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

**Meeting Report  
for  
TSG CT WG3  
meeting: 116e**

**e-meeting, e-meeting, 2021-05-19 to 2021-05-28**

Report generated on Friday, 2021-06-04 16:22 UTC

Contents:

1 Opening of the meeting 4

2 Agenda/Schedule 4

2.1 Approval of the agenda 4

2.2 Proposed Schedule 4

3 Registration of documents 4

4 Reports 5

4.1 Report from previous CT3 meeting 5

4.2 Report from previous CT plenary 6

4.3 Reports from other groups 6

5 Items for immediate consideration 6

5.1 IPR disclosures 6

5.2 Antitrust declarations 6

5.3 Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities 6

5.4 Other items for immediate consideration 6

6 Received Liaison Statements 6

8.1 Release 8 IMS/CS Work Items 8

8.2 Release 8 Packet Core Work Items 8

9.1 Release 9 IMS/CS Work Items 8

9.2 Release 9 Packet Core Work Items 8

10.1 Release 10 IMS/CS Work Items 8

10.2 Release 10 Packet Core Work Items 8

11.1 Release 11 IMS/CS Work Items 8

11.2 Release 11 Packet Core Work Items 8

12.1 Release 12 IMS/CS Work Items 8

12.2 Release 12 Packet Core Work Items 8

13.1 Release 13 IMS/CS Work Items 8

13.2 Release 13 Packet Core Work Items 8

14.1 Release 14 IMS/CS Work Items 8

14.2 Release 14 Packet Core Work Items 8

15.1 Study on Policy and Charging for Volume Based Charging [FS\_PC\_VBC] 8

15.2 CT aspects on 5G System - Phase 1 [5GS\_Ph1-CT] 8

15.2.1 Technical Report (TR 29.890) 8

15.2.2 Access and Mobility Policy Control Services (TS 29.507) 8

15.2.3 Session Management Event Exposure Service (TS 29.508) 8

15.2.4 Session Management Policy Control Services (TS 29.512) 8

15.2.5 Policy Authorization Services (TS 29.514) 10

15.2.6 Policy and Charging Control signalling flows and QoS parameter mapping (TS 29.513) 11

15.2.7 Network Data Analytics Services (TS 29.520) 12

15.2.8 Interworking between 5G Network and External Data Networks (TS 29.561) 12

15.2.9 Usage of the Unified Data Repository service for Policy Control Data and Structured Data (TS 29.519) 12

15.2.10 Packet Flow Description Management Service (TS 29.551) 12

15.2.11 Network Exposure Function Northbound APIs (TS 29.522) 13

15.2.12 Binding Support Management Service (TS 29.521) 13

15.2.13 Background Data Transfer Policy Control Service (TS 29.554) 13

15.2.14 Spending Limit Control Service (TS 29.594) 13

15.2.15 UE Policy Control Service (TS 29.525) 13

15.2.16 Policy Control Event Exposure Service (TS 29.523) 13

15.2.17 5G Impacts in existing TSs 13

15.3 IMS Stage-3 IETF Protocol Alignment [IMSProtoc9] 13

15.4 CT aspects of Northbound APIs for SCEF-SCSAS Interworking [NAPS-CT] 13

15.5 CT aspects of Enhanced Calling Name Service [eCNAM-CT] 16

15.6 EPC enhancements to support 5G New Radio via Dual Connectivity, CT aspects [EDCE5-CT] 16

15.7 Enhancements to Mission Critical Video - CT aspects [eMCVideo-CT] 16

15.8 IMS impact due to 5GS IP-CAN [5GS\_Ph1-IMSo5G] 16

15.9 CT aspects on enhanced VoLTE performance [eVoLP-CT] 16

15.10 CT aspects of 3GPP PS data off function – Phase 2 [PS\_DATA\_OFF2-CT] 16

15.11 Policy and Charging for Volume Based Charging [PC\_VBC] 16

15.12 Common API Framework for 3GPP Northbound APIs 16

[CAPIF-CT] 16

15.13 SRVCC for terminating call in pre-alerting phase 16

[bSRVCC-MT] 16

15.14 Mobile Communication System for Railways 16

[MONASTERY] 16

15.15 Enhancements to Call spoofing functionality 16

[eSPECTRE] 16

15.16 CT aspects of 5G Trace management [NETSLICE-5GTRACE-CT] 17

15.17 Technical Enhancements and Improvements [TEI15] 17

15.17.1 TEI15 for IMS/CS 17

15.17.2 TEI15 for Packet Core 17

15.18 OpenAPI version updates 17

16.1 Multi-device and multi-identity [MuD] 17

16.2 IMS Stage-3 IETF Protocol Alignment [IMSProtoc16] 17

16.3 Enhancement of 5G PCC related services [en5GPccSer] 17

16.4 CT aspects on Enablers for Network Automation for 5G [eNA] 19

16.5 CT aspects on eSBA [5G\_eSBA] 21

16.6 CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system [ATSSS] 29

16.7 CT aspects of 5GS enhanced support of vertical and LAN services [Vertical\_LAN] 30

16.8 CT aspects of Enhancing Topology of SMF and UPF in 5G Networks [ETSUN] 31

16.9 CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated Ues [PARLOS] 31

16.10 CT aspects on enhancement of network slicing [eNS] 31

16.11 CT aspects of Enhancement to the 5GC LoCation Services [5G\_eLCS] 31

16.12 CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI [E2E\_DELAY] 31

16.13 Cellular IoT support and evolution for the 5G System [5G\_CIoT] 31

16.14 CT aspects on wireless and wireline convergence for the 5G system architecture [5WWC] 32

16.15 Volume Based Charging Aspects for VoLTE [VBCLTE] 32

16.16 CT aspects of optimisations on UE radio capability signalling [RACS] 32

16.17 Service Based Interface Protocol Enhancement [SBIProtoc16] 32

16.18 CT aspects of eV2XARC [eV2XARC] 32

16.19 CT aspects of 5G URLLC [5G\_URLLC] 32

16.20 Enhancement of 3GPP Northbound APIs [eNAPIs] 33

16.21 CT Aspects of 5GS Transfer of Policies for Background Data [xBDT] 33

16.22 CT aspects of SBA interactions between IMS and 5GC [eIMS5G\_SBA] 33

16.23 CT aspects of application layer support for V2X services[V2XAPP] 33

16.24 xMB extension for mission critical services [MC\_XMB-CT] 33

16.25 CT aspects of enhancements for Common API Framework for 3GPP Northbound APIs [eCAPIF] 33

16.26 CT aspects of Service Enabler Architecture Layer for Verticals [SEAL] 33

16.27 CT aspect of single radio voice continuity from 5GS to 3G [5G\_SRVCC] 34

16.28 Technical Enhancements and Improvements [TEI16] 34

16.28.1 TEI16 for IMS/CS 34

16.28.2 TEI16 for Packet Core 34

16.29 OpenAPI version updates 34

17.1 Rel-17 Work Items 36

17.1.1 New or revised Work Items 36

17.1.2 Contributions on Work Items 46

17.2 Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2] 46

17.3 PFD Management Enhancement [pfdManEnh] 47

17.4 Service Based Interface Protocol Improvements Release 17 [SBIProtoc17] 47

17.5 IMS Stage-3 IETF Protocol Alignment [IMSProtoc17] 50

17.6 Study on enhanced IMS to 5GC Integration Phase 2 [FS\_eIMS5G2] 50

17.7 Authentication and key management for applications based on 3GPP credential in 5G [AKMA-CT] 50

17.8 CT aspects on PAP/CHAP protocols usage in 5GS [PAP\_CHAP] 50

17.9 CT aspects for enabling Edge Applications [EDGEAPP] 50

17.10 Reliable Data Service Serialization Indication [RDSSI] 52

17.11 CT aspects on Dynamically Changing AM Policies in the 5GC [TEI17\_DCAMP] 52

17.12 N7 Interfaces Enhancements to Support GERAN and UTRAN [TEI17\_NIESGU] 54

17.13 CT aspects on Dynamic Management of Group-based Event Monitoring [TEI17\_GEM] 55

17.14 CT aspects on Same PCF Selection for AMF and SMF [TEI17\_SPSFAS] 55

17.15 CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 [ATSSS\_Ph2] 55

17.16 CT aspects of support of enhanced Industrial IoT [IIoT] 56

17.17 CT aspects of Enhanced support of Non-Public Networks [eNPN] 60

17.18 Enhancement of Network Slicing Phase 2 [eNS\_Ph2] 60

17.19 CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking [ID\_UAS] 61

17.20 CT Aspects of 5G eEDGE [eEDGE\_5GC] 63

17.21 Enhancement to the 5GC Location Services - Phase 2 [5G\_eLCS\_ph2] 67

17.22 CT aspects of proximity based services in 5GS [5G\_ProSe] 67

17.23 Enablers for Network Automation for 5G - phase 2 [eNA\_Ph2] 68

17.24 BEst Practice of PFCP [BEPoP] 75

17.25 CT aspects of 5GC architecture for satellite networks [5GSAT\_ARCH-CT] 77

17.26 CT aspects of Enhanced application layer support for V2X services [eV2XAPP] 78

17.27 CT aspects on support for Signed Attestation for Priority and Emergency Sessions [TEI17\_SAPES] 79

17.28 Enhancements of 3GPP Northbound Interfaces [NBI17] 80

17.29 Enhancement of 5G PCC related services in Rel-17 [en5GPccSerR17] 88

17.30 CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) [UASAPP] 91

17.31 Technical Enhancements and Improvements [TEI17] 92

17.31.1 TEI17 for IMS/CS 92

17.31.2 TEI17 for Packet Core 92

17.32 OpenAPI version updates 101

17.33 Inclusive language in TSs & TRs 104

18 Work Organisation 104

18.1 Work Plan Review 104

18.2 Specification Review 105

18.3 Next meetings, allocation of hosts 105

18.4 Calendar 105

19 Joint Sessions 105

20 Summary of results 105

21 Any other business 105

22 Closing of the meeting 105

## 1 Opening of the meeting

## 2 Agenda/Schedule

**C3-213016 CT3#116e guidance**

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

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

### 2.1 Approval of the agenda

**C3-213000 Draft Agenda for the CT3#116 e-Meeting**

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

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

### 2.2 Proposed Schedule

**C3-213001 INFO Proposed Schedule for CT3#116e**

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

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

## 3 Registration of documents

**C3-213002 Allocation of documents to agenda items (at Deadline)**

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

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

**C3-213003 Allocation of documents to agenda items (Start of Day 1)**

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

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

**C3-213004 Allocation of documents to agenda items (Start of Day 2)**

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

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

**C3-213005 Allocation of documents to agenda items (Start of Day 3)**

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

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

**C3-213006 Allocation of documents to agenda items (Start of Day 4)**

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

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

**C3-213007 Allocation of documents to agenda items (Start of Day 5)**

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

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

**C3-213008 Allocation of documents to agenda items (Start of Day 6)**

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

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

**C3-213009 Allocation of documents to agenda items (Start of Day 7)**

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

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

**C3-213010 Allocation of documents to agenda items (Start of Day 8)**

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

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

**C3-213011 Allocation of documents to agenda items (End of Day 8)**

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

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

**C3-213564 Allocation of documents to agenda items (after email approval)**

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

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

## 4 Reports

### 4.1 Report from previous CT3 meeting

**C3-213013 Minutes of CT3#115e**

*Type: report For: Approval  
 Source: MCC*

**Decision:** The document was **revised to C3-213313**.

**C3-213313 Minutes of CT3#115e**

*Type: report For: Approval  
 Source: MCC*

(Replaces C3-213013)

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

### 4.2 Report from previous CT plenary

### 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

**C3-213035 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**.

**C3-213036 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**.

**C3-213312 LS on work split for MBSF and MBSTF definition**

*Type: LS in For: Discussion  
 Original outgoing LS: S4-210632, to SA2, cc SA6, CT4  
 Source: SA4*

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

### 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

### 10.2 Release 10 Packet Core Work Items

### 11.1 Release 11 IMS/CS Work Items

### 11.2 Release 11 Packet Core Work Items

### 12.1 Release 12 IMS/CS Work Items

### 12.2 Release 12 Packet Core Work Items

### 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)

**C3-213120 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v15.10.0 CR-0753 rev 2 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-212543)

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

**C3-213302 Wrong referenced SmPolicyDecision data type**

*Type: CR For: Agreement  
 29.512 v15.10.0 CR-0793 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213519**.

**C3-213519 Wrong referenced SmPolicyDecision data type**

*Type: CR For: Agreement  
 29.512 v15.10.0 CR-0793 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE*

(Replaces C3-213302)

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

**C3-213303 Wrong referenced SmPolicyDecision data type**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0794 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213520**.

**C3-213520 Wrong referenced SmPolicyDecision data type**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0794 rev 1 Cat: A (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213303)

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

**C3-213304 Wrong referenced SmPolicyDecision data type**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0795 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213521**.

**C3-213521 Wrong referenced SmPolicyDecision data type**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0795 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213304)

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

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

**C3-213114 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v15.9.0 CR-0300 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE*

(Replaces C3-212240)

**Decision:** The document was **revised to C3-213522**.

**C3-213522 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v15.9.0 CR-0300 rev 2 Cat: F (Rel-15)  
  
 Source: ZTE*

(Replaces C3-213114)

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

**C3-213115 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0301 rev 1 Cat: A (Rel-16)  
  
 Source: ZTE*

(Replaces C3-212241)

**Decision:** The document was **revised to C3-213523**.

**C3-213523 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0301 rev 2 Cat: A (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213115)

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

**C3-213116 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0302 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-212242)

**Decision:** The document was **revised to C3-213524**.

**C3-213524 Correction on 404 Not Found**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0302 rev 2 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213116)

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

**C3-213253 Attribute and data type corrections**

*Type: CR For: Agreement  
 29.514 v15.9.0 CR-0319 Cat: F (Rel-15)  
  
 Source: Ericsson*

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

**C3-213260 Attribute and data type corrections**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0320 Cat: A (Rel-16)  
  
 Source: Ericsson*

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

**C3-213263 Attribute and data type corrections**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0321 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

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

**C3-213246 Correction of missing interaction for updating UDR data based on usage report**

*Type: CR For: Agreement  
 29.513 v15.10.0 CR-0267 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Correction of missing interaction for updating UDR data based on usage report

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

**C3-213247 Correction of missing interaction for updating UDR data based on usage report**

*Type: CR For: Agreement  
 29.513 v16.7.0 CR-0268 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Correction of missing interaction for updating UDR data based on usage report

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

**C3-213248 Correction of missing interaction for updating UDR data based on usage report**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0269 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Correction of missing interaction for updating UDR data based on usage report

**Decision:** The document was **revised to C3-213562**.

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

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

#### 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)

**C3-213111 Correction of request URI in 4.2.2.2**

*Type: CR For: Agreement  
 29.551 v15.8.0 CR-0077 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213507**.

**C3-213507 Correction of request URI in 4.2.2.2**

*Type: CR For: Agreement  
 29.551 v15.8.0 CR-0077 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE*

(Replaces C3-213111)

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

**C3-213112 Correction of request URI in 4.2.2.2**

*Type: CR For: Agreement  
 29.551 v16.7.0 CR-0078 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213508**.

**C3-213508 Correction of request URI in 4.2.2.2**

*Type: CR For: Agreement  
 29.551 v16.7.0 CR-0078 rev 1 Cat: A (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213112)

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

**C3-213113 Correction of request URI in 4.2.2.2**

*Type: CR For: Agreement  
 29.551 v17.2.0 CR-0079 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213509**.

**C3-213509 Correction of request URI in 4.2.2.2**

*Type: CR For: Agreement  
 29.551 v17.2.0 CR-0079 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213113)

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

#### 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)

#### 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]

**C3-213057 Wrong event name**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0423 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**C3-213058 Wrong event name**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0424 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**C3-213059 Wrong event name**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0425 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-213243 Format of location information**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0445 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213510**.

**C3-213510 Format of location information**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0445 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-213243)

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

**C3-213244 Format of location information**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0446 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213511**.

**C3-213511 Format of location information**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0446 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-213244)

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

**C3-213245 Format of location information**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0447 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213512**.

**C3-213512 Format of location information**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0447 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213245)

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

**C3-213391 Corrections on PATCH operation for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0448 Cat: F (Rel-15)  
  
 Source: Huawei*

**Abstract:**

Mirror CR

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

**C3-213392 Corrections on PATCH operation for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0449 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**C3-213393 Corrections on PATCH operation for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0450 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-213396 Essential corrections to 204 in PATCH in NIDD API**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0451 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213548**.

**C3-213548 Essential corrections to 204 in PATCH in NIDD API**

*Type: CR For: Agreement  
 29.122 v15.10.0 CR-0451 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces C3-213396)

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

**C3-213397 Essential corrections to 204 in PATCH in NIDD API**

*Type: CR For: Agreement  
 29.122 v16.9.0 CR-0452 Cat: A (Rel-16)  
  
 Source: Ericsson*

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

**C3-213398 Essential corrections to 204 in PATCH in NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0453 Cat: A (Rel-17)  
  
 Source: Ericsson*

**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]

### 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]

**C3-213089 Correction on Calling number verification using signature verification and attestation information**

*Type: CR For: Agreement  
 29.165 v15.12.0 CR-1026 Cat: F (Rel-15)  
  
 Source: Ericsson*

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

**C3-213090 Correction on Calling number verification using signature verification and attestation information**

*Type: CR For: Agreement  
 29.165 v16.5.0 CR-1027 Cat: A (Rel-16)  
  
 Source: Ericsson*

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

**C3-213091 Correction on Calling number verification using signature verification and attestation information**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1028 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

### 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

**C3-213462 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.520 v15.8.0 CR-0303 Cat: F (Rel-15)  
  
 Source: China Mobile*

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

### 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]

**C3-213278 Correction to Same PCF requests to BSF**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0789 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213300**.

**C3-213300 Correction to Same PCF requests to BSF**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0789 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-213278)

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

**C3-213279 Correction to Same PCF requests to BSF**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0790 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213301**.

**C3-213301 Correction to Same PCF requests to BSF**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0790 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213279)

**Decision:** The document was **revised to C3-213559**.

**C3-213280 Correction to ExtendedSamePcf feature**

*Type: CR For: Agreement  
 29.521 v16.7.0 CR-0108 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213560**.

**C3-213560 Correction to ExtendedSamePcf feature**

*Type: CR For: Agreement  
 29.521 v16.7.0 CR-0108 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-213280)

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

**C3-213281 Correction to ExtendedSamePcf feature**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0109 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213561**.

**C3-213561 Correction to ExtendedSamePcf feature**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0109 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213281)

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

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

**C3-213030 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0268 rev 3 Cat: F (Rel-16)  
  
 Source: KDDI, Huawei*

(Replaces C3-212600)

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

**C3-213031 Adding missing description for partial failure operation**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0269 rev 3 Cat: A (Rel-17)  
  
 Source: KDDI, Huawei*

(Replaces C3-212601)

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

**C3-213032 Adding description for partial failure operation of AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0340 Cat: F (Rel-16)  
  
 Source: KDDI, Huawei*

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

**C3-213033 Adding description for partial failure operation of AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0341 Cat: A (Rel-17)  
  
 Source: KDDI, Huawei*

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

**C3-213103 Presence condition of eventsRepInfo attribute**

*Type: CR For: Agreement  
 29.591 v16.4.0 CR-0045 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213525**.

**C3-213525 Presence condition of eventsRepInfo attribute**

*Type: CR For: Agreement  
 29.591 v16.4.0 CR-0045 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213103)

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

**C3-213104 Presence condition of eventsRepInfo attribute**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0046 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213526**.

**C3-213526 Presence condition of eventsRepInfo attribute**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0046 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213104)

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

**C3-213124 Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0316 Cat: F (Rel-16)  
  
 Source: China Telecom*

**Decision:** The document was **revised to C3-213527**.

**C3-213527 Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0316 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom*

(Replaces C3-213124)

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

**C3-213125 Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0317 Cat: A (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **revised to C3-213528**.

**C3-213528 Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0317 rev 1 Cat: A (Rel-17)  
  
 Source: China Telecom*

(Replaces C3-213125)

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

**C3-213355 Consistency for websocket in AnalyticsExposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0350 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-213194)

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

**C3-213356 Consistency for websocket in AnalyticsExposure**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0360 Cat: F (Rel-16)  
  
 Source: Ericsson, Huawei*

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

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

**C3-213022 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.507 v16.7.0 CR-0169 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213401**.

**C3-213401 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.507 v16.7.0 CR-0169 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213022)

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

**C3-213023 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0170 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213402**.

**C3-213402 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0170 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213023)

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

**C3-213024 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.508 v16.7.0 CR-0133 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213403**.

**C3-213403 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.508 v16.7.0 CR-0133 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213024)

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

**C3-213025 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0134 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213404**.

**C3-213404 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0134 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213025)

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

**C3-213026 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.525 v16.7.0 CR-0156 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213405**.

**C3-213405 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.525 v16.7.0 CR-0156 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213026)

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

**C3-213027 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0157 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213406**.

**C3-213406 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0157 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213027)

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

**C3-213028 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0091 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213407**.

**C3-213407 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0091 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213028)

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

**C3-213029 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0092 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-213408**.

**C3-213408 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0092 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213029)

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

**C3-213075 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0305 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213409**.

**C3-213409 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0305 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-213075)

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

**C3-213076 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0306 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213410**.

**C3-213410 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0306 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213076)

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

**C3-213077 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.523 v16.4.0 CR-0050 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213411**.

**C3-213411 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.523 v16.4.0 CR-0050 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-213077)

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

**C3-213078 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0051 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213412**.

**C3-213412 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0051 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213078)

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

**C3-213079 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.554 v16.6.0 CR-0067 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213413**.

**C3-213413 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.554 v16.6.0 CR-0067 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-213079)

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

**C3-213080 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.554 v17.0.0 CR-0068 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213414**.

**C3-213414 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.554 v17.0.0 CR-0068 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213080)

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

**C3-213081 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0296 Cat: F (Rel-16)  
  
 Source: Ericsson, China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213415**.

**C3-213415 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0296 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, China Mobile Com. Corporation*

(Replaces C3-213081)

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

**C3-213082 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0297 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213416**.

**C3-213416 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0297 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile Com. Corporation*

(Replaces C3-213082)

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

**C3-213083 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.521 v16.7.0 CR-0106 Cat: F (Rel-16)  
  
 Source: Ericsson, China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213417**.

**C3-213417 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.521 v16.7.0 CR-0106 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, China Mobile Com. Corporation*

(Replaces C3-213083)

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

**C3-213084 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0107 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213418**.

**C3-213418 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0107 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile Com. Corporation*

(Replaces C3-213084)

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

**C3-213123 Redirect Responses**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0781 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213419**.

**C3-213419 Redirect Responses**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0781 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-213123)

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

**C3-213162 Redirect Responses**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0786 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213420**.

**C3-213420 Redirect Responses**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0786 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213162)

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

**C3-213173 Redirection responses**

*Type: CR For: Agreement  
 29.517 v16.4.0 CR-0042 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213421**.

**C3-213421 Redirection responses**

*Type: CR For: Agreement  
 29.517 v16.4.0 CR-0042 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-213173)

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

**C3-213174 Redirection responses**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0041 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213422**.

**C3-213422 Redirection responses**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0041 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213174)

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

**C3-213175 Redirection responses**

*Type: CR For: Agreement  
 29.591 v16.4.0 CR-0047 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213423**.

**C3-213423 Redirection responses**

*Type: CR For: Agreement  
 29.591 v16.4.0 CR-0047 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-213175)

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

**C3-213176 Redirection responses**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0048 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213424**.

**C3-213424 Redirection responses**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0048 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213176)

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

**C3-213308 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.551 v16.7.0 CR-0080 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213425**.

**C3-213425 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.551 v16.7.0 CR-0080 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213308)

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

**C3-213309 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.551 v17.2.0 CR-0081 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213426**.

**C3-213426 Temporary and Permanent Redirection**

*Type: CR For: Agreement  
 29.551 v17.2.0 CR-0081 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213309)

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

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

**C3-213101 Correction on wrong referenced attributes**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0779 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213513**.

**C3-213513 Correction on wrong referenced attributes**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0779 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213101)

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

**C3-213102 Correction on wrong referenced attributes**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0780 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213514**.

**C3-213514 Correction on wrong referenced attributes**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0780 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213102)

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

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

**C3-213105 Correcting the unit of periodicity**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0307 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213515**.

**C3-213515 Correcting the unit of periodicity**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0307 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213105)

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

**C3-213106 Correcting the unit of periodicity**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0308 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213516**.

**C3-213516 Correcting the unit of periodicity**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0308 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213106)

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

**C3-213108 Removal of tsnBridgeInfo from EventsNotification data type**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0309 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213517**.

**C3-213517 Removal of tsnBridgeInfo from EventsNotification data type**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0309 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213108)

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

**C3-213117 Removal of tsnBridgeInfo from EventsNotification data type**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0312 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213518**.

**C3-213518 Removal of tsnBridgeInfo from EventsNotification data type**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0312 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-213117)

**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]

### 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]

**C3-213126 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 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212579)

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

**C3-213163 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 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212578)

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

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

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

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

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

### 16.18 CT aspects of eV2XARC [eV2XARC]

**C3-213055 Wrong attribute name in the OpenAPI file**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0343 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-213056 Wrong attribute name in the OpenAPI file**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0344 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-213087 Data type in 200 OK response to PATCH**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0345 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-213088 Data type in 200 OK response to PATCH**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0346 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

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

**C3-213109 Alignment of procedure name**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0310 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-213110 Alignment of procedure name**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0311 Cat: A (Rel-17)  
  
 Source: ZTE*

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

### 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]

### 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]

**C3-213187 Notification URI**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0024 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-213188 Notification URI**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0025 Cat: A (Rel-17)  
  
 Source: Huawei*

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

### 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

#### 16.28.2 TEI16 for Packet Core

**C3-213047 Deactivation Time for time conditioned session rule**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0773 Cat: F (Rel-16)  
  
 Source: Ericsson, ZTE*

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

**C3-213121 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0754 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-212544)

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

**C3-213122 Correct the error code MISS\_FLOW\_INFO**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0755 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212545)

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

### 16.29 OpenAPI version updates

**C3-213463 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.507 v16.7.0 CR-0172 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213464 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.508 v16.7.0 CR-0137 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213465 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.525 v16.7.0 CR-0159 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213466 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.594 v16.5.0 CR-0093 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213467 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.514 v16.8.0 CR-0326 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-213468 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.523 v16.4.0 CR-0054 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-213469 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.554 v16.6.0 CR-0069 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-213470 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.520 v16.7.0 CR-0304 Cat: F (Rel-16)  
  
 Source: China Mobile*

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

**C3-213471 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.521 v16.7.0 CR-0110 Cat: F (Rel-16)  
  
 Source: China Mobile*

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

**C3-213472 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.512 v16.8.0 CR-0796 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-213473 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.517 v16.4.0 CR-0044 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-213474 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.591 v16.4.0 CR-0050 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-213475 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.551 v16.7.0 CR-0082 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-213476 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.522 v16.7.0 CR-0362 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-213542 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.486 v16.3.0 CR-0057 Cat: F (Rel-16)  
  
 Source: Huawei*

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

### 17.1 Rel-17 Work Items

#### 17.1.1 New or revised Work Items

**C3-213018 System enhancement for redundant PDU session**

*Type: WID new For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

WID for WI TEI17\_SE\_RPS.

