of the NiddConfigurationTrigger API | Huawei | 29.522 | 0315 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212086 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AnalyticsExposure API | Huawei | 29.522 | 0316 | - | Rel-17 | F | TEI17 | revised |
| C3-212460 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AnalyticsExposure API | Huawei | 29.522 | 0316 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212087 | Adding some missing description fields to data type definitions in OpenAPI specification files of the 5GLANParameterProvision API | Huawei | 29.522 | 0317 | - | Rel-17 | F | TEI17 | revised |
| C3-212461 | Adding some missing description fields to data type definitions in OpenAPI specification files of the 5GLANParameterProvision API | Huawei | 29.522 | 0317 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212088 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ApplyingBdtPolicy API | Huawei | 29.522 | 0318 | - | Rel-17 | F | TEI17 | revised |
| C3-212462 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ApplyingBdtPolicy API | Huawei | 29.522 | 0318 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212089 | Adding some missing description fields to data type definitions in OpenAPI specification files of the IPTVConfiguration API | Huawei | 29.522 | 0319 | - | Rel-17 | F | TEI17 | revised |
| C3-212463 | Adding some missing description fields to data type definitions in OpenAPI specification files of the IPTVConfiguration API | Huawei | 29.522 | 0319 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212090 | Adding some missing description fields to data type definitions in OpenAPI specification files of the LpiParameterProvision API | Huawei | 29.522 | 0320 | - | Rel-17 | F | TEI17 | revised |
| C3-212464 | Adding some missing description fields to data type definitions in OpenAPI specification files of the LpiParameterProvision API | Huawei | 29.522 | 0320 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212091 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ServiceParameter API | Huawei | 29.522 | 0321 | - | Rel-17 | F | TEI17 | revised |
| C3-212465 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ServiceParameter API | Huawei | 29.522 | 0321 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212092 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ACSParameterProvision API | Huawei | 29.522 | 0322 | - | Rel-17 | F | TEI17 | revised |
| C3-212466 | Adding some missing description fields to data type definitions in OpenAPI specification files of the ACSParameterProvision API | Huawei | 29.522 | 0322 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212093 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MoLcsNotify API | Huawei | 29.522 | 0323 | - | Rel-17 | F | TEI17 | revised |
| C3-212467 | Adding some missing description fields to data type definitions in OpenAPI specification files of the MoLcsNotify API | Huawei | 29.522 | 0323 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212094 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AKMA API | Huawei | 29.522 | 0324 | - | Rel-17 | F | TEI17 | revised |
| C3-212468 | Adding some missing description fields to data type definitions in OpenAPI specification files of the AKMA API | Huawei | 29.522 | 0324 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212104 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei | 29.522 | 0325 | - | Rel-17 | B | 5G\_ProSe | revised |
