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

**Meeting Report  
for  
TSG CT WG3  
meeting: 113e**

**e-meeting, e-meeting, 2021-01-25 to 2021-01-29**

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## 1 Opening of the meeting

## 2 Agenda/Schedule

**C3-210014 Way of Working for CT3#113e Electronic Meeting**

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

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

### 2.1 Approval of the agenda

**C3-210000 Draft Agenda for the CT3#113 e-Meeting**

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

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

### 2.2 Proposed Schedule

**C3-210001 INFO Proposed Schedule for CT3#113e**

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

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

## 3 Registration of documents

**C3-210002 Allocation of documents to agenda items (at Deadline)**

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

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

**C3-210003 Allocation of documents to agenda items (Start of Day 1)**

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

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

**C3-210004 Allocation of documents to agenda items (Start of Day 2)**

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

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

**C3-210005 Allocation of documents to agenda items (Start of Day 3)**

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

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

**C3-210006 Allocation of documents to agenda items (Start of Day 4)**

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

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

**C3-210007 Allocation of documents to agenda items (Start of Day 5)**

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

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

**C3-210008 Allocation of documents to agenda items (End of Day 5)**

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

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

## 4 Reports

### 4.1 Report from previous CT3 meeting

**C3-210011 Minutes of CT3#112e**

*Type: report For: Approval  
 Source: MCC*

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

### 4.2 Report from previous CT plenary

**C3-210010 Summary of CT#90e related to CT3**

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

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

### 4.3 Reports from other groups

## 5 Items for immediate consideration

### 5.1 IPR disclosures

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

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

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

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

### 5.2 Antitrust declarations

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

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

### 5.4 Other items for immediate consideration

Delegates were reminded of the fair network use rules established by the PCG:

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

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

## 6 Received Liaison Statements

**C3-210016 LS on stage 3 aspects for Reliable Data Service Serialization Indication**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to TSG SA, TSG CT, SA WG2, cc CT WG3  
 Source: CT1*

**Discussion:**

CT1 has agreed the RDSSI WID in Rel-17 to implement the Reliable Data Service Serialization Indication feature in stage 3, whereas the corresponding stage 2 requirements are in Rel-16.

Action proposed by Chair:

Aligned with CT3 handling of the corresponding agreed CRs. CT3 is copied and no specific action is required. Note the LS.

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

**C3-210017 LS on Network Configuration Parameters Consistent Handling in UDM**

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

**Discussion:**

When implementing Stage 3 specification, CT4 has observed the network configuration parameters handling in UDM are not consistent in different procedures.

According to stage 2 descriptions, it is required that the UDM shall aggregate Network Configuration Parameters and map them to UE Subscribed parameters (e.g. map Maximum Latency to Subscribed periodic registration timer) when the parameters are provisioned via Nudm EE API, and it is also required that the UDM shall pass the network configuration parameters to AMF as AMF-Associated data when the parameters are provisioned via Nudm PP API.

CT4 considers the stated inconsistence conflicts with the design of APIs, as AFs are allowed to provision network configuration parameters either by Nudm PP API or Nudm EE API (network configuration parameter via Nudm EE API is actually kept as backward compatible compromise of the Nudm PP API), the UDM handling of Network Configuration Parameters from the AFs shall be consistent regardless which API is used. CT4 also considered that it is a beneficial on network architecture to enforce the UDM as the single point of Network Configuration Parameters aggregation and application to AMF/SMF related subscribed parameters, to avoid inconsistent behavior among AMFs cross vendors / PLMNs.

CT4 has agreed a CR on TS 29.503, which specify the consistent behavior of UDM handling of Network configuration parameters based on above considerations.

CT4 kindly asks SA2 to take the above information into account and possibly resolve the inconsistence in Stage 2 requirement to align with CT4 agreement.

Action proposed by Chair:

No impacts for CT3. The LS can be NOTED.

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

**C3-210018 LS on UTRAN UE capabilities from CN to Gnb**

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

**Discussion:**

UTRA capabilities include information that changes every time the UE connects to UTRA, some of which concern START values.

To avoid START values de-synchronization and the key replay, RAN2 agreed that

o The gNB does not upload the UE UTRA-FDD capabilities to the AMF;

o Prior to initiating mobility the gNB always retrieves the latest capabilities from the UE. I.e. would not use UTRA capabilities received from CN, if provided.

RAN2 would like to know if

o For the manufacturer assigned case, the UE capability ID is intended to cover UTRA capabilities; also,

o CN may provide UTRA capabilities to gNB.

Action proposed by Chair:

CT3 is not impacted. The LS can be noted.

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

**C3-210019 LS Response on Support of L2TP in PFCP**

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

**Discussion:**

SA2 thanks CT4 for the LS on Support of L2TP in PFCP.

SA2 concurs with CT4 that it would be beneficial to be able to provide L2TP related information from SMF to UPF, allowing the UPF to setup L2TP tunnels to third party server.

SA2 has the understanding the support of L2TP requires more comprehensive study, e.g. enhancement on PDU Session Management procedure. These aspects will be studied by SA2.

SA2 therefore agrees with CT4 to study aspects related to N4 interface for L2TP support, and requests CT4 to come back to SA2 for feedback before reaching conclusion.

Action proposed by Chair:

CT3 is not impacted at this stage. Possible impacts based on SA2/CT4/SA3 conclusions. The LS can be noted.

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

**C3-210020 LS on Support of Dual Connectivity end to end Redundant User Plane Paths**

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

**Discussion:**

SA2 provides the following answers:

Q1: Is the policy provided by the PCF an explicit indication of whether a redundant PDU Session is allowed or forbidden? Or is it an implicit indication based on the combination of other policies delivered for the PDU session and/or the PCC rules?

Answer to Q1: The PCF provides an explicit indication on whether the PDU Session is handled as redundant PDU Session. The SMF uses the indication from the PCF, if dynamic PCC is used for the PDU Session. The SMF takes a local policy decision if dynamic PCC is not used for the PDU Session. CR 2408 to 23.501 is attached to clarify both scenarios. CR to 23.503 0483 defines the scenario where dynamic PCC is used for the PDU Session, where the PCF provide PDU Session policy control information to the SMF to indicate that the PDU session is a redundant PDU Session.

Q2: If it is an implicit indication, which combination of PDU session and/or PCC rules policies indicate to the SMF that the redundant PDU session policy is to be applied?

Answer to Q2: The PCF provides an explicit indication that request the SMF to handle the PDU Session as redundant PDU Session as described in the Answer to Q1.

Q3: Is it a correct understanding that the redundant PDU session policy cannot change during the PDU session lifetime?

Answer to Q3: Yes, this is correct understanding.

Action proposed by Chair:

The LS requires discussion and if accepted, CT3 needs to agree on the corresponding CRs.

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

**C3-210021 LS on Use of Inclusive Language in 3GPP**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to SA WG1, SA WG2, SA WG3, SA WG4, SA WG5, SA WG6, RAN WG1, RAN WG2, RAN WG3, RAN WG4, RAN WG5, CT WG1, CT WG3, CT WG4, CT WG6, cc TSG RAN, TSG CT  
 Source: SA*

**Discussion:**

SA asks WGs to take the following actions:

1) Strictly avoid the use of non-inclusive terms in all-new 3GPP documents (including TS, TR, SID, WID, LS).

2) Replace the non-inclusive terms used in all relevant 3GPP specifications per the updated 3GPP drafting rules.

3) WG Chairs are requested to follow the following process for non-inclusive term replacement in the existing 3GPP specifications:

a. The changes shall be applied to 3GPP Technical Specifications and 3GPP Technical Reports.

b. The changes shall in a first step be applied from Rel-17 onwards.

c. The changes shall only be done if they are of a purely editorial nature and do not lead to any backward incompatibility. These CRs should not include any further editorial changes.

d. WG chairs shall request rapporteurs and MCC to check their specs as to whether the non-inclusive terminology is used therein.

e. The MCC of a WG together with the specification rapporteurs should come up with related CRs to the affected specifications. The CRs should be issued under TEI17 and the CR title should start with “Inclusive language review”. If terms are used in multiple specifications (possibly in different working groups), then the related rapporteurs and MCCs should coordinate to align the replacement terms.

4) Related CRs against already existing Rel-17 specifications should be submitted for approval at plenary (after WG agreement) in separate CR packs at the March 2021 TSGs meetings, except where coordination with external organizations is required.

5) Rel-17 specifications which are created after March 2021 should be updated per the updated 3GPP drafting rules at their creation in separate CR packs.

Action proposed by Chair:

CT3 is following these instructions as per C3-210015. To be checked in Agenda Item 17.12.

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

**C3-210325 Reply to LS on APIs in EDGEAPP**

*Type: LS in For: discussion  
 Original outgoing LS: -, to CT WG3, CT WG1, cc CT WG4, CT, SA  
 Source: SA6*

**Discussion:**

SA6 discussed modelling the EDGEAPP service APIs as unified APIs with multiple consumers e.g. both, EEC in the UE and the EAS in the EDN.

The main intention behind having the unified service is to allow reuse of APIs by different clients regardless of where a client is initiating the API request from; as long as it (i.e. unified service) doesn’t introduce unnecessary complexities such as future extensibility issues. SA6 debated on the advantages and disadvantages of the approach and concluded that CT groups are better suited to evaluate the benefits and make an educated decision.

Therefore, SA6 has decided not to model the APIs where EEC along with EAS or EES are potential consumers as unified services in stage-2 TS. If required, CT groups can take a decision on unified services based on detailed analysis as part of the stage 3 API specification work.

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

### 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]

**C3-210057 Interworking scenario support**

*Type: CR For: Agreement  
 29.561 v16.6.0 CR-0075 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210059 Correction to the access network information report**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0646 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210426**.

**C3-210426 Correction to the access network information report**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0646 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210059)

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

**C3-210060 Correction to the access network information report**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0647 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210427**.