**Discussion:**

Huawei: I check that the related SA2 CRs have not been agreed yet and CT3 impacts have not been concluded. It is premature to agree this WID from my point of view.

Ericsson: In relation to the progress of the related stage 2 requirements, I’d like to ask for some further information about if there are any open issue related to the mentioned CRs (CR 2736 to TS 23.501, CR 2658 to TS 23.502) or if in the other hand their contents can be considered stable.

In relation to the Expected Output chapter, as far as I understand it, there is no impact in 29.512 and 29.514 as per current progress in stage 2 and SA2 WID definition. Do you agree with it? If it is so, I’d prefer to remove them from the WID for the time being.

Qualcomm: I agree on the following, the basis of this in 23.501 CR 2736 adds Editor’s Note: “It is FFS if and how the URSP rules can be used to configure PDU Session Pair ID”, so with a keyword “if”, can we add aspects related to URSP?

Also as mentioned in the following I am not clear how e.g. 29.512 is related to URSP impact.

It would be also good if instead of just saying “impact on URSP”, please shed some more light on the CT3 specific aspect of the impact, e.g. is the impact on provisioning etc.?

Nokia: I agree that the stage 2 requirements are not complete (see editor’s notes). It is fine for me to remove 29.512 and 29.514 in the current version of the WID. Is it ok to keep 29.513 with including the word potential?

Is it fine for the time being and in relation to stage 2 to say:

CT3 (if the normative requirements will be specified)

1) Potential impact on UE Route Selection Policy (URSP) rules for the provisioning of redundant PDU sessions

2) Introduction of an identification of the PDU session pair

I will submit a revision, if you can agree with something like that.

Ericsson: If it is being challenged by SA2 whether the URSP rules are used to convey information of paired PDU sessions (as the SA2 WID says) I see it is very premature to agree in the WID, unless the progress in SA2 during this meeting allows us to have a stable stage 3 definition.

Qualcomm is fine with the proposal from Nokia.

Monitor SA2 discussions.

Nokia makes r1 available.

Nokia: I got the following CT1 information:

The WID is postponed because there is no agreed CR yet. CT3 decided to re-discuss the CT WID next Tue or Wed based on the progress in SA2.

Nokia: Daily update with the same status: SA2 CR was technically endorsed last meeting, being revised and still discussed this meeting.

**Decision:** The document was **revised to C3-213314**.

**C3-213314 System enhancement for redundant PDU session**

*Type: WID new For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213018)

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

**C3-213019 CT aspects of support of enhanced Industrial IoT**

*Type: WID revised For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Discussion:**

Huawei: As SA2 has much progress since last meeting, I propose to revise the CT3 part in the WID at this time, e.g. the word “potential” can be removed in some cases.

Nokia: I will propose a revision with:

Potential remove in most of places (may be kept in point 4 related to UDR).

Nokia: it also includes the CT4 updates (current assumption that there will be no more updates). There were no CT1 comment. CT1 and CT4 Tdoc numbers missing currently.

Huawei: As support of Time Sensitive Communication other than TSN is a major enhancement, I propose to add it in the CT3 impacts.

Nokia: I think, this is something general holding true and not only for CT3. From my point the introduction sentence in the Justification pointing to SA2 seems sufficient.

Ericsson: I’d like to bring back the Potential impact in bullet 3) and then keep Potential impacts on PCF to handle additional parameters for TSC QoS (because I did not see any…, so far…or?).

For TS 29.512, Impacts to N7 to support survival time and time domain delivery, and exposure of TSC services. If I’m not missing anything, I did not see so far any impact because of UL synchronization.

For TS 29.514, Impacts to N5 to support survival time and time domain delivery, and exposure of TSC services. Same for UL synch.

Nokia: the requested changes are included in revision 4 now (revision increased to 4 due to changes done by CT1 and CT4 directly after upload of revision 3).

**Decision:** The document was **revised to C3-213315**.

**C3-213315 CT aspects of support of enhanced Industrial IoT**

*Type: WID revised For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213019)

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

**C3-213020 Discussion on nested cardinality**

*Type: discussion For: Discussion  
 Source: China Mobile*

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

**C3-213021 Nested cardinality**

*Type: discussion For: Information  
 Source: China Mobile*

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

**C3-213034 Revised WID on CT aspects on Same PCF Selection For AMF and SMF**

*Type: WID revised For: Endorsement  
 Source: China Telecommunications*

**Decision:** The document was **revised to C3-213545**.

**C3-213545 Revised WID on CT aspects on Same PCF Selection For AMF and SMF**

*Type: WID revised For: Endorsement  
 Source: China Telecommunications*

(Replaces C3-213034)

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

**C3-213093 CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS)**

*Type: WID new For: Endorsement  
 Source: Huawei*

(Replaces C3-212364)

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

**C3-213169 Discussion paper on 5MBS work split**

*Type: discussion For: Decision  
 Source: Huawei*

**Decision:** The document was **revised to C3-213306**.

**C3-213306 Discussion paper on 5MBS work split**

*Type: discussion For: Decision  
 Source: Huawei*

(Replaces C3-213169)

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

**C3-213170 New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services**

*Type: WID new For: Endorsement  
 Source: Huawei*

**Decision:** The document was **revised to C3-213307**.

**C3-213307 New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services**

*Type: WID new For: Endorsement  
 Source: Huawei*

(Replaces C3-213170)

**Discussion:**

Discuss it in both CT3 & CT4 reflectors.

Huawei: Please note that I will correct the completion date to March 2022 (instead of June 2022) in clause 5 in the next version of the WID that I will share. I am also planning to add a NOTE in clause 5 to indicate that potential new CT3 TSs are FFS based on the progress of Stage 2 work. Waiting for other comments before doing so.

Ericsson:

1)CT3 related consideration, whether still follow CT4 inside 5GC, CT3 PCC and external IWK , when considering work split ?

If Yes to 1),

a. Upon below just blue circled MBSF, MBSTF i/f, then seems Nmb1 should also belong to CT3. And also missing Nmb6 in CT3 scope, which now in SA2 pCR updated as Nmb10.

b. TS 23.247 v0.2.0 clause 5.3.2.2 MB-SMF function does not including northbound function, then what’s the services in N29mb, only MB-SMF event exposure in CT3 scope like SMF Event Exposure?

2) SA2: Need to close monitoring the concurrent SA2#145e progress, and only cover the concluded stable contents in 5MBS WID scope.

c. SA2#145e, more than 100 pCRs/CRs submitted for 5MBS, with different solutions e.g. on how does AF/NEF provides service requirement to PCF, and MB-SMF discover the PCF.

and below 5MBS system architecture also have proposed pCR to complete the interface scope with updated aligned SBI reference points

a. TS 23.247 in SA2#114e indicates 50% complete, therefore still extensive updates in the coming meetings expected. => For those not conclude as completion, not suitable in current CT WID scope.

3)SA4 LS with TR 26.802 v1.2.0 focus on clauses 5.3, 6.2, 7.3, not yet defining Nmb2 interface i.e. how to interact between MBSF and MBSTF, which will impact e2e procedures.

Hence, hope above parts could be effectively considered on effective working splitting , and not cover not stable scope in current 5MBS WID scope.

Nokia: I agree that a new specification will be required, if SA2 defines new services offered by the PCF. Therefore, a note like that is fine for me.

Huawei: Revised WID provided. Summary:

• CT3 and CT1 tdoc numbers are also added to ease the tracking of the changes in all groups and also keeping the WID aligned.

• WID completion date was aligned with stage 3 freeze for Rel-17, which is March’22.

• Editor’s notes try capturing stage 2 open issues, which implies the WID must be revised in near future, every time SA2 makes a change that has stage 3 implications.

Nokia: We agree with the proposed work split. Discussion between Nokia and Huawei on CT4 details in the reflector.

Huawei to Ericsson:

Nmb1: We need to focus more on the service based interfaces exposed by each NF. So I understand that your proposal is to have the Nmbsmf services (e.g. TMGI allocation, MB session start/stop, etc.) related to Nmb1 interface should rather be defined by CT3, right?

On Nmb6/Nmb10: Ok, I can add it. Can you please share the tdoc number of the SA2 pCR you are referring to?

On N29mb: Exactly, this will depend on Stage 2 progress, i.e. either we are able to reuse the existing Nsmf\_EE service or we need to define a new dedicated Nmbsmf\_EE service.

On TS 29.116: Can you please further clarify your comment?

Can you please clearly indicate which impacts should not be considered in the CT WID for the time being? As you have noticed, several impacts are on purpose indicated as “potential” in order to cope with the fact that Stage 2 is not yet stable enough.

Huawei: I believe N29 interface should be used by two producers: (a) by MB-SMF and (b) by NEF, hence the work split should be as follows:

• New MB-SMF producer API should provide all necessary services across all relevant interfaces, including to NEF consumer over N29. CT4 scope

• NEF producer should provide specifically the Event Exposure service to MB-SMF consumer over N29. CT3 scope.

Concerning shaky stage 2, like interface names and so forth, I believe we should capture all unstable matter with Editor’s notes, but we should start working on topics that are already clear. Rel-17 for stage 3 freezes in March 2022 and I believe time for completing 5MBS stage 3 work is pretty short. We would be shooting our own feet, so to speak, if we postpone the WID approval till September 2021.

Please consider agreeing the WID at the end of this meeting cycle with whatever modifications are necessary and then revisiting the WID in our August meetings. Hope, this would work with you too.

Nokia to Ericsson:

On N29mb: The work split should be defined according to existing CT4 and CT3 ToRs. MB SMF services related to Nmb1, e.g. for TMGI allocation/deallocation, MBMS session start/update/release, that are consumed by MBSF (or NEF for N29mb, if applicable) should be in CT4 remit (with the exception of event exposure, see my next response).

MB-SMF event exposure can be specified by CT3, like SMF event exposure.

We handle this WID like any other WID, i.e we can add editor’s notes to reflect open points, and the WID can be refined in Q3 as appropriate according to the latest stage 2 development.

Same comment as Huawei otherwise, it is not clear which parts of the proposed WID you wish to amend.

I support Huawei’s response that we need to allow starting stage 3 work in Q3, as there is much CT3 and CT4 work for this WID, which assumes that we sort out the work split discussion and identify new TSs now, for all aspects that we can already conclude. Aspects that we cannot conclude can be deferred to Q3.

Ericsson: Comments provided in the file, also with the updates in the WID on i/f naming and adding missing ones which are all impact to CT3, mainly considering that May CR overriding April CR , should be presented for WID to Plenary.

And upon Wednesday SA2 conclusion approval result could be followed in CT WID effectively.

Huawei: R1 is made available with some of the comments. For others:

- “The following areas of work are expected to be covered but will be adjusted to the final conclusions of the SA2 normative requirements.” >> This part is not added because it is already captured via the ENs.

- I understand that keeping the work split is not OK for Ericsson. Do CT4 colleagues and the other companies in CT3 agree with this? Cf. Giorgi’s question below.

We think on our side that it has an added value.

- As previously indicated, I have added a NOTE in clause 5 to clarify that new TSs under CT3 remit will be identified during next meeting based on the progress of Stage 2.

Nokia: I am confused by the following comment:

- I understand that keeping the work split is not OK for Ericsson. Do CT4 colleagues and the other companies in CT3 agree with this? Cf. Giorgi’s question below.

as I don’t read this in Ericsson’s comments, nor does the annotated WID from Ericsson suggest to remove the proposed work split between CT3 and CT4. Did I miss anything?

The work split is of course essential to allow starting the work in Q3.

Huawei: I refer to this part “NRF remains a producer”.

Huawei: R3 is made available.

Summary of the changes:

• Justification clause 3. The text commented by Maria was removed and replaced by a straightforward statement proposed by Abdessamad.

• Objective clause 4:

o First two paragraphs modified as proposed by Maria. The only change is, I left “e.g. 3GPP TS 23.247”, because this is key stage 2 spec.

o Controversial part is removed altogether. CT3 and CT4 worksplit is basically clear with the current text in the Objective (4) and Expected Output (5) clauses.

o CT1 correction is added, based on the latest CT1 discussions.

o CT3 part is as proposed by Maria, subject to further CT3 discussions, if any.

Ericsson: My comments “TS 23.247 do not contains CT3/CT4 scope, we cannot describe the not existing stage 2 contents” address to remove below, since no such description in TS 23.247.

3GPP TS 23.247 v0.2.0 specifies the following producer – consumer relations:

- NRF remains a producer (http server) for all NFs (http clients). CT4 scope.

- MB-SMF is a producer (http server) for SMF, AMF, AF, NEF, MBSF (http clients). CT4 scope.

- NEF is a producer (http server) for AS (http client). CT3 scope.

- MBSF is a producer (http server) for AS (http client). CT3 scope.

- PCF is a producer (http server) for MB-SMF (http client). CT3 scope.

I’m keeping the following CT working split description, which is CT group scope, and further comments mostly in CT3 working part.

Hope no misunderstanding in between.

Would you send your updated revision, then we could further check and comments.

Huawei uploads C4-213370 in the Inbox. Few notes:

• The zip file contains a clean version and a revision marked version.

• I got the latest CT1 tdoc number, but still don’t have new CT3 tdoc number. I will revise the CT4 version once again when I’ll get CT3 one.

• Vodafone was added as a supporting company to CT1 version. So, I updated the list of supporting companies to Huawei, HiSilicon, one2many, Nokia, Nokia Shanghai Bell and, Vodafone.

**Decision:** The document was **revised to C3-213540**.

**C3-213540 New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services**

*Type: WID new For: Endorsement  
 Source: Huawei*

(Replaces C3-213307)

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

**C3-213190 Discussion on UAS WID update**

*Type: discussion For: Information  
 Source: Qualcomm Incorporated*

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

**C3-213192 Revised WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

*Type: WID revised For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces CP-210287)

**Decision:** The document was **revised to C3-213316**.

**C3-213316 Revised WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

*Type: WID revised For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces C3-213192)

**Decision:** The document was **revised to C3-213541**.

**C3-213541 Revised WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

*Type: WID revised For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces C3-213316)

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

**C3-213207 Revised WID on CT aspects on Dynamic management of group-based event monitoring**

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

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

**C3-213240 Enhancements of 3GPP Northbound Interfaces**

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

(Replaces C3-212362)

**Discussion:**

Revision of C3-212362

Qualcomm: It is not clarified what are the new “Technical enhancements of EDGE APIs” for TS 29.558, and why a different WID than EDGEAPP needs to cover it while we are in the midst of working on TS 29.558?

Huawei: The NBI17 WI also specify common protocol aspects applicable to all of the northbound APIs, e.g. description field should be added for object type data type, more status code referred from TS 29.122 (like 3XX redirection code) etc. That’s not considered by stage 2 requirement.

Since the EDGEAPP APIs are also northbound APIs, the APIs should also follow the same common design principle as other northbound APIs to avoid misalignment.

Ericsson: What’s the reason adding 24.558 of CT1 in NBI17 WI? it’s not the Northbound API interworking with external network.

Prefer to remove it.

Qualcomm to Huawei: Agree with the explanation.

Huawei: We consider that the CT1’s EDGEAPP APIs are also exposed to external entities, as the Edge network, they are also Northbound APIs, that’s why the TS 24.558 is included, to avoid misalignment of the common aspects definition, e.g. description field should be defined for object type data etc. Refer to Justification clause: … to enable external entities and third party Application Servers/Functions to access a set of exposed 3GPP network services and capabilities in a secure and controlled manner.

Qualcomm: I missed one point: for sake of completeness on the following point, we should add EDGEAPP also in 2.3 then.

Huawei: I will update the WID as you said.

Huawei: After discussion in CT1’s CC, CT1 also provide the similar comment that the CT1’s EDGE APIs are not NB APIs, I agree and proposed to change the title to be more generic, e.g. include Application Layer APIs, which is acceptable by CT1.

The WID is updated by changing the title to ‘Enhancements of 3GPP Northbound Interfaces and Application Layer APIs’, and update sections 1, 2.3, 3, 4 accordlingly, and remove ‘, if defined’ for the impacted TS 24.558 (comment received from CT1) and add more supporting companies.

R1 is made available.

Qualcomm: Based on my internal discussion, I have one more request: can you please rephrase 29.558 impact to “Technical enhancement of EDGEAPP APIs over EDGE-3/6/9”, we would have a similar comment from CT1 side that my colleague will also connect about (Technical enhancement of EDGEAPP APIs over EDGE-1/4).

Huawei makes r2 available. Compared with r1, the description for TS 24.558 and TS 29.558 is updated as we discussed during the CT3 CC, and more supporting company added.

Qualcomm is fine with r2.

Ericsson: Would you update the newly added paragraph

“3GPP also specify the Application Layer APIs (i.e. EDGEAPP APIs defined in 3GPP TS 24.558), in order to expose the EDGE network services and capabilities by the EES and ECS to the EEC in a secure and controlled manner.”

=>

3GPP also specify the Edge Application Layer APIs for the client in the UE to consume (i.e. EDGE APIs defined in 3GPP TS 24.558), in order to expose the EDGE network services and capabilities by the EES and ECS to the EEC in a secure and controlled manner.

Note: when Application layer API is mentioned, it implies the Application Layer API for consumer in the UE.

To cater for TS 24.558 exactly.

Huawei: I am fine to rewording the description, but my understanding is that other EDGEAPP APIs are also Application Layer APIs, right? Such NOTE seems the answer is not.

**Decision:** The document was **revised to C3-213357**.

**C3-213357 New WID on Rel-17 Enhancements of 3GPP Northbound Interfaces and Application Layer APIs**

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

(Replaces C3-213240)

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

**C3-213254 New WID on enhanced Service Enabler Architecture Layer for Verticals**

*Type: WID new For: Endorsement  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-213317**.

**C3-213317 New WID on enhanced Service Enabler Architecture Layer for Verticals**

*Type: WID new For: Endorsement  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-213254)

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

**C3-213262 Revised WID on CT aspects for enabling Edge Applications**

*Type: WID revised For: Approval  
 Source: Samsung Electronics Iberia SA*

(Replaces CP-203106)

**Decision:** The document was **revised to C3-213323**.

**C3-213323 Revised WID on CT aspects for enabling Edge Applications**

*Type: WID revised For: Approval  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-213262)

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

**C3-213274 CT aspects of Architecture enhancements for 3GPP support of advanced V2X services - Phase 2**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **revised to C3-213318**.

**C3-213318 CT aspects of Architecture enhancements for 3GPP support of advanced V2X services - Phase 2**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon /Christian*

(Replaces C3-213274)

**Decision:** The document was **revised to C3-213543**.

**C3-213543 CT aspects of Architecture enhancements for 3GPP support of advanced V2X services - Phase 2**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon /Christian*

(Replaces C3-213318)

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

**C3-213299 Revised WID on Enhancement of Network Slicing Phase 2**

*Type: WID revised For: Agreement  
 Source: ZTE, China Telecom*

(Replaces CP-210288)

**Decision:** The document was **revised to C3-213319**.

**C3-213319 Revised WID on Enhancement of Network Slicing Phase 2**

*Type: WID revised For: Endorsement  
 Source: ZTE, China Telecom*

(Replaces C3-213299)

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

**C3-213305 Revised WID on eEDGE\_5GC**

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

(Replaces C3-212519)

**Decision:** The document was **revised to C3-213322**.

**C3-213322 Revised WID on eEDGE\_5GC**

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

(Replaces C3-213305)

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

**C3-213311 Revised WID on Enhancement to the 5GC LoCation Services-Phase 2**

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

(Replaces CP-210075)

**Decision:** The document was **revised to C3-213320**.

**C3-213320 Revised WID on Enhancement to the 5GC LoCation Services-Phase 2**

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

(Replaces C3-213311)

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

#### 17.1.2 Contributions on Work Items

### 17.2 Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2]

**C3-213039 29.212 PCC Support for MPS for DTS**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1700 rev 2 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212379)

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

**C3-213041 29.512 PCC support for MPS for DTS**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0749 rev 2 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212380)

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

**C3-213042 29.214 AF Session Control for MPS for DTS**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1654 rev 2 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212381)

**Decision:** The document was **revised to C3-213332**.

**C3-213332 29.214 AF Session Control for MPS for DTS**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1654 rev 3 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-213042)

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

**C3-213043 29.514 AF Session for control of MPS for DTS**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0293 rev 2 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-212382)

**Decision:** The document was **revised to C3-213333**.

**C3-213333 29.514 AF Session for control of MPS for DTS**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0293 rev 3 Cat: B (Rel-17)  
  
 Source: Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA*

(Replaces C3-213043)

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

### 17.3 PFD Management Enhancement [pfdManEnh]

### 17.4 Service Based Interface Protocol Improvements Release 17 [SBIProtoc17]

**C3-213060 Additional missing description fields in OpenAPI specification files**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0775 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213061 Discussion paper on on respecting 3GPP Forge executing rules**

*Type: discussion For: Agreement  
 Source: Huawei*

**Discussion:**

C4-213357

Discuss it in both CT3 & CT4 reflectors.

Ericsson: we have the following comments to this contribution:

- In our view, the particularities of the GitLab tools should not be documented in a 3GPP TS, so we are not in favor in moving forward with this CR in its current form.

- What we could document in 29.501 are the specific guidelines or requirements that motivated each specific lint rule:

o Some (most) of them are already documented, such as the recommendation to have description fields in reusable schema components, or the requirement to have a "servers" section when applicable, etc. For those, we don’t need to add anything else.

o Some of them are obvious rules that simply relate to the correctness of the OpenAPI spec itself. For example, having a "required" item in an object definition, and not having a corresponding "properties" definition is simply an error that needs to be corrected, but we don't need to mention it explicitly in 29.501, either.

o Example of rules that could be documented are, for example, to not use TABs or non-break spaces, and we could add such consideration in clause 5.3.2; so we would support revising the CR in that direction.

There has been discussions about whether it would be appropriate to document formally the overall process for handling OpenAPI specs, including the details about the GitLab repository, branches, tags, and overall process, including the usage of the tools. Some people have suggested to create a 21-series TR for that. We (E///) would be supportive of that approach. But that's a separate discussion, not related in principle with this CR.

Ericsson: Regarding the version v1 that you uploaded, I still have some further comments:

- It is fine having the first 2 bullet points in section 5.3.2, since it deals with \_formatting\_; however, the other 3 points are not about formatting really, so they should not be put under this section. What I would suggest for the 2nd bullet is to clearly identify what is an "unbreakable space" and a "normal space"; we should refer to them by their UTF-8 standard names and code: 'NO-BREAK SPACE' (U+00A0) and 'SPACE' (U+0020). Let me remind that the reason for which we are adding this restriction is because it is actually legal in YAML to have these 2 chars (tabs and non-break spaces), it's only that they should be expressed and used correctly, and we (3GPP) never do that when we copy/paste text from MS Word.

Something else that would fit under this section, even when it's not part of your CR, could be a recommendation to not have trailing spaces in the YAML files. That's a recommendation from some YAML linters (yes, there are linters even for YAML itself !) so we (3GPP) might consider adopting that (as a should)

- The 3rd bullet could possibly belong to section 5.3.14 ("Attribute Presence Conditions"), but in the form of a NOTE. I would suggest to not mention that the required attribute should not contain an empty list, because that's illegal in OpenAPI / JSON Schema. At most, we could indicate in such NOTE that object schema definition should not have property names in the "required" for which a corresponding property definition does not exist; this point could make sense to be emphasized, because such schema definition is legal in OpenAPI / JSON Schema, and it just happens that in 99.99% of cases those schema definitions happen due to errors and are unintentional definitions.

- The 4th bullet, about $ref sibling properties, I'd suggest to remove it, since there is nothing 3GPP-specific here, and the restriction to ignore any property (other than $ref) in a reference object comes from the definition of the JSON Reference standard itself (draft-pbryan-zyp-json-ref-03)

- The 5th bullet, if we keep it, deserves its own 5.3.x clause. And we should not say that it needs to be unique, because that's already said in the OpenAPI spec. What we could say under this new section is whether having operationId properties is a "shall", a "should" or a "may", and why. This field has been added to our OpenAPI definitions since day one, when we did not really have much experience with OpenAPI. But, as of today, I'm not certain of how much value does it really add.

Regarding:

 Otherwise, can you please provide more details, if available, on this 21-series TR project?

There is nothing "available", really; it's only random ideas that people have put on the table with views to how to document formally everything related to 3GPP Forge/GitLab, but maybe this deserves a different thread. You could maybe check with CT Chair for further info.

Huawei: Comments considered. For 5th bullet, I think that this is a good practice, but I am open to other opinions. I have made a proposal in 3357\_v2. If agreeable to everybody, we can proceed with it. I am fine to remove it otherwise. R2 is made available.

Ericsson: Only a few minor comments:

- There is a typo in 5.3.2, last bullet -> Trainling

- On this same bullet, I'd suggest to clarify what are trailing spaces (e.g. to not read it as "white spaces at the end of the file"). We could say:

Trailing spaces (white spaces at the end of a line) should not be used in OpenAPI specification files

- I'd also suggest to change the title of the CR and the cover page (reason for change, summary of changes, etc..), to not refer to a lint tool, which is not mentioned anywhere else in the 3GPP TS's. We could put as title, for example, "Additional guidelines for OpenAPI specification files", and re-do the other fields in the cover sheet accordingly.

With those changes, E/// would be happy to co-sign the CR, if you are ok with it.

Huawei makes r3 available.

Ericsson is fine with r3.

Matrixx: I am wondering about the new ‘Operation identifiers’ just with a small description inside of the new chapter:

Service operations defined in an OpenAPI specification file should be assigned an Operation ID.

Is there a reference available for more details?

Huawei: An example is provided to illustrate this guideline, I do not see what we can do more. When you say “reference”, what do you mean by that?

Matrix: The illustration of the parameter with the example is very good but my comment was regarding the guidance on ‘Formatting of OpenAPI specification files’ given in clause 5.3.2 in which I would assume to see a reference to ‘Operation identifiers’ if ‘an OpenAPI specification file should be assigned an Operation ID’ or I am wrong?

Ericsson: The request to move the considerations about OperationIDs to a different clause (other than 5.3.2) came from us (Ericsson).