| C3-212378 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei, CATT | 29.522 | 0325 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-212181 | Support Time Sensitive Communication | Huawei | 29.522 | 0326 | - | Rel-17 | B | IIoT | revised |
| C3-212372 | Support Time Sensitive Communication | Huawei | 29.522 | 0326 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212184 | The procedure of time synchronization exposure | Huawei | 29.522 | 0327 | - | Rel-17 | B | IIoT | revised |
| C3-212373 | The procedure of time synchronization exposure | Huawei | 29.522 | 0327 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212185 | The resource and methods of time synchronization exposure | Huawei | 29.522 | 0328 | - | Rel-17 | B | IIoT | revised |
| C3-212374 | The resource and methods of time synchronization exposure | Huawei | 29.522 | 0328 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212186 | The OpenAPI file of time synchronization exposure | Huawei | 29.522 | 0329 | - | Rel-17 | B | IIoT | revised |
| C3-212375 | The OpenAPI file of time synchronization exposure | Huawei | 29.522 | 0329 | 1 | Rel-17 | B | IIoT | agreed |
| C3-212251 | Correction of TS title for 29.535 in references | ZTE | 29.522 | 0330 | - | Rel-17 | F | AKMA-CT | agreed |
| C3-212257 | Procedures for ECS address provisioning | Huawei | 29.522 | 0331 | - | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-212258 | API definition for ECS address provisioning | Huawei | 29.522 | 0332 | - | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-212259 | Support of User Plane Latency requirement | Huawei | 29.522 | 0333 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-212377 | Support of User Plane Latency requirement | Huawei | 29.522 | 0333 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-212286 | Correction to UserPlaneEvent applicability in AsSessionWithQoS API | Ericsson | 29.522 | 0334 | - | Rel-17 | F | TEI17, NAPS-CT | revised |
| C3-212606 | Correction to UserPlaneEvent applicability in AsSessionWithQoS API | Ericsson | 29.522 | 0334 | 1 | Rel-17 | F | TEI17, NAPS-CT | agreed |
| C3-212289 | Correction to LDR geographic area | Ericsson | 29.522 | 0335 | - | Rel-16 | F | 5G\_eLCS | revised |
| C3-212491 | Correction to LDR geographic area | Ericsson | 29.522 | 0335 | 1 | Rel-16 | F | 5G\_eLCS | agreed |
| C3-212290 | Correction to LDR geographic area | Ericsson | 29.522 | 0336 | - | Rel-17 | A | 5G\_eLCS | revised |
| C3-212492 | Correction to LDR geographic area | Ericsson | 29.522 | 0336 | 1 | Rel-17 | A | 5G\_eLCS | agreed |
| C3-212339 | Location accuracy | Huawei | 29.522 | 0337 | - | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212340 | Location accuracy | Huawei | 29.522 | 0338 | - | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212341 | Location accuracy | Huawei | 29.522 | 0339 | - | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212108 | Support of notifications of SAR changes | Ericsson | 29.523 | 0046 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-212406 | Support of notifications of SAR changes | Ericsson | 29.523 | 0046 | 1 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-212128 | Partitioning criteria for applying sampling in specific UE partitions in PCF exposure | Nokia, Nokia Shanghai Bell | 29.523 | 0047 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212391 | Partitioning criteria for applying sampling in specific UE partitions in PCF exposure | Nokia, Nokia Shanghai Bell | 29.523 | 0047 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212134 | Support of optional HTTP custom header fields | Ericsson | 29.523 | 0048 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212310 | Support of Mute reporting | Huawei | 29.523 | 0049 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-212395 | Support of Mute reporting | Huawei | 29.523 | 0049 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212105 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei | 29.525 | 0153 | - | Rel-17 | B | 5G\_ProSe | revised |