**C3-210427 Correction to the access network information report**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0647 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210060)

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

**C3-210061 Further correction to PolicyDecisionErrorHandling feature**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0648 Cat: F (Rel-16)  
  
 Source: Huawei*

**Discussion:**

Ericsson: My reading of the change proposed by this CR is that the list of examples when the PolicyDecisionErrorHandling applies is extended.

If this understanding is correct, the CR should not be considered FASMO, and should be morved/merged with another TEI17 CR.

Huawei: Following is the existing text:

If the "PolicyDecisionErrorHandling" feature is supported and one or more policy decisions and/or condition datas which are not referred by any PCC rules or session rule is provisioned using the procedure as defined in subclauses 4.2.2.1, 4.2.3.1 or 4.2.4.1 but the storage was unsuccessful (e.g. the policy decision could not be successfully stored due to a limitation of resources at the SMF),

It can be understood that error only occurs when the data is being provisioned. The case that data is already stored successfully but later the error occurs. Our proposal addresses the 2nd case.

Ericsson: I’m confused. Reading the text again I think I don’t agree with the CR

In the coversheet, it says:

There are two cases where the storage of the policy decisions and/or condition datas which are not referred by any PCC rules or session rule was failure:

When the policy decisions and/or condition datas are provisioned.

When all the PCC rules and/or session rules referring to the policy decision and/or condition data were removed.

When does step 2 happen?

Is it expected the SMF notifies about the removal of the decision/condition data with the error?

If it is so, we discussed this topic in this meeting in 267 and we agreed the SMF would not take any initiative. Or?

Huawei: We can agree that the PCF may remove the policy decisions and/or condition data when the PCF determine that policy decisions and/or condition data will be re-used. But it still possible that policy decisions and/or condition data are kept at the SMF. After that, the SMF can remove them and report the error to the PCF.

Ericsson: I don’t agree with:

 After that, the SMF can remove them and report the error to the PCF

And I want to understand why you want it:

- What makes the SMF makes the decision to remove this decision/condition data? And why this decision cannot be made by the PCF?

Huawei: Currently some PCFs don’t remove the policy decision data because 29.512 allow this . In order to save the resource at the SMF, the SMF may limit the max number of policy decision data per PDU session. When the number of the policy decision data reaches the max number, the SMF will remove the policy decision.

Ericsson:

“In order to save the resource at the SMF, the SMF may limit the max number of policy decision data per PDU session. When the number of the policy decision data reaches the max number, the SMF will remove the policy decision”

It is implementation specific and out the scope of the specifications

On the other hand, PCF could also limit the number of policy decisions delivered and stop sending new ones or start removing already delivered ones. Again, implementation specific.

Huawei: We can’t assume that SMF can always keep the policy decision data as we can’t assume that SMF always keep the PCC rule.

We allow the PCF to keep the policy decision data in Rel-15. Why do we need to mandate the PCF to remove it now? It is also implementation specific

Ericsson: In Rel-15 it was defined both:

- that the PCF could decide to keep the decision data (not referred by any rule) in the SMF; and

- that the decision to delete the decision data (not referred by any rule) is made by the PCF.

This definition remains in Rel-16: nothing else has been specified in Rel-16 (so far) that allows the SMF to decide the deletion of decision data.

If experience is showing that there are PCF implementations that create problems because the provisioned and unreferenced decision data is increasingly growing, then, in my view, the text that says “The PCF may keep a policy decision data valid when removes all the rules referring to that decision data” needs to be improved to be more specific so that the problems are solved.

I believe any other solution based on SMF overcomplicates the possible solution.

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

**C3-210062 Further correction to PolicyDecisionErrorHandling feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0649 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210148 Correction to multiple access type conditioned session rules**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0667 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210419**.

**C3-210419 Correction to multiple access type conditioned session rules**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0667 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-210148)

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

**C3-210149 Correction to multiple access type conditioned session rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0668 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210420**.

**C3-210420 Correction to multiple access type conditioned session rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0668 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-210149)

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

**C3-210150 Correction to QOS\_DEC\_ERR and CH\_DEC\_ERR**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0669 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-210151 Correction to QOS\_DEC\_ERR and CH\_DEC\_ERR**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0670 Cat: A (Rel-17)  
  
 Source: ZTE*

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

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

**C3-210144 Correction to anyUeInd attribute**

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

**Discussion:**

Huawei: C3-210144 is not FASMO CR, we are fine to remove the NOTE only from Rel-17 (C3-210145).

ZTE: I'm told before that NOTE in table is normative. According to NOTE1, anyUeInd attribute is not applicable to both trusted AF and untrusted AF, therefore it will not be present in anycase. To avoid the mis-implementation of anyUeInd, we prefer to correct it from Rel-16.

NOTE 1: For untrusted AF, only gpsis and exterGroupIds are applicable. For trusted AF, only supis and interGroupIds are applicable.

Nokia: I think it is better to just change NOTE 1 to:

"For untrusted AF, only gpsis, anyUeInd, and exterGroupIds are applicable. For trusted AF, only supis, anyUeInd, and interGroupIds are applicable"

…because otherwise NOTE 1 and NOTE 2 are in themselves still inconsistent because anyUeInd is also "an attribute identifying the target UE".

I think it is ok to apply to Rel-16 as well.

ZTE to Nokia: The revisions 0144\_r1 and 0145\_r1 with your proposed changes are uploaded.

Nokia is fine with r1. If ZTE happens to make another revision, please add a comma after the words “gpsis” and “supis” in NOTE 1.

Huawei: after internal check, I am fine to simply remove NOTE 1 for anyUeId to avoid misunderstanding for implementation from Rel-16.

Huawei to Nokia: I am fine to clarify it from Rel-16, but would prefer to keep the CR as it is since the solution is more simple and clean.

Nokia to Huawei: But isn’t NOTE 1 actually wrong/inaccurate as it is written now?

It says, for example, “only gpsi and exterGroupIds are applicable” for a case where anyUeInd is also applicable.

Huawei to Nokia: I agree with you, NOTE 1 is incorrect if applicable to anyUeId, hence, I am fine to remove it as the CR propose to. For anyUeId, since it can be provided regardless of untrusted or trusted AF.

Nokia: both solutions ok for me then.

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

**C3-210145 Correction to anyUeInd attribute**

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

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

**C3-210180 Alignment of BDT policy re-negotiation**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0230 Cat: F (Rel-16)  
  
 Source: Ericsson, Huawei*

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

**C3-210181 Alignment of BDT policy re-negotiation**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0231 Cat: A (Rel-17)  
  
 Source: Ericsson, Huawei*

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

**C3-210250 Correction to S-NSSAI applicability**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0252 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210417**.

**C3-210417 Correction to S-NSSAI applicability**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0252 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, Huawei*

(Replaces C3-210250)

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

**C3-210251 Correction to S-NSSAI applicability**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0253 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210418**.

**C3-210418 Correction to S-NSSAI applicability**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0253 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-210251)

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

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

CT3 agrees that there is no requirement for NB APIs to support 3gpp headers. CT3 is still supportive to allow external applications to support 3xx HTTP status codes with a different feature treatment. Impacts for NB APIs that do not interact with NEF will be accepted in Release 17.

**C3-210064 Support of stateless NFs**

*Type: CR For: Agreement  
 29.507 v16.6.0 CR-0151 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210348**.

**C3-210348 Support of stateless NFs**

*Type: CR For: Agreement  
 29.507 v16.6.0 CR-0151 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210064)

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

**C3-210065 Support of stateless NFs**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0152 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210349**.

**C3-210349 Support of stateless NFs**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0152 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210065)

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

**C3-210066 Support of stateless NFs**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0114 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210350**.

**C3-210350 Support of stateless NFs**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0114 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210066)

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

**C3-210067 Support of stateless NFs**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0115 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210351**.

**C3-210351 Support of stateless NFs**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0115 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210067)

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

**C3-210068 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0650 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210352**.

**C3-210352 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0650 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210068)

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

**C3-210069 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0651 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210353**.

**C3-210353 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0651 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210069)

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

**C3-210070 Support of stateless NFs**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0247 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210354**.

**C3-210354 Support of stateless NFs**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0247 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210070)

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

**C3-210071 Support of stateless NFs**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0248 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210355**.

**C3-210355 Support of stateless NFs**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0248 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210071)

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

**C3-210072 Support of stateless NFs**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0094 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210356**.

**C3-210356 Support of stateless NFs**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0094 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210072)

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

**C3-210073 Support of stateless NFs**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0138 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210357**.

**C3-210357 Support of stateless NFs**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0138 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210073)

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

**C3-210074 Support of stateless NFs**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0139 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210358**.

**C3-210358 Support of stateless NFs**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0139 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210074)

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

**C3-210075 Support of stateless NFs**

*Type: CR For: Agreement  
 29.551 v16.6.0 CR-0057 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210359**.

**C3-210359 Support of stateless NFs**

*Type: CR For: Agreement  
 29.551 v16.6.0 CR-0057 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210075)

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

**C3-210076 Support of stateless NFs**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0058 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210421**.

**C3-210421 Support of stateless NFs**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0058 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210076)

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

**C3-210077 Support of stateless NFs**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0070 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210360**.

**C3-210360 Support of stateless NFs**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0070 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210077)

**Decision:** The document was **revised to C3-210422**.

**C3-210422 Support of stateless NFs**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0070 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210360)

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

**C3-210078 Supported feature number of ES3XX**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0058 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210163 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0674 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210432**.

**C3-210432 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0674 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210163)

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

**C3-210172 Support Stateless NFs**

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

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

**C3-210173 Support Stateless NFs**

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

**Decision:** The document was **revised to C3-210365**.

**C3-210365 Support Stateless NFs**

*Type: CR For: Agreement  
 29.517 v17.0.0 CR-0031 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210173)

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

**C3-210174 Support Stateless NFs**

*Type: CR For: Agreement  
 29.591 v16.3.0 CR-0031 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210175 Support Stateless NFs**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0032 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210177 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0675 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210433**.