The reason is that 5.3.2 deals exclusively with formatting; i.e.: usage of YAML (and not JSON) for documenting OpenAPI specs, character encoding and character sets to be used, how to format it in MS Word documents, etc… More examples of text that could fit this clause would be if, eventually, 3GPP would decide to apply specific formatting (such as syntax coloring highlight) to OpenAPI text blocks, as it has been done in SA4 TS's, for example.

But, OperationID is a totally different aspect (it's a functional aspect). It's an attribute (unique string) assigned to a certain operation on a given resource; the usage and purpose is documented in the OpenAPI 3.0.x spec but, in brief, it's mainly related to hints for automatic code generators, and also to be used in relation to the "link" mechanism in OpenAPI. But it definitely has nothing to do with formatting.

Matrixx: Having the usage and purpose of OperationID was my original question where this attribute is documented which is now clarified:

the attribute is defined according to OpenAPI Specification.

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

**C3-213085 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0007 Cat: F (Rel-17)  
  
 Source: Ericsson, China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213364**.

**C3-213364 Redirect responses with "application/json" media type**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0007 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, China Mobile Com. Corporation*

(Replaces C3-213085)

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

**C3-213283 Optional header clarification**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0008 Cat: F (Rel-17)  
  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **revised to C3-213365**.

**C3-213365 Optional header clarification**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0008 rev 1 Cat: F (Rel-17)  
  
 Source: China Mobile Communications Group Co.,Ltd.*

(Replaces C3-213283)

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

### 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]

### 17.8 CT aspects on PAP/CHAP protocols usage in 5GS [PAP\_CHAP]

### 17.9 CT aspects for enabling Edge Applications [EDGEAPP]

**C3-213094 Pseudo-CR on Eees\_SessionWithQoS service description and API spec**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: NTT corporation*

**Decision:** The document was **revised to C3-213324**.

**C3-213324 Pseudo-CR on Eees\_SessionWithQoS service description and API spec**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: NTT corporation, Samsung, Huawei*

(Replaces C3-213094)

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

**C3-213264 Work plan for CT3 aspects of EDGEAPP**

*Type: Work Plan For: Information  
 Source: Samsung Electronics Iberia SA*

**Discussion:**

On track. WI will be finished by Dec-2021.

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

**C3-213265 Pseudo-CR on Eees\_AppClientInformation service description**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-213325**.

**C3-213325 Pseudo-CR on Eees\_AppClientInformation service description**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-213265)

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

**C3-213266 Pseudo-CR on Eees\_AppClientInformation API definition**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-213326**.

**C3-213326 Pseudo-CR on Eees\_AppClientInformation API definition**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-213266)

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

**C3-213268 Pseudo-CR on Miscellaneous alignments**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-213327**.

**C3-213327 Pseudo-CR on Miscellaneous alignments**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-213268)

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

**C3-213272 Pseudo-CR on Eees\_TargetEASDiscovery service definition**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-213547**.

**C3-213547 Pseudo-CR on Eees\_TargetEASDiscovery service definition**

*Type: pCR For: Approval  
 29.558 v0.3.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-213272)

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

**C3-213328 TS 29.558 v0.4.0**

*Type: draft TS For: Approval  
 29.558 v0.4.0  
 Source: Samsung Electronics Iberia SA*

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

### 17.10 Reliable Data Service Serialization Indication [RDSSI]

### 17.11 CT aspects on Dynamically Changing AM Policies in the 5GC [TEI17\_DCAMP]

**C3-213086 Removal of editor's notes on redirect responses**

*Type: pCR For: Approval  
 29.534 v0.1.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213358**.

**C3-213358 Removal of editor's notes on redirect responses**

*Type: pCR For: Approval  
 29.534 v0.1.0  
 Source: Ericsson*

(Replaces C3-213086)

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

**C3-213203 Support AM Influence service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0351 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213204 Support AM Policy Authorization service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0352 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213205 Resource, methods and data model for AM Policy Authorization service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0353 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213378**.

**C3-213378 Resource, methods and data model for AM Policy Authorization service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0353 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213205)

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

**C3-213206 API definition of AM PolicyAuthorization service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0354 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213380**.

**C3-213380 API definition of AM PolicyAuthorization service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0354 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213206)

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

**C3-213275 Work plan for TEI17\_DCAMP WI**

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

**Decision:** The document was **revised to C3-213321**.

**C3-213321 Work plan for TEI17\_DCAMP WI**

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

(Replaces C3-213275)

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

**C3-213276 AF influence of AM policies for multiple Applications**

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

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

**C3-213277 Support of subscription to application detection notification for a PDU session**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0295 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-212590)

**Decision:** The document was **revised to C3-213532**.

**C3-213532 Support of subscription to application detection notification for a PDU session**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0295 rev 4 Cat: B (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-213277)

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

**C3-213359 LS on AM Influence requests for multiple applications**

*Type: LS out For: Approval  
 to SA2  
 Source: Ericsson*

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

**C3-213379 Procedures for AM Policy Authorization service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0361 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213498 TS 29.534 v0.2.0**

*Type: draft TS For: Approval  
 29.534 v0.2.0  
 Source: Ericsson*

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

**C3-213552 LS on Nnef\_AMPolicyAuthorization input parameters**

*Type: LS out For: Approval  
 to SA2  
 Source: Ericsson*

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

### 17.12 N7 Interfaces Enhancements to Support GERAN and UTRAN [TEI17\_NIESGU]

**C3-213286 Support of event trigger for GERAN and UTRAN access over N7 interface**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0772 rev 3 Cat: B (Rel-17)  
  
 Source: China Mobile Com. Corporation*

(Replaces C3-212575)

**Decision:** The document was **revised to C3-213544**.

**C3-213544 Support of event trigger for GERAN and UTRAN access over N7 interface**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0772 rev 4 Cat: B (Rel-17)  
  
 Source: China Mobile Com. Corporation*

(Replaces C3-213286)

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

### 17.13 CT aspects on Dynamic Management of Group-based Event Monitoring [TEI17\_GEM]

**C3-213208 Update procedures to support HSS initiated GEM partial cancellation**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0438 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213329**.

**C3-213329 Update procedures to support HSS initiated GEM partial cancellation**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0438 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-213208)

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

**C3-213209 Updates to support notification of GEM partial cancellation**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0439 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213330**.

**C3-213330 Updates to support notification of GEM partial cancellation**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0439 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-213209)

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

### 17.14 CT aspects on Same PCF Selection for AMF and SMF [TEI17\_SPSFAS]

### 17.15 CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 [ATSSS\_Ph2]

**C3-213095 Support of Threshold Condition**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0776 Cat: B (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213454**.

**C3-213454 Support of Threshold Condition**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0776 rev 1 Cat: B (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213095)

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

**C3-213096 Support of Steering Mode Indicator**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0777 Cat: B (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213455**.

**C3-213455 Support of Steering Mode Indicator**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0777 rev 1 Cat: B (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213096)

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

### 17.16 CT aspects of support of enhanced Industrial IoT [IIoT]

**C3-213107 Normative stage 2 CRs and mapping to CT3 CRs before CT3#116e**

*Type: Work Plan For: Information  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213127 Support Time Sensitive Communication other than TSN**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0760 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-212454)

**Decision:** The document was **revised to C3-213334**.

**C3-213334 Support Time Sensitive Communication other than TSN**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0760 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213127)

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

**C3-213128 Support Time Sensitive Communication other than TSN**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0296 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-212455)

**Decision:** The document was **revised to C3-213335**.

**C3-213335 Support Time Sensitive Communication other than TSN**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0296 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213128)

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

**C3-213129 Support Time Sensitive Communication other than TSN**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0265 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213336**.

**C3-213336 Support Time Sensitive Communication other than TSN**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0265 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213129)

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

**C3-213130 Support survival time**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0761 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-212456)

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

**C3-213131 Support survival time**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0297 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-212457)

**Decision:** The document was **revised to C3-213337**.

**C3-213337 Support survival time**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0297 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-213131)

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

**C3-213132 Support Time Sensitive Communication**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0408 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-212371)

**Decision:** The document was **revised to C3-213340**.

**C3-213340 Support Time Sensitive Communication**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0408 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213132)

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

**C3-213135 Support time domain**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0313 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

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

**C3-213136 The procedure of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0327 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-212373)

**Decision:** The document was **revised to C3-213533**.

**C3-213533 The procedure of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0327 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213136)

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

**C3-213137 The resource and methods of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0328 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-212374)

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

**C3-213138 The OpenAPI file of time synchronization exposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0329 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212375)

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

**C3-213164 Support time domain**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0787 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

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

**C3-213165 Support time Sensitive Communication**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0326 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-212372)

**Decision:** The document was **revised to C3-213331**.

**C3-213331 Support time Sensitive Communication**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0326 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213165)

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

**C3-213288 Support of TSCAI time domain**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0791 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213338**.

**C3-213338 Support of TSCAI time domain**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0791 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson, Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213288)

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

**C3-213289 Support of TSCAI time domain**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0324 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213339**.

**C3-213339 Support of TSCAI time domain**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0324 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson, Huawei, Nokia, Nokia Shanghai Bell*

(Replaces C3-213289)

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

### 17.17 CT aspects of Enhanced support of Non-Public Networks [eNPN]

### 17.18 Enhancement of Network Slicing Phase 2 [eNS\_Ph2]

**C3-213053 New Network slice status reporting events for the MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0422 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213427**.

**C3-213427 New Network slice status reporting events for the MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0422 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213053)

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

**C3-213054 New Network slice status reporting events for the MonitoringEvent API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0342 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213428**.

**C3-213428 New Network slice status reporting events for the MonitoringEvent API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0342 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213054)

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

**C3-213097 Serving PLMN UE Slice-MBR control**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0171 Cat: B (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213456**.

**C3-213456 Serving PLMN UE Slice-MBR control**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0171 rev 1 Cat: B (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213097)

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

**C3-213457 LS on Clarifications to the operation of network slice status reporting**

*Type: LS out For: Approval  
 to SA2, cc CT4  
 Source: Huawei*

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

### 17.19 CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking [ID\_UAS]

**C3-213189 UAS NEF Northbound API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0349 Cat: B (Rel-17)  
  
 Source: Qualcomm Incorporated*

**Discussion:**

Samsung: I have the following clarifications on this CR.

1. Regarding custom operation for the UAS API, as NEF can have resource representing all the registered UAVs at the network and the custom operation can be defined on that resource.

2. In, 5.x.5.3.3, what does “authMsg” consist of? Is it the information about the authentication method to be used? Can you clarify.

Qualcomm:

1. Normally on the northbound where NEF is the service provider for the external AF, the resource would normally not be needed to save any information, hence I did not add a resource. I don’t have a strong opinion on this but would like to understand this better.

2. Authentication message in stage-2 is any binary data based on the authentication method used, so its contents are mostly open. I’ll see if I can clarify more in the CR.

Ericsson: Upon 23.256 specify ID\_UAS applicable both in 5GC and EPC, and existing impact TS describe TS 29.122 and 29.522 Possible update. Wonder why this CR is defined in 29.522?

And wonder how is the USS Service defined in stage 2 supporting reauth and revoke reauth ?

Qualcomm:

UAS interworking with EPC is outlined in Figure 4.2.2-3 of TS 23.256, which shows two aspects that answer the question:

1. There is no support of UAS in standalone EPC: the interworking support is realized with 5G-capable “combo nodes”.

2. The UAS-NF is a NEF functionality, according to agreed stage-2, SCEF does not support UAS-NF capabilities.

Hence the API goes to 29.522 and not 29.122. I am OK to remove this impact from the WID in a revision.

Reauthentication and revocation are not USS service, rather NEF service (i.e. NEF is the service provider). These are specified in cl 5.2.4 and 5.2.7 of TS 23.256, respectively.

Samsung: As general RESTful practise, it is better to associate the custom operation with a resource than a direct functional operation on the API, unless it is not possible. Since UAVs are registered at the 3GPP core network, the NEF can maintain a resource collection of registered UAVs.

Huawei: We also consider it’s also applicable for SCEF+NEF interworking scenario, hence, seems TS 29.122 is the most suitable place to define the API, similar as Nnef\_APISupportCapability service.

Since stage 2 still ongoing discuss the definition of the service, the CR should align with the conclusion of stage 2, i.e. S2-2104435.

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

**C3-213191 ID\_UAS CT4 Work plan**

*Type: Work Plan For: Information  
 Source: Qualcomm Incorporated*

**Discussion:**

CP-210287 (CT1 leading)

SA2 is progressing. Qualcomm may call for a conference at some time in June for the work split.

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

**C3-213233 Support of UAV controller IP address**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0788 Cat: B (Rel-17)  
  
 Source: Huawei*

**Discussion:**

This CR introduces a backward compatible feature in the OpenAPI file.

Qualcomm: I propose we note this for now till there are agreed changes in stage-2 to Npcf\_SMPolicy on this. Again, I think the CR is very useful and I would like that we make use of it as soon as we have corresponding agreements in stage-2.

Ericsson: I agree with the comments from Qualcomm.

Let’s wait for SA2 requirements before agreeing this CR, since it is not covered what the PCF would do with these additional addresses, considering the PDU session IP address is already available and it is not indicated why it cannot be reused.

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

### 17.20 CT Aspects of 5G eEDGE [eEDGE\_5GC]

**C3-213139 Add user plane lantecy requirement in PCC rule**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0763 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212384)

**Decision:** The document was **revised to C3-213343**.

**C3-213343 Add user plane lantecy requirement in PCC rule**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0763 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213139)

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

**C3-213140 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0428 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213344**.

**C3-213344 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0428 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213140)

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

**C3-213141 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0347 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213345**.

**C3-213345 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0347 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213141)

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

**C3-213142 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0782 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213346**.

**C3-213346 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0782 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213142)

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

**C3-213143 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0314 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213347**.

**C3-213347 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0314 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213143)

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

**C3-213144 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0266 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213348**.

**C3-213348 Support of Network Exposure to EAS via Local NEF**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0266 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213144)

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

**C3-213230 Support of User Plane Latency requirement**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0254 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212387)

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

**C3-213231 Support of EAS deployment information**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0357 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213349**.

**C3-213349 Support of EAS deployment information**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0357 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213231)

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

**C3-213232 Support of EAS deployment information**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0256 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-213242 CT3 Work Plan for eEDGE\_5GC**

*Type: Work Plan For: Discussion  
 Source: Huawei*

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

**C3-213249 Updates of PCC procedures related to AF influence on URSP**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0270 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

**Abstract:**

Updates of PCC procedures related to AF influence on URSP

**Decision:** The document was **revised to C3-213350**.

**C3-213350 Updates of PCC procedures related to AF influence on URSP**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0270 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon, Huawei*

(Replaces C3-213249)

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

**C3-213250 UDR application data update to support AF influence on URSP**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0257 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

**Abstract:**

UDR application data update to support AF influence on URSP

**Decision:** The document was **revised to C3-213351**.

**C3-213351 UDR application data update to support AF influence on URSP**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0257 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

(Replaces C3-213250)

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

**C3-213252 Support of UE policy updates for AF influence on URSP**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0158 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

**Abstract:**

Support of UE policy updates for AF influence on URSP

**Decision:** The document was **revised to C3-213352**.

**C3-213352 Support of UE policy updates for AF influence on URSP**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0158 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

(Replaces C3-213252)

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

**C3-213269 Updates of ServiceParameter Service to support AF influence on URSP**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0359 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

**Abstract:**

Updates of ServiceParameter Service to support AF influence on URSP

**Decision:** The document was **revised to C3-213353**.

**C3-213353 Updates of ServiceParameter Service to support AF influence on URSP**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0359 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Verizon*

(Replaces C3-213269)

**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]

**C3-213048 5G ProSe related updates to PCC procedures**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0258 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-212385)

**Decision:** The document was **revised to C3-213534**.

**C3-213534 5G ProSe related updates to PCC procedures**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0258 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-213048)

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

**C3-213049 5G ProSe related updates to Nudr**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0253 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-212563)

**Decision:** The document was **revised to C3-213553**.

**C3-213553 5G ProSe related updates to Nudr**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0253 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-213049)

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

**C3-213050 5G ProSe related updates to the Nnef\_ServiceParameter Service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0325 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-212378)

**Decision:** The document was **revised to C3-213554**.

**C3-213554 5G ProSe related updates to the Nnef\_ServiceParameter Service**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0325 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-213050)

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

**C3-213051 5G ProSe related updates to the Npcf\_UEPolicyControl Service**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0153 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-212386)

**Decision:** The document was **revised to C3-213555**.

**C3-213555 5G ProSe related updates to the Npcf\_UEPolicyControl Service**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0153 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, CATT*

(Replaces C3-213051)

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

**C3-213504 TS 29.mno v0.1.0**

*Type: other For: (not specified)  
 Source: CATT*

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

### 17.23 Enablers for Network Automation for 5G - phase 2 [eNA\_Ph2]

**C3-213037 Complete definition of the Nnwdaf\_MLModelProvision API**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0295 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-213366**.

**C3-213366 Complete definition of the Nnwdaf\_MLModelProvision API**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0295 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-213037)

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

**C3-213044 Work Plan of eNA\_Ph2**

*Type: Work Plan For: Information  
 Source: China Mobile Com. Corporation*

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

**C3-213045 Work Plan of eNA\_Ph2**

*Type: Work Plan For: Information  
 Source: China Mobile Com. Corporation*

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

**C3-213046 Work Plan of eNA\_Ph2**

*Type: Work Plan For: Information  
 Source: China Mobile Com. Corporation*

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

**C3-213133 Nsmf\_EventExposure supports RAT Type Change Event**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0136 Cat: B (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **revised to C3-213367**.

**C3-213367 Nsmf\_EventExposure supports RAT Type Change Event**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0136 rev 1 Cat: B (Rel-17)  
  
 Source: China Telecom*

(Replaces C3-213133)

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

**C3-213171 Service operations of Nnwdaf\_MLModelProvision service**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0299 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-213368**.

**C3-213368 Service operations of Nnwdaf\_MLModelProvision service**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0299 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

(Replaces C3-213171)

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

**C3-213172 Service description of Nnwdaf\_MLModelProvision service**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0300 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-213369**.

**C3-213369 Service description of Nnwdaf\_MLModelProvision service**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0300 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile, Ericsson*

(Replaces C3-213172)

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

**C3-213221 Extensions to User Data Congestion Analytics**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0301 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213370**.

**C3-213370 Extension to User Data Congestion Analytics with GPSI**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0301 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213221)

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

**C3-213222 Extensions to User Data Congestion Analytics**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0043 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213371**.

**C3-213371 Extensions to User Data Congestion Analytics**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0043 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213222)

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

**C3-213223 Extensions to User Data Congestion Analytics**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0049 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213372**.

**C3-213372 Extensions to User Data Congestion Analytics**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0049 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213223)

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

**C3-213234 Procedures for Analytics Exposure**

*Type: pCR For: Approval  
 29.552 v0.1.0  
 Source: Huawei*

**Decision:** The document was **revised to C3-213373**.

**C3-213373 Procedures for Analytics Exposure**

*Type: pCR For: Approval  
 29.552 v0.1.0  
 Source: Huawei, Ericsson*

(Replaces C3-213234)

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

**C3-213235 Skeleton of TS DCCF Services**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213236 Scope of TS DCCF Services**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213237 Introduction of DCCF Services**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213238 Service description for Ndccf\_DataManagement service**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213239 Service description for Ndccf\_ContextManagement service**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213255 Partitioning criteria for applying sampling in specific UE partitions in PCF exposure**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0047 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-212391)

**Abstract:**

Partitioning criteria for applying sampling in specific UE partitions in PCF exposure

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

**C3-213256 Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0294 rev 1 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-212357)

**Abstract:**

Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure

**Decision:** The document was **revised to C3-213374**.

**C3-213374 Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0294 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-213256)

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

**C3-213257 Adding time when analytics needed and revised time to analytics subscriptions**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0270 rev 3 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei, Ericsson*

(Replaces C3-212596)

**Abstract:**

Adding time when analytics needed and revised time to analytics subscriptions

**Decision:** The document was **revised to C3-213375**.

**C3-213375 Adding time when analytics needed and revised time to analytics subscriptions**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0270 rev 4 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Huawei, Ericsson*

(Replaces C3-213257)

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

**C3-213270 Correction of the description of the snssaia attribute**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0302 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Correction of the description of the snssaia attribute

**Decision:** The document was **revised to C3-213376**.

**C3-213376 Correction of the description of the snssaia attribute**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0302 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213270)

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

**C3-213271 Partitioning criteria for applying sampling in specific UE partitions in SMF exposure**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0131 rev 2 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces C3-212390)

**Abstract:**

Partitioning criteria for applying sampling in specific UE partitions in SMF exposure

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

**C3-213284 TS skeleton of TS for Analytics Data Repository Services**

*Type: other For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **revised to C3-213535**.

**C3-213535 TS skeleton of TS for Analytics Data Repository Services**

*Type: other For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

(Replaces C3-213284)

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

**C3-213285 TS skeleton of TS for Messaging Framework Adaptor Services**

*Type: other For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **revised to C3-213536**.

**C3-213536 TS skeleton of TS for Messaging Framework Adaptor Services**

*Type: other For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

(Replaces C3-213285)

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

**C3-213295 Pseudo-CR on Introduction of Services offered by the ADRF**

*Type: other For: (not specified)  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213537**.

**C3-213537 Pseudo-CR on Introduction of Services offered by the ADRF**

*Type: other For: (not specified)  
 Source: China Mobile Com. Corporation*

(Replaces C3-213295)

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

**C3-213296 Pseudo-CR on Introduction of Services offered by the ADRF**

*Type: other For: (not specified)  
 Source: China Mobile Com. Corporation*

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

**C3-213298 Pseudo-CR on Introduction of Services offered by the MFAF**

*Type: other For: (not specified)  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to C3-213377**.

**C3-213377 Pseudo-CR on Introduction of Services offered by the MFAF**

*Type: other For: (not specified)  
 Source: China Mobile Com. Corporation*

(Replaces C3-213298)

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

**C3-213499 TS 29.552 v0.2.0**

*Type: draft TS For: Approval  
 29.552 v0.2.0  
 Source: Huawei*

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

**C3-213500 TS 29.abc v0.1.0**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213501 TS 29.def v0.1.0**

*Type: other For: Approval  
 Source: China Mobile*

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

**C3-213502 TS 29.ghi v0.1.0**

*Type: other For: Approval  
 Source: China Mobile*

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

### 17.24 BEst Practice of PFCP [BEPoP]

**C3-213441 Adding support for providing L2TP information through N6 interface**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0111 rev 1 Cat: B (Rel-17)  
  
 Source: China Telecommunications, Ericsson*

(Replaces C3-213161)

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

**C3-213210 Update procedures to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0536 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212488)

**Decision:** The document was **revised to C3-213429**.

**C3-213429 Update procedures to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0536 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213210)

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

**C3-213211 Updates to support L2TP in RADIUS message flow**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0537 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212346)

**Decision:** The document was **revised to C3-213430**.

**C3-213430 Updates to support L2TP in RADIUS message flow**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0537 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213211)

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

**C3-213212 Updates to support L2TP in Diameter message flow**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0538 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212347)

**Decision:** The document was **revised to C3-213431**.

**C3-213431 Updates to support L2TP in Diameter message flow**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0538 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213212)

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

**C3-213213 Updates to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0107 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212348)

**Decision:** The document was **revised to C3-213310**.

**C3-213310 Updates to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0107 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213213)

**Decision:** The document was **revised to C3-213432**.

**C3-213432 Updates to support L2TP for CUPS**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0107 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213310)

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

**C3-213214 Updates to support L2TP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0108 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212349)

**Decision:** The document was **revised to C3-213433**.

**C3-213433 Updates to support L2TP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0108 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213214)

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

**C3-213215 Updates to support L2TP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0109 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212350)

**Decision:** The document was **revised to C3-213434**.

**C3-213434 Updates to support L2TP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0109 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213215)

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

### 17.25 CT aspects of 5GC architecture for satellite networks [5GSAT\_ARCH-CT]

**C3-213267 Satellite backhaul change event**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0322 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213341**.

**C3-213341 Satellite backhaul change event**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0322 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213267)

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

**C3-213273 Satellite backhaul change event**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0052 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213342**.

**C3-213342 Satellite backhaul change event**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0052 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213273)

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

### 17.26 CT aspects of Enhanced application layer support for V2X services [eV2XAPP]

**C3-213145 Support Local MBMS**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0022 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212450)

**Decision:** The document was **revised to C3-213505**.

**C3-213505 Support Local MBMS**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0022 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213145)

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

**C3-213146 Introduction of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0023 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212451)

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

**C3-213147 Procedure of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0024 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212452)

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

**C3-213148 Resources and methods of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0025 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212453)

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

**C3-213149 OpenAPI file of VAE\_HDMapDynamicInfo service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0026 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212564)

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

**C3-213193 CAPIF support**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0055 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213506**.

**C3-213506 CAPIF support**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0055 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213193)

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

### 17.27 CT aspects on support for Signed Attestation for Priority and Emergency Sessions [TEI17\_SAPES]

**C3-213092 Support for signed attestation for emergency and priority IMS sessions**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1029 Cat: B (Rel-17)  
  
 Source: Ericsson, AT&T*

**Decision:** The document was **revised to C3-213354**.

**C3-213354 Support for signed attestation for emergency and priority IMS sessions**

*Type: CR For: Agreement  
 29.165 v17.1.0 CR-1029 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson, AT&T*

(Replaces C3-213092)

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

### 17.28 Enhancements of 3GPP Northbound Interfaces [NBI17]

**C3-213062 Respecting 3GPP Forge executing rules**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0426 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213538**.

**C3-213538 Respecting 3GPP Forge executing rules**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0426 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213062)

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

**C3-213063 Correction of the clause subclause terminology**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0197 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213064 Corrections to the CAPIF\_API\_Invoker\_Management\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0198 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213065 Corrections to the CAPIF\_Auditing\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0199 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213381**.

**C3-213381 Corrections to the CAPIF\_Auditing\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0199 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213065)

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

**C3-213066 Corrections to the CAPIF\_Events\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0200 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213067 Corrections to the CAPIF\_Logging\_API\_Invocation\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0201 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213068 Corrections to the CAPIF\_Publish\_Service\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0202 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213069 Corrections to the CAPIF\_Security\_API Data Model clause**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0203 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213070 Miscellaneous corrections to the AEF\_Security\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0205 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213382**.

**C3-213382 Miscellaneous corrections to the AEF\_Security\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0205 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213070)

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

**C3-213071 Miscellaneous corrections to the CAPIF\_Discover\_Service\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0204 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213383**.