| C3-212386 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei | 29.525 | 0153 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-212198 | GCI report | Huawei | 29.525 | 0154 | - | Rel-17 | B | TEI17, 5WWC | postponed |
| C3-212200 | GLI report | Huawei | 29.525 | 0155 | - | Rel-17 | B | TEI17, 5WWC | revised |
| C3-212572 | GLI report | Huawei | 29.525 | 0155 | 1 | Rel-17 | B | TEI17, 5WWC | agreed |
| C3-212097 | Adding some missing description fields to data type definitions in OpenAPI specification files of the Naanf\_AKMA API | Huawei | 29.535 | 0001 | - | Rel-17 | F | AKMA-CT | revised |
| C3-212448 | Adding a missing description field to data type definitions in OpenAPI specification files of the Naanf\_AKMA API | Huawei | 29.535 | 0001 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-212098 | Missing data type in the Naanf\_AKMA Service API Data Types tables | Huawei | 29.535 | 0002 | - | Rel-17 | F | AKMA-CT | revised |
| C3-212553 | Missing data type in the Naanf\_AKMA Service API Data Types tables | Huawei, ZTE | 29.535 | 0002 | 1 | Rel-17 | F | AKMA-CT | agreed |
| C3-212252 | Adding Clause 5.1.4.3.1 | ZTE | 29.535 | 0003 | - | Rel-17 | F | AKMA-CT | agreed |
| C3-212253 | Complete specific Data Types table | ZTE | 29.535 | 0004 | - | Rel-17 | F | AKMA-CT | merged |
| C3-212254 | Custom operation URI | ZTE | 29.535 | 0005 | - | Rel-17 | F | AKMA-CT | revised |
| C3-212449 | Custom operation URI | ZTE, Ericsson | 29.535 | 0005 | 1 | Rel-17 | F | AKMA-CT | agreed |
| C3-212255 | Terminology alignment of AKMA Application Key information | ZTE | 29.535 | 0006 | - | Rel-17 | F | AKMA-CT | agreed |
| C3-212096 | Correction of invalid characters in OpenAPI specification files | Huawei | 29.549 | 0019 | - | Rel-17 | F | TEI17 | revised |
| C3-212431 | Correction of invalid characters in OpenAPI specification files | Huawei, Ericsson | 29.549 | 0019 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-212147 | LocationReporting API: Removal of unbreakable spaces | Ericsson | 29.549 | 0020 | - | Rel-17 | F | SBIProtoc17 | merged |
| C3-212148 | GroupManagement API: Removal of unbreakable spaces | Ericsson | 29.549 | 0021 | - | Rel-17 | F | SBIProtoc17 | merged |
| C3-212207 | Clarification of accouting for the interworking scenario | Huawei | 29.561 | 0097 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | revised |
| C3-212479 | Clarification of accouting for the interworking scenario | Huawei, Ericsson | 29.561 | 0097 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-212270 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow | Ericsson | 29.561 | 0098 | - | Rel-15 | F | 5GS\_Ph1-CT | not pursued |
| C3-212271 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow | Ericsson | 29.561 | 0099 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212594 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in RADIUS message flow | Ericsson | 29.561 | 0099 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212272 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | Ericsson | 29.561 | 0100 | - | Rel-15 | F | 5GS\_Ph1-CT | not pursued |