**C3-210433 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0675 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210177)

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

**C3-210183 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0278 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210434**.

**C3-210434 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0278 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210183)

**Decision:** The document was **revised to C3-210436**.

**C3-210436 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0278 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210434)

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

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

**C3-210146 Correction to repPolicyCtrlReqTrigger attribute**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0665 Cat: F (Rel-16)  
  
 Source: ZTE*

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

**C3-210147 Correction to repPolicyCtrlReqTrigger attribute**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0666 Cat: A (Rel-17)  
  
 Source: ZTE*

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

**C3-210159 Correction to access type conditioned session rule**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0672 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210330**.

**C3-210330 Correction to access type conditioned session rule**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0672 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210159)

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

**C3-210160 Correction to access type conditioned session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0673 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210331**.

**C3-210331 Correction to access type conditioned session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0673 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210160)

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

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

**C3-210079 Corretion to the Group Id update**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0652 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210332**.

**C3-210332 Corretion to the Group Id update**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0652 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210079)

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

**C3-210080 Corretion to the Group Id update**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0653 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210333**.

**C3-210333 Corretion to the Group Id update**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0653 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210080)

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

**C3-210189 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0677 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210334**.

**C3-210334 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0677 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210189)

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

**C3-210190 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0678 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210335**.

**C3-210335 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0678 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210190)

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

**C3-210191 Correction to TSN scenarios.**

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

**Decision:** The document was **revised to C3-210336**.

**C3-210336 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0279 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210191)

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

**C3-210192 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0232 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210337**.

**C3-210337 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0232 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210192)

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

**C3-210194 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0233 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210338**.

**C3-210338 Correction to TSN scenarios.**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0233 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210194)

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

**C3-210231 Correction to mtcProviderId in 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0264 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210367**.

**C3-210367 Correction to mtcProviderId in 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0264 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210231)

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

**C3-210232 Correction to mtcProviderId in 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0265 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210368**.

**C3-210368 Correction to mtcProviderId in 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0265 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210232)

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

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

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

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

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

**C3-210233 Correction to mtcProviderId in LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0266 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210369**.

**C3-210369 Correction to mtcProviderId in LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0266 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210233)

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

**C3-210234 Correction to mtcProviderId in LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0267 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210370**.

**C3-210370 Correction to mtcProviderId in LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0267 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210234)

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

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

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

**C3-210081 PCC control for DDD status and availability after DDN fai**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0654 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210339**.

**C3-210339 PCC control for DDD status and availability after DDN failure events**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0654 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210081)

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

**C3-210082 PCC control for DDD status and availability after DDN fai**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0655 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210340**.

**C3-210340 PCC control for DDD status and availability after DDN failure events**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0655 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210082)

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

**C3-210252 Correction to AF ID in ECRControl API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0343 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-210253 Correction to AF ID in ECRControl API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0344 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

**C3-210254 Correction to mtcProviderId in ECRControl API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0345 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-210255 Correction to mtcProviderId in ECRControl API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0346 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

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

**C3-210045 Correct presence condition in ACS provisioning procedure**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0237 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-210046 Correct presence condition in ACS provisioning procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0238 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

**C3-210108 Correction to supported Policy Control Request triggers in wireline access**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0661 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210341**.

**C3-210341 Correction to supported Policy Control Request triggers in wireline access**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0661 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210108)

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

**C3-210109 Correction to supported Policy Control Request triggers in wireline access**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0662 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210342**.

**C3-210342 Correction to supported Policy Control Request triggers in wireline access**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0662 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210109)

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

**C3-210110 Correction to AM Policy Control for Wireline and Wireless Convergence feature**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0221 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210343**.

**C3-210343 Correction to AM Policy Control for Wireline and Wireless Convergence feature**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0221 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210110)

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

**C3-210111 Correction to AM Policy Control for Wireline and Wireless Convergence feature**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0222 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210344**.

**C3-210344 Correction to AM Policy Control for Wireline and Wireless Convergence feature**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0222 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210111)

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

**C3-210112 Correction to location information**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0276 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210345**.

**C3-210345 Correction to location information**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0276 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210112)

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

**C3-210113 Correction to Framed Routing feature**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0095 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-210114 Correction to Wireline Access information**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0071 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210346**.

**C3-210346 Correction to Wireline Access information**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0071 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210114)

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

### 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]

**C3-210195 Storage of YAML files in ETSI Forge**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0249 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**C3-210196 Storage of YAML files in ETSI Forge**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0250 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

**C3-210197 Storage of YAML files in ETSI Forge**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0096 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

### 16.18 CT aspects of eV2XARC [eV2XARC]

**C3-210047 Correct AlternativeQoS\_5G description**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0239 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210393**.

**C3-210393 Correct AlternativeQoS\_5G description**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0239 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210047)

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

**C3-210048 Correct AlternativeQoS\_5G description**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0240 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210394**.

**C3-210394 Correct AlternativeQoS\_5G description**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0240 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210048)

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

**C3-210049 Correct applied QoS reference for QoS not guaranteed**

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

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

**C3-210050 Correct applied QoS reference for QoS not guaranteed**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0327 Cat: A (Rel-17)  
  
 Source: Ericsson*

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

**C3-210051 Correct service parameter provisioning procedure**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0241 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210380**.

**C3-210380 Correct service parameter provisioning procedure**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0241 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210051)

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

**C3-210052 Correct service parameter provisioning procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0242 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210381**.

**C3-210381 Correct service parameter provisioning procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0242 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210052)

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

**C3-210083 Correction to alternative QoS paramter report**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0243 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210378**.

**C3-210378 Correction to alternative QoS paramter report**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0243 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Ericsson*

(Replaces C3-210083)

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

**C3-210084 Correction to alternative QoS paramter report**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0244 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210379**.

**C3-210379 Correction to alternative QoS paramter report**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0244 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-210084)

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

**C3-210085 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0330 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210382**.

**C3-210382 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0330 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210085)

**Decision:** The document was **revised to C3-210430**.

**C3-210430 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0330 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210382)

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

**C3-210086 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0331 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210383**.

**C3-210383 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0331 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210086)

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

**C3-210087 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0245 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210384**.

**C3-210384 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0245 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210087)

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

**C3-210088 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0246 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210385**.

**C3-210385 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0246 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210088)

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

**C3-210089 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0656 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210398**.

**C3-210398 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0656 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210089)

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

**C3-210090 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0657 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210399**.

**C3-210399 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0657 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210090)

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

**C3-210091 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0275 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210400**.

**C3-210400 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0275 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210091)

**Decision:** The document was **revised to C3-210435**.

**C3-210435 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0275 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210400)

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

**C3-210140 Correction to N2 PC5 policy**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0140 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210401**.

**C3-210401 Correction to N2 PC5 policy**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0140 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-210140)

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

**C3-210141 Correction to N2 PC5 policy**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0141 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210402**.

**C3-210402 Correction to N2 PC5 policy**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0141 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-210141)

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

**C3-210142 Correction to N2 PC5 policy provision procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0225 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210403**.

**C3-210403 Correction to N2 PC5 policy provision procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0225 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-210142)

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

**C3-210143 Correction to N2 PC5 policy provision procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0226 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210404**.

**C3-210404 Correction to N2 PC5 policy provision procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0226 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-210143)

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

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

**C3-210092 Policy control for Redundant PDU Session**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0658 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210093 Policy control for Redundant PDU Session**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0659 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210094 Procedure of QoS monitoring report during the PDU session termination**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0215 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210095 Procedure of QoS monitoring report during the PDU session termination**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0216 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210096 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0217 Cat: F (Rel-16)  
  
 Source: Huawei*

**Discussion:**

Ericsson: There is no SA2 requirement for separate QoS flow binding for SDFs that require QoS monitoring.

My understanding is that QoS monitoring is performed on a QoS flow as long as there is a SDF that requires notifications on delay measurements. What SDFs are transferred over the QoS flow would not really matter.

After checking with my CT4 colleague, there is no identified misbehavior for N4 either.

We do not see the need of this CR.

Huawei: I agree that there is no SA2 requirement. But because of the implementation of CT4, we have to do that.

If have two SDFs need to be performed QoS monitoring and they have different thresholds, and these two SDF are bound to the same QoS flow.

As there is only one threshold for a QoS flow, how does the SMF requests the UPF to monitoring the delay?

Nokia: I assume that more as one PDR (containing associated parts of SDF templates) can be associated with a OoS flow, but I agree with your rating that we do not have the SA2 requirement to separate QoS flows for QoS monitoring. May be a clarification is required, before we can agree on the CR content.

No agreement. No stage 2 requirements. Send an LS to SA2, cc CT4.

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

**C3-210097 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0218 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210098 QoS monitoring report during the PDU session termination**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0247 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210386**.

**C3-210386 QoS monitoring report during the PDU session termination**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0247 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210098)

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

**C3-210099 QoS monitoring report during the PDU session termination**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0248 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210387**.

**C3-210387 QoS monitoring report during the PDU session termination**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0248 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210099)

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

**C3-210115 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0663 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210405**.

**C3-210405 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0663 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, Huawei*

(Replaces C3-210115)

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

**C3-210116 Support of AF instance change**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0249 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210423**.

**C3-210423 Change of notification URI**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0249 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210116)

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

**C3-210117 Support of AF instance change**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0250 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210424**.

**C3-210424 Change of notification URI**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0250 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210117)

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

**C3-210118 Support of AF instance change**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0116 Cat: F (Rel-16)  
  
 Source: Huawei*

**Discussion:**

ZTE: has following two comments:

1) changes in 4.2.2.2 are missing, since the notification URI can be modified during the acknowledgement of the notification to request the subsequent notifications are sent to the new AF instance.