**C3-213383 Miscellaneous corrections to the CAPIF\_Discover\_Service\_API**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0204 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213071)

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

**C3-213072 Missing data type in the CAPIF\_API\_Provider\_Management\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0177 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212078)

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

**C3-213073 Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0178 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212429)

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

**C3-213074 Missing data types in the CAPIF\_Access\_Control\_Policy\_API Data Types tables**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0180 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-212081)

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

**C3-213118 Support of 204 No content response code for PFDs update(NBI17)**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0427 Cat: B (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213384**.

**C3-213384 Support of 204 No content response code for PFDs update(NBI17)**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0427 rev 1 Cat: B (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213118)

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

**C3-213119 Support of 204 No content response code for service API definition update(NBI17)**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0206 Cat: B (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213385**.

**C3-213385 Support of 204 No content response code for service API definition update(NBI17)**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0206 rev 1 Cat: B (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213119)

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

**C3-213134 Adding notificationDestination in NpConfigurationPatch data type**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0429 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

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

**C3-213150 Reception report for downlink message delivery**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0050 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-213151 Reception report for uplink message delivery**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0051 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-213152 Behaviour of the VAE server for VAE\_ApplicationRequirement Service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0052 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213435**.

**C3-213435 Behaviour of the VAE server for VAE\_ApplicationRequirement Service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0052 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213152)

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

**C3-213153 Behaviour of the VAE server for VAE\_DynamicGroup Service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0053 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213436**.

**C3-213436 Behaviour of the VAE server for VAE\_DynamicGroup Service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0053 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213153)

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

**C3-213154 Behaviour of the VAE server for VAE\_ServiceContinuity Service**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0054 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-213159 Supporting 204 No Content during configuration procedure on NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0430 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

**Decision:** The document was **revised to C3-213386**.

**C3-213386 Supporting 204 No Content during configuration procedure on NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0430 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei, Ericsson*

(Replaces C3-213159)

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

**C3-213177 204 No Content during modification procedure on MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0431 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213387**.

**C3-213387 204 No Content during modification procedure on MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0431 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-213177)

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

**C3-213178 204 No Content during modification procedure on AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0432 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213179 204 No Content during modification procedure on ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0433 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213180 204 No Content during modification procedure on SS\_GroupManagement API**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0022 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213437**.

**C3-213437 204 No Content during modification procedure on SS\_GroupManagement API**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0022 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213180)

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

**C3-213181 Support redirection for SEAL APIs**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0023 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213438**.

**C3-213438 Support redirection for SEAL APIs**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0023 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213181)

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

**C3-213182 Support redirection and mandatory error codes for CAPIF APIs**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0207 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213388**.

**C3-213388 Support redirection and mandatory error codes for CAPIF APIs**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0207 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213182)

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

**C3-213183 Update of notification destination for ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0434 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213389**.

**C3-213389 Update of notification destination for ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0434 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213183)

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

**C3-213184 Update of notification destination for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0435 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213185 Update of notification destination for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0436 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213186 Update of notification destination for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0348 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213216 Updates 204 No Content in NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0440 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213395**.

**C3-213395 Updates 204 No Content in NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0440 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213216)

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

**C3-213217 Updates 204 No Content in RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0441 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213394**.

**C3-213394 Updates 204 No Content in RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0441 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213217)

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

**C3-213218 Updates 204 No Content in MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0442 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-213219 Updates 204 No Content in NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0443 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-213220 Updates notification destination via PATCH operation in NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0444 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213399**.

**C3-213399 Updates notification destination via PATCH operation in NIDD API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0444 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213220)

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

**C3-213241 CT3 Work Plan for NBI17**

*Type: Work Plan For: Discussion  
 Source: Huawei*

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

**C3-213261 Correction of the cardinality of tempValidities**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0358 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213287 204 No Conent for resource modification in SS\_LocationReporting API**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0026 Cat: F (Rel-17)  
  
 Source: China Mobile Communications Group Co.,Ltd.*

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

### 17.29 Enhancement of 5G PCC related services in Rel-17 [en5GPccSerR17]

**C3-213052 Additional corrections to the PDU Session with offline charging only indication**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0774 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213360**.

**C3-213360 Additional corrections to the PDU Session with offline charging only indication**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0774 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213052)

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

**C3-213155 Handling of requests which collide with an existing SM Policy Association for interworking scenario**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0783 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213361**.

**C3-213361 Handling of requests which collide with an existing SM Policy Association for interworking scenario**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0783 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213155)

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

**C3-213156 Handling of requests which have timed out at the originating entity**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0784 Cat: B (Rel-17)  
  
 Source: Huawei*

**Discussion:**

Ericsson: As I’ve understood it, it is not needed:

- The functionality is fully specified in 29.500, 6.11.2, so it is not needed to define it again in every API.

- It is incorrect to apply a similar behavior combining the 3gpp-Sbi-Origination-Timestamp and the 3gpp-Sbi-Max-Resp-Time header. The sender-Timestamp and resp-Timestamp headers have request/response scope on an API call, while the 3gpp-Sbi-Origination-Timestamp spreads through more than one API, being set by the AMF, forwarded by the SMF and checked by the PCF.

Or did I misunderstand anything?

Correct WI code.

Huawei: In subclause 5.2.3.3.2.1 of TS 29.502, the 3gpp-Sbi-Origination-Timestamp can be used together with 3gpp-Sbi-Max-Rsp-Time. I have revised CR to reflect your concern and make some clarification. R1 is made available.

Ericsson: The situation for 29.502 is different, because it deals with the AMF – SMF interface.

There is no point in the PCF monitoring if an AMF to SMF request is to time-out. The SMF would detect it beforehand anyhow. The SMF should/may have taken into account the time out of the AMF request when it sets the time out of the SMF to PCF request…

Huawei: In current procedure, when the SMF receives the request from the AMF, the SMF shall contact with the PCF. After receiving the response from the PCF, the SMF shall respond to the AMF and include the policy with the response.

In this case, request doesn’t time out when the SMF receives the request from the AMF, but the request times out when the PCF receives the request. Then the PCF needs to detect and handling if the request times out.

Ericsson: AMF indicates the origination time stamp (ToAmf) and the timeout time stamp (ToutAmf). The SMF contacts PCF with the ToSmf > ToAmf and SMF timeout request timestamp ToutSmf < ToutAmf.

For the PCF is able to detect late arrival of PDU session requests the SMF also includes the ToAmf. The PCF only needs to detect if the SMF request times out. It does not need to detect if the AMF request timed out.

Similarly, the PCF does not have to detect if the AF request via NEF timed out or the BSF needs to detect if the SMF request to the PCF timeout in case of SamePcf feature.

Huawei: How does the SMF set the ToSmf and ToutSmf? I think it shall set them based on the ToAMF and ToutAMF. Our proposal is to forward the ToAMF and ToutAMF (i.e. the values set by the AMF). Similar procedure is also defined in 5.2.3.3.2.1 of 29.502 for the V-/I-SMF case.

The PCF doesn’t care the entity setting the origination time stamp and the timeout time stamp. The PCF just determines whether the request times out based on the values. Another thing is that 3gpp-Sbi-Origination-Timestamp is customer header defined 29.502. If we decide to introduce this header on N7, the related procedure shall be described in 29.512.

Huawei: We define end to end procedure to detect the request which have time out in 29.212. I can remove the handling related to 3gpp-Sbi-Sender-Timestamp header in the CR.

Ericsson: I don’t think the same solution as the one in 29.502 applies. See fragment of 23.502, 4.3.2.2.1-1 with reasoning why it cannot apply.

Huawei: I check it before and I agree it is not applicable to the PDU session establishment. But I originally thought it could be applicable to the PDU session modification. But now we first have to determine whether handling of requests which have timed out at the originating entity can be applicable to the PDU session modification. As the meeting will be ended soon, I will postpone this CR.

.

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

**C3-213157 Handling of requests which have timed out at the originating entity for interworking scenario**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0785 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213558**.

**C3-213558 Handling of requests which have timed out at the originating entity for interworking scenario**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0785 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213157)

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

**C3-213158 Application error**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0315 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-213362**.

**C3-213362 Application error**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0315 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213158)

**Decision:** The document was **revised to C3-213549**.

**C3-213549 Application error**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0315 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-213362)

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

**C3-213166 Termination cause for sporsored data connectivity**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0318 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-213282 Completion of Termination Causes**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0323 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213363**.

**C3-213363 Completion of Termination Causes**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0323 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-213282)

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

**C3-213546 LS on Clarifications on the offline charging only indication**

*Type: LS out For: Agreement  
 to SA2, SA5  
 Source: Huawei*

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

### 17.30 CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) [UASAPP]

**C3-213167 pCR on Skeleton for the new UASAPP TS**

*Type: other For: Approval  
 Source: Huawei*

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

**C3-213168 pCR on the scope clause of the new UAE Server Services TS**

*Type: other For: Approval  
 Source: Huawei*

**Decision:** The document was **revised to C3-213539**.

**C3-213539 pCR on the scope clause of the new UAE Server Services TS**

*Type: other For: Approval  
 Source: Huawei*

(Replaces C3-213168)

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

**C3-213503 TS 29.jkl v0.1.0**

*Type: other For: Discussion  
 Source: Huawei*

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

### 17.31 Technical Enhancements and Improvements [TEI17]

#### 17.31.1 TEI17 for IMS/CS

#### 17.31.2 TEI17 for Packet Core

**C3-213038 Policy Data Subscription enhancements.**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0255 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213040 Correction to OSD handling**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0252 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212568)

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

**C3-213098 Correction of tsnPortManContNwtts attribute**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0778 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213458**.

**C3-213458 Correction of tsnPortManContNwtts attribute**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0778 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213098)

**Decision:** The document was **revised to C3-213550**.

**C3-213550 Correction of tsnPortManContNwtts attribute**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0778 rev 2 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213458)

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

**C3-213099 analytics for a specific time**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0298 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213400**.

**C3-213400 analytics for a specific time**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0298 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213099)

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

**C3-213100 Removal of resource URI in Notification Acknowledgement procedure**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0135 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-213439**.

**C3-213439 Removal of resource URI in Notification Acknowledgement procedure**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0135 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-213100)

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

**C3-213160 Alignment of the DN authorizaiton data for the established PDU Session between the specificaitons of stage 2 and stage 3**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0110 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **revised to C3-213440**.

**C3-213440 Correction to Framed Route information**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0110 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

(Replaces C3-213160)

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

**C3-213161 Adding support for providing L2TP information through N6 interface**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0111 Cat: F (Rel-17)  
  
 Source: China Telecommunications*

**Decision:** The document was **revised to C3-213441**.

**C3-213194 Consistency for websocket in AnalyticsExposure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0350 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213355**.

**C3-213195 eCAPIF support**

*Type: CR For: Agreement  
 29.116 v16.6.0 CR-0052 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213196 eCAPIF support**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0437 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213197 eCAPIF support**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0355 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213198 Reporting UE local IP to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0539 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213445**.

**C3-213445 Reporting UE local IP to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0539 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213198)

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

**C3-213199 Reporting UE local IP to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0112 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213446**.

**C3-213446 Reporting UE local IP to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0112 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213199)

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

**C3-213200 Reporting UE local IP to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0113 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213447**.

**C3-213447 Reporting UE local IP to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0113 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213200)

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

**C3-213201 Reporting UPF ID to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0114 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213202 Reporting UPF ID to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.1.0 CR-0115 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-213224 Update DNN and S-NSSAI in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0347 rev 4 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212483)

**Decision:** The document was **revised to C3-213448**.

**C3-213448 Update DNN and S-NSSAI in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0347 rev 5 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213224)

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

**C3-213225 Update DNN and S-NSSAI in ChargeableParty procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0270 rev 4 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212484)

**Decision:** The document was **revised to C3-213449**.

**C3-213449 Update DNN and S-NSSAI in ChargeableParty procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0270 rev 5 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213225)

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

**C3-213226 Update DNN and S-NSSAI in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0348 rev 4 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212485)

**Decision:** The document was **revised to C3-213450**.

**C3-213450 Update DNN and S-NSSAI in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0348 rev 5 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213226)

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

**C3-213227 Non-selected BDT policy**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0356 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213451**.

**C3-213451 Non-selected BDT policy**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0356 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213227)

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

**C3-213228 Reporting UE local IP to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0540 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213452**.

**C3-213452 Reporting UE local IP to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0540 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213228)

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

**C3-213229 Update DNN and S-NSSAI in AsSessionWithQoS API procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0271 rev 4 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-212486)

**Decision:** The document was **revised to C3-213453**.

**C3-213453 Update DNN and S-NSSAI in AsSessionWithQoS API procedure**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0271 rev 5 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213229)

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

**C3-213562 Correction of missing interaction for updating UDR data based on usage report**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0269 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-213248)

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

**C3-213251 Remove duplicated text for 3GPP-User-Location-Info**

*Type: CR For: Agreement  
 29.061 v17.2.0 CR-0541 Cat: D (Rel-17)  
  
 Source: Ericsson*

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

**C3-213258 Usage of Session Management Policy Data per PLMN in LBO**

*Type: CR For: Agreement  
 29.513 v17.2.0 CR-0271 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Usage of Session Management Policy Data per PLMN in LBO

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

**C3-213259 Session Management Policy Data per PLMN for LBO**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0258 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Session Management Policy Data per PLMN for LBO

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

**C3-213559 Correction to Same PCF requests to BSF**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0790 rev 2 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213301)

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

**C3-213290 Failure handling for traffic steering**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1703 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213459**.

**C3-213459 Failure handling for traffic steering**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1703 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213290)

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

**C3-213291 Failure handling for traffic steering**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0792 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213460**.

**C3-213460 Failure handling for traffic steering**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0792 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213291)

**Decision:** The document was **revised to C3-213551**.

**C3-213551 Failure handling for traffic steering**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0792 rev 2 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213460)

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

**C3-213292 AF influence on traffic routing related events and errors report**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0325 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-213461**.

**C3-213461 AF influence on traffic routing related events and errors report**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0325 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-213292)

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

**C3-213293 Correction to subscription filters**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0053 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-213294 IMEI over Gx Gxx Sd reference points 29.212**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1704 Cat: B (Rel-17)  
  
 Source: Orange*

**Decision:** The document was **revised to C3-213529**.

**C3-213529 IMEI over Gx Gxx Sd reference points 29.212**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1704 rev 1 Cat: B (Rel-17)  
  
 Source: Orange*

(Replaces C3-213294)

**Decision:** The document was **revised to C3-213556**.

**C3-213556 IMEI over Gx Gxx Sd reference points 29.212**

*Type: CR For: Agreement  
 29.212 v16.4.0 CR-1704 rev 2 Cat: B (Rel-17)  
  
 Source: Orange*

(Replaces C3-213529)

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

**C3-213297 IMEI over Rx reference point**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1653 rev 1 Cat: B (Rel-17)  
  
 Source: Orange / Mariusz*

(Replaces C3-210162)

**Decision:** The document was **revised to C3-213530**.

**C3-213530 IMEI over Rx reference point**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1653 rev 2 Cat: B (Rel-17)  
  
 Source: Orange / Mariusz*

(Replaces C3-213297)

**Decision:** The document was **revised to C3-213557**.

**C3-213557 IMEI over Rx reference point**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1653 rev 3 Cat: B (Rel-17)  
  
 Source: Orange / Mariusz*

(Replaces C3-213530)

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

**C3-213563 Updating the UDR upon usage report receipt**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0798 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

### 17.32 OpenAPI version updates

**C3-213477 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.507 v17.2.0 CR-0173 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213478 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.508 v17.2.0 CR-0138 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213479 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.525 v17.2.0 CR-0160 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213480 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.594 v17.0.0 CR-0094 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**C3-213481 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.514 v17.0.0 CR-0327 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-213482 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.523 v17.2.0 CR-0055 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-213483 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.554 v17.0.0 CR-0070 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-213484 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.520 v17.2.0 CR-0305 Cat: F (Rel-17)  
  
 Source: China Mobile*

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

**C3-213485 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.521 v17.0.0 CR-0111 Cat: F (Rel-17)  
  
 Source: China Mobile*

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

**C3-213486 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.512 v17.2.0 CR-0797 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213487 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.517 v17.1.0 CR-0045 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213488 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.591 v17.1.0 CR-0051 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213489 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.551 v17.2.0 CR-0083 Cat: F (Rel-17)  
  
 Source: ZTE*

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

**C3-213490 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.522 v17.1.0 CR-0363 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213491 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.535 v17.0.0 CR-0009 Cat: F (Rel-17)  
  
 Source: China Mobile*

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

**C3-213492 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.122 v17.1.0 CR-0454 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213493 Update of TS version in externalDocs field**

*Type: CR For: Agreement  
 29.519 v17.2.0 CR-0259 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213494 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.486 v17.0.0 CR-0056 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-213495 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.222 v17.0.0 CR-0208 Cat: F (Rel-17)  
  
 Source: Samsung*

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

**C3-213496 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.549 v17.0.0 CR-0027 Cat: F (Rel-17)  
  
 Source: Samsung*

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

**C3-213497 OpenAPI version update of Nudr\_DataRepository API**

*Type: discussion For: Discussion  
 Source: Huawei*

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

### 17.33 Inclusive language in TSs & TRs

**C3-213017 Status of CT3 TSs for the handling of Inclusive language**

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

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

## 18 Work Organisation

### 18.1 Work Plan Review

**C3-213012 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

**Decision:** The document was **revised to C3-213531**.

**C3-213531 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

(Replaces C3-213012)