| C3-212273 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | Ericsson | 29.561 | 0101 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212595 | Clarify 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | Ericsson | 29.561 | 0101 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212274 | Updates 5GS interwroking with EPS for EAP based re-auth in Diameter message flow | Ericsson | 29.561 | 0102 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | revised |
| C3-212570 | Updates 5GS interwroking with EPS for EAP based re-auth in Diameter message flow | Ericsson | 29.561 | 0102 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-212278 | Correction to Framed IP | Ericsson | 29.561 | 0103 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-212584 | Correction to Framed IP | Ericsson | 29.561 | 0103 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212279 | Correction to Framed IP | Ericsson | 29.561 | 0104 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212585 | Correction to Framed IP | Ericsson | 29.561 | 0104 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212280 | Correction to Framed IP | Ericsson | 29.561 | 0105 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-212586 | Correction to Framed IP | Ericsson | 29.561 | 0105 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212301 | Complete AAA triggered re-authentication flow for Diameter | Ericsson | 29.561 | 0106 | - | Rel-17 | F | 5GS\_Ph1-CT, TEI17 | agreed |
| C3-212348 | Updates to support L2TP for CUPS | Ericsson | 29.561 | 0107 | - | Rel-17 | B | BEPoP | noted |
| C3-212349 | Updates to support L2TP in RADIUS message flow | Ericsson | 29.561 | 0108 | - | Rel-17 | B | BEPoP | noted |
| C3-212350 | Updates to support L2TP in Diameter message flow | Ericsson | 29.561 | 0109 | - | Rel-17 | B | BEPoP | noted |
| C3-212312 | Support of Mute reporting | Huawei | 29.591 | 0043 | - | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212356 | Partitioning criteria for applying sampling in specific UE partitions in NEF event exposure | Nokia, Nokia Shanghai Bell | 29.591 | 0044 | - | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-212155 | Correction to policyCounterId | Huawei | 29.594 | 0080 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-212587 | Correction to policyCounterId | Huawei | 29.594 | 0080 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-212156 | Correction to policyCounterId | Huawei | 29.594 | 0081 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-212588 | Correction to policyCounterId | Huawei | 29.594 | 0081 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-212157 | Correction to policyCounterId | Huawei | 29.594 | 0082 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-212589 | Correction to policyCounterId | Huawei | 29.594 | 0082 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-212158 | Correction to expiry time | Huawei | 29.594 | 0083 | - | Rel-16 | F | en5GPccSer | revised |
| C3-212508 | Correction to expiry time | Huawei | 29.594 | 0083 | 1 | Rel-16 | F | en5GPccSer | agreed |
| C3-212159 | Correction to expiry time | Huawei | 29.594 | 0084 | - | Rel-17 | A | en5GPccSer | revised |
| C3-212509 | Correction to expiry time | Huawei | 29.594 | 0084 | 1 | Rel-17 | A | en5GPccSer | agreed |
| C3-212160 | Correction to notification correlation id | Huawei | 29.594 | 0085 | - | Rel-16 | F | en5GPccSer | revised |