4.2.2.2 Notification about subscribed events

If the SMF observes PDU Session related event(s) for which an NF service consumer has subscribed, the SMF shall send an HTTP POST request with "{notifUri}", as previously provided by the NF service consumer within the corresponding subscription.

2) The notification correlation Id is missing from the target AF information.

Ericsson: The concerns raised for 0116+0117 also apply to 118/119 and 120/121.

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

**C3-210119 Support of AF instance change**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0117 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210120 Support of AF instance change**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0223 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210121 Support of AF instance change**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0224 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210137 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0664 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210406**.

**C3-210406 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0664 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-210137)

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

**C3-210152 mandate notifCorreId for QoS monitoring subscrtiption**

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

**Decision:** The document was **revised to C3-210410**.

**C3-210410 mandate notifCorreId for QoS monitoring subscrtiption**

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

(Replaces C3-210152)

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

**C3-210153 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0227 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210407**.

**C3-210407 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0227 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE, Huawei*

(Replaces C3-210153)

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

**C3-210154 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0228 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210408**.

**C3-210408 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0228 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE, Huawei*

(Replaces C3-210154)

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

**C3-210388 LS on Support of AF instance change**

*Type: LS out For: Approval  
 to SA2  
 Source: Huawei*

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

**C3-210409 LS on QoS monitoring control for Service Data Flows**

*Type: LS out For: Approval  
 to SA2, cc CT4  
 Source: Huawei*

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

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

**C3-210126 Last known location report**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0332 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210389**.

**C3-210389 Last known location report**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0332 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210126)

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

**C3-210127 Last known location report**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0333 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210390**.

**C3-210390 Last known location report**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0333 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210127)

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

**C3-210128 Last known location report**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0253 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210391**.

**C3-210391 Last known location report**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0253 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210128)

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

**C3-210129 Last known location report**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0254 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210392**.

**C3-210392 Last known location report**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0254 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210129)

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

**C3-210131 Default value of accuary**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0334 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210132 Default value of accuary**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0335 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210133 Default value of accuary**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0256 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210134 Default value of accuary**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0257 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210166 Support Stateless NFs**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0258 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210361**.

**C3-210361 Support Stateless NFs for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0258 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210166)

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

**C3-210167 Support Stateless NFs**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0259 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210362**.

**C3-210362 Support Stateless NFs for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0259 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210167)

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

**C3-210168 Monitoring expire time**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0260 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**C3-210169 Monitoring expire time**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0261 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**C3-210170 Support Stateless NFs**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0336 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210363**.

**C3-210363 Support Stateless NFs for MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0336 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210170)

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

**C3-210171 Support Stateless NFs**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0337 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210364**.

**C3-210364 Support Stateless NFs for MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0337 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210171)

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

### 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]

### 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

**C3-210025 Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0636 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210411**.

**C3-210411 Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0636 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210025)

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

**C3-210026 Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0637 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210412**.

**C3-210412 Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0637 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210026)

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

**C3-210053 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0328 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Discussion:**

This CR introduces backward compatible correction into the following OpenAPI files:

- TS29122\_CommonData.yaml

This CR introduces backward compatible feature into the following OpenAPI files:

- TS29122\_ChargeableParty.yaml

TS29122\_AsSessionWithQoS.yaml

Huawei: There is no stage 2 requirement to support the AF needs to indicate whether the resource allocation confirmation is required. And the changes are NBC.

Ericsson: The SCEF/NEF exposed event “FAILED\_RESOURCES\_ALLOCATION” was added in C3-193488.

The SCEF/NEF exposed event “SUCCESSFUL\_RESOURCES\_ALLOCATION” was added in C3-205453

In cover page of C3-205453, it cited the following text from TS 23.503:

If an AF session can adjust to different QoS parameter combinations, the AF may provide Alternative Service Requirements containing one or more QoS reference parameters in a prioritized order (which indicates the preference of the QoS requirements with which the service can operate). If so, the AF shall also subscribe to receive notifications from the PCF for successful resource allocation and when the QoS targets can no longer (or can again) be fulfilled in clause 6.1.3.22 of TS 23.503.

So the event subscription relayed by NEF to the AF is currently missing in stage 3 TS. And for the NBC concern, I think it is not an issue:

- the resource allocation confirmation is optional IE

- In cl.4.4.13, the behavior in SCEF/NEF to subscribe to PCF resource status event is not changed, the removed text in legacy TS is moved to here, i.e. it is backward compatible. i.e. for a R15 SCEF which doesn’t support this R16 feature, it still “shall subscribe…”:

If the "ResAllocStatus" feature is not supported, the SCEF shall subscribe to the PCRF on the INDICATION\_OF\_SUCCESSFUL\_RESOURCES\_ALLOCATION and INDICATION\_OF\_FAILED\_RESOURCES\_ALLOCATION events; otherwise only if the "resConfirmInd" is set to true, the SCEF shall subscribe to the PCRF on the INDICATION\_OF\_SUCCESSFUL\_RESOURCES\_ALLOCATION and INDICATION\_OF\_FAILED\_RESOURCES\_ALLOCATION events.

Please let me know your thought about where it is NBC.

Nokia: Could we clearly describe in the reason for change or somewhere else, why it is BC, please.

Ericsson: As I explained over the call, it is the re-exposed event from N5 to T8/N33 (like what we agreed in C3-205453), and the resource allocation status subscription corresponds to the text in 23.503: If so, the AF shall also subscribe to receive notifications from the PCF for successful resource allocation

If you prefer to have separate T8/N33 events subscription for “success” and “failure” (like PCF offers in TS 29.514 AfEvent) and make AF only subscribe to the “success” resource allocation in the alternative QoS scenario, I can split them. Let me know if this works.

Nokia:

1) My understanding is that the 23.503 requirement that you highlight is already satisfied by the addition agreed and implemented with C3-205453, i.e., by allowing the SUCCESSFUL\_RESOURCES\_ALLOCATION event to be reported via T8/N33 (note that both this event and the FAILED\_RESOURCES\_ALLOCATION event are subscribed automatically at the moment the AsSessionWithQoS is established).

2) With regard to having “separate T8/N33 events subscription for success and failure”, no, I don’t see the need, given that there are currently no explicit subscriptions for any of the two in T8/N33. There are only AsSessionWithQoS subscriptions in T8/N33, which “translate” to SUCCESSFUL\_RESOURCES\_ALLOCATION and FAILED\_RESOURCES\_ALLOCATION subscriptions in N5 plus the requirement to forward such events received via N5 over T8/N33.

3) With regard to doing the opposite, i.e., DISABLING the subscription and forwarding of such events, I take your point (although I cannot think of a strong Use Case in which the AF does NOT want to receive such events), but this would be a new feature and should not be introduced in Rel-16 now.

4) With regard to the interworking issue of Rel-16 AF talking to Rel-15 SCEF, I admit that there might be something I misunderstood and I kindly request you to summarize the last comment that you made during the CC, but I cannot see yet how such an interworking problem could be solved by introducing the change of your CR.

Ericsson:

1) not exactly. The text in 23.503 read: If so, the AF shall also subscribe to receive notifications from the PCF for successful resource allocation and…

It doesn’t say: if so, the AF waits for receiving notification from the PCF for successful resource allocation.

2) Right now the R15 (and R16 w/o 0053) SCEF/NEF always subscribe to the PCF resource allocation status event. So it doesn’t need to “translate” anything here, w/ or w/o alternative QoS references.

3) agree with you that the opposite case is something can be introduced in Rel-17.

4) Firstly, it was agreed in previous meeting that the “successful resource allocation” event is not tied to alternativeQoS\_5G feature, so imagining an AF when requesting the QoS to NEF, it is designed to receive resource allocation confirmation from the NEF. Here we have the interworking issue.

An R15 SCEF/NEF doesn’t support sending the new resource status events to the AF. So an R16 AF will wait for the “never coming” event infinitely.

The simple approach is to attach a feature for those events and use feature negotiation btw. AF and SCEF/NEF so AF can know the capability of the peer (see The procedures in subclause 6.6.2 of 3GPP TS 29.500). For the R15 SCEF/NEF, the feature bit will not be set so the R16 AF knows the capability of its peer and won’t wait.

Nokia:

1) The AF subscribes (by POSTing an AsSessionWithQoS subscription) to receive notifications from the PCF. Requirement satisfied. Both before and after your CR

2) The NEF “translates” the reception of an AsSessionWithQoS subscription from the AF into a subscription to the resource allocation events at the PCF.

I see the interworking issue now and I am fine with r1

Huawei: I am not sure whether it’s interworking scenario issue, but for current SCEF or NEF or SCEF+NEF in Rel-16, if the SCEF or NEF or SCEF+NEF receives the SUCCESSFUL\_RESOURCES\_ALLOCATION and FAILED\_RESOURCES\_ALLOCATION events from the PCRF or PCF or PCRF+PCF, the SCEF or NEF or SCEF+NEF will notify the SCS/AS or the AF, regardless of whether the event was subscribed by the SCS/AS or AF before, right? There is no any issue, which can be corrected in Rel-16/17 as I know.

Ericsson:

The interworking issue is R15 SCEF/NEF and R16 AF.

R15 SCEF/NEF doesn’t support sending failed/successful resource allocation event to the AF. Those 2 events are added in R16.

Huawei: I also aware of that before, but that’s some common issue, e.g. period reporting is only supported from Rel-16 not Rel-15, even other SBI interfaces also have this kind of issue among different Releases.

And the Rel-16/Rel-17 CRs here are solving Rel-16 SCEF or NEF but not Rel-15 SCEF or NEF, right?

Ericsson:

For period reporting, it doesn’t have the issue as 0053 described. The repPeriod is sent by AF and if it is recognized by the NEF, NEF will store it as part of the resource representation and return the resource representation to the AF so AF knows it is talking to the R16 NEF.

This information exchanged during event subscription implicitly indicates what is supported by the NEF.