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

**C3-213014 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

**C3-213015 Meeting Calendar**

*Type: other For: Information  
 Source: MCC*

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

## 19 Joint Sessions

## 20 Summary of results

## 21 Any other business

**C3-213390 Void**

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

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

**C3-213442 Void**

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

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

**C3-213443 Void**

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

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

**C3-213444 Void**

*Type: other For: (not specified)  
 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 |
| C3-213000 | Draft Agenda for the CT3#116 e-Meeting | CT3 chairman | noted |  |  |
| C3-213001 | INFO Proposed Schedule for CT3#116e | CT3 chairman | noted |  |  |
| C3-213002 | Allocation of documents to agenda items (at Deadline) | CT3 chairman | noted |  |  |
| C3-213003 | Allocation of documents to agenda items (Start of Day 1) | CT3 chairman | noted |  |  |
| C3-213004 | Allocation of documents to agenda items (Start of Day 2) | CT3 chairman | noted |  |  |
| C3-213005 | Allocation of documents to agenda items (Start of Day 3) | CT3 chairman | noted |  |  |
| C3-213006 | Allocation of documents to agenda items (Start of Day 4) | CT3 chairman | noted |  |  |
| C3-213007 | Allocation of documents to agenda items (Start of Day 5) | CT3 chairman | noted |  |  |
| C3-213008 | Allocation of documents to agenda items (Start of Day 6) | CT3 chairman | noted |  |  |
| C3-213009 | Allocation of documents to agenda items (Start of Day 7) | CT3 chairman | noted |  |  |
| C3-213010 | Allocation of documents to agenda items (Start of Day 8) | CT3 chairman | noted |  |  |
| C3-213011 | Allocation of documents to agenda items (End of Day 8) | CT3 chairman | noted |  |  |
| C3-213012 | Status of CT3 Work Items | CT3 chairman | revised |  | C3-213531 |
| C3-213013 | Minutes of CT3#115e | MCC | revised |  | C3-213313 |
| C3-213014 | WI status report from MCC | MCC | noted |  |  |
| C3-213015 | Meeting Calendar | MCC | noted |  |  |
| C3-213016 | CT3#116e guidance | CT3 chairman | noted |  |  |
| C3-213017 | Status of CT3 TSs for the handling of Inclusive language | CT3 chairman | noted |  |  |
| C3-213018 | System enhancement for redundant PDU session | Nokia, Nokia Shanghai Bell | revised |  | C3-213314 |
| C3-213019 | CT aspects of support of enhanced Industrial IoT | Nokia, Nokia Shanghai Bell | revised |  | C3-213315 |
| C3-213020 | Discussion on nested cardinality | China Mobile | noted |  |  |
| C3-213021 | Nested cardinality | China Mobile | noted |  |  |
| C3-213022 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213401 |
| C3-213023 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213402 |
| C3-213024 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213403 |
| C3-213025 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213404 |
| C3-213026 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213405 |
| C3-213027 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213406 |
| C3-213028 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213407 |
| C3-213029 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | revised |  | C3-213408 |
| C3-213030 | Adding missing description for partial failure operation | KDDI, Huawei | agreed | C3-212600 |  |
| C3-213031 | Adding missing description for partial failure operation | KDDI, Huawei | agreed | C3-212601 |  |
| C3-213032 | Adding description for partial failure operation of AnalyticsExposure API | KDDI, Huawei | agreed |  |  |
| C3-213033 | Adding description for partial failure operation of AnalyticsExposure API | KDDI, Huawei | agreed |  |  |
| C3-213034 | Revised WID on CT aspects on Same PCF Selection For AMF and SMF | China Telecommunications | revised |  | C3-213545 |
| C3-213035 | LS Reply on NSI ID on N7 interface | SA2 | postponed |  |  |
| C3-213036 | LS Response on the input parameters of the LCS subscription request from an AF via NEF | SA2 | postponed |  |  |
| C3-213037 | Complete definition of the Nnwdaf\_MLModelProvision API | Huawei, China Mobile | revised |  | C3-213366 |
| C3-213038 | Policy Data Subscription enhancements. | Ericsson | postponed |  |  |
| C3-213039 | 29.212 PCC Support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-212379 |  |
| C3-213040 | Correction to OSD handling | Ericsson | agreed | C3-212568 |  |
| C3-213041 | 29.512 PCC support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-212380 |  |
| C3-213042 | 29.214 AF Session Control for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | revised | C3-212381 | C3-213332 |
| C3-213043 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | revised | C3-212382 | C3-213333 |
| C3-213044 | Work Plan of eNA\_Ph2 | China Mobile Com. Corporation | withdrawn |  |  |
| C3-213045 | Work Plan of eNA\_Ph2 | China Mobile Com. Corporation | withdrawn |  |  |
| C3-213046 | Work Plan of eNA\_Ph2 | China Mobile Com. Corporation | noted |  |  |
| C3-213047 | Deactivation Time for time conditioned session rule | Ericsson, ZTE | agreed |  |  |
| C3-213048 | 5G ProSe related updates to PCC procedures | Huawei, CATT | revised | C3-212385 | C3-213534 |
| C3-213049 | 5G ProSe related updates to Nudr | Huawei, CATT | revised | C3-212563 | C3-213553 |
| C3-213050 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei, CATT | revised | C3-212378 | C3-213554 |
| C3-213051 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei, CATT | revised | C3-212386 | C3-213555 |
| C3-213052 | Additional corrections to the PDU Session with offline charging only indication | Huawei | revised |  | C3-213360 |
| C3-213053 | New Network slice status reporting events for the MonitoringEvent API | Huawei | revised |  | C3-213427 |
| C3-213054 | New Network slice status reporting events for the MonitoringEvent API | Huawei | revised |  | C3-213428 |
| C3-213055 | Wrong attribute name in the OpenAPI file | Huawei | agreed |  |  |
| C3-213056 | Wrong attribute name in the OpenAPI file | Huawei | agreed |  |  |
| C3-213057 | Wrong event name | Huawei | not pursued |  |  |
| C3-213058 | Wrong event name | Huawei | not pursued |  |  |
| C3-213059 | Wrong event name | Huawei | not pursued |  |  |
| C3-213060 | Additional missing description fields in OpenAPI specification files | Huawei | agreed |  |  |
| C3-213061 | Discussion paper on on respecting 3GPP Forge executing rules | Huawei | noted |  |  |
| C3-213062 | Respecting 3GPP Forge executing rules | Huawei | revised |  | C3-213538 |
| C3-213063 | Correction of the clause subclause terminology | Huawei | agreed |  |  |
| C3-213064 | Corrections to the CAPIF\_API\_Invoker\_Management\_API Data Model clause | Huawei | agreed |  |  |
| C3-213065 | Corrections to the CAPIF\_Auditing\_API Data Model clause | Huawei | revised |  | C3-213381 |
| C3-213066 | Corrections to the CAPIF\_Events\_API Data Model clause | Huawei | agreed |  |  |
| C3-213067 | Corrections to the CAPIF\_Logging\_API\_Invocation\_API Data Model clause | Huawei | agreed |  |  |
| C3-213068 | Corrections to the CAPIF\_Publish\_Service\_API Data Model clause | Huawei | agreed |  |  |
| C3-213069 | Corrections to the CAPIF\_Security\_API Data Model clause | Huawei | agreed |  |  |
| C3-213070 | Miscellaneous corrections to the AEF\_Security\_API | Huawei | revised |  | C3-213382 |
| C3-213071 | Miscellaneous corrections to the CAPIF\_Discover\_Service\_API | Huawei | revised |  | C3-213383 |
| C3-213072 | Missing data type in the CAPIF\_API\_Provider\_Management\_API Data Types tables | Huawei | agreed | C3-212078 |  |
| C3-213073 | Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables | Huawei | agreed | C3-212429 |  |
| C3-213074 | Missing data types in the CAPIF\_Access\_Control\_Policy\_API Data Types tables | Huawei | agreed | C3-212081 |  |
| C3-213075 | Redirect responses with "application/json" media type | Ericsson | revised |  | C3-213409 |
| C3-213076 | Redirect responses with "application/json" media type | Ericsson | revised |  | C3-213410 |
| C3-213077 | Redirect responses with "application/json" media type | Ericsson | revised |  | C3-213411 |
| C3-213078 | Redirect responses with "application/json" media type | Ericsson | revised |  | C3-213412 |
| C3-213079 | Redirect responses with "application/json" media type | Ericsson | revised |  | C3-213413 |
| C3-213080 | Redirect responses with "application/json" media type | Ericsson | revised |  | C3-213414 |
| C3-213081 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | revised |  | C3-213415 |
| C3-213082 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | revised |  | C3-213416 |
| C3-213083 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | revised |  | C3-213417 |
| C3-213084 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | revised |  | C3-213418 |
| C3-213085 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | revised |  | C3-213364 |
| C3-213086 | Removal of editor's notes on redirect responses | Ericsson | revised |  | C3-213358 |
| C3-213087 | Data type in 200 OK response to PATCH | Ericsson | agreed |  |  |
| C3-213088 | Data type in 200 OK response to PATCH | Ericsson | agreed |  |  |
| C3-213089 | Correction on Calling number verification using signature verification and attestation information | Ericsson | agreed |  |  |
| C3-213090 | Correction on Calling number verification using signature verification and attestation information | Ericsson | agreed |  |  |
| C3-213091 | Correction on Calling number verification using signature verification and attestation information | Ericsson | agreed |  |  |
| C3-213092 | Support for signed attestation for emergency and priority IMS sessions | Ericsson, AT&T | revised |  | C3-213354 |
| C3-213093 | CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) | Huawei | endorsed | C3-212364 |  |
| C3-213094 | Pseudo-CR on Eees\_SessionWithQoS service description and API spec | NTT corporation | revised |  | C3-213324 |
| C3-213095 | Support of Threshold Condition | ZTE | revised |  | C3-213454 |
| C3-213096 | Support of Steering Mode Indicator | ZTE | revised |  | C3-213455 |
| C3-213097 | Serving PLMN UE Slice-MBR control | ZTE | revised |  | C3-213456 |
| C3-213098 | Correction of tsnPortManContNwtts attribute | ZTE | revised |  | C3-213458 |
| C3-213099 | analytics for a specific time | ZTE | revised |  | C3-213400 |
| C3-213100 | Removal of resource URI in Notification Acknowledgement procedure | ZTE | revised |  | C3-213439 |
| C3-213101 | Correction on wrong referenced attributes | ZTE | revised |  | C3-213513 |
| C3-213102 | Correction on wrong referenced attributes | ZTE | revised |  | C3-213514 |
| C3-213103 | Presence condition of eventsRepInfo attribute | ZTE | revised |  | C3-213525 |
| C3-213104 | Presence condition of eventsRepInfo attribute | ZTE | revised |  | C3-213526 |
| C3-213105 | Correcting the unit of periodicity | ZTE | revised |  | C3-213515 |
| C3-213106 | Correcting the unit of periodicity | ZTE | revised |  | C3-213516 |
| C3-213107 | Normative stage 2 CRs and mapping to CT3 CRs before CT3#116e | Nokia, Nokia Shanghai Bell | noted |  |  |
| C3-213108 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | revised |  | C3-213517 |
| C3-213109 | Alignment of procedure name | ZTE | merged |  |  |
| C3-213110 | Alignment of procedure name | ZTE | merged |  |  |
| C3-213111 | Correction of request URI in 4.2.2.2 | ZTE | revised |  | C3-213507 |
| C3-213112 | Correction of request URI in 4.2.2.2 | ZTE | revised |  | C3-213508 |
| C3-213113 | Correction of request URI in 4.2.2.2 | ZTE | revised |  | C3-213509 |
| C3-213114 | Correction on 404 Not Found | ZTE | revised | C3-212240 | C3-213522 |
| C3-213115 | Correction on 404 Not Found | ZTE | revised | C3-212241 | C3-213523 |
| C3-213116 | Correction on 404 Not Found | ZTE | revised | C3-212242 | C3-213524 |
| C3-213117 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | revised |  | C3-213518 |
| C3-213118 | Support of 204 No content response code for PFDs update(NBI17) | ZTE | revised |  | C3-213384 |
| C3-213119 | Support of 204 No content response code for service API definition update(NBI17) | ZTE | revised |  | C3-213385 |
| C3-213120 | Correct the error code MISS\_FLOW\_INFO | Huawei | not pursued | C3-212543 |  |
| C3-213121 | Correct the error code MISS\_FLOW\_INFO | Huawei | agreed | C3-212544 |  |
| C3-213122 | Correct the error code MISS\_FLOW\_INFO | Huawei | agreed | C3-212545 |  |
| C3-213123 | Redirect Responses | Huawei | revised |  | C3-213419 |
| C3-213124 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | revised |  | C3-213527 |
| C3-213125 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | revised |  | C3-213528 |
| C3-213126 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | agreed | C3-212579 |  |
| C3-213127 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | revised | C3-212454 | C3-213334 |
| C3-213128 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | revised | C3-212455 | C3-213335 |
| C3-213129 | Support Time Sensitive Communication other than TSN | Huawei | revised |  | C3-213336 |
| C3-213130 | Support survival time | Huawei, Nokia, Nokia Shanghai Bell, Ericsson | agreed | C3-212456 |  |
| C3-213131 | Support survival time | Huawei, Nokia, Nokia Shanghai Bell, Ericsson | revised | C3-212457 | C3-213337 |
| C3-213132 | Support Time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | revised | C3-212371 | C3-213340 |
| C3-213133 | Nsmf\_EventExposure supports RAT Type Change Event | China Telecom | revised |  | C3-213367 |
| C3-213134 | Adding notificationDestination in NpConfigurationPatch data type | China Telecom, Huawei | agreed |  |  |
| C3-213135 | Support time domain | Huawei, Nokia, Nokia Shanghai Bell | merged |  |  |
| C3-213136 | The procedure of time synchronization exposure | Huawei, Nokia, Nokia Shanghai Bell | revised | C3-212373 | C3-213533 |
| C3-213137 | The resource and methods of time synchronization exposure | Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-212374 |  |
| C3-213138 | The OpenAPI file of time synchronization exposure | Huawei | agreed | C3-212375 |  |
| C3-213139 | Add user plane lantecy requirement in PCC rule | Huawei | revised | C3-212384 | C3-213343 |
| C3-213140 | Support of Network Exposure to EAS via Local NEF | Huawei | revised |  | C3-213344 |
| C3-213141 | Support of Network Exposure to EAS via Local NEF | Huawei | revised |  | C3-213345 |
| C3-213142 | Support of Network Exposure to EAS via Local NEF | Huawei | revised |  | C3-213346 |
| C3-213143 | Support of Network Exposure to EAS via Local NEF | Huawei | revised |  | C3-213347 |
| C3-213144 | Support of Network Exposure to EAS via Local NEF | Huawei | revised |  | C3-213348 |
| C3-213145 | Support Local MBMS | Huawei | revised | C3-212450 | C3-213505 |
| C3-213146 | Introduction of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212451 |  |
| C3-213147 | Procedure of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212452 |  |
| C3-213148 | Resources and methods of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212453 |  |
| C3-213149 | OpenAPI file of VAE\_HDMapDynamicInfo service | Huawei | agreed | C3-212564 |  |
| C3-213150 | Reception report for downlink message delivery | Huawei | agreed |  |  |
| C3-213151 | Reception report for uplink message delivery | Huawei | agreed |  |  |
| C3-213152 | Behaviour of the VAE server for VAE\_ApplicationRequirement Service | Huawei | revised |  | C3-213435 |
| C3-213153 | Behaviour of the VAE server for VAE\_DynamicGroup Service | Huawei | revised |  | C3-213436 |
| C3-213154 | Behaviour of the VAE server for VAE\_ServiceContinuity Service | Huawei | agreed |  |  |
| C3-213155 | Handling of requests which collide with an existing SM Policy Association for interworking scenario | Huawei | revised |  | C3-213361 |
| C3-213156 | Handling of requests which have timed out at the originating entity | Huawei | postponed |  |  |
| C3-213157 | Handling of requests which have timed out at the originating entity for interworking scenario | Huawei | revised |  | C3-213558 |
| C3-213158 | Application error | Huawei | revised |  | C3-213362 |
| C3-213159 | Supporting 204 No Content during configuration procedure on NpConfiguration API | China Telecom, Huawei | revised |  | C3-213386 |
| C3-213160 | Alignment of the DN authorizaiton data for the established PDU Session between the specificaitons of stage 2 and stage 3 | China Telecommunications | revised |  | C3-213440 |
| C3-213161 | Adding support for providing L2TP information through N6 interface | China Telecommunications | revised |  | C3-213441 |
| C3-213162 | Redirect Responses | Huawei | revised |  | C3-213420 |
| C3-213163 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | agreed | C3-212578 |  |
| C3-213164 | Support time domain | Huawei, Nokia, Nokia Shanghai Bell | merged |  |  |
| C3-213165 | Support time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | revised | C3-212372 | C3-213331 |
| C3-213166 | Termination cause for sporsored data connectivity | Huawei | merged |  |  |
| C3-213167 | pCR on Skeleton for the new UASAPP TS | Huawei | agreed |  |  |
| C3-213168 | pCR on the scope clause of the new UAE Server Services TS | Huawei | revised |  | C3-213539 |
| C3-213169 | Discussion paper on 5MBS work split | Huawei | revised |  | C3-213306 |
| C3-213170 | New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services | Huawei | revised |  | C3-213307 |
| C3-213171 | Service operations of Nnwdaf\_MLModelProvision service | Huawei, China Mobile | revised |  | C3-213368 |
| C3-213172 | Service description of Nnwdaf\_MLModelProvision service | Huawei, China Mobile | revised |  | C3-213369 |
| C3-213173 | Redirection responses | Huawei | revised |  | C3-213421 |
| C3-213174 | Redirection responses | Huawei | revised |  | C3-213422 |
| C3-213175 | Redirection responses | Huawei | revised |  | C3-213423 |
| C3-213176 | Redirection responses | Huawei | revised |  | C3-213424 |
| C3-213177 | 204 No Content during modification procedure on MonitoringEvent API | Huawei | revised |  | C3-213387 |
| C3-213178 | 204 No Content during modification procedure on AsSessionWithQoS API | Huawei | agreed |  |  |
| C3-213179 | 204 No Content during modification procedure on ChargeableParty API | Huawei | agreed |  |  |
| C3-213180 | 204 No Content during modification procedure on SS\_GroupManagement API | Huawei | revised |  | C3-213437 |
| C3-213181 | Support redirection for SEAL APIs | Huawei | revised |  | C3-213438 |
| C3-213182 | Support redirection and mandatory error codes for CAPIF APIs | Huawei | revised |  | C3-213388 |
| C3-213183 | Update of notification destination for ResourceManagementOfBdt API | Huawei | revised |  | C3-213389 |
| C3-213184 | Update of notification destination for ChargeableParty API | Huawei | agreed |  |  |
| C3-213185 | Update of notification destination for AsSessionWithQoS API | Huawei | agreed |  |  |
| C3-213186 | Update of notification destination for TrafficInfluence API | Huawei | agreed |  |  |
| C3-213187 | Notification URI | Huawei | agreed |  |  |
| C3-213188 | Notification URI | Huawei | agreed |  |  |
| C3-213189 | UAS NEF Northbound API | Qualcomm Incorporated | postponed |  |  |
| C3-213190 | Discussion on UAS WID update | Qualcomm Incorporated | noted |  |  |
| C3-213191 | ID\_UAS CT4 Work plan | Qualcomm Incorporated | noted |  |  |
| C3-213192 | Revised WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | Qualcomm Incorporated | revised | CP-210287 | C3-213316 |
| C3-213193 | CAPIF support | Ericsson | revised |  | C3-213506 |
| C3-213194 | Consistency for websocket in AnalyticsExposure | Ericsson | revised |  | C3-213355 |
| C3-213195 | eCAPIF support | Ericsson | agreed |  |  |
| C3-213196 | eCAPIF support | Ericsson | agreed |  |  |
| C3-213197 | eCAPIF support | Ericsson | agreed |  |  |
| C3-213198 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | revised |  | C3-213445 |
| C3-213199 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | revised |  | C3-213446 |
| C3-213200 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | revised |  | C3-213447 |
| C3-213201 | Reporting UPF ID to RADIUS DN-AAA server | Ericsson | postponed |  |  |
| C3-213202 | Reporting UPF ID to Diameter DN-AAA server | Ericsson | postponed |  |  |
| C3-213203 | Support AM Influence service | Ericsson | agreed |  |  |
| C3-213204 | Support AM Policy Authorization service | Ericsson | agreed |  |  |
| C3-213205 | Resource, methods and data model for AM Policy Authorization service | Ericsson | revised |  | C3-213378 |
| C3-213206 | API definition of AM PolicyAuthorization service | Ericsson | revised |  | C3-213380 |
| C3-213207 | Revised WID on CT aspects on Dynamic management of group-based event monitoring | Ericsson | agreed |  |  |
| C3-213208 | Update procedures to support HSS initiated GEM partial cancellation | Ericsson | revised |  | C3-213329 |
| C3-213209 | Updates to support notification of GEM partial cancellation | Ericsson | revised |  | C3-213330 |
| C3-213210 | Update procedures to support L2TP for CUPS | Ericsson | revised | C3-212488 | C3-213429 |
| C3-213211 | Updates to support L2TP in RADIUS message flow | Ericsson | revised | C3-212346 | C3-213430 |
| C3-213212 | Updates to support L2TP in Diameter message flow | Ericsson | revised | C3-212347 | C3-213431 |
| C3-213213 | Updates to support L2TP for CUPS | Ericsson | revised | C3-212348 | C3-213310 |
| C3-213214 | Updates to support L2TP in RADIUS message flow | Ericsson | revised | C3-212349 | C3-213433 |
| C3-213215 | Updates to support L2TP in Diameter message flow | Ericsson | revised | C3-212350 | C3-213434 |
| C3-213216 | Updates 204 No Content in NIDD API | Ericsson | revised |  | C3-213395 |
| C3-213217 | Updates 204 No Content in RacsParameterProvisioning API | Ericsson | revised |  | C3-213394 |
| C3-213218 | Updates 204 No Content in MonitoringEvent API | Ericsson | merged |  |  |
| C3-213219 | Updates 204 No Content in NpConfiguration API | Ericsson | merged |  |  |
| C3-213220 | Updates notification destination via PATCH operation in NIDD API | Ericsson | revised |  | C3-213399 |
| C3-213221 | Extensions to User Data Congestion Analytics | Ericsson | revised |  | C3-213370 |
| C3-213222 | Extensions to User Data Congestion Analytics | Ericsson | revised |  | C3-213371 |
| C3-213223 | Extensions to User Data Congestion Analytics | Ericsson | revised |  | C3-213372 |
| C3-213224 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | revised | C3-212483 | C3-213448 |
| C3-213225 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | revised | C3-212484 | C3-213449 |
| C3-213226 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | revised | C3-212485 | C3-213450 |
| C3-213227 | Non-selected BDT policy | Ericsson | revised |  | C3-213451 |
| C3-213228 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | revised |  | C3-213452 |
| C3-213229 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | revised | C3-212486 | C3-213453 |
| C3-213230 | Support of User Plane Latency requirement | Huawei | agreed | C3-212387 |  |
| C3-213231 | Support of EAS deployment information | Huawei | revised |  | C3-213349 |
| C3-213232 | Support of EAS deployment information | Huawei | postponed |  |  |
| C3-213233 | Support of UAV controller IP address | Huawei | postponed |  |  |
| C3-213234 | Procedures for Analytics Exposure | Huawei | revised |  | C3-213373 |
| C3-213235 | Skeleton of TS DCCF Services | Huawei | agreed |  |  |
| C3-213236 | Scope of TS DCCF Services | Huawei | agreed |  |  |
| C3-213237 | Introduction of DCCF Services | Huawei | agreed |  |  |
| C3-213238 | Service description for Ndccf\_DataManagement service | Huawei | agreed |  |  |
| C3-213239 | Service description for Ndccf\_ContextManagement service | Huawei | agreed |  |  |
| C3-213240 | Enhancements of 3GPP Northbound Interfaces | Huawei | revised | C3-212362 | C3-213357 |
| C3-213241 | CT3 Work Plan for NBI17 | Huawei | noted |  |  |
| C3-213242 | CT3 Work Plan for eEDGE\_5GC | Huawei | noted |  |  |
| C3-213243 | Format of location information | Huawei | revised |  | C3-213510 |
| C3-213244 | Format of location information | Huawei | revised |  | C3-213511 |
| C3-213245 | Format of location information | Huawei | revised |  | C3-213512 |
| C3-213246 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| C3-213247 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| C3-213248 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | revised |  | C3-213562 |
| C3-213249 | Updates of PCC procedures related to AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | revised |  | C3-213350 |
| C3-213250 | UDR application data update to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | revised |  | C3-213351 |
| C3-213251 | Remove duplicated text for 3GPP-User-Location-Info | Ericsson | agreed |  |  |
| C3-213252 | Support of UE policy updates for AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | revised |  | C3-213352 |
| C3-213253 | Attribute and data type corrections | Ericsson | agreed |  |  |
| C3-213254 | New WID on enhanced Service Enabler Architecture Layer for Verticals | Samsung Electronics Iberia SA | revised |  | C3-213317 |
| C3-213255 | Partitioning criteria for applying sampling in specific UE partitions in PCF exposure | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C3-212391 |  |
| C3-213256 | Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure | Nokia, Nokia Shanghai Bell, Ericsson | revised | C3-212357 | C3-213374 |
| C3-213257 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei, Ericsson | revised | C3-212596 | C3-213375 |
| C3-213258 | Usage of Session Management Policy Data per PLMN in LBO | Nokia, Nokia Shanghai Bell | postponed |  |  |
| C3-213259 | Session Management Policy Data per PLMN for LBO | Nokia, Nokia Shanghai Bell | postponed |  |  |
| C3-213260 | Attribute and data type corrections | Ericsson | agreed |  |  |
| C3-213261 | Correction of the cardinality of tempValidities | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213262 | Revised WID on CT aspects for enabling Edge Applications | Samsung Electronics Iberia SA | revised | CP-203106 | C3-213323 |
| C3-213263 | Attribute and data type corrections | Ericsson | agreed |  |  |
| C3-213264 | Work plan for CT3 aspects of EDGEAPP | Samsung Electronics Iberia SA | noted |  |  |
| C3-213265 | Pseudo-CR on Eees\_AppClientInformation service description | Samsung Electronics Iberia SA | revised |  | C3-213325 |
| C3-213266 | Pseudo-CR on Eees\_AppClientInformation API definition | Samsung Electronics Iberia SA | revised |  | C3-213326 |
| C3-213267 | Satellite backhaul change event | Ericsson | revised |  | C3-213341 |
| C3-213268 | Pseudo-CR on Miscellaneous alignments | Samsung Electronics Iberia SA | revised |  | C3-213327 |
| C3-213269 | Updates of ServiceParameter Service to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | revised |  | C3-213353 |
| C3-213270 | Correction of the description of the snssaia attribute | Nokia, Nokia Shanghai Bell | revised |  | C3-213376 |
| C3-213271 | Partitioning criteria for applying sampling in specific UE partitions in SMF exposure | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C3-212390 |  |
| C3-213272 | Pseudo-CR on Eees\_TargetEASDiscovery service definition | Samsung Electronics Iberia SA | revised |  | C3-213547 |
| C3-213273 | Satellite backhaul change event | Ericsson | revised |  | C3-213342 |
| C3-213274 | CT aspects of Architecture enhancements for 3GPP support of advanced V2X services - Phase 2 | Huawei, HiSilicon /Christian | revised |  | C3-213318 |
| C3-213275 | Work plan for TEI17\_DCAMP WI | Ericsson | revised |  | C3-213321 |
| C3-213276 | AF influence of AM policies for multiple Applications | Ericsson | noted |  |  |
| C3-213277 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | revised | C3-212590 | C3-213532 |
| C3-213278 | Correction to Same PCF requests to BSF | Ericsson | revised |  | C3-213300 |
| C3-213279 | Correction to Same PCF requests to BSF | Ericsson | revised |  | C3-213301 |
| C3-213280 | Correction to ExtendedSamePcf feature | Ericsson | revised |  | C3-213560 |
| C3-213281 | Correction to ExtendedSamePcf feature | Ericsson | revised |  | C3-213561 |
| C3-213282 | Completion of Termination Causes | Ericsson | revised |  | C3-213363 |
| C3-213283 | Optional header clarification | China Mobile Communications Group Co.,Ltd. | revised |  | C3-213365 |
| C3-213284 | TS skeleton of TS for Analytics Data Repository Services | China Mobile Communications Group Co.,Ltd. | revised |  | C3-213535 |
| C3-213285 | TS skeleton of TS for Messaging Framework Adaptor Services | China Mobile Communications Group Co.,Ltd. | revised |  | C3-213536 |
| C3-213286 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | revised | C3-212575 | C3-213544 |
| C3-213287 | 204 No Conent for resource modification in SS\_LocationReporting API | China Mobile Communications Group Co.,Ltd. | agreed |  |  |
| C3-213288 | Support of TSCAI time domain | Ericsson | revised |  | C3-213338 |
| C3-213289 | Support of TSCAI time domain | Ericsson | revised |  | C3-213339 |
| C3-213290 | Failure handling for traffic steering | Ericsson | revised |  | C3-213459 |
| C3-213291 | Failure handling for traffic steering | Ericsson | revised |  | C3-213460 |
| C3-213292 | AF influence on traffic routing related events and errors report | Ericsson | revised |  | C3-213461 |
| C3-213293 | Correction to subscription filters | Ericsson | agreed |  |  |
| C3-213294 | IMEI over Gx Gxx Sd reference points 29.212 | Orange | revised |  | C3-213529 |
| C3-213295 | Pseudo-CR on Introduction of Services offered by the ADRF | China Mobile Com. Corporation | revised |  | C3-213537 |
| C3-213296 | Pseudo-CR on Introduction of Services offered by the ADRF | China Mobile Com. Corporation | withdrawn |  |  |
| C3-213297 | IMEI over Rx reference point | Orange / Mariusz | revised | C3-210162 | C3-213530 |
| C3-213298 | Pseudo-CR on Introduction of Services offered by the MFAF | China Mobile Com. Corporation | revised |  | C3-213377 |
| C3-213299 | Revised WID on Enhancement of Network Slicing Phase 2 | ZTE, China Telecom | revised | CP-210288 | C3-213319 |
| C3-213300 | Correction to Same PCF requests to BSF | Ericsson | not pursued | C3-213278 |  |
| C3-213301 | Correction to Same PCF requests to BSF | Ericsson | revised | C3-213279 | C3-213559 |
| C3-213302 | Wrong referenced SmPolicyDecision data type | ZTE | revised |  | C3-213519 |
| C3-213303 | Wrong referenced SmPolicyDecision data type | ZTE | revised |  | C3-213520 |
| C3-213304 | Wrong referenced SmPolicyDecision data type | ZTE | revised |  | C3-213521 |
| C3-213305 | Revised WID on eEDGE\_5GC | Huawei | revised | C3-212519 | C3-213322 |
| C3-213306 | Discussion paper on 5MBS work split | Huawei | noted | C3-213169 |  |
| C3-213307 | New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services | Huawei | revised | C3-213170 | C3-213540 |
| C3-213308 | Temporary and Permanent Redirection | ZTE | revised |  | C3-213425 |
| C3-213309 | Temporary and Permanent Redirection | ZTE | revised |  | C3-213426 |
| C3-213310 | Updates to support L2TP for CUPS | Ericsson | revised | C3-213213 | C3-213432 |
| C3-213311 | Revised WID on Enhancement to the 5GC LoCation Services-Phase 2 | Ericsson | revised | CP-210075 | C3-213320 |
| C3-213312 | LS on work split for MBSF and MBSTF definition | SA4 | noted |  |  |
| C3-213313 | Minutes of CT3#115e | MCC | approved | C3-213013 |  |
| C3-213314 | System enhancement for redundant PDU session | Nokia, Nokia Shanghai Bell | postponed | C3-213018 |  |
| C3-213315 | CT aspects of support of enhanced Industrial IoT | Nokia, Nokia Shanghai Bell | endorsed | C3-213019 |  |
| C3-213316 | Revised WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | Qualcomm Incorporated | revised | C3-213192 | C3-213541 |
| C3-213317 | New WID on enhanced Service Enabler Architecture Layer for Verticals | Samsung Electronics Iberia SA | endorsed | C3-213254 |  |
| C3-213318 | CT aspects of Architecture enhancements for 3GPP support of advanced V2X services - Phase 2 | Huawei, HiSilicon /Christian | revised | C3-213274 | C3-213543 |
| C3-213319 | Revised WID on Enhancement of Network Slicing Phase 2 | ZTE, China Telecom | endorsed | C3-213299 |  |
| C3-213320 | Revised WID on Enhancement to the 5GC LoCation Services-Phase 2 | Ericsson | endorsed | C3-213311 |  |
| C3-213321 | Work plan for TEI17\_DCAMP WI | Ericsson | noted | C3-213275 |  |
| C3-213322 | Revised WID on eEDGE\_5GC | Huawei | endorsed | C3-213305 |  |
| C3-213323 | Revised WID on CT aspects for enabling Edge Applications | Samsung Electronics Iberia SA | agreed | C3-213262 |  |
| C3-213324 | Pseudo-CR on Eees\_SessionWithQoS service description and API spec | NTT corporation, Samsung, Huawei | agreed | C3-213094 |  |
| C3-213325 | Pseudo-CR on Eees\_AppClientInformation service description | Samsung Electronics Iberia SA | agreed | C3-213265 |  |
| C3-213326 | Pseudo-CR on Eees\_AppClientInformation API definition | Samsung Electronics Iberia SA | agreed | C3-213266 |  |
| C3-213327 | Pseudo-CR on Miscellaneous alignments | Samsung Electronics Iberia SA | agreed | C3-213268 |  |
| C3-213328 | TS 29.558 v0.4.0 | Samsung Electronics Iberia SA | agreed |  |  |
| C3-213329 | Update procedures to support HSS initiated GEM partial cancellation | Ericsson, Huawei | agreed | C3-213208 |  |
| C3-213330 | Updates to support notification of GEM partial cancellation | Ericsson, Huawei | agreed | C3-213209 |  |
| C3-213331 | Support time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213165 |  |
| C3-213332 | 29.214 AF Session Control for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-213042 |  |
| C3-213333 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | agreed | C3-213043 |  |
| C3-213334 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213127 |  |
| C3-213335 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213128 |  |
| C3-213336 | Support Time Sensitive Communication other than TSN | Huawei | agreed | C3-213129 |  |
| C3-213337 | Support survival time | Huawei, Nokia, Nokia Shanghai Bell, Ericsson | agreed | C3-213131 |  |
| C3-213338 | Support of TSCAI time domain | Ericsson, Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213288 |  |
| C3-213339 | Support of TSCAI time domain | Ericsson, Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213289 |  |
| C3-213340 | Support Time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213132 |  |
| C3-213341 | Satellite backhaul change event | Ericsson | agreed | C3-213267 |  |
| C3-213342 | Satellite backhaul change event | Ericsson | agreed | C3-213273 |  |
| C3-213343 | Add user plane lantecy requirement in PCC rule | Huawei | agreed | C3-213139 |  |
| C3-213344 | Support of Network Exposure to EAS via Local NEF | Huawei | agreed | C3-213140 |  |
| C3-213345 | Support of Network Exposure to EAS via Local NEF | Huawei | agreed | C3-213141 |  |
| C3-213346 | Support of Network Exposure to EAS via Local NEF | Huawei | agreed | C3-213142 |  |
| C3-213347 | Support of Network Exposure to EAS via Local NEF | Huawei | agreed | C3-213143 |  |
| C3-213348 | Support of Network Exposure to EAS via Local NEF | Huawei | agreed | C3-213144 |  |
| C3-213349 | Support of EAS deployment information | Huawei | postponed | C3-213231 |  |
| C3-213350 | Updates of PCC procedures related to AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon, Huawei | agreed | C3-213249 |  |
| C3-213351 | UDR application data update to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | agreed | C3-213250 |  |
| C3-213352 | Support of UE policy updates for AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | agreed | C3-213252 |  |
| C3-213353 | Updates of ServiceParameter Service to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | agreed | C3-213269 |  |
| C3-213354 | Support for signed attestation for emergency and priority IMS sessions | Ericsson, AT&T | agreed | C3-213092 |  |
| C3-213355 | Consistency for websocket in AnalyticsExposure | Ericsson, Huawei | agreed | C3-213194 |  |
| C3-213356 | Consistency for websocket in AnalyticsExposure | Ericsson, Huawei | agreed |  |  |
| C3-213357 | New WID on Rel-17 Enhancements of 3GPP Northbound Interfaces and Application Layer APIs | Huawei | agreed | C3-213240 |  |
| C3-213358 | Removal of editor's notes on redirect responses | Ericsson | agreed | C3-213086 |  |
| C3-213359 | LS on AM Influence requests for multiple applications | Ericsson | approved |  |  |
| C3-213360 | Additional corrections to the PDU Session with offline charging only indication | Huawei | agreed | C3-213052 |  |
| C3-213361 | Handling of requests which collide with an existing SM Policy Association for interworking scenario | Huawei | agreed | C3-213155 |  |
| C3-213362 | Application error | Huawei | revised | C3-213158 | C3-213549 |
| C3-213363 | Completion of Termination Causes | Ericsson, Huawei | agreed | C3-213282 |  |
| C3-213364 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | agreed | C3-213085 |  |
| C3-213365 | Optional header clarification | China Mobile Communications Group Co.,Ltd. | agreed | C3-213283 |  |
| C3-213366 | Complete definition of the Nnwdaf\_MLModelProvision API | Huawei, China Mobile | agreed | C3-213037 |  |
| C3-213367 | Nsmf\_EventExposure supports RAT Type Change Event | China Telecom | agreed | C3-213133 |  |
| C3-213368 | Service operations of Nnwdaf\_MLModelProvision service | Huawei, China Mobile | agreed | C3-213171 |  |
| C3-213369 | Service description of Nnwdaf\_MLModelProvision service | Huawei, China Mobile, Ericsson | agreed | C3-213172 |  |
| C3-213370 | Extension to User Data Congestion Analytics with GPSI | Ericsson | agreed | C3-213221 |  |
| C3-213371 | Extensions to User Data Congestion Analytics | Ericsson | agreed | C3-213222 |  |
| C3-213372 | Extensions to User Data Congestion Analytics | Ericsson | agreed | C3-213223 |  |
| C3-213373 | Procedures for Analytics Exposure | Huawei, Ericsson | agreed | C3-213234 |  |
| C3-213374 | Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure | Nokia, Nokia Shanghai Bell, Ericsson | agreed | C3-213256 |  |
| C3-213375 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei, Ericsson | agreed | C3-213257 |  |
| C3-213376 | Correction of the description of the snssaia attribute | Nokia, Nokia Shanghai Bell | agreed | C3-213270 |  |
| C3-213377 | Pseudo-CR on Introduction of Services offered by the MFAF | China Mobile Com. Corporation | agreed | C3-213298 |  |
| C3-213378 | Resource, methods and data model for AM Policy Authorization service | Ericsson | agreed | C3-213205 |  |
| C3-213379 | Procedures for AM Policy Authorization service | Ericsson | agreed |  |  |
| C3-213380 | API definition of AM PolicyAuthorization service | Ericsson | agreed | C3-213206 |  |
| C3-213381 | Corrections to the CAPIF\_Auditing\_API Data Model clause | Huawei | agreed | C3-213065 |  |
| C3-213382 | Miscellaneous corrections to the AEF\_Security\_API | Huawei | agreed | C3-213070 |  |
| C3-213383 | Miscellaneous corrections to the CAPIF\_Discover\_Service\_API | Huawei | agreed | C3-213071 |  |
| C3-213384 | Support of 204 No content response code for PFDs update(NBI17) | ZTE | agreed | C3-213118 |  |
| C3-213385 | Support of 204 No content response code for service API definition update(NBI17) | ZTE | agreed | C3-213119 |  |
| C3-213386 | Supporting 204 No Content during configuration procedure on NpConfiguration API | China Telecom, Huawei, Ericsson | agreed | C3-213159 |  |
| C3-213387 | 204 No Content during modification procedure on MonitoringEvent API | Huawei, Ericsson | agreed | C3-213177 |  |
| C3-213388 | Support redirection and mandatory error codes for CAPIF APIs | Huawei | agreed | C3-213182 |  |
| C3-213389 | Update of notification destination for ResourceManagementOfBdt API | Huawei | agreed | C3-213183 |  |
| C3-213390 | Void | MCC | withdrawn |  |  |
| C3-213391 | Corrections on PATCH operation for ChargeableParty API | Huawei | agreed |  |  |
| C3-213392 | Corrections on PATCH operation for ChargeableParty API | Huawei | agreed |  |  |
| C3-213393 | Corrections on PATCH operation for ChargeableParty API | Huawei | agreed |  |  |
| C3-213394 | Updates 204 No Content in RacsParameterProvisioning API | Ericsson | agreed | C3-213217 |  |
| C3-213395 | Updates 204 No Content in NIDD API | Ericsson | agreed | C3-213216 |  |
| C3-213396 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | revised |  | C3-213548 |
| C3-213397 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | agreed |  |  |
| C3-213398 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | agreed |  |  |
| C3-213399 | Updates notification destination via PATCH operation in NIDD API | Ericsson | agreed | C3-213220 |  |
| C3-213400 | analytics for a specific time | ZTE | agreed | C3-213099 |  |
| C3-213401 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213022 |  |
| C3-213402 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213023 |  |
| C3-213403 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213024 |  |
| C3-213404 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213025 |  |
| C3-213405 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213026 |  |
| C3-213406 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213027 |  |
| C3-213407 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213028 |  |
| C3-213408 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | agreed | C3-213029 |  |
| C3-213409 | Redirect responses with "application/json" media type | Ericsson | agreed | C3-213075 |  |
| C3-213410 | Redirect responses with "application/json" media type | Ericsson | agreed | C3-213076 |  |
| C3-213411 | Redirect responses with "application/json" media type | Ericsson | agreed | C3-213077 |  |
| C3-213412 | Redirect responses with "application/json" media type | Ericsson | agreed | C3-213078 |  |
| C3-213413 | Redirect responses with "application/json" media type | Ericsson | agreed | C3-213079 |  |
| C3-213414 | Redirect responses with "application/json" media type | Ericsson | agreed | C3-213080 |  |
| C3-213415 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | agreed | C3-213081 |  |
| C3-213416 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | agreed | C3-213082 |  |
| C3-213417 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | agreed | C3-213083 |  |
| C3-213418 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | agreed | C3-213084 |  |
| C3-213419 | Redirect Responses | Huawei | agreed | C3-213123 |  |
| C3-213420 | Redirect Responses | Huawei | agreed | C3-213162 |  |
| C3-213421 | Redirection responses | Huawei | agreed | C3-213173 |  |
| C3-213422 | Redirection responses | Huawei | agreed | C3-213174 |  |
| C3-213423 | Redirection responses | Huawei | agreed | C3-213175 |  |
| C3-213424 | Redirection responses | Huawei | agreed | C3-213176 |  |
| C3-213425 | Temporary and Permanent Redirection | ZTE | agreed | C3-213308 |  |
| C3-213426 | Temporary and Permanent Redirection | ZTE | agreed | C3-213309 |  |
| C3-213427 | New Network slice status reporting events for the MonitoringEvent API | Huawei | agreed | C3-213053 |  |
| C3-213428 | New Network slice status reporting events for the MonitoringEvent API | Huawei | agreed | C3-213054 |  |
| C3-213429 | Update procedures to support L2TP for CUPS | Ericsson | agreed | C3-213210 |  |
| C3-213430 | Updates to support L2TP in RADIUS message flow | Ericsson | agreed | C3-213211 |  |
| C3-213431 | Updates to support L2TP in Diameter message flow | Ericsson | agreed | C3-213212 |  |
| C3-213432 | Updates to support L2TP for CUPS | Ericsson | agreed | C3-213310 |  |
| C3-213433 | Updates to support L2TP in RADIUS message flow | Ericsson | agreed | C3-213214 |  |
| C3-213434 | Updates to support L2TP in Diameter message flow | Ericsson | agreed | C3-213215 |  |
| C3-213435 | Behaviour of the VAE server for VAE\_ApplicationRequirement Service | Huawei | agreed | C3-213152 |  |
| C3-213436 | Behaviour of the VAE server for VAE\_DynamicGroup Service | Huawei | agreed | C3-213153 |  |
| C3-213437 | 204 No Content during modification procedure on SS\_GroupManagement API | Huawei | agreed | C3-213180 |  |
| C3-213438 | Support redirection for SEAL APIs | Huawei | agreed | C3-213181 |  |
| C3-213439 | Removal of resource URI in Notification Acknowledgement procedure | ZTE | agreed | C3-213100 |  |
| C3-213440 | Correction to Framed Route information | China Telecommunications | agreed | C3-213160 |  |
| C3-213441 | Adding support for providing L2TP information through N6 interface | China Telecommunications, Ericsson | agreed | C3-213161 |  |
| C3-213442 | Void | MCC | withdrawn |  |  |
| C3-213443 | Void | MCC | withdrawn |  |  |
| C3-213444 | Void | MCC | withdrawn |  |  |
| C3-213445 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | agreed | C3-213198 |  |
| C3-213446 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | agreed | C3-213199 |  |
| C3-213447 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | agreed | C3-213200 |  |
| C3-213448 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | agreed | C3-213224 |  |
| C3-213449 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | agreed | C3-213225 |  |
| C3-213450 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | agreed | C3-213226 |  |
| C3-213451 | Non-selected BDT policy | Ericsson | agreed | C3-213227 |  |
| C3-213452 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | agreed | C3-213228 |  |
| C3-213453 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | agreed | C3-213229 |  |
| C3-213454 | Support of Threshold Condition | ZTE | agreed | C3-213095 |  |
| C3-213455 | Support of Steering Mode Indicator | ZTE | agreed | C3-213096 |  |
| C3-213456 | Serving PLMN UE Slice-MBR control | ZTE | agreed | C3-213097 | CP-211104 |
| C3-213457 | LS on Clarifications to the operation of network slice status reporting | Huawei | approved |  |  |
| C3-213458 | Correction of tsnPortManContNwtts attribute | ZTE | revised | C3-213098 | C3-213550 |
| C3-213459 | Failure handling for traffic steering | Ericsson | agreed | C3-213290 |  |
| C3-213460 | Failure handling for traffic steering | Ericsson | revised | C3-213291 | C3-213551 |
| C3-213461 | AF influence on traffic routing related events and errors report | Ericsson | agreed | C3-213292 |  |
| C3-213462 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | agreed |  |  |
| C3-213463 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213464 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213465 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213466 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213467 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | agreed |  |  |
| C3-213468 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | agreed |  |  |
| C3-213469 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | agreed |  |  |
| C3-213470 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | agreed |  |  |
| C3-213471 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | agreed |  |  |
| C3-213472 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213473 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213474 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213475 | Update of OpenAPI version and TS version in externalDocs field | ZTE | agreed |  |  |
| C3-213476 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213477 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213478 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213479 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213480 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213481 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | agreed |  |  |
| C3-213482 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | agreed |  |  |
| C3-213483 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | agreed |  |  |
| C3-213484 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | agreed |  |  |
| C3-213485 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | agreed |  |  |
| C3-213486 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213487 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213488 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213489 | Update of OpenAPI version and TS version in externalDocs field | ZTE | agreed |  |  |
| C3-213490 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213491 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | agreed |  |  |
| C3-213492 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213493 | Update of TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213494 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213495 | Update of OpenAPI version and TS version in externalDocs field | Samsung | agreed |  |  |
| C3-213496 | Update of OpenAPI version and TS version in externalDocs field | Samsung | agreed |  |  |
| C3-213497 | OpenAPI version update of Nudr\_DataRepository API | Huawei | noted |  |  |
| C3-213498 | TS 29.534 v0.2.0 | Ericsson | agreed |  |  |
| C3-213499 | TS 29.552 v0.2.0 | Huawei | agreed |  |  |
| C3-213500 | TS 29.abc v0.1.0 | Huawei | agreed |  |  |
| C3-213501 | TS 29.def v0.1.0 | China Mobile | agreed |  |  |
| C3-213502 | TS 29.ghi v0.1.0 | China Mobile | agreed |  |  |
| C3-213503 | TS 29.jkl v0.1.0 | Huawei | agreed |  |  |
| C3-213504 | TS 29.mno v0.1.0 | CATT | agreed |  |  |
| C3-213505 | Support Local MBMS | Huawei | agreed | C3-213145 |  |
| C3-213506 | CAPIF support | Ericsson | agreed | C3-213193 |  |
| C3-213507 | Correction of request URI in 4.2.2.2 | ZTE | agreed | C3-213111 |  |
| C3-213508 | Correction of request URI in 4.2.2.2 | ZTE | agreed | C3-213112 |  |
| C3-213509 | Correction of request URI in 4.2.2.2 | ZTE | agreed | C3-213113 |  |
| C3-213510 | Format of location information | Huawei | agreed | C3-213243 |  |
| C3-213511 | Format of location information | Huawei | agreed | C3-213244 |  |
| C3-213512 | Format of location information | Huawei | agreed | C3-213245 |  |
| C3-213513 | Correction on wrong referenced attributes | ZTE | agreed | C3-213101 |  |
| C3-213514 | Correction on wrong referenced attributes | ZTE | agreed | C3-213102 |  |
| C3-213515 | Correcting the unit of periodicity | ZTE | agreed | C3-213105 |  |
| C3-213516 | Correcting the unit of periodicity | ZTE | agreed | C3-213106 |  |
| C3-213517 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | agreed | C3-213108 |  |
| C3-213518 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | agreed | C3-213117 |  |
| C3-213519 | Wrong referenced SmPolicyDecision data type | ZTE | agreed | C3-213302 |  |
| C3-213520 | Wrong referenced SmPolicyDecision data type | ZTE | agreed | C3-213303 |  |
| C3-213521 | Wrong referenced SmPolicyDecision data type | ZTE | agreed | C3-213304 |  |
| C3-213522 | Correction on 404 Not Found | ZTE | agreed | C3-213114 |  |
| C3-213523 | Correction on 404 Not Found | ZTE | agreed | C3-213115 |  |
| C3-213524 | Correction on 404 Not Found | ZTE | agreed | C3-213116 |  |
| C3-213525 | Presence condition of eventsRepInfo attribute | ZTE | agreed | C3-213103 |  |
| C3-213526 | Presence condition of eventsRepInfo attribute | ZTE | agreed | C3-213104 |  |
| C3-213527 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | agreed | C3-213124 |  |
| C3-213528 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | agreed | C3-213125 |  |
| C3-213529 | IMEI over Gx Gxx Sd reference points 29.212 | Orange | revised | C3-213294 | C3-213556 |
| C3-213530 | IMEI over Rx reference point | Orange / Mariusz | revised | C3-213297 | C3-213557 |
| C3-213531 | Status of CT3 Work Items | CT3 chairman | noted | C3-213012 |  |
| C3-213532 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | agreed | C3-213277 |  |
| C3-213533 | The procedure of time synchronization exposure | Huawei, Nokia, Nokia Shanghai Bell | agreed | C3-213136 |  |
| C3-213534 | 5G ProSe related updates to PCC procedures | Huawei, CATT | agreed | C3-213048 |  |
| C3-213535 | TS skeleton of TS for Analytics Data Repository Services | China Mobile Communications Group Co.,Ltd. | agreed | C3-213284 |  |
| C3-213536 | TS skeleton of TS for Messaging Framework Adaptor Services | China Mobile Communications Group Co.,Ltd. | agreed | C3-213285 |  |
| C3-213537 | Pseudo-CR on Introduction of Services offered by the ADRF | China Mobile Com. Corporation | agreed | C3-213295 |  |
| C3-213538 | Respecting 3GPP Forge executing rules | Huawei | agreed | C3-213062 |  |
| C3-213539 | pCR on the scope clause of the new UAE Server Services TS | Huawei | agreed | C3-213168 |  |
| C3-213540 | New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services | Huawei | endorsed | C3-213307 |  |
| C3-213541 | Revised WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | Qualcomm Incorporated | endorsed | C3-213316 |  |
| C3-213542 | Update of OpenAPI version and TS version in externalDocs field | Huawei | agreed |  |  |
| C3-213543 | CT aspects of Architecture enhancements for 3GPP support of advanced V2X services - Phase 2 | Huawei, HiSilicon /Christian | endorsed | C3-213318 |  |
| C3-213544 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | agreed | C3-213286 |  |
| C3-213545 | Revised WID on CT aspects on Same PCF Selection For AMF and SMF | China Telecommunications | endorsed | C3-213034 |  |
| C3-213546 | LS on Clarifications on the offline charging only indication | Huawei | approved |  |  |
| C3-213547 | Pseudo-CR on Eees\_TargetEASDiscovery service definition | Samsung Electronics Iberia SA | agreed | C3-213272 |  |
| C3-213548 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | agreed | C3-213396 |  |
| C3-213549 | Application error | Huawei | agreed | C3-213362 |  |
| C3-213550 | Correction of tsnPortManContNwtts attribute | ZTE | agreed | C3-213458 |  |
| C3-213551 | Failure handling for traffic steering | Ericsson | agreed | C3-213460 |  |
| C3-213552 | LS on Nnef\_AMPolicyAuthorization input parameters | Ericsson | approved |  |  |
| C3-213553 | 5G ProSe related updates to Nudr | Huawei, CATT | agreed | C3-213049 |  |
| C3-213554 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei, CATT | agreed | C3-213050 |  |
| C3-213555 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei, CATT | agreed | C3-213051 |  |
| C3-213556 | IMEI over Gx Gxx Sd reference points 29.212 | Orange | agreed | C3-213529 |  |
| C3-213557 | IMEI over Rx reference point | Orange / Mariusz | agreed | C3-213530 |  |
| C3-213558 | Handling of requests which have timed out at the originating entity for interworking scenario | Huawei | agreed | C3-213157 |  |
| C3-213559 | Correction to Same PCF requests to BSF | Ericsson | agreed | C3-213301 |  |
| C3-213560 | Correction to ExtendedSamePcf feature | Ericsson | agreed | C3-213280 |  |
| C3-213561 | Correction to ExtendedSamePcf feature | Ericsson | agreed | C3-213281 |  |
| C3-213562 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | agreed | C3-213248 |  |
| C3-213563 | Updating the UDR upon usage report receipt | Nokia, Nokia Shanghai Bell | agreed |  |  |
| C3-213564 | Allocation of documents to agenda items (after email approval) | CT3 chairman | noted |  |  |