| C3-212510 | Correction to notification correlation id | Huawei | 29.594 | 0085 | 1 | Rel-16 | F | en5GPccSer | agreed |
| C3-212161 | Correction to notification correlation id | Huawei | 29.594 | 0086 | - | Rel-17 | A | en5GPccSer | revised |
| C3-212511 | Correction to notification correlation id | Huawei | 29.594 | 0086 | 1 | Rel-17 | A | en5GPccSer | agreed |
| C3-212162 | Correction to spending limit report | Huawei | 29.594 | 0087 | - | Rel-16 | F | en5GPccSer | merged |
| C3-212163 | Correction to spending limit report | Huawei | 29.594 | 0088 | - | Rel-17 | A | en5GPccSer | merged |
| C3-212164 | Correction to the termination procedure | Huawei | 29.594 | 0089 | - | Rel-16 | F | en5GPccSer | revised |
| C3-212576 | Correction to the termination procedure | Huawei | 29.594 | 0089 | 1 | Rel-16 | F | en5GPccSer | agreed |
| C3-212165 | Correction to the termination procedure | Huawei | 29.594 | 0090 | - | Rel-17 | A | en5GPccSer | revised |
| C3-212577 | Correction to the termination procedure | Huawei | 29.594 | 0090 | 1 | Rel-17 | A | en5GPccSer | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| C3-212039 | C4-211624 | LS on the support of L2TP with CUPS | CT4 | noted | (none) |
| C3-212040 | C4-211806 | LS on Information on the port number allocation solutions | CT4 | noted | (none) |
| C3-212041 | S2-2101309 | LS on PAP/CHAP and other point-to-point protocols usage in 5GS | SA2 | noted | (none) |
| C3-212042 | S2-2101576 | Reply LS on Network Configuration Parameters Consistent Handling in UDM | SA2 | noted | (none) |
| C3-212043 | S2-2101595 | LS Response on the input parameters of the LCS subscription request from an AF via NEF | SA2 | noted | (none) |
| C3-212044 | S2-2101596 | Reply LS on UTRAN UE capabilities from CN to gNB | SA2 | noted | (none) |
| C3-212045 | S4-210311 | LS on Server Domain Name Usage for Application Traffic Detection | SA4 | noted | (none) |
| C3-212046 | S5-212312 | LS on OpenAPI guidelines | SA5 | noted | (none) |
| C3-212047 | S6-210707 | Reply LS on clarification regarding EEC ID | SA6 | noted | (none) |
| C3-212351 |  | 5G capabilities exposure for factories of the future | 5G-ACIA | noted | (none) |
| C3-212365 |  | Support of UAVs authentication/authorization in 3GPP systems and interfacing with USS/UTM | GSMA ACJA | noted | (none) |
| C3-212405 |  | LS to 3GPP SA2 on ARP PL | GSMA NG NRG | noted | (none) |
| C3-212523 | S4-210681 | LS on App ID Usage in NEF Related Service API in Rel 17 | SA4 | noted | (none) |
| C3-212524 | S2-2103217 | LS Reply on NSI ID on N7 interface | SA2 | postponed | (none) |
| C3-212525 | S2-2103220 | LS response on Support of AF instance change | SA2 | noted | (none) |
| C3-212526 | S2-2103224 | Reply LS on QoS monitoring control for Service Data Flows | SA2 | noted | (none) |
| C3-212527 | S2-2103228 | LS Reply on Server Domain Name Usage for Application Traffic Detection | SA2 | noted | (none) |
| C3-212528 | S2-2103232 | Reply LS on the support of L2TP with CUPS | SA2 | noted | (none) |
| C3-212529 | S2-2103235 | LS Response on the input parameters of the LCS subscription request from an AF via NEF | SA2 | postponed | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| C3-212404 | Reply LS on Server Domain Name Usage for Application Traffic Detection | SA4 | SA2 | C3-211077 |
| C3-212554 | LS on Clarification on the API design principles | CT4 | CT1, SA4, SA5 |  |
| C3-212569 | LS reply on the support of L2TP with CUPS | SA2, CT4 | SA3, CT1 | - |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| C3-212362 | Enhancements of 3GPP Northbound Interfaces | Huawei | WID new |