For your question:

+> And the Rel-16/Rel-17 CRs here are solving Rel-16 SCEF or NEF but not Rel-15 SCEF or NEF, right?

Like I replies below, see the bold text, by default Rel-15 SCEF/NEF will not set the feature bit, so we solve the interworking problem by this CR. Similarly, if we add something new in release-17, we need to consider backward compatibility during interworking with old releases.

“use feature negotiation btw. AF and SCEF/NEF so AF can know the capability of the peer (see The procedures in subclause 6.6.2 of 3GPP TS 29.500). For the R15 SCEF/NEF, the feature bit will not be set so the R16 AF knows the capability of its peer and won’t wait.”

Huawei: I still concern on the requirement and the solution, and anyway it’s NBC as I mentioned before, e.g. both events require ResAllocStatus feature supported now, which is not required in previous version.

Ericsson: It is backward compatible, as we are fixing it with supported feature.

When you say “which is not required in previous version.”, I guess “the previous version” is R15, as I said, those 2 events don’t exist in 15.

Now with R16 correction, it is fixed.

Huawei: I mean that the events will be always supported for all features in current Rel-16 version, but now it changed to be supported only under ResAllocStatus feature as shown in below table, which is NBC.

Ericsson: There is a problem which I clearly stated in the call yesterday showing the interworking issue, i.e. it is not working.

Then fixing it will be seen as backward compatible, this is the business as usual as we did to fix many other issues.

**Decision:** The document was **revised to C3-210414**.

**C3-210414 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0328 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210053)

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

**C3-210054 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0329 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210415**.

**C3-210415 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0329 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210054)

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

**C3-210161 IMEI over Rx reference point**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1652 Cat: F (Rel-16)  
  
 Source: Orange / Mariusz*

**Discussion:**

Ericsson: if there are interoperability issues related to support of IMEI then the issues need to be solved from the release when support of the IMEI was introduced. Support of IMEI(SV) over Rx interface i.e. the User-Equipment-Info AVP was added in release 14 under work item code V8-CT.

Furthermore, if the issues related to the support of IMEI over Rx exist then I believe they also exist for Gx and should be also corrected. Note that for Gx the issue needs to be corrected from release 8 (support of the User-Equipment-Info AVP was added in TS 29.212 before release 8).

However, I am not aware of any interoperability problem. Therefore I believe that we should replace obsoleted RFC 4006 with RFC 8506 and introduce support of the User-Equipment-Info-Extension AVP only in the current release. I do not understand why release 16 is chosen as starting point to enable IMEI over Rx.

To support of the User-Equipment-Info-Extension AVP over Rx a new feature indicating such support needs to be introduced.

Huawei: As it is a new feature, we prefer not to change Rel-16.

For Rel-17, I have following comments:

Other specification affected in cover page is missed.

2) A new supported feature needs to be defined.

3) Not change the existing reference. Add a new reference for 8506 and void the 4006

Nokia supports Huawei.

Orange: I understand that the intention is not to modify the already frozen releases. I’m just wondering, does it mean that the issue has been somehow overcome that no interoperability problems were spotted, e.g., the single User-Equipment-Info AVP has been some kind of “overloaded” to carry both IMEI and IMEISV, even if there is a difference between them?

For the moment, I would then like to ask to postpone both the documents (C3-210161 and C1-210162).

I’ll come back to the next meeting with more complete proposal, including the changes to the other impacted specifications.

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

**C3-210162 IMEI over Rx reference point**

*Type: CR For: Agreement  
 29.214 v16.4.0 CR-1653 Cat: A (Rel-17)  
  
 Source: Orange / Mariusz*

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

**C3-210188 CAPIF\_Security API externalDocs version correction**

*Type: CR For: Agreement  
 29.222 v16.5.0 CR-0164 Cat: F (Rel-16)  
  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-210397**.

**C3-210397 CAPIF\_Security API externalDocs version correction**

*Type: CR For: Agreement  
 29.222 v16.5.0 CR-0164 rev 1 Cat: F (Rel-16)  
  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-210188)

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

**C3-210225 notifyUri used by notification**

*Type: CR For: Agreement  
 29.551 v16.6.0 CR-0063 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210395**.

**C3-210395 notifyUri used by notification**

*Type: CR For: Agreement  
 29.551 v16.6.0 CR-0063 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-210225)

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

**C3-210226 notifyUri used by notification**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0064 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210396**.

**C3-210396 notifyUri used by notification**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0064 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-210226)

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

### 17.1 Rel-17 Work Items

CT3 agrees that the WIDs can be agreed when the SA related WID is approved and the content allows CT3 to formulate statements about the stage 3 work (clear impacted interfaces, functionality, etc.), i.e. there are stable conclusions. CT3 work cannot be started until the normative work is initiated in stage 2.

All APIs that are modified in 2021 should be changed to replace 2020 to 2021. No CR is needed. New APIs will directly refer to 2021.

#### 17.1.1 New or revised Work Items

**C3-210022 New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2**

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

**Discussion:**

Nokia: Nokia prefers to change the text: “Update of PCC rules for enhancements to the steering modes” to

“Potential update of PCC rules to support enhancements to steering modes”

because we do not add new steering modes actually. This is mentioned for the 29.512 correctly (see table expected output and time scale).

ZTE: “Update of PCC rules for enhancements to the steering modes” cover both updates to existing steering modes and possible addition of new steering modes, we prefer not to add "potential" since the update of PCC rules cannot be avoided however in any case.

Huawei: An editorial comment: space is missed between the rules and for in the impacts on 29.512.

Nokia to ZTE: I can accept it due to the general sentence we have in the WID.

ZTE: This WID is revised to 0269 with CT1/4 stable changes merged.

**Decision:** The document was **revised to C3-210269**.

**C3-210269 New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2**

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

(Replaces C3-210022)

**Decision:** The document was **revised to C3-210376**.

**C3-210376 New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2**

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

(Replaces C3-210269)

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

**C3-210036 New WID on CT aspects on Dynamically Changing AM Policies in the 5GC**

*Type: WID new For: Agreement  
 Source: Ericsson*

**Discussion:**

Huawei: We have the following comments on this WID proposal:

- There is no need for a new TS to define the AM policy authorization service. TS 29.514 can very well be reused for this purpose.

- There are still no clear Stage 2 directions, as no CRs were agreed on this WI. All changes are potential.

o Propose to postpone the WID to the next meeting.

- Some editorial changes to CT3 impacts in clause 4:

- Definition of a new NEF serviceimpacts to allow the AF to influence PCF decisions for AM Policy changes, in particular RFSP index value change and SAR change.

- UDR application data model impacts to store the AF service parameters that indicate the requirements for AM Policy changes, e.g. RFSP index value change.

- PCF-AM (PCF for Access and Mobility control) and PCF-SM (PCF for Session Management control) impacts that enable the PCF-AM to detects when an application starts/stops for the services specified in the AF service parameters.

- BSF new functionality to notify about the registration of a new PCF-SM for a DNN, S-NSSAI and SUPI combination.

- Definition of new NEF and PCF (i.e. PCF-AM) impactsservices to enable the AF to provide an indication to the PCF-AM that a change of AM polices may be required because a service has started or terminated.

- There are still no clear Stage 2 directions, as no CRs were agreed on this WI so far in SA2. All the changes impacting CT WGs are hence indicated as potential.

o Therefore, it is better in our opinion to postpone the WID, at least until sufficient Stage 2 normative work to enable the definition of impacts on CT work is performed.

Ericsson: I understand your concern about not having still normative stage 2 normative work ready this meeting, but this is a constrain for us to start our normative stage 3 work more than for agreeing on the WID.

Note that there is a stage 2 WID agreed (necessary condition to agree on a WID) and stage 2 companies are working according the scope defined in it to achieve results in February, to be published in March, if available. So from that perspective, the WID would be stable enough to agree on it in this meeting.

For the new TS: This is covered within the stage 2 WID, so better to take as basis that a new PCF service will be defined.

About postponing: I understand that stage 3 work cannot start till there is normative work available in stage 2, as it is indicated in the proposed stage 3 WID. However, the work is scoped in stage 2, and the corresponding scoping can be done in stage 3. Note that the stage 2 WID has already been agreed, and stage 2 normative work is expected to be ready by March.

For the new NEF service: The definition of new NEF service is defined in SP-201137. For traceability, I’d prefer to keep both WIDs aligned. The WID can be updated as stage 2 work evolves.

Editorial comments accepted.

Note that the stage 2 WID has already been agreed, and stage 2 normative work is expected to be ready by March. Companies are working according to the scoped stage 2 work (which is as detailed as ongoing stage 2 TR results)

Ericsson: Makes r1 available.

Huawei: We actually propose to have this new service defined within TS 29.514 (Npcf\_AMPolicyAuthorization), as it covers similar purposes, instead of having a brand new TS.

Please clarify then the impacts that you think are clear (not potential/possible).

Ericsson will provide more clear impacts that justify that the WID can be agreed at this point.

If no agreement with the need of a new TS a note can be added.

Ericsson: It is a completely new service, I’d say it has as many commonalities with Npcf\_PolicyAuthorization as with any other service (if we overlook the known NF service consumers). Without exaggerating, my understanding is that they are not similar, except for the abstraction that both aim to request AF/NEF requirements on a given context. But while Npcf\_PolicyAuthorization does it for SM Policy Control context, Npcf\_AMPolicyAuthorization will do it for AM Policy Control context.

The two most similar services I can point out are Npcf\_UEPolicyControl and Npcf\_AMPolicyControl, and even at that time we decided to develop separated TSs

Anyhow, and as commented during the conference today, I have added a NOTE to the draft WID to indicate it will be further discussed whether 29.514 can be reused.

My main concern (right now) is that the current TS chapter structure would need to be adapted, and then the internal references to different chapters in this TS and references from other TSs to 29.514 will become an inexhaustible source of problems and mistakes because 29.514 is referenced from multiple sources (IMS, N7, 29.513…). I cannot see a positive balance in reusing TS 29.514 compared with having a separate TS.