### A2: Tdoc decision timing

|  |  |  |
| --- | --- | --- |
| Document | Date/time UTC | Decision |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| C3-213210 | Update procedures to support L2TP for CUPS | Ericsson | 29.061 | 0536 | 2 | Rel-17 | B | BEPoP | revised |
| C3-213429 | Update procedures to support L2TP for CUPS | Ericsson | 29.061 | 0536 | 3 | Rel-17 | B | BEPoP | agreed |
| C3-213211 | Updates to support L2TP in RADIUS message flow | Ericsson | 29.061 | 0537 | 1 | Rel-17 | B | BEPoP | revised |
| C3-213430 | Updates to support L2TP in RADIUS message flow | Ericsson | 29.061 | 0537 | 2 | Rel-17 | B | BEPoP | agreed |
| C3-213212 | Updates to support L2TP in Diameter message flow | Ericsson | 29.061 | 0538 | 1 | Rel-17 | B | BEPoP | revised |
| C3-213431 | Updates to support L2TP in Diameter message flow | Ericsson | 29.061 | 0538 | 2 | Rel-17 | B | BEPoP | agreed |
| C3-213198 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | 29.061 | 0539 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, SAES-St3-intwk | revised |
| C3-213445 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | 29.061 | 0539 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, SAES-St3-intwk | agreed |
| C3-213228 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | 29.061 | 0540 | - | Rel-17 | B | 5GS\_Ph1-CT, TEI17, SAES-St3-intwk | revised |
| C3-213452 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | 29.061 | 0540 | 1 | Rel-17 | B | 5GS\_Ph1-CT, TEI17, SAES-St3-intwk | agreed |
| C3-213251 | Remove duplicated text for 3GPP-User-Location-Info | Ericsson | 29.061 | 0541 | - | Rel-17 | D | TEI17, EDCE5-CT | agreed |
| C3-213195 | eCAPIF support | Ericsson | 29.116 | 0052 | - | Rel-17 | B | TEI17, eCAPIF | agreed |
| C3-213224 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | 29.122 | 0347 | 4 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | revised |
| C3-213448 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | 29.122 | 0347 | 5 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | agreed |
| C3-213226 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | 29.122 | 0348 | 4 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | revised |
| C3-213450 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | 29.122 | 0348 | 5 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | agreed |
| C3-213132 | Support Time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | 29.122 | 0408 | 2 | Rel-17 | B | IIoT | revised |
| C3-213340 | Support Time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | 29.122 | 0408 | 3 | Rel-17 | B | IIoT | agreed |
| C3-213053 | New Network slice status reporting events for the MonitoringEvent API | Huawei | 29.122 | 0422 | - | Rel-17 | B | eNS\_Ph2 | revised |
| C3-213427 | New Network slice status reporting events for the MonitoringEvent API | Huawei | 29.122 | 0422 | 1 | Rel-17 | B | eNS\_Ph2 | agreed |
| C3-213057 | Wrong event name | Huawei | 29.122 | 0423 | - | Rel-15 | F | NAPS-CT | not pursued |
| C3-213058 | Wrong event name | Huawei | 29.122 | 0424 | - | Rel-16 | A | NAPS-CT | not pursued |
| C3-213059 | Wrong event name | Huawei | 29.122 | 0425 | - | Rel-17 | A | NAPS-CT | not pursued |
| C3-213062 | Respecting 3GPP Forge executing rules | Huawei | 29.122 | 0426 | - | Rel-17 | B | TEI17 | revised |
| C3-213538 | Respecting 3GPP Forge executing rules | Huawei | 29.122 | 0426 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213118 | Support of 204 No content response code for PFDs update(NBI17) | ZTE | 29.122 | 0427 | - | Rel-17 | B | TEI17 | revised |
| C3-213384 | Support of 204 No content response code for PFDs update(NBI17) | ZTE | 29.122 | 0427 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213140 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.122 | 0428 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213344 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.122 | 0428 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213134 | Adding notificationDestination in NpConfigurationPatch data type | China Telecom, Huawei | 29.122 | 0429 | - | Rel-17 | F | TEI17 | agreed |
| C3-213159 | Supporting 204 No Content during configuration procedure on NpConfiguration API | China Telecom, Huawei | 29.122 | 0430 | - | Rel-17 | F | TEI17 | revised |
| C3-213386 | Supporting 204 No Content during configuration procedure on NpConfiguration API | China Telecom, Huawei, Ericsson | 29.122 | 0430 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213177 | 204 No Content during modification procedure on MonitoringEvent API | Huawei | 29.122 | 0431 | - | Rel-17 | F | TEI17 | revised |
| C3-213387 | 204 No Content during modification procedure on MonitoringEvent API | Huawei, Ericsson | 29.122 | 0431 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213178 | 204 No Content during modification procedure on AsSessionWithQoS API | Huawei | 29.122 | 0432 | - | Rel-17 | F | TEI17 | agreed |
| C3-213179 | 204 No Content during modification procedure on ChargeableParty API | Huawei | 29.122 | 0433 | - | Rel-17 | F | TEI17 | agreed |
| C3-213183 | Update of notification destination for ResourceManagementOfBdt API | Huawei | 29.122 | 0434 | - | Rel-17 | F | TEI17 | revised |
| C3-213389 | Update of notification destination for ResourceManagementOfBdt API | Huawei | 29.122 | 0434 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213184 | Update of notification destination for ChargeableParty API | Huawei | 29.122 | 0435 | - | Rel-17 | F | TEI17 | agreed |
| C3-213185 | Update of notification destination for AsSessionWithQoS API | Huawei | 29.122 | 0436 | - | Rel-17 | F | TEI17 | agreed |
| C3-213196 | eCAPIF support | Ericsson | 29.122 | 0437 | - | Rel-17 | B | TEI17, eCAPIF | agreed |
| C3-213208 | Update procedures to support HSS initiated GEM partial cancellation | Ericsson | 29.122 | 0438 | - | Rel-17 | B | TEI17\_GEM | revised |
| C3-213329 | Update procedures to support HSS initiated GEM partial cancellation | Ericsson, Huawei | 29.122 | 0438 | 1 | Rel-17 | B | TEI17\_GEM | agreed |
| C3-213209 | Updates to support notification of GEM partial cancellation | Ericsson | 29.122 | 0439 | - | Rel-17 | B | TEI17\_GEM | revised |
| C3-213330 | Updates to support notification of GEM partial cancellation | Ericsson, Huawei | 29.122 | 0439 | 1 | Rel-17 | B | TEI17\_GEM | agreed |
| C3-213216 | Updates 204 No Content in NIDD API | Ericsson | 29.122 | 0440 | - | Rel-17 | F | TEI17 | revised |
| C3-213395 | Updates 204 No Content in NIDD API | Ericsson | 29.122 | 0440 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213217 | Updates 204 No Content in RacsParameterProvisioning API | Ericsson | 29.122 | 0441 | - | Rel-17 | F | TEI17 | revised |
| C3-213394 | Updates 204 No Content in RacsParameterProvisioning API | Ericsson | 29.122 | 0441 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213218 | Updates 204 No Content in MonitoringEvent API | Ericsson | 29.122 | 0442 | - | Rel-17 | F | TEI17 | merged |
| C3-213219 | Updates 204 No Content in NpConfiguration API | Ericsson | 29.122 | 0443 | - | Rel-17 | F | TEI17 | merged |
| C3-213220 | Updates notification destination via PATCH operation in NIDD API | Ericsson | 29.122 | 0444 | - | Rel-17 | B | TEI17 | revised |
| C3-213399 | Updates notification destination via PATCH operation in NIDD API | Ericsson | 29.122 | 0444 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213243 | Format of location information | Huawei | 29.122 | 0445 | - | Rel-15 | F | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-213510 | Format of location information | Huawei | 29.122 | 0445 | 1 | Rel-15 | F | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-213244 | Format of location information | Huawei | 29.122 | 0446 | - | Rel-16 | A | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-213511 | Format of location information | Huawei | 29.122 | 0446 | 1 | Rel-16 | A | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-213245 | Format of location information | Huawei | 29.122 | 0447 | - | Rel-17 | A | NAPS-CT, 5GS\_Ph1-CT | revised |
| C3-213512 | Format of location information | Huawei | 29.122 | 0447 | 1 | Rel-17 | A | NAPS-CT, 5GS\_Ph1-CT | agreed |
| C3-213391 | Corrections on PATCH operation for ChargeableParty API | Huawei | 29.122 | 0448 | - | Rel-15 | F | NAPS-CT | agreed |
| C3-213392 | Corrections on PATCH operation for ChargeableParty API | Huawei | 29.122 | 0449 | - | Rel-16 | A | NAPS-CT | agreed |
| C3-213393 | Corrections on PATCH operation for ChargeableParty API | Huawei | 29.122 | 0450 | - | Rel-17 | A | NAPS-CT | agreed |
| C3-213396 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | 29.122 | 0451 | - | Rel-15 | F | NAPS-CT | revised |
| C3-213548 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | 29.122 | 0451 | 1 | Rel-15 | F | NAPS-CT | agreed |
| C3-213397 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | 29.122 | 0452 | - | Rel-16 | A | NAPS-CT | agreed |
| C3-213398 | Essential corrections to 204 in PATCH in NIDD API | Ericsson | 29.122 | 0453 | - | Rel-17 | A | NAPS-CT | agreed |
| C3-213492 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.122 | 0454 | - | Rel-17 | F | TEI17 | agreed |
| C3-213089 | Correction on Calling number verification using signature verification and attestation information | Ericsson | 29.165 | 1026 | - | Rel-15 | F | eSPECTRE | agreed |
| C3-213090 | Correction on Calling number verification using signature verification and attestation information | Ericsson | 29.165 | 1027 | - | Rel-16 | A | eSPECTRE | agreed |
| C3-213091 | Correction on Calling number verification using signature verification and attestation information | Ericsson | 29.165 | 1028 | - | Rel-17 | A | eSPECTRE | agreed |
| C3-213092 | Support for signed attestation for emergency and priority IMS sessions | Ericsson, AT&T | 29.165 | 1029 | - | Rel-17 | B | TEI17\_SAPES | revised |
| C3-213354 | Support for signed attestation for emergency and priority IMS sessions | Ericsson, AT&T | 29.165 | 1029 | 1 | Rel-17 | B | TEI17\_SAPES | agreed |
| C3-213039 | 29.212 PCC Support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.212 | 1700 | 2 | Rel-17 | B | MPS2 | agreed |
| C3-213290 | Failure handling for traffic steering | Ericsson | 29.212 | 1703 | - | Rel-17 | F | PCC-Enh, TEI17 | revised |
| C3-213459 | Failure handling for traffic steering | Ericsson | 29.212 | 1703 | 1 | Rel-17 | F | PCC-Enh, TEI17 | agreed |
| C3-213294 | IMEI over Gx Gxx Sd reference points 29.212 | Orange | 29.212 | 1704 | - | Rel-17 | B | TEI17 | revised |
| C3-213529 | IMEI over Gx Gxx Sd reference points 29.212 | Orange | 29.212 | 1704 | 1 | Rel-17 | B | TEI17 | revised |
| C3-213556 | IMEI over Gx Gxx Sd reference points 29.212 | Orange | 29.212 | 1704 | 2 | Rel-17 | B | TEI17, SAES-St3-PCC | agreed |
| C3-213297 | IMEI over Rx reference point | Orange / Mariusz | 29.214 | 1653 | 1 | Rel-17 | B | TEI17 | revised |
| C3-213530 | IMEI over Rx reference point | Orange / Mariusz | 29.214 | 1653 | 2 | Rel-17 | B | TEI17 | revised |
| C3-213557 | IMEI over Rx reference point | Orange / Mariusz | 29.214 | 1653 | 3 | Rel-17 | B | TEI17, SAES-St3-PCC | agreed |
| C3-213042 | 29.214 AF Session Control for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.214 | 1654 | 2 | Rel-17 | B | MPS2 | revised |
| C3-213332 | 29.214 AF Session Control for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.214 | 1654 | 3 | Rel-17 | B | MPS2 | agreed |
| C3-213072 | Missing data type in the CAPIF\_API\_Provider\_Management\_API Data Types tables | Huawei | 29.222 | 0177 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213073 | Missing data type in the CAPIF\_Routing\_Info\_API Data Types tables | Huawei | 29.222 | 0178 | 2 | Rel-17 | F | TEI17 | agreed |
| C3-213074 | Missing data types in the CAPIF\_Access\_Control\_Policy\_API Data Types tables | Huawei | 29.222 | 0180 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213063 | Correction of the clause subclause terminology | Huawei | 29.222 | 0197 | - | Rel-17 | F | TEI17 | agreed |
| C3-213064 | Corrections to the CAPIF\_API\_Invoker\_Management\_API Data Model clause | Huawei | 29.222 | 0198 | - | Rel-17 | F | TEI17 | agreed |
| C3-213065 | Corrections to the CAPIF\_Auditing\_API Data Model clause | Huawei | 29.222 | 0199 | - | Rel-17 | F | TEI17 | revised |
| C3-213381 | Corrections to the CAPIF\_Auditing\_API Data Model clause | Huawei | 29.222 | 0199 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213066 | Corrections to the CAPIF\_Events\_API Data Model clause | Huawei | 29.222 | 0200 | - | Rel-17 | F | TEI17 | agreed |
| C3-213067 | Corrections to the CAPIF\_Logging\_API\_Invocation\_API Data Model clause | Huawei | 29.222 | 0201 | - | Rel-17 | F | TEI17 | agreed |
| C3-213068 | Corrections to the CAPIF\_Publish\_Service\_API Data Model clause | Huawei | 29.222 | 0202 | - | Rel-17 | F | TEI17 | agreed |
| C3-213069 | Corrections to the CAPIF\_Security\_API Data Model clause | Huawei | 29.222 | 0203 | - | Rel-17 | F | TEI17 | agreed |
| C3-213071 | Miscellaneous corrections to the CAPIF\_Discover\_Service\_API | Huawei | 29.222 | 0204 | - | Rel-17 | F | TEI17 | revised |
| C3-213383 | Miscellaneous corrections to the CAPIF\_Discover\_Service\_API | Huawei | 29.222 | 0204 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213070 | Miscellaneous corrections to the AEF\_Security\_API | Huawei | 29.222 | 0205 | - | Rel-17 | F | TEI17 | revised |
| C3-213382 | Miscellaneous corrections to the AEF\_Security\_API | Huawei | 29.222 | 0205 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213119 | Support of 204 No content response code for service API definition update(NBI17) | ZTE | 29.222 | 0206 | - | Rel-17 | B | TEI17 | revised |
| C3-213385 | Support of 204 No content response code for service API definition update(NBI17) | ZTE | 29.222 | 0206 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213182 | Support redirection and mandatory error codes for CAPIF APIs | Huawei | 29.222 | 0207 | - | Rel-17 | F | TEI17 | revised |
| C3-213388 | Support redirection and mandatory error codes for CAPIF APIs | Huawei | 29.222 | 0207 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213495 | Update of OpenAPI version and TS version in externalDocs field | Samsung | 29.222 | 0208 | - | Rel-17 | F | TEI17 | agreed |
| C3-213145 | Support Local MBMS | Huawei | 29.486 | 0022 | 2 | Rel-17 | B | eV2XAPP | revised |
| C3-213505 | Support Local MBMS | Huawei | 29.486 | 0022 | 3 | Rel-17 | B | eV2XAPP | agreed |
| C3-213146 | Introduction of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0023 | 2 | Rel-17 | B | eV2XAPP | agreed |
| C3-213147 | Procedure of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0024 | 2 | Rel-17 | B | eV2XAPP | agreed |
| C3-213148 | Resources and methods of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0025 | 2 | Rel-17 | B | eV2XAPP | agreed |
| C3-213149 | OpenAPI file of VAE\_HDMapDynamicInfo service | Huawei | 29.486 | 0026 | 2 | Rel-17 | B | eV2XAPP | agreed |
| C3-213150 | Reception report for downlink message delivery | Huawei | 29.486 | 0050 | - | Rel-17 | B | TEI17 | agreed |
| C3-213151 | Reception report for uplink message delivery | Huawei | 29.486 | 0051 | - | Rel-17 | B | TEI17 | agreed |
| C3-213152 | Behaviour of the VAE server for VAE\_ApplicationRequirement Service | Huawei | 29.486 | 0052 | - | Rel-17 | B | TEI17 | revised |
| C3-213435 | Behaviour of the VAE server for VAE\_ApplicationRequirement Service | Huawei | 29.486 | 0052 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213153 | Behaviour of the VAE server for VAE\_DynamicGroup Service | Huawei | 29.486 | 0053 | - | Rel-17 | B | TEI17 | revised |
| C3-213436 | Behaviour of the VAE server for VAE\_DynamicGroup Service | Huawei | 29.486 | 0053 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213154 | Behaviour of the VAE server for VAE\_ServiceContinuity Service | Huawei | 29.486 | 0054 | - | Rel-17 | B | TEI17 | agreed |
| C3-213193 | CAPIF support | Ericsson | 29.486 | 0055 | - | Rel-17 | B | eV2XAPP | revised |
| C3-213506 | CAPIF support | Ericsson | 29.486 | 0055 | 1 | Rel-17 | B | eV2XAPP | agreed |
| C3-213494 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.486 | 0056 | - | Rel-17 | F | TEI17 | agreed |
| C3-213542 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.486 | 0057 | - | Rel-16 | F | TEI16 | agreed |
| C3-213022 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.507 | 0169 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213401 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.507 | 0169 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213023 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.507 | 0170 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213402 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.507 | 0170 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213097 | Serving PLMN UE Slice-MBR control | ZTE | 29.507 | 0171 | - | Rel-17 | B | eNS\_Ph2 | revised |
| C3-213456 | Serving PLMN UE Slice-MBR control | ZTE | 29.507 | 0171 | 1 | Rel-17 | B | eNS\_Ph2 | agreed |
| C3-213463 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.507 | 0172 | - | Rel-16 | F | TEI16 | agreed |
| C3-213477 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.507 | 0173 | - | Rel-17 | F | TEI17 | agreed |
| C3-213271 | Partitioning criteria for applying sampling in specific UE partitions in SMF exposure | Nokia, Nokia Shanghai Bell, Ericsson | 29.508 | 0131 | 2 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213024 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.508 | 0133 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213403 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.508 | 0133 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213025 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.508 | 0134 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213404 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.508 | 0134 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213100 | Removal of resource URI in Notification Acknowledgement procedure | ZTE | 29.508 | 0135 | - | Rel-17 | F | TEI17, 5G\_URLLC | revised |
| C3-213439 | Removal of resource URI in Notification Acknowledgement procedure | ZTE | 29.508 | 0135 | 1 | Rel-17 | F | TEI17, 5G\_URLLC | agreed |
| C3-213133 | Nsmf\_EventExposure supports RAT Type Change Event | China Telecom | 29.508 | 0136 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213367 | Nsmf\_EventExposure supports RAT Type Change Event | China Telecom | 29.508 | 0136 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213464 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.508 | 0137 | - | Rel-16 | F | TEI16 | agreed |
| C3-213478 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.508 | 0138 | - | Rel-17 | F | TEI17 | agreed |
| C3-213041 | 29.512 PCC support for MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.512 | 0749 | 2 | Rel-17 | B | MPS2 | agreed |
| C3-213120 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0753 | 2 | Rel-15 | F | 5GS\_Ph1-CT | not pursued |
| C3-213121 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0754 | 2 | Rel-16 | F | TEI16, 5GS\_Ph1-CT | agreed |
| C3-213122 | Correct the error code MISS\_FLOW\_INFO | Huawei | 29.512 | 0755 | 2 | Rel-17 | A | TEI16, 5GS\_Ph1-CT | agreed |
| C3-213163 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0756 | 2 | Rel-16 | F | 5G\_CIoT | agreed |
| C3-213126 | Correction to PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0757 | 2 | Rel-17 | A | 5G\_CIoT | agreed |
| C3-213127 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | 29.512 | 0760 | 2 | Rel-17 | B | IIoT | revised |
| C3-213334 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | 29.512 | 0760 | 3 | Rel-17 | B | IIoT | agreed |
| C3-213130 | Support survival time | Huawei, Nokia, Nokia Shanghai Bell, Ericsson | 29.512 | 0761 | 2 | Rel-17 | B | IIoT | agreed |
| C3-213139 | Add user plane lantecy requirement in PCC rule | Huawei | 29.512 | 0763 | 2 | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213343 | Add user plane lantecy requirement in PCC rule | Huawei | 29.512 | 0763 | 3 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213286 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | 29.512 | 0772 | 3 | Rel-17 | B | TEI17\_NIESGU | revised |
| C3-213544 | Support of event trigger for GERAN and UTRAN access over N7 interface | China Mobile Com. Corporation | 29.512 | 0772 | 4 | Rel-17 | B | TEI17\_NIESGU | agreed |
| C3-213047 | Deactivation Time for time conditioned session rule | Ericsson, ZTE | 29.512 | 0773 | - | Rel-16 | F | TEI16, 5GS\_Ph1-CT | agreed |
| C3-213052 | Additional corrections to the PDU Session with offline charging only indication | Huawei | 29.512 | 0774 | - | Rel-17 | F | TEI17 | revised |
| C3-213360 | Additional corrections to the PDU Session with offline charging only indication | Huawei | 29.512 | 0774 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213060 | Additional missing description fields in OpenAPI specification files | Huawei | 29.512 | 0775 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-213095 | Support of Threshold Condition | ZTE | 29.512 | 0776 | - | Rel-17 | B | ATSSS\_Ph2 | revised |
| C3-213454 | Support of Threshold Condition | ZTE | 29.512 | 0776 | 1 | Rel-17 | B | ATSSS\_Ph2 | agreed |
| C3-213096 | Support of Steering Mode Indicator | ZTE | 29.512 | 0777 | - | Rel-17 | B | ATSSS\_Ph2 | revised |
| C3-213455 | Support of Steering Mode Indicator | ZTE | 29.512 | 0777 | 1 | Rel-17 | B | ATSSS\_Ph2 | agreed |
| C3-213098 | Correction of tsnPortManContNwtts attribute | ZTE | 29.512 | 0778 | - | Rel-17 | F | TEI17, Vertical\_LAN | revised |
| C3-213458 | Correction of tsnPortManContNwtts attribute | ZTE | 29.512 | 0778 | 1 | Rel-17 | F | Vertical\_LAN, TEI17 | revised |
| C3-213550 | Correction of tsnPortManContNwtts attribute | ZTE | 29.512 | 0778 | 2 | Rel-17 | F | Vertical\_LAN, TEI17 | agreed |
| C3-213101 | Correction on wrong referenced attributes | ZTE | 29.512 | 0779 | - | Rel-16 | F | ATSSS | revised |
| C3-213513 | Correction on wrong referenced attributes | ZTE | 29.512 | 0779 | 1 | Rel-16 | F | ATSSS | agreed |
| C3-213102 | Correction on wrong referenced attributes | ZTE | 29.512 | 0780 | - | Rel-17 | A | ATSSS | revised |
| C3-213514 | Correction on wrong referenced attributes | ZTE | 29.512 | 0780 | 1 | Rel-17 | A | ATSSS | agreed |
| C3-213123 | Redirect Responses | Huawei | 29.512 | 0781 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213419 | Redirect Responses | Huawei | 29.512 | 0781 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213142 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.512 | 0782 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213346 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.512 | 0782 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213155 | Handling of requests which collide with an existing SM Policy Association for interworking scenario | Huawei | 29.512 | 0783 | - | Rel-17 | B | TEI17 | revised |
| C3-213361 | Handling of requests which collide with an existing SM Policy Association for interworking scenario | Huawei | 29.512 | 0783 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213156 | Handling of requests which have timed out at the originating entity | Huawei | 29.512 | 0784 | - | Rel-17 | B | TEI17 | postponed |
| C3-213157 | Handling of requests which have timed out at the originating entity for interworking scenario | Huawei | 29.512 | 0785 | - | Rel-17 | B | TEI17 | revised |
| C3-213558 | Handling of requests which have timed out at the originating entity for interworking scenario | Huawei | 29.512 | 0785 | 1 | Rel-17 | B | TEI17 | agreed |
| C3-213162 | Redirect Responses | Huawei | 29.512 | 0786 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213420 | Redirect Responses | Huawei | 29.512 | 0786 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213164 | Support time domain | Huawei, Nokia, Nokia Shanghai Bell | 29.512 | 0787 | - | Rel-17 | B | IIoT | merged |
| C3-213233 | Support of UAV controller IP address | Huawei | 29.512 | 0788 | - | Rel-17 | B | ID\_UAS | postponed |
| C3-213278 | Correction to Same PCF requests to BSF | Ericsson | 29.512 | 0789 | - | Rel-16 | F | en5GPccSer | revised |
| C3-213300 | Correction to Same PCF requests to BSF | Ericsson | 29.512 | 0789 | 1 | Rel-16 | F | en5GPccSer | not pursued |
| C3-213279 | Correction to Same PCF requests to BSF | Ericsson | 29.512 | 0790 | - | Rel-17 | A | en5GPccSer | revised |
| C3-213301 | Correction to Same PCF requests to BSF | Ericsson | 29.512 | 0790 | 1 | Rel-17 | A | en5GPccSer | revised |
| C3-213559 | Correction to Same PCF requests to BSF | Ericsson | 29.512 | 0790 | 2 | Rel-17 | F | TEI17, en5GPccSer | agreed |
| C3-213288 | Support of TSCAI time domain | Ericsson | 29.512 | 0791 | - | Rel-17 | B | IIoT | revised |
| C3-213338 | Support of TSCAI time domain | Ericsson, Huawei, Nokia, Nokia Shanghai Bell | 29.512 | 0791 | 1 | Rel-17 | B | IIoT | agreed |
| C3-213291 | Failure handling for traffic steering | Ericsson | 29.512 | 0792 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | revised |
| C3-213460 | Failure handling for traffic steering | Ericsson | 29.512 | 0792 | 1 | Rel-17 | F | 5GS\_Ph1-CT, TEI17 | revised |
| C3-213551 | Failure handling for traffic steering | Ericsson | 29.512 | 0792 | 2 | Rel-17 | F | 5GS\_Ph1-CT, TEI17 | agreed |
| C3-213302 | Wrong referenced SmPolicyDecision data type | ZTE | 29.512 | 0793 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-213519 | Wrong referenced SmPolicyDecision data type | ZTE | 29.512 | 0793 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-213303 | Wrong referenced SmPolicyDecision data type | ZTE | 29.512 | 0794 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-213520 | Wrong referenced SmPolicyDecision data type | ZTE | 29.512 | 0794 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-213304 | Wrong referenced SmPolicyDecision data type | ZTE | 29.512 | 0795 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-213521 | Wrong referenced SmPolicyDecision data type | ZTE | 29.512 | 0795 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-213472 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.512 | 0796 | - | Rel-16 | F | TEI16 | agreed |
| C3-213486 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.512 | 0797 | - | Rel-17 | F | TEI17 | agreed |
| C3-213563 | Updating the UDR upon usage report receipt | Nokia, Nokia Shanghai Bell | 29.512 | 0798 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-213048 | 5G ProSe related updates to PCC procedures | Huawei, CATT | 29.513 | 0258 | 2 | Rel-17 | B | 5G\_ProSe | revised |
| C3-213534 | 5G ProSe related updates to PCC procedures | Huawei, CATT | 29.513 | 0258 | 3 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-213129 | Support Time Sensitive Communication other than TSN | Huawei | 29.513 | 0265 | - | Rel-17 | B | IIoT | revised |
| C3-213336 | Support Time Sensitive Communication other than TSN | Huawei | 29.513 | 0265 | 1 | Rel-17 | B | IIoT | agreed |
| C3-213144 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.513 | 0266 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213348 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.513 | 0266 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213246 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | 29.513 | 0267 | - | Rel-15 | F | 5GS\_Ph1-CT | not pursued |
| C3-213247 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | 29.513 | 0268 | - | Rel-16 | A | 5GS\_Ph1-CT | not pursued |
| C3-213248 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | 29.513 | 0269 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-213562 | Correction of missing interaction for updating UDR data based on usage report | Nokia, Nokia Shanghai Bell | 29.513 | 0269 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-213249 | Updates of PCC procedures related to AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.513 | 0270 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213350 | Updates of PCC procedures related to AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon, Huawei | 29.513 | 0270 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213258 | Usage of Session Management Policy Data per PLMN in LBO | Nokia, Nokia Shanghai Bell | 29.513 | 0271 | - | Rel-17 | B | TEI17 | postponed |
| C3-213043 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.514 | 0293 | 2 | Rel-17 | B | MPS2 | revised |
| C3-213333 | 29.514 AF Session for control of MPS for DTS | Perspecta Labs, CISA ECD, AT&T, Verizon, Ericsson, T-Mobile USA | 29.514 | 0293 | 3 | Rel-17 | B | MPS2 | agreed |
| C3-213277 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | 29.514 | 0295 | 3 | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-213532 | Support of subscription to application detection notification for a PDU session | Ericsson, China Telecom | 29.514 | 0295 | 4 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-213128 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | 29.514 | 0296 | 2 | Rel-17 | B | IIoT | revised |
| C3-213335 | Support Time Sensitive Communication other than TSN | Huawei, Nokia, Nokia Shanghai Bell | 29.514 | 0296 | 3 | Rel-17 | B | IIoT | agreed |
| C3-213131 | Support survival time | Huawei, Nokia, Nokia Shanghai Bell, Ericsson | 29.514 | 0297 | 2 | Rel-17 | B | IIoT | revised |
| C3-213337 | Support survival time | Huawei, Nokia, Nokia Shanghai Bell, Ericsson | 29.514 | 0297 | 3 | Rel-17 | B | IIoT | agreed |