| C3-212363 | New WID on enhancement of 5G PCC related services in Rel-17 | Huawei | WID new |
| C3-212360 | Revised WID on Enablers for Network Automation for 5G - phase 2 | China Mobile Com. Corporation | WID revised |
| C3-212361 | CT aspects on Dynamically Changing AM Policies in the 5GC | Ericsson | WID revised |
| C3-212514 | Revised WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Com. Corporation | WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| C3-212520 | 29.558 | 0.3.0 | TS 29.558 v0.3.0 |
| C3-212565 | 29.534 | 0.1.0 | TS 29.534 v0.1.0 |
| C3-212566 | 29.552 | 0.1.0 | TS 29.552 v0.1.0 |

## 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

|  |  |  |
| --- | --- | --- |
| Name | Representing | Status (OP) |
| ANTSEV, Boris | T-Mobile USA Inc. | 3GPPMEMBER (ATIS) |
| ARREAGA, Arturo | Rogers Communications Canada | 3GPPMEMBER (ETSI) |
| ASKERUP, Anders | Hewlett-Packard Enterprise | 3GPPMEMBER (ETSI) |
| ATARIUS, Roozbeh | Motorola Mobility Germany GmbH | 3GPPMEMBER (ETSI) |
| AXELL, Jörgen | Ericsson-LG Co., LTD | 3GPPMEMBER (TTA) |
| BAEK, Youngkyo | Samsung Electronics France SA | 3GPPMEMBER (ETSI) |
| BAO, Chenxi | CATT | 3GPPMEMBER (CCSA) |
| BIONDIC, Nevenka | Ericsson GmbH, Eurolab | 3GPPMEMBER (ETSI) |
| BOURNELLE, Julien | Orange UK | 3GPPMEMBER (ETSI) |
| BRINKMANN, Horst | Nokia Italy | 3GPPMEMBER (ETSI) |
| BROSZEIT, Marco | Vodafone GmbH | 3GPPMEMBER (ETSI) |
| CALISKAN, Erdi | Havelsan | 3GPPMEMBER (ETSI) |
| CHAMPEL, Mary-Luc | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| DAWES, Peter | Vodafone Romania S.A. | 3GPPMEMBER (ETSI) |
| DE GREGORIO, Jesus | Ericsson Hungary Ltd | 3GPPMEMBER (ETSI) |
| EITOKU, haruka | NTT corporation | 3GPPMEMBER (ETSI) |
| EL MOATAMID, Abdessamad | Huawei Technologies France | 3GPPMEMBER (ETSI) |
| FERNANDEZ, Susana | Ericsson LM | 3GPPMEMBER (ETSI) |
| GARCIA AZORERO, Fuencisla | Ericsson India Private Limited | 3GPPMEMBER (TSDSI) |
| GULBANI, Giorgi | Huawei Technologies R&D UK | 3GPPMEMBER (ETSI) |
| GUPTA, Nishant | Samsung Electronics Nordic AB | 3GPPMEMBER (ETSI) |
| GUPTA, Varini | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
| HAO, Hongxia | HuaWei Technologies Co., Ltd | 3GPPMEMBER (CCSA) |
| HERRERO-VERON, Christian | HUAWEI TECHNOLOGIES Co. Ltd. | 3GPPMEMBER (ETSI) |
| HIKOSAKA, Maoki | NTT DOCOMO INC. | 3GPPMEMBER (ARIB) |
| HOLMSTRÖM, Tomas | Ericsson Telecomunicazioni SpA | 3GPPMEMBER (ETSI) |
| HUANG, Zhenning | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| INOUE, Yoshihiro | NTT | 3GPPMEMBER (TTC) |
| ISHIKAWA, Hiroshi | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| JING, Hao | ETSI | 3GPPORG\_REP (ETSI) |
| JOHANSSON, Kaj | Oy LM Ericsson AB | 3GPPMEMBER (ETSI) |
| KAPALE, Kiran | Samsung Research America | 3GPPMEMBER (ATIS) |
| KREIPL, Michael | Telekom Deutschland GmbH | 3GPPMEMBER (ETSI) |
| KRUSE, Heiko | IDEMIA | 3GPPMEMBER (ETSI) |
| KWEON, Kisuk | Samsung Electronics GmbH | 3GPPMEMBER (ETSI) |
| LAVASANI, Shahab | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| LEI, Yu | Xiaomi Communications | 3GPPMEMBER (CCSA) |
| LI, Li | Huawei Telecommunication India | 3GPPMEMBER (TSDSI) |
| LI, Pengyu | China Telecommunications | 3GPPMEMBER (ETSI) |
| LI, Zhijun | ZONSON | 3GPPMEMBER (CCSA) |
| LIANG, Tianmei | Ericsson Japan K.K. | 3GPPMEMBER (ARIB) |
| LIU, Jianning(Carry) | Beijing Xiaomi Software Tech | 3GPPMEMBER (CCSA) |