There are clear impacts in: 29.513 (flows), 29.507 (triggers of policy update), 29.519 (application data), 29.521 (BSF procedures and resources ) and 29.522 (northbound serviced) are impacted. Please, see the updated WID for details.

Huawei: I hear your concerns regarding the reuse of TS 29.514 for the specification of the new Npcf\_AMPolicyAuthorization and I have to say that I agree with some of them (e.g. the TS clauses numbering and associated referencing issues). Let’s further think about it and discuss it again later on, when starting the normative Stage 3 work.

**Decision:** The document was **revised to C3-210270**.

**C3-210270 New WID on CT aspects on Dynamically Changing AM Policies in the 5GC**

*Type: WID new For: Agreement  
 Source: Ericsson*

(Replaces C3-210036)

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

**C3-210037 New WID on CT aspects of enhanced support of industrial IoT**

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

**Discussion:**

Qualcomm: I would like to request removal of the following CT3 related objectives (and corresponding impact shown for TS’s) since both of them do not reflect stage-2 agreements on this matter:

1. UE-UE TSC

2. Exposure of deterministic QoS

Huawei: We propose to add TS 29.513 as a potential impacted TS to capture the enhanced call flows.

Ericsson: In addition, could you clarify the relationship between bullet 2) and 4) when it comes to the definition of a new Nnef service or the impact in an existing one? I.e., is it needed an additional (new) Nnef service for exposure of time synchronization?

Nokia to Qualcomm:

1. My understanding is that the stage 2 WID covers

-UE-UE TSC communication as per clause 8.2 in the above TR

Regarding UE-UE TSC there is no association of PDU Sessions so removing it from CT3 clause is ok.

2. My understanding is that the stage 2 WID covers

-Exposure of QoS and related enhancements as per clause 8.5 in the above TR.

Although there may be open points. We should keep the bullet. It could be changed in a future version as well.

Nokia will check internally and could make a proposal with high level text to show something is to be done.

Nokia to Huawei: Yes can be added to clause 5.

Nokia: R1 is made available:

- UE-UE TSC removed

- 29.513 added in clause 5

- Exposure of deterministic QoS: Nokia would like to keep the CT3 clause related to this issue because it is included in the SA2 WID: “Exposure of QoS and related enhancements as per clause 8.5 in the above TR”. Than solution 5 (impact 6.5.4) is the one envisaged. Therefore, the assumption is that the aspect will be finalized by the normative stage 2 work, although there may be open points. We should keep the bullet possibly with a higher level description that does not include too many details. Please propose a further reduction, if you think a further reduction is required. The relationship to an additional service is taken into account as well. Keeping the clause allows us to think about it, e.g. with discussion papers. We can changed the WID and precise the Nnef services in the next weeks as required based on the normative work.

Huawei is fine with r1.

Ericsson: The comment I provided was in the direction to know whether the WID is indicating a potential new NEF service for Exposure time synchronization or if it would be the same as the one for Exposure of deterministic QoS.

Anyhow, the current wording leaves it open to evolve it as SA2 progresses, so I’m fine with it.

Qualcomm provides a couple of more comments in the file, including other WG impacts.

CT3 technically endorses the WID from CT3 part.

Nokia: The clean version is uploaded in the Inbox. Our CT1 delegate also collected all aspects of CT1 and CT4 together and gave a green light to upload this version. Therefore, this version also includes the latest updated CT1 and CT4 aspects.

Nokia: CT4 endorsed the WID.

**Decision:** The document was **revised to C3-210271**.

**C3-210271 New WID on CT aspects of enhanced support of industrial IoT**

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

(Replaces C3-210037)

**Decision:** The document was **revised to C3-210375**.

**C3-210375 New WID on CT aspects of enhanced support of industrial IoT**

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

(Replaces C3-210271)

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

**C3-210038 CT aspects of proximity based services in 5GS**

*Type: WID new For: Agreement  
 Source: CATT, OPPO*

**Discussion:**

Huawei: We have the following comments on this WID proposal:

- The newly agreed SA2 WID (SP-201132, ID = 900007) should be added to the table under clause 2.3.

- In the impacts to CT4 under clause 4, it is indicated “potential update to PCF for ProSe related policy because of proximity based services in 5GS” but this rather concerns CT3, not CT4.

- For the proposal under clause 5 (new proposed TSs), it would be beneficial to indicate the responsible WG for each new TS and not only the rapporteur name.

- Potential impacts to TS 29.512 and TS 29.519 need to be added in order to cover the necessary updates to PCC framework and in general SM policy procedures (e.g. supporting QoS splitting configuration, QoS mapping configuration between PC5 and Uu, PC5 usage reporting information, etc.).

- Under clause 5, TS 29.522 is indicated, but since Nnef\_ServiceParameter is already defined from Rel-16, we think that the description should be changed from “Definition of a new NEF service (Nnef\_ServiceParameter) or possible update to the Nnef\_ParameterProvision service to support proximity based services in 5GS” to “Potential update to the Nnef\_ServiceParameter service or possible update to the Nnef\_ParameterProvision service to support proximity based services in 5GS”. Similarly, for TS 29.517, please note that even if the DDNMF can be integrated with the AF (that’s a deployment option), from specification point of view, the Naf\_EventExposure will not be enhanced.

CATT: Please check my reply.

1. SA2 WID (SP-201132, ID = 900007) is the parent WI, which needs not be included in Table 2.3.

2. Fixed.

3. Fixed.

4. The impact on Session management policy is premature. We can add TS 29.512 as the potential impacted TS if nobody objects it. And TS 29.519 is included.

5. The impact on TS 29.522 is revised. And TS 29.517 is not included in the potential impacted TS.

Huawei: I am fine with it.

Ericsson:

From the TR work, when it concerns to TS 29.512 no protocol impact is identified so far, and it is too soon to foresee if there is some description would need update.

From the time being, it would be better to leave out 29.512, and introduce it later, if needed.

Add a note that indicates this TS can be added in the future.

CATT: As chair commanded, I added a NOTE to specify the update on 29.512 is subject to SA2’s conclusion. And I hope it can fix both Huawei and Ericsson’s concern. R1 is made available.

Huawei: We are fine with the added note. There is however still one minor issue to be solved:

- The sentence “potential update to PCF for ProSe related policy because of proximity based services in 5GS” still needs to be removed from the list of foreseen impacts to CT4, as it was moved to the CT3 part.

CATT: You are right. My CT4 colleague will handle it in CT4’s scope.

CT3 technically endorses the WID from CT3 part.

CT6 is impacted.

CATT provides a clean version with the CT1 & CT4 changes considered.

**Decision:** The document was **revised to C3-210272**.

**C3-210272 CT aspects of proximity based services in 5GS**

*Type: WID new For: Agreement  
 Source: CATT, OPPO*

(Replaces C3-210038)

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

**C3-210041 New WID on CT aspects on Same PCF Selection For AMF and SMF**

*Type: WID new For: Endorsement  
 Source: China Telecom*

(Replaces C3-204031)

**Abstract:**

New WID on CT aspects on Same PCF Selection For AMF and SMF

**Discussion:**

China Telecom: This WID has discussed in CT4, and they think the WID has more impacts in CT4, so they suggest to change the leadership from CT3 to CT4.

**Decision:** The document was **revised to C3-210327**.

**C3-210327 New WID on CT aspects on Same PCF Selection For AMF and SMF**

*Type: WID new For: Endorsement  
 Source: China Telecom*

(Replaces C3-210041)

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

**C3-210042 Discussion on CT aspects of Enhanced support of Non-Public Networks**

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

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

**C3-210043 New WID on CT aspects of Enhanced support of Non-Public Networks**

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

**Discussion:**

Nokia: Nokia has a comment on text of the WID, which is related to the stage 2 specification 23.501:

“for NPN enhancements to enable support for Video, Imaging and Audio for Professional Applications (VIAPA):

- informative guideline for mapping between standardized 5QI/ARP and DSCP marking to enable the PLMN and SNPN to use the same mapping values for UL and DL user plane traffic within SNPN and PLMN.

Nokia request to completely remove the text out of the CT3 objectives. It was already agreed in the TR conclusion and the SA2 eNPN WID that this aspect will be agreed in the TS 23.501 annex and the reason it makes sense to stick with the conclusion is that the annex already contains also the architecture for underlay / overlay network and it provides the context for this. Nokia plans to submit a CR for providing such a mapping for TS 23.501. Furthermore, it is TS 23.501 that specifies standardized 5QI characteristics. Nokia prefers to keep this way forward. We hope that we can agree on this way forward.

Ericsson: There is an ongoing discussion in SA2 on the topic, which will be solved early this week. Please, let’s keep this point open till further feedback is received.

Nokia: ok, let’s wait.

Comments from Huawei sent before the meeting. TS 29.522 to be added.

Huawei: Based on 23.700-07 subclause 8.4.1, 29.522 may also be impacted due to support AF-based onboarding configuration data provisioning.

Offline check.

Nokia to Huawei: Yes this may be true.

Ericsson: I agree with the missing CT3 objective to support AF based onboarding configuration and the corresponding impact in TS 29.522.

Update version of the WID is coming. I’ll share it with you as soon as available.

Nokia: I saw the SA2 has an eNPN meeting today (3 pm – 5 pm CET). May be we wait wit a revison in relation to the issue “… informative guideline for mapping between standardized 5QI/ARP and DSCP marking …” in stage 2 or 3.

Ericsson: it is fine with me.

Huawei: it is fine with me.

Nokia: I got an information about the way forward yesterday (hope it fits to the information may have as well): “In order to move forward, stage 2 agreed during the SA2 eNPN call that the description and the rationale will remain in 23.501 annex and the actual table to appear in CT3 specifications. Ericsson proposal was to use RFC references as already used in CT3 specs.”