| C3-213114 | Correction on 404 Not Found | ZTE | 29.514 | 0300 | 1 | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-213522 | Correction on 404 Not Found | ZTE | 29.514 | 0300 | 2 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-213115 | Correction on 404 Not Found | ZTE | 29.514 | 0301 | 1 | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-213523 | Correction on 404 Not Found | ZTE | 29.514 | 0301 | 2 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-213116 | Correction on 404 Not Found | ZTE | 29.514 | 0302 | 1 | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-213524 | Correction on 404 Not Found | ZTE | 29.514 | 0302 | 2 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-213075 | Redirect responses with "application/json" media type | Ericsson | 29.514 | 0305 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213409 | Redirect responses with "application/json" media type | Ericsson | 29.514 | 0305 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213076 | Redirect responses with "application/json" media type | Ericsson | 29.514 | 0306 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213410 | Redirect responses with "application/json" media type | Ericsson | 29.514 | 0306 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213105 | Correcting the unit of periodicity | ZTE | 29.514 | 0307 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-213515 | Correcting the unit of periodicity | ZTE | 29.514 | 0307 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C3-213106 | Correcting the unit of periodicity | ZTE | 29.514 | 0308 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-213516 | Correcting the unit of periodicity | ZTE | 29.514 | 0308 | 1 | Rel-17 | A | Vertical\_LAN | agreed |
| C3-213108 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | 29.514 | 0309 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-213517 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | 29.514 | 0309 | 1 | Rel-17 | A | Vertical\_LAN, 5G\_URLLC | agreed |
| C3-213109 | Alignment of procedure name | ZTE | 29.514 | 0310 | - | Rel-16 | F | 5G\_URLLC | merged |
| C3-213110 | Alignment of procedure name | ZTE | 29.514 | 0311 | - | Rel-17 | A | 5G\_URLLC | merged |
| C3-213117 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | 29.514 | 0312 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-213518 | Removal of tsnBridgeInfo from EventsNotification data type | ZTE | 29.514 | 0312 | 1 | Rel-16 | F | Vertical\_LAN, 5G\_URLLC | agreed |
| C3-213135 | Support time domain | Huawei, Nokia, Nokia Shanghai Bell | 29.514 | 0313 | - | Rel-17 | B | IIoT | merged |
| C3-213143 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.514 | 0314 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213347 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.514 | 0314 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213158 | Application error | Huawei | 29.514 | 0315 | - | Rel-17 | B | TEI17 | revised |
| C3-213362 | Application error | Huawei | 29.514 | 0315 | 1 | Rel-17 | B | TEI17 | revised |
| C3-213549 | Application error | Huawei | 29.514 | 0315 | 2 | Rel-17 | B | TEI17 | agreed |
| C3-213124 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | 29.514 | 0316 | - | Rel-16 | F | eNA | revised |
| C3-213527 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | 29.514 | 0316 | 1 | Rel-16 | F | eNA | agreed |
| C3-213125 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | 29.514 | 0317 | - | Rel-17 | A | eNA | revised |
| C3-213528 | Adding NWDAF as the consumer of Npcf\_PolicyAuthorization service | China Telecom | 29.514 | 0317 | 1 | Rel-17 | A | eNA | agreed |
| C3-213166 | Termination cause for sporsored data connectivity | Huawei | 29.514 | 0318 | - | Rel-17 | B | TEI17 | merged |
| C3-213253 | Attribute and data type corrections | Ericsson | 29.514 | 0319 | - | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-213260 | Attribute and data type corrections | Ericsson | 29.514 | 0320 | - | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-213263 | Attribute and data type corrections | Ericsson | 29.514 | 0321 | - | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-213267 | Satellite backhaul change event | Ericsson | 29.514 | 0322 | - | Rel-17 | B | 5GSAT\_ARCH-CT | revised |
| C3-213341 | Satellite backhaul change event | Ericsson | 29.514 | 0322 | 1 | Rel-17 | B | 5GSAT\_ARCH-CT | agreed |
| C3-213282 | Completion of Termination Causes | Ericsson | 29.514 | 0323 | - | Rel-17 | F | DUMMY | revised |
| C3-213363 | Completion of Termination Causes | Ericsson, Huawei | 29.514 | 0323 | 1 | Rel-17 | F | DUMMY | agreed |
| C3-213289 | Support of TSCAI time domain | Ericsson | 29.514 | 0324 | - | Rel-17 | B | IIoT | revised |
| C3-213339 | Support of TSCAI time domain | Ericsson, Huawei, Nokia, Nokia Shanghai Bell | 29.514 | 0324 | 1 | Rel-17 | B | IIoT | agreed |
| C3-213292 | AF influence on traffic routing related events and errors report | Ericsson | 29.514 | 0325 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | revised |
| C3-213461 | AF influence on traffic routing related events and errors report | Ericsson | 29.514 | 0325 | 1 | Rel-17 | B | 5GS\_Ph1-CT, TEI17 | agreed |
| C3-213467 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | 29.514 | 0326 | - | Rel-16 | F | TEI16 | agreed |
| C3-213481 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | 29.514 | 0327 | - | Rel-17 | F | TEI17 | agreed |
| C3-213174 | Redirection responses | Huawei | 29.517 | 0041 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213422 | Redirection responses | Huawei | 29.517 | 0041 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213173 | Redirection responses | Huawei | 29.517 | 0042 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213421 | Redirection responses | Huawei | 29.517 | 0042 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213222 | Extensions to User Data Congestion Analytics | Ericsson | 29.517 | 0043 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213371 | Extensions to User Data Congestion Analytics | Ericsson | 29.517 | 0043 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213473 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.517 | 0044 | - | Rel-16 | F | TEI16 | agreed |
| C3-213487 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.517 | 0045 | - | Rel-17 | F | TEI17 | agreed |
| C3-213040 | Correction to OSD handling | Ericsson | 29.519 | 0252 | 3 | Rel-17 | B | 5GS\_Ph1-CT, TEI17 | agreed |
| C3-213049 | 5G ProSe related updates to Nudr | Huawei, CATT | 29.519 | 0253 | 2 | Rel-17 | B | 5G\_ProSe | revised |
| C3-213553 | 5G ProSe related updates to Nudr | Huawei, CATT | 29.519 | 0253 | 3 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-213230 | Support of User Plane Latency requirement | Huawei | 29.519 | 0254 | 2 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213038 | Policy Data Subscription enhancements. | Ericsson | 29.519 | 0255 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | postponed |
| C3-213232 | Support of EAS deployment information | Huawei | 29.519 | 0256 | - | Rel-17 | B | eEDGE\_5GC | postponed |
| C3-213250 | UDR application data update to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.519 | 0257 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213351 | UDR application data update to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.519 | 0257 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213259 | Session Management Policy Data per PLMN for LBO | Nokia, Nokia Shanghai Bell | 29.519 | 0258 | - | Rel-17 | B | TEI17 | postponed |
| C3-213493 | Update of TS version in externalDocs field | Huawei | 29.519 | 0259 | - | Rel-17 | F | TEI17 | agreed |
| C3-213030 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0268 | 3 | Rel-16 | F | eNA | agreed |
| C3-213031 | Adding missing description for partial failure operation | KDDI, Huawei | 29.520 | 0269 | 3 | Rel-17 | A | eNA | agreed |
| C3-213257 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei, Ericsson | 29.520 | 0270 | 3 | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213375 | Adding time when analytics needed and revised time to analytics subscriptions | Nokia, Nokia Shanghai Bell, Huawei, Ericsson | 29.520 | 0270 | 4 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213256 | Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure | Nokia, Nokia Shanghai Bell, Ericsson | 29.520 | 0294 | 1 | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213374 | Partitioning criteria for applying sampling in specific UE partitions in NWDAF event exposure | Nokia, Nokia Shanghai Bell, Ericsson | 29.520 | 0294 | 2 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213037 | Complete definition of the Nnwdaf\_MLModelProvision API | Huawei, China Mobile | 29.520 | 0295 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213366 | Complete definition of the Nnwdaf\_MLModelProvision API | Huawei, China Mobile | 29.520 | 0295 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213081 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.520 | 0296 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213415 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.520 | 0296 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213082 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.520 | 0297 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213416 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.520 | 0297 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213099 | analytics for a specific time | ZTE | 29.520 | 0298 | - | Rel-17 | F | TEI17, eNA | revised |
| C3-213400 | analytics for a specific time | ZTE | 29.520 | 0298 | 1 | Rel-17 | F | TEI17, eNA | agreed |
| C3-213171 | Service operations of Nnwdaf\_MLModelProvision service | Huawei, China Mobile | 29.520 | 0299 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213368 | Service operations of Nnwdaf\_MLModelProvision service | Huawei, China Mobile | 29.520 | 0299 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213172 | Service description of Nnwdaf\_MLModelProvision service | Huawei, China Mobile | 29.520 | 0300 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213369 | Service description of Nnwdaf\_MLModelProvision service | Huawei, China Mobile, Ericsson | 29.520 | 0300 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213221 | Extensions to User Data Congestion Analytics | Ericsson | 29.520 | 0301 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213370 | Extension to User Data Congestion Analytics with GPSI | Ericsson | 29.520 | 0301 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213270 | Correction of the description of the snssaia attribute | Nokia, Nokia Shanghai Bell | 29.520 | 0302 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213376 | Correction of the description of the snssaia attribute | Nokia, Nokia Shanghai Bell | 29.520 | 0302 | 1 | Rel-17 | F | eNA\_Ph2 | agreed |
| C3-213462 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | 29.520 | 0303 | - | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-213470 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | 29.520 | 0304 | - | Rel-16 | F | TEI16 | agreed |
| C3-213484 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | 29.520 | 0305 | - | Rel-17 | F | TEI17 | agreed |
| C3-213083 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.521 | 0106 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213417 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.521 | 0106 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213084 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.521 | 0107 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213418 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.521 | 0107 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213280 | Correction to ExtendedSamePcf feature | Ericsson | 29.521 | 0108 | - | Rel-16 | F | en5GPccSer | revised |
| C3-213560 | Correction to ExtendedSamePcf feature | Ericsson | 29.521 | 0108 | 1 | Rel-16 | F | en5GPccSer | agreed |
| C3-213281 | Correction to ExtendedSamePcf feature | Ericsson | 29.521 | 0109 | - | Rel-17 | A | en5GPccSer | revised |
| C3-213561 | Correction to ExtendedSamePcf feature | Ericsson | 29.521 | 0109 | 1 | Rel-17 | A | en5GPccSer | agreed |
| C3-213471 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | 29.521 | 0110 | - | Rel-16 | F | TEI16 | agreed |
| C3-213485 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | 29.521 | 0111 | - | Rel-17 | F | TEI17 | agreed |
| C3-213225 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | 29.522 | 0270 | 4 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | revised |
| C3-213449 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | 29.522 | 0270 | 5 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | agreed |
| C3-213229 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | 29.522 | 0271 | 4 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | revised |
| C3-213453 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | 29.522 | 0271 | 5 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | agreed |
| C3-213050 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei, CATT | 29.522 | 0325 | 2 | Rel-17 | B | 5G\_ProSe | revised |
| C3-213554 | 5G ProSe related updates to the Nnef\_ServiceParameter Service | Huawei, CATT | 29.522 | 0325 | 3 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-213165 | Support time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | 29.522 | 0326 | 2 | Rel-17 | B | IIoT | revised |
| C3-213331 | Support time Sensitive Communication | Huawei, Nokia, Nokia Shanghai Bell | 29.522 | 0326 | 3 | Rel-17 | B | IIoT | agreed |
| C3-213136 | The procedure of time synchronization exposure | Huawei, Nokia, Nokia Shanghai Bell | 29.522 | 0327 | 2 | Rel-17 | B | IIoT | revised |
| C3-213533 | The procedure of time synchronization exposure | Huawei, Nokia, Nokia Shanghai Bell | 29.522 | 0327 | 3 | Rel-17 | B | IIoT | agreed |
| C3-213137 | The resource and methods of time synchronization exposure | Huawei, Nokia, Nokia Shanghai Bell | 29.522 | 0328 | 2 | Rel-17 | B | IIoT | agreed |
| C3-213138 | The OpenAPI file of time synchronization exposure | Huawei | 29.522 | 0329 | 2 | Rel-17 | B | IIoT | agreed |
| C3-213032 | Adding description for partial failure operation of AnalyticsExposure API | KDDI, Huawei | 29.522 | 0340 | - | Rel-16 | F | eNA | agreed |
| C3-213033 | Adding description for partial failure operation of AnalyticsExposure API | KDDI, Huawei | 29.522 | 0341 | - | Rel-17 | A | eNA | agreed |
| C3-213054 | New Network slice status reporting events for the MonitoringEvent API | Huawei | 29.522 | 0342 | - | Rel-17 | B | eNS\_Ph2 | revised |
| C3-213428 | New Network slice status reporting events for the MonitoringEvent API | Huawei | 29.522 | 0342 | 1 | Rel-17 | B | eNS\_Ph2 | agreed |
| C3-213055 | Wrong attribute name in the OpenAPI file | Huawei | 29.522 | 0343 | - | Rel-16 | F | eV2XARC | agreed |
| C3-213056 | Wrong attribute name in the OpenAPI file | Huawei | 29.522 | 0344 | - | Rel-17 | A | eV2XARC | agreed |
| C3-213087 | Data type in 200 OK response to PATCH | Ericsson | 29.522 | 0345 | - | Rel-16 | F | eV2XARC | agreed |
| C3-213088 | Data type in 200 OK response to PATCH | Ericsson | 29.522 | 0346 | - | Rel-17 | A | eV2XARC | agreed |
| C3-213141 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.522 | 0347 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213345 | Support of Network Exposure to EAS via Local NEF | Huawei | 29.522 | 0347 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213186 | Update of notification destination for TrafficInfluence API | Huawei | 29.522 | 0348 | - | Rel-17 | F | TEI17 | agreed |
| C3-213189 | UAS NEF Northbound API | Qualcomm Incorporated | 29.522 | 0349 | - | Rel-17 | B | ID\_UAS | postponed |
| C3-213194 | Consistency for websocket in AnalyticsExposure | Ericsson | 29.522 | 0350 | - | Rel-17 | F | TEI17, eNA | revised |
| C3-213355 | Consistency for websocket in AnalyticsExposure | Ericsson, Huawei | 29.522 | 0350 | 1 | Rel-17 | A | eNA | agreed |
| C3-213203 | Support AM Influence service | Ericsson | 29.522 | 0351 | - | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-213204 | Support AM Policy Authorization service | Ericsson | 29.522 | 0352 | - | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-213205 | Resource, methods and data model for AM Policy Authorization service | Ericsson | 29.522 | 0353 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-213378 | Resource, methods and data model for AM Policy Authorization service | Ericsson | 29.522 | 0353 | 1 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-213206 | API definition of AM PolicyAuthorization service | Ericsson | 29.522 | 0354 | - | Rel-17 | B | TEI17\_DCAMP | revised |
| C3-213380 | API definition of AM PolicyAuthorization service | Ericsson | 29.522 | 0354 | 1 | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-213197 | eCAPIF support | Ericsson | 29.522 | 0355 | - | Rel-17 | B | TEI17, eCAPIF | agreed |
| C3-213227 | Non-selected BDT policy | Ericsson | 29.522 | 0356 | - | Rel-17 | F | TEI17, eNA | revised |
| C3-213451 | Non-selected BDT policy | Ericsson | 29.522 | 0356 | 1 | Rel-17 | F | TEI17, eNA | agreed |
| C3-213231 | Support of EAS deployment information | Huawei | 29.522 | 0357 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213349 | Support of EAS deployment information | Huawei | 29.522 | 0357 | 1 | Rel-17 | B | eEDGE\_5GC | postponed |
| C3-213261 | Correction of the cardinality of tempValidities | Nokia, Nokia Shanghai Bell | 29.522 | 0358 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-213269 | Updates of ServiceParameter Service to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.522 | 0359 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213353 | Updates of ServiceParameter Service to support AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.522 | 0359 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213356 | Consistency for websocket in AnalyticsExposure | Ericsson, Huawei | 29.522 | 0360 | - | Rel-16 | F | eNA | agreed |
| C3-213379 | Procedures for AM Policy Authorization service | Ericsson | 29.522 | 0361 | - | Rel-17 | B | TEI17\_DCAMP | agreed |
| C3-213476 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.522 | 0362 | - | Rel-16 | F | TEI16 | agreed |
| C3-213490 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.522 | 0363 | - | Rel-17 | F | TEI17 | agreed |
| C3-213255 | Partitioning criteria for applying sampling in specific UE partitions in PCF exposure | Nokia, Nokia Shanghai Bell, Ericsson | 29.523 | 0047 | 2 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213077 | Redirect responses with "application/json" media type | Ericsson | 29.523 | 0050 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213411 | Redirect responses with "application/json" media type | Ericsson | 29.523 | 0050 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213078 | Redirect responses with "application/json" media type | Ericsson | 29.523 | 0051 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213412 | Redirect responses with "application/json" media type | Ericsson | 29.523 | 0051 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213273 | Satellite backhaul change event | Ericsson | 29.523 | 0052 | - | Rel-17 | B | 5GSAT\_ARCH-CT | revised |
| C3-213342 | Satellite backhaul change event | Ericsson | 29.523 | 0052 | 1 | Rel-17 | B | 5GSAT\_ARCH-CT | agreed |
| C3-213293 | Correction to subscription filters | Ericsson | 29.523 | 0053 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-213468 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | 29.523 | 0054 | - | Rel-16 | F | TEI16 | agreed |
| C3-213482 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | 29.523 | 0055 | - | Rel-17 | F | TEI17 | agreed |
| C3-213051 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei, CATT | 29.525 | 0153 | 2 | Rel-17 | B | 5G\_ProSe | revised |
| C3-213555 | 5G ProSe related updates to the Npcf\_UEPolicyControl Service | Huawei, CATT | 29.525 | 0153 | 3 | Rel-17 | B | 5G\_ProSe | agreed |
| C3-213026 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.525 | 0156 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213405 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.525 | 0156 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213027 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.525 | 0157 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213406 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.525 | 0157 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213252 | Support of UE policy updates for AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.525 | 0158 | - | Rel-17 | B | eEDGE\_5GC | revised |
| C3-213352 | Support of UE policy updates for AF influence on URSP | Nokia, Nokia Shanghai Bell, Verizon | 29.525 | 0158 | 1 | Rel-17 | B | eEDGE\_5GC | agreed |
| C3-213465 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.525 | 0159 | - | Rel-16 | F | TEI16 | agreed |
| C3-213479 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.525 | 0160 | - | Rel-17 | F | TEI17 | agreed |
| C3-213085 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.535 | 0007 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-213364 | Redirect responses with "application/json" media type | Ericsson, China Mobile Com. Corporation | 29.535 | 0007 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-213283 | Optional header clarification | China Mobile Communications Group Co.,Ltd. | 29.535 | 0008 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-213365 | Optional header clarification | China Mobile Communications Group Co.,Ltd. | 29.535 | 0008 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-213491 | Update of OpenAPI version and TS version in externalDocs field | China Mobile | 29.535 | 0009 | - | Rel-17 | F | TEI17 | agreed |
| C3-213180 | 204 No Content during modification procedure on SS\_GroupManagement API | Huawei | 29.549 | 0022 | - | Rel-17 | F | TEI17 | revised |
| C3-213437 | 204 No Content during modification procedure on SS\_GroupManagement API | Huawei | 29.549 | 0022 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213181 | Support redirection for SEAL APIs | Huawei | 29.549 | 0023 | - | Rel-17 | F | TEI17 | revised |
| C3-213438 | Support redirection for SEAL APIs | Huawei | 29.549 | 0023 | 1 | Rel-17 | F | TEI17 | agreed |
| C3-213187 | Notification URI | Huawei | 29.549 | 0024 | - | Rel-16 | F | SEAL | agreed |
| C3-213188 | Notification URI | Huawei | 29.549 | 0025 | - | Rel-17 | A | SEAL | agreed |
| C3-213287 | 204 No Conent for resource modification in SS\_LocationReporting API | China Mobile Communications Group Co.,Ltd. | 29.549 | 0026 | - | Rel-17 | F | TEI17 | agreed |
| C3-213496 | Update of OpenAPI version and TS version in externalDocs field | Samsung | 29.549 | 0027 | - | Rel-17 | F | TEI17 | agreed |
| C3-213111 | Correction of request URI in 4.2.2.2 | ZTE | 29.551 | 0077 | - | Rel-15 | F | 5GS\_Ph1-CT | revised |
| C3-213507 | Correction of request URI in 4.2.2.2 | ZTE | 29.551 | 0077 | 1 | Rel-15 | F | 5GS\_Ph1-CT | agreed |
| C3-213112 | Correction of request URI in 4.2.2.2 | ZTE | 29.551 | 0078 | - | Rel-16 | A | 5GS\_Ph1-CT | revised |
| C3-213508 | Correction of request URI in 4.2.2.2 | ZTE | 29.551 | 0078 | 1 | Rel-16 | A | 5GS\_Ph1-CT | agreed |
| C3-213113 | Correction of request URI in 4.2.2.2 | ZTE | 29.551 | 0079 | - | Rel-17 | A | 5GS\_Ph1-CT | revised |
| C3-213509 | Correction of request URI in 4.2.2.2 | ZTE | 29.551 | 0079 | 1 | Rel-17 | A | 5GS\_Ph1-CT | agreed |
| C3-213308 | Temporary and Permanent Redirection | ZTE | 29.551 | 0080 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213425 | Temporary and Permanent Redirection | ZTE | 29.551 | 0080 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213309 | Temporary and Permanent Redirection | ZTE | 29.551 | 0081 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213426 | Temporary and Permanent Redirection | ZTE | 29.551 | 0081 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213475 | Update of OpenAPI version and TS version in externalDocs field | ZTE | 29.551 | 0082 | - | Rel-16 | F | TEI16 | agreed |
| C3-213489 | Update of OpenAPI version and TS version in externalDocs field | ZTE | 29.551 | 0083 | - | Rel-17 | F | TEI17 | agreed |
| C3-213079 | Redirect responses with "application/json" media type | Ericsson | 29.554 | 0067 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213413 | Redirect responses with "application/json" media type | Ericsson | 29.554 | 0067 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213080 | Redirect responses with "application/json" media type | Ericsson | 29.554 | 0068 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213414 | Redirect responses with "application/json" media type | Ericsson | 29.554 | 0068 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213469 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | 29.554 | 0069 | - | Rel-16 | F | TEI16 | agreed |
| C3-213483 | Update of OpenAPI version and TS version in externalDocs field | Ericsson | 29.554 | 0070 | - | Rel-17 | F | TEI17 | agreed |
| C3-213213 | Updates to support L2TP for CUPS | Ericsson | 29.561 | 0107 | 1 | Rel-17 | B | BEPoP | revised |
| C3-213310 | Updates to support L2TP for CUPS | Ericsson | 29.561 | 0107 | 2 | Rel-17 | B | BEPoP | revised |
| C3-213432 | Updates to support L2TP for CUPS | Ericsson | 29.561 | 0107 | 3 | Rel-17 | B | BEPoP | agreed |
| C3-213214 | Updates to support L2TP in RADIUS message flow | Ericsson | 29.561 | 0108 | 1 | Rel-17 | B | BEPoP | revised |
| C3-213433 | Updates to support L2TP in RADIUS message flow | Ericsson | 29.561 | 0108 | 2 | Rel-17 | B | BEPoP | agreed |
| C3-213215 | Updates to support L2TP in Diameter message flow | Ericsson | 29.561 | 0109 | 1 | Rel-17 | B | BEPoP | revised |
| C3-213434 | Updates to support L2TP in Diameter message flow | Ericsson | 29.561 | 0109 | 2 | Rel-17 | B | BEPoP | agreed |
| C3-213160 | Alignment of the DN authorizaiton data for the established PDU Session between the specificaitons of stage 2 and stage 3 | China Telecommunications | 29.561 | 0110 | - | Rel-17 | F | TEI17 | revised |
| C3-213440 | Correction to Framed Route information | China Telecommunications | 29.561 | 0110 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-213161 | Adding support for providing L2TP information through N6 interface | China Telecommunications | 29.561 | 0111 | - | Rel-17 | F | TEI17 | revised |
| C3-213441 | Adding support for providing L2TP information through N6 interface | China Telecommunications, Ericsson | 29.561 | 0111 | 1 | Rel-17 | B | BEPoP | agreed |
| C3-213199 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | 29.561 | 0112 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, 5WWC | revised |
| C3-213446 | Reporting UE local IP to RADIUS DN-AAA server | Ericsson | 29.561 | 0112 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, 5WWC | agreed |
| C3-213200 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | 29.561 | 0113 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, 5WWC | revised |
| C3-213447 | Reporting UE local IP to Diameter DN-AAA server | Ericsson | 29.561 | 0113 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT, 5WWC | agreed |
| C3-213201 | Reporting UPF ID to RADIUS DN-AAA server | Ericsson | 29.561 | 0114 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | postponed |
| C3-213202 | Reporting UPF ID to Diameter DN-AAA server | Ericsson | 29.561 | 0115 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | postponed |
| C3-213103 | Presence condition of eventsRepInfo attribute | ZTE | 29.591 | 0045 | - | Rel-16 | F | eNA | revised |
| C3-213525 | Presence condition of eventsRepInfo attribute | ZTE | 29.591 | 0045 | 1 | Rel-16 | F | eNA | agreed |
| C3-213104 | Presence condition of eventsRepInfo attribute | ZTE | 29.591 | 0046 | - | Rel-17 | A | eNA | revised |
| C3-213526 | Presence condition of eventsRepInfo attribute | ZTE | 29.591 | 0046 | 1 | Rel-17 | A | eNA | agreed |
| C3-213175 | Redirection responses | Huawei | 29.591 | 0047 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213423 | Redirection responses | Huawei | 29.591 | 0047 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213176 | Redirection responses | Huawei | 29.591 | 0048 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213424 | Redirection responses | Huawei | 29.591 | 0048 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213223 | Extensions to User Data Congestion Analytics | Ericsson | 29.591 | 0049 | - | Rel-17 | B | eNA\_Ph2 | revised |
| C3-213372 | Extensions to User Data Congestion Analytics | Ericsson | 29.591 | 0049 | 1 | Rel-17 | B | eNA\_Ph2 | agreed |
| C3-213474 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.591 | 0050 | - | Rel-16 | F | TEI16 | agreed |
| C3-213488 | Update of OpenAPI version and TS version in externalDocs field | Huawei | 29.591 | 0051 | - | Rel-17 | F | TEI17 | agreed |
| C3-213028 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.594 | 0091 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-213407 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.594 | 0091 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-213029 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.594 | 0092 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-213408 | Temporary and Permanent Redirection | Nokia, Nokia Shanghai Bell | 29.594 | 0092 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-213466 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.594 | 0093 | - | Rel-16 | F | TEI16 | agreed |
| C3-213480 | Update of OpenAPI version and TS version in externalDocs field | Nokia, Nokia Shanghai Bell | 29.594 | 0094 | - | Rel-17 | F | TEI17 | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| C3-213035 | S2-2103217 | LS Reply on NSI ID on N7 interface | SA2 | postponed | (none) |
| C3-213036 | S2-2103235 | LS Response on the input parameters of the LCS subscription request from an AF via NEF | SA2 | postponed | (none) |
| C3-213312 | S4-210632 | LS on work split for MBSF and MBSTF definition | SA4 | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| C3-213359 | LS on AM Influence requests for multiple applications | SA2 | - |  |
| C3-213457 | LS on Clarifications to the operation of network slice status reporting | SA2 | CT4 |  |
| C3-213546 | LS on Clarifications on the offline charging only indication | SA2, SA5 | - |  |
| C3-213552 | LS on Nnef\_AMPolicyAuthorization input parameters | SA2 | - |  |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| C3-213357 | New WID on Rel-17 Enhancements of 3GPP Northbound Interfaces and Application Layer APIs | Huawei | WID new |
| C3-213207 | Revised WID on CT aspects on Dynamic management of group-based event monitoring | Ericsson | WID revised |
| C3-213323 | Revised WID on CT aspects for enabling Edge Applications | Samsung Electronics Iberia SA | WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| C3-213328 | 29.558 | 0.4.0 | TS 29.558 v0.4.0 |
| C3-213498 | 29.534 | 0.2.0 | TS 29.534 v0.2.0 |
| C3-213499 | 29.552 | 0.2.0 | TS 29.552 v0.2.0 |