| LIU, Qingfen | HUAWEI Technologies Japan K.K. | 3GPPMEMBER (ARIB) |
| LU, Wei | Xiaomi Technology | 3GPPMEMBER (CCSA) |
| LU, Yang | VODAFONE Group Plc | 3GPPMEMBER (ETSI) |
| LU, Yunjie | Ericsson Inc. | 3GPPMEMBER (ATIS) |
| LUETZENKIRCHEN, Thomas | Intel Deutschland GmbH | 3GPPMEMBER (ETSI) |
| LUKACS, Don | Perspecta Labs Inc. | 3GPPMEMBER (ATIS) |
| MERINO VAZQUEZ, Emiliano | Ericsson España S.A. | 3GPPMEMBER (ETSI) |
| MOHAJERI, Shahram | AT&T GNS Belgium SPRL | 3GPPMEMBER (ETSI) |
| MONNES, Peter | Perspecta Labs Inc. | 3GPPMEMBER (ATIS) |
| MOON, Sang-Jun | Samsung Electronics Benelux BV | 3GPPMEMBER (ETSI) |
| MORAND, Lionel | Orange | 3GPPMEMBER (ETSI) |
| PAPAGEORGIOU, Apostolos | Nokia Germany | 3GPPMEMBER (ETSI) |
| PARK, Jungshin | Harman GmbH | 3GPPMEMBER (ETSI) |
| PATTAN, Basavaraj (Basu) | Samsung Electronics Polska | 3GPPMEMBER (ETSI) |
| QI, Caixia | Huawei Tech.(UK) Co.. Ltd | 3GPPMEMBER (ETSI) |
| RAJADURAI, Rajavelsamy | Samsung Electronics Czech | 3GPPMEMBER (ETSI) |
| SAHIN, Yildirim | Charter Communications, Inc | 3GPPMEMBER (ATIS) |
| SEDLACEK, Ivo | Ericsson France S.A.S | 3GPPMEMBER (ETSI) |
| SEYHAN, Ugur | Havelsan | 3GPPMEMBER (ETSI) |
| SHAH, Sapan | Samsung Electronics Romania | 3GPPMEMBER (ETSI) |
| SHEN, Yang | Beijing Xiaomi Mobile Software | 3GPPMEMBER (CCSA) |
| SHU, Lin | Huawei Device Co., Ltd | 3GPPMEMBER (CCSA) |
| SKROCKI, Mariusz | Orange Spain | 3GPPMEMBER (ETSI) |
| SOYTURK, baris | Havelsan | 3GPPMEMBER (ETSI) |
| SRIVASTAVA, Vimal | Cisco Systems Belgium | 3GPPMEMBER (ETSI) |
| STARSINIC, Michael | Convida Wireless | 3GPPMEMBER (ETSI) |
| SUH, Kyungjoo Grace | Samsung R&D Institute UK | 3GPPMEMBER (ETSI) |
| SUN, Yue | China Telecommunications | 3GPPMEMBER (ETSI) |
| SUZUKI, Yuji | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| TAKAKURA, Tsuyoshi | NEC Europe Ltd | 3GPPMEMBER (ETSI) |
| TANGUDU, Narendranath Durga | Samsung Electronics Iberia SA | 3GPPMEMBER (ETSI) |
| TSANG, Yolanda | ASTRI | 3GPPMEMBER (ETSI) |
| WANG, Dan | IPLOOK | 3GPPMEMBER (CCSA) |
| WANG, Menghan | Sanechips | 3GPPMEMBER (CCSA) |
| WASS, Mikael | Ericsson Limited | 3GPPMEMBER (ETSI) |
| WEI, haitao | Huawei Technologies Japan K.K. | 3GPPMEMBER (TTC) |
| WILD, Peter A. | Vodafone Ireland Plc | 3GPPMEMBER (ETSI) |
| WU, Jinhua | Beijing Xiaomi Mobile Software | () |
| XU, Wenliang | L.M. Ericsson Limited | 3GPPMEMBER (ETSI) |
| YAMAKITA, Takayuki | Oki Electric Industry Co. Ltd. | 3GPPMEMBER (TTC) |
| YAMAMOTO, Kenichi | KDDI Corporation | 3GPPMEMBER (ARIB) |
| YAN, Xiaojian | CALTTA | 3GPPMEMBER (CCSA) |
| YAN, Yali | HUAWEI TECH. GmbH | 3GPPMEMBER (ETSI) |
| YANG, Haorui | Beijing OPPO Com. corp., ltd | 3GPPMEMBER (CCSA) |
| YANG, Yong | Nanjing Ericsson Panda Com Ltd | 3GPPMEMBER (CCSA) |
| YONG, Jiang | CATT | 3GPPMEMBER (ETSI) |
| ZHAO, qiting | IPLOOK | 3GPPMEMBER (CCSA) |
| ZHAO, Shuai | Tencent | 3GPPMEMBER (CCSA) |
| ZHOU, Xiaoyun | Huawei Technologies (Korea) | 3GPPMEMBER (TTA) |
| ZHOU, Xingyue | ZTE Corporation | 3GPPMEMBER (CCSA) |
| ZIA, Waqar | Qualcomm Technologies Int | 3GPPMEMBER (ETSI) |

## Annex I: List of future meetings

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| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| CT3#116e | 2021-05-19 | 2021-05-28 | e-meeting | e-meeting | C3-116e |
| CT3#117e | 2021-08-18 | 2021-08-27 | e-meeting | e-meeting | C3-117 |
| CT3#118e | 2021-10-11 | 2021-10-15 | e-meeting | e-meeting | C3-118 |
| CT3#119e | 2021-11-11 | 2021-11-19 | e-meeting | e-meeting | C3-119 |