I see this as a compromise and as a result we need to keep the CT3 objective (see start of this email thread).

Ericsson: got the also information yesterday to split the work between SA2 and CT3, keeping the mapping table in CT3.

In relation to this point, one company commented the following correction to the paragraph referring to the 5QI/ARP mapping to DSCP:

“to change “informative guideline for mapping between standardized 5QI/ARP and DSCP marking” under CT3 impacts to “informative mapping table between standardized 5QI/ARP and DSCP marking”.

I’m fine with that proposal. Please, let me know if you disagree with it.

In relation to the impact on 29.522, this is the proposed text to add to the CT3 Objectives section and in the table with the list of TSs.

Nokia: both changes are fine for me.

Huawei: both are also fine for me.

**Decision:** The document was **revised to C3-210328**.

**C3-210328 New WID on CT aspects of Enhanced support of Non-Public Networks**

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

(Replaces C3-210043)

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

**C3-210056 Discussion on CT impacts of 5G\_ProSe**

*Type: discussion For: (not specified)  
 Source: OPPO, CATT*

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

**C3-210106 Revised WID on PFD management enhancement**

*Type: WID revised For: Approval  
 Source: Huawei, China Telecom*

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

**C3-210135 New WID on CT Aspects of 5G eEDGE**

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

**Discussion:**

Nokia: Nokia has the following comments to the CT3-related aspects of the eEDGE\_5GC\_CT WID:

- The objective “Inform SMF with IP addressing information of EAS selected by DNS using SMF service or AF influence on traffic routing” shall be removed, because it does not correspond to any SA2 agreement.

- In the impacts of 29.514, the expression “in the PCC rule sent to the SMF” should be replaced with the expression “in the attributes of Policy Authorization” or similar, because there is no PCC rule in Npcf\_PolicyAuthorization.

- In the impacts of 29.522, impact number 4 (“Potential impacts on informing SMF with IP addressing information of EAS selected by DNS using AF influence on traffic routing”) shall be removed, because it does not correspond to any SA2 agreement.

Samsung:

We are in general supportive of this WID (and many others presented for endorsement in this meeting), however we want to seek clarification/guidance from CT3/CT leadership on following aspect:

• Should we endorse WIDs where normative work has not yet started in Stage-2, or reasonable progress has not been made on the normative work?

I do understand that parent WIDs of many presented in CT3 have already been approved by SA plenary.

If I remember correctly, earlier guidance from CT leadership was also on similar lines - that we should have stable-enough Stage-2 specifications for Stage-3 to start.

From Samsung’s point of view, we believe the WIDs should be postponed at least for another quarter until we see meaningful progress in Stage 2, however we are willing to go with majority view in this regard.

Ericsson: Ericsson has below comments to the CT3 Objective highlighted items

CT3:

- Potential impacts on AF to provide ECS Identities to the UDM.

This impact is not understood. Please clarify what ECS identities they are referring to?

- Potential impacts on AF/EAS/SMF/PCF/NEF to support enhancements for PSA co-existence

Add this one. During the transition period there can be PSA co-existence. We need assistance for how long it will take and how.

Huawei to Samsung: If my memory is correct, I remember that the EDGEAPP WID has been approved in CT3 in Nov. last year but the stage 2 specification (23.558) has not yet approved in SA plenary. Exactly, same situation here.

The same measurement or handling principle should be used for these WIDs. This WID has many clear conclusions/solutions based on stage 2 output, we believe this WID can be handled in CT3 as the EDGEAPP WID.

Huawei will check whether we can indicate that the normative work in SA should start first.

Samsung: Our comment was with respect to progress of stage 2 specification, not on TS approval in SA plenary. Since SA2 has approved the WID last plenary, the corresponding normative work in SA2 TS will start from upcoming meeting in SA2. Hence, our comment to wait For stage 2 work to progress before we work on stage 3 WID.

However, as I said in the initial email, we are supportive of the WID and would like to go with majority view on this.

Huawei to Ericsson: The comments are acceptable and actually comments 1 and 3 are already removed in the revision uploaded in CT4 in last Sunday (C4-210143).

Please check whether you are fine with C3-210135\_r1, which is revised based on C4-210143.

Huawei to Samsung: We are fine to add ‘Stage 3 work will start only when the normative stage 2 requirements are available.’. Covered in r1.

Nokia is fine with r1.

Samsung is fine with r1.

Ericsson: For r1, our comments to the Objective CT3 bullet 2 and 3 as below: ECS in bullet 2 refers to Edge Configuration Server, whereas ECS is bullet 3 refers to IETF EDNS Client Subnet.”,

- Potential impacts on AF/EAS to provide ECS Identities to the UDM.

To avoid misunderstanding, please specify “ECS” as “Edge Configuraiton Server” in this bullet 2.

- Potential DNS enhancement to support EAS discovery, e.g. ECS option

To avoid misunderanding, please specify “ECS” according to RFC 7871 [7]. ECS stands for “EDNS Client Subnet” in this bullet 3.

Huawei makes r1 available.

Ericsson is fine with r1.

CT3 technically endorses the WID from CT3 part.

**Decision:** The document was **revised to C3-210273**.

**C3-210273 New WID on CT Aspects of 5G eEDGE**

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

(Replaces C3-210135)

**Decision:** The document was **revised to C3-210372**.

**C3-210372 New WID on CT Aspects of 5G eEDGE**

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

(Replaces C3-210273)

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

**C3-210136 5G eEDGE CT work plan**

*Type: discussion For: Information  
 Source: Huawei*

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

**C3-210138 Impacts of eNS\_Ph2 to CT WGs**

*Type: discussion For: Discussion  
 Source: ZTE*

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

**C3-210139 New WID on Enhancement of Network Slicing Phase 2**

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

**Decision:** The document was **revised to C3-210274**.

**C3-210274 New WID on Enhancement of Network Slicing Phase 2**

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

(Replaces C3-210139)

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

**C3-210229 New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN**

*Type: WID new For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **revised to C3-210329**.

**C3-210329 New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN**

*Type: WID new For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

(Replaces C3-210229)

**Decision:** The document was **revised to C3-210431**.

**C3-210431 New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN**

*Type: WID new For: Agreement  
 Source: China Mobile Communications Group Co.,Ltd.*

(Replaces C3-210329)

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

**C3-210256 New WID on CT aspects on Dynamic Management of Group-based Event Monitoring**

*Type: WID new For: Agreement  
 Source: Ericsson*

**Discussion:**

Nokia: Nokia has the following comment to bullets within the objectives clause: The word “potential” could be added before “updates”.

Huawei: The solution for the WID is still unclear, and SA does not assign time slots to discuss this WID yet. Hence, we still think it’s too early to handle this WID in stage 3.

Beside, in Objective part, 2nd bullet ‘Updates group-based Monitoring Event configuration…’, it’s already covered by the 1st bullet as we know.

Offline discussion if this is premature.

Ericsson to Nokia: Since the approved SA2 WID SP-200622 already stated the clear justification and concluded the clear and stable scope in the objective,

“clarify the handling of event cancellation for an individual member or a sub-set of members from a group, and to ensure that event cancellation of some member(s) does not affect other members in the group.”

Hence “Updates” in this WID in both CT3 and CT4 objective is clear and stable, not “potential”.

Ericsson to Huawei: The solution for the WID is clear in the objective and break-down to CT3 & CT4 items.

“handling of event cancellation for an individual member or a sub-set of members from a group, and to ensure that event cancellation of some member(s) does not affect other members in the group.”

SA2 has planned all the TEI17 WID to be concluded in only one plenary.

And in Objective part, 2nd bullet ‘Updates group-based Monitoring Event configuration…’, is the fulfillment contents, not the definition in the 1st bullet.

Huawei: As we discussed in the CC, the solution is still unstable/ unclear in stage 2.

And whether CT3 or CT4 should be the leading WG is also unclear since CT4 may have more impacts compared with CT3, e.g. if the cancelation is triggered by HSS, or the work impacts 2 CT4 TSes, but only one TS in CT3.

Ericsson: SA2 WID is approved, with clear objective as solution.

TEI17 starting WID does not require TR with KI/conclusion.

Seems the number of TS is not the rule to decide with CT Group to lead the WI,

Upon the SA2 WID TEI17\_GEM-CT specify on TS 23.682 which is SCEF exposure centric, it’s logical that CT3 take the Exposure lead as for TEI17\_GEM-CT.

& Our CT4 colleague also early present the WID contents in CT4 Group, we didn’t got such concern.

Ericsson: I’ve internally discussed with our SA2 delegate, the solution is stable and SA2 defined only 1 plenary for TEI17\_ WID.

And I updated with revision removed the 1st bullet in CT4 objective and TS 29.272 impact, also clear with CT3 leading in which CT4 group no comments.

**Decision:** The document was **revised to C3-210275**.

**C3-210275 New WID on CT aspects on Dynamic Management of Group-based Event Monitoring**

*Type: WID new For: Agreement  
 Source: Ericsson*

(Replaces C3-210256)

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

**C3-210257 New WID on CT aspects on N6 interface Enhancement**

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

**Discussion:**

Nokia: Nokia generally supports enhancements for the interworking of an EAP based secondary authentication/authorization session in 5GS in connection with the EPS interworking, but before a final decision to support the WID can be done we would like a have a clarification on the following aspects:

- Is the enhancement only related to the session continuation from 5GS to EPS (seems the intension currently) or to a session establishment in EPS with EAP based secondary authentication/authorization as well?

- Stage 2 should introduce/enhance the authentication/authorization functionality in their specifications for interworking scenarios (23.401, …). Therefore, a stage 2 discussion must be initiated before the stage 3 WID can be approved.

- There is probably an influence on CT1 specifications. These influences should also be clarified.

- The title looks very general. May be it could point to the content of the WID better.

Nokia things that these issues need to be clarified before we can decide to support the WID. In particular a discussion on stage 2 level for 23.401 enhancements is required before stage 3 can agree on the WID.