## 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) |
| AL-BAKRI, Ban | DOCOMO Communications Lab. | 3GPPMEMBER (ETSI) |
| ANTSEV, Boris | T-Mobile USA Inc. | 3GPPMEMBER (ATIS) |
| ASKERUP, Anders | Hewlett-Packard Enterprise | 3GPPMEMBER (ETSI) |
| ATARIUS, Roozbeh | Motorola Mobility France S.A.S | 3GPPMEMBER (ETSI) |
| AXELL, Jörgen | Ericsson-LG Co., LTD | 3GPPMEMBER (TTA) |
| BAO, Chenxi | CATT | 3GPPMEMBER (CCSA) |
| BIONDIC, Nevenka | Ericsson GmbH, Eurolab | 3GPPMEMBER (ETSI) |
| BRINKMANN, Horst | Nokia Italy | 3GPPMEMBER (ETSI) |
| BROSZEIT, Marco | Vodafone España SA | 3GPPMEMBER (ETSI) |
| CHAMPEL, Mary-Luc | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| DAWES, Peter | Vodafone Telekomünikasyon A.S. | 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) |
| GÖRMER, Gerald | Matrixx | 3GPPMEMBER (ETSI) |
| GUPTA, Varini | Samsung Electronics Co., Ltd | 3GPPMEMBER (TTA) |
| HARADA, SHO | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| 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) |
| LANDAIS, Bruno | Nokia Poland | 3GPPMEMBER (ETSI) |
| LAVASANI, Shahab | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| LEE, Jay | Verizon UK Ltd | 3GPPMEMBER (ETSI) |
| LEE, Sangwon | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| LEI, Yu | Xiaomi Communications | 3GPPMEMBER (CCSA) |
| LI, Mingxue | China Telecommunications | 3GPPMEMBER (ETSI) |
| LI, Zhijun | ZTE Photonics | 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 Ireland 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) |
| MORAND, Lionel | Orange | 3GPPMEMBER (ETSI) |
| PAPAGEORGIOU, Apostolos | Nokia Germany | 3GPPMEMBER (ETSI) |
| PARK, Sang Min | LG Electronics Inc. | 3GPPMEMBER (TTA) |
| QI, Caixia | Huawei Tech.(UK) Co.. Ltd | 3GPPMEMBER (ETSI) |
| SAHIN, Yildirim | Charter Communications, Inc | 3GPPMEMBER (ATIS) |
| SEDLACEK, Ivo | Ericsson France S.A.S | 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) |
| SONG, Yue | China Mobile Com. Corporation | 3GPPMEMBER (CCSA) |
| 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) |
| TAKUYA, Tsutsumi | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| TANGUDU, Narendranath Durga | Samsung Electronics Iberia SA | 3GPPMEMBER (ETSI) |
| TSANG, Yolanda | ASTRI | 3GPPMEMBER (ETSI) |
| WANG, Dan | IPLOOK | 3GPPMEMBER (CCSA) |
| WANG, Menghan | Jetflow | 3GPPMEMBER (CCSA) |
| WASS, Mikael | Ericsson Limited | 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 | ZXNE | 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 (CCSA) |
| YOSHIMURA, KANAE | Oki Electric Industry Co. Ltd. | 3GPPMEMBER (TTC) |
| ZHAO, Shuai | Tencent | 3GPPMEMBER (CCSA) |
| ZHOU, Xiaoyun | Huawei Technologies (Korea) | 3GPPMEMBER (TTA) |
| ZHOU, Xingyue | ZTE Wistron Telecom AB | 3GPPMEMBER (ETSI) |
| ZIA, Waqar | Qualcomm Technologies Int | 3GPPMEMBER (ETSI) |

## Annex I: List of future meetings