Huawei: In general, it is not clear to me what kind of work will be done by this work item. If we want to introduce an end to end procedure for the interworking scenario, especially when the UE is accessing to the EPS, SA3 shall be involved. In this case, we need stage 2 requirement. If we want to limit the scope in CT3 and only impact the 29.561, the WID is not needed.

Offline discussions.

Ericsson: please refer to objective in r1, not e2e impacting EPS NAS, but mainly SMF enhancement with DN-AAA server supporting 5GS interworking with EPS.

For current CT3 scope, I’ve updated with TS 29.061 added in the objective and the impacted existing scope.

R1 is made available.

Huawei:

It’s still not clear to me what will be done in the WID.

1) When UE moves from EPC to 5GC, it’s not specified whether EAP based secondary authorization/authentication should be performed or not, and how to be handled between the SMF and the external DN-AAA server which support EAP.

I understand whether EAP based secondary authorization/authentication should be performed or not can’t be decided by the CT3. SA3 shall be involved?

2) If DN-AAA server initiates EAP based re-authorization but UE has moved from 5GC to EPC, such re-authorization will not be supported in current specifications.

I understand current DN-AAA initiated re-authorization will impact AMF and UE. Why do you think this WID does not impact the procedure?

3) Extending some of TS 29.061 reused 3GPP Vendor-Specific attributes for 5G N6 enhancement.

29.061 specifies the protocol over Gi/SGi interface. If we need to extend attribute for N6, we can define it in 29.561. So the 29.061 is not impacted.

Nokia: On 1, for me this is the main point which requires a clarification at stage 2 level beforehand. What is when the UE moves to EPC (EAP secondary is not supported). Should also be clarified beforehand.

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

**C3-210258 Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS**

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

**Decision:** The document was **revised to C3-210276**.

**C3-210276 Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS**

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

(Replaces C3-210258)

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

**C3-210259 New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

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

**Decision:** The document was **revised to C3-210324**.

**C3-210324 New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

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

(Replaces C3-210259)

**Decision:** The document was **revised to C3-210373**.

**C3-210373 New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

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

(Replaces C3-210324)

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

**C3-210260 Revised WID on CT aspects of 5GC architecture for satellite networks**

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

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

**C3-210377 LS on Secondary AUTH for 5GS interworking with EPS**

*Type: LS out For: Approval  
 to SA2, SA3, cc CT1  
 Source: Ericsson*

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

#### 17.1.2 Contributions on Work Items

**C3-210261 Satellite backhaul change policy control request trigger**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0681 Cat: B (Rel-17)  
  
 Source: Qualcomm Incorporated*

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

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

### 17.3 PFD Management Enhancement [pfdManEnh]

**C3-210100 Resolve the FFS for notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0059 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

**Decision:** The document was **revised to C3-210278**.

**C3-210278 Resolve the FFS for notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0059 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom, Ericsson*

(Replaces C3-210100)

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

**C3-210101 Partial pull update**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0060 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

**Decision:** The document was **revised to C3-210279**.

**C3-210279 Partial pull update**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0060 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

(Replaces C3-210101)

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

**C3-210102 Procedure of notification push update**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0219 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

**Decision:** The document was **revised to C3-210280**.

**C3-210280 Procedure of notification push update**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0219 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom, Ericsson*

(Replaces C3-210102)

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

**C3-210103 Procedure of partial pull**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0220 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

**Decision:** The document was **revised to C3-210281**.

**C3-210281 Procedure of partial pull**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0220 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom, Ericsson*

(Replaces C3-210103)

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

**C3-210104 Partial pull update**

*Type: CR For: Agreement  
 29.251 v17.0.0 CR-0031 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

**Decision:** The document was **revised to C3-210282**.

**C3-210282 Partial pull update**

*Type: CR For: Agreement  
 29.251 v17.0.0 CR-0031 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom, Ericsson*

(Replaces C3-210104)

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

**C3-210105 Procedure of partial pull update**

*Type: CR For: Agreement  
 29.251 v17.0.0 CR-0032 Cat: B (Rel-17)  
  
 Source: Huawei, China Telecom*

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

**C3-210157 Corrections on partial pull**

*Type: CR For: Agreement  
 29.251 v17.0.0 CR-0033 Cat: F (Rel-17)  
  
 Source: China Telecom*

**Decision:** The document was **revised to C3-210283**.

**C3-210283 Corrections on partial pull**

*Type: CR For: Agreement  
 29.251 v17.0.0 CR-0033 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom, Ericsson, Huawei*

(Replaces C3-210157)

**Decision:** The document was **revised to C3-210428**.

**C3-210428 Corrections on partial pull**

*Type: CR For: Agreement  
 29.251 v17.0.0 CR-0033 rev 2 Cat: F (Rel-17)  
  
 Source: China Telecom, Ericsson, Huawei*

(Replaces C3-210283)

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

**C3-210158 Corrections on partial pull**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0061 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

**Decision:** The document was **revised to C3-210284**.

**C3-210284 Corrections on partial pull**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0061 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

(Replaces C3-210158)

**Decision:** The document was **revised to C3-210429**.

**C3-210429 Corrections on partial pull**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0061 rev 2 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

(Replaces C3-210284)

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

**C3-210268 Invalid Nnef\_PFDmanagement OpenAPI file**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0065 Cat: F (Rel-17)  
  
 Source: Ericsson, ZTE*

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

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

**C3-210165 Optional header 3gpp-Sbi-Correlation-Info introduction**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0073 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210413**.

**C3-210413 Optional header clearification**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0073 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210165)

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

**C3-210198 OpenAPI "description" fields in data type definitions**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0338 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210317**.

**C3-210317 OpenAPI "description" fields in data type definitions**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0338 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210198)

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

**C3-210199 Update of "description" field for map data types**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0339 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210200 Adding "description" field for map data types**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0153 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210201 Update of "description" field for map data types**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0679 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210202 Adding "description" field for map data types**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0280 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210318**.

**C3-210318 Adding "description" field for map data types**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0280 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210202)

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

**C3-210203 Adding "description" field for map data types**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0231 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210204 Adding "description" field for map data types**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0262 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210205 Adding "description" field for map data types**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0142 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210206 Update of "description" field for racsReports**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0019 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210207 Removal of resource URI from Notify service operations**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0234 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210319**.

**C3-210319 Removal of resource URI from Notify service operations**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0234 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210207)

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

**C3-210208 OpenAPI reference**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0340 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210209 OpenAPI reference**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0154 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210210 OpenAPI reference**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0118 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210211 OpenAPI reference**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0680 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210212 OpenAPI reference**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0281 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210213 OpenAPI reference**

*Type: CR For: Agreement  
 29.517 v17.0.0 CR-0032 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210214 OpenAPI reference**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0232 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210215 OpenAPI reference**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0251 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210216 OpenAPI reference**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0263 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210320**.

**C3-210320 OpenAPI reference**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0263 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210216)

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

**C3-210217 OpenAPI reference**

*Type: CR For: Agreement  
 29.523 v17.1.0 CR-0042 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210218 OpenAPI reference**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0143 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210219 OpenAPI reference**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0062 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210220 OpenAPI reference**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0033 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210221 OpenAPI reference**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0020 Cat: F (Rel-17)  
  
 Source: Ericsson*

**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]

**C3-210122 Procedure for Naanf\_AKMA\_AnchorKey\_Register**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-210291**.

**C3-210291 Procedure for Naanf\_AKMA\_AnchorKey\_Register**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Huawei, China Mobile*

(Replaces C3-210122)

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

**C3-210123 API definition for Naanf\_AKMA\_AnchorKey\_Register**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to C3-210292**.

**C3-210292 API definition for Naanf\_AKMA\_AnchorKey\_Register**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Huawei, China Mobile*

(Replaces C3-210123)

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

**C3-210124 Support Stateless NFs for AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0251 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210374**.

**C3-210374 Support Stateless NFs for AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0251 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210124)

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

**C3-210125 Missed 204 No Content for AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0252 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**C3-210186 Discussion Paper: Refresh of KAF & KAKMA**

*Type: discussion For: Discussion  
 29.535 v..  
 Source: Samsung Electronics Iberia SA*

**Discussion:**

Huawei: The issue should be discussed in stage 2 and reach agreement there firstly.

Ericsson: Such proposals for AKMA procedures initiating primary authentication does not exist in Stage2/SA3 specifications,

they were discussed in SA3 and the SA3 decision was not to pursue them. If there is any need to change the behavior of KAF refresh as in TS 33.535 clause 6.4.3, should be agreed in Stage2/SA3 firstly.

ZTE: As per TS 33.535, the AF may reject UE’s access to the AF not only when the lifetime of KAF expires but also when the AAnF indicates failure for the AKMA key request. From the technical point of view, option2 can better address these two scenarios, therefore ZTE prefers option2.

Samsung to Ericsson:

As per SA3, in clause 6.4.3 of TS 33.535, when the Ua\* protocol supports Kaf refresh, then the Kaf is refreshed using the Ua\* protocol mechanisms and which are out of scope. However, when the Ua\* protocol doesn’t support the key refresh mechanism, then the AF needs to rely on the 3GPP AKMA function to receive the new Kaf using the new Kakma. Further, by key refresh unaddressed, there is no control in the key derived from the network access subscription, as the AF and UE will keep refreshing the Kaf independently.

This issue is about syncing the Keys with AF after Kaf expiry and the error case needs to be dealt in CT groups. We think that such error cases are handled in the past, directly in the CT groups.

For instance,

 The error case of UDM initiating the authentication during AMF location update procedure is handled in the stage 3 without any requirement from the stage 2. As specified in TS 29.503, during registration, when the AMF sends Nudm\_UECM to UDM for AMF registration, UDM may reject the registration with error "REAUTHENTICATION\_REQUIRED" based on local policy (e.g. previous authentication result is obsolete).

 Also in TS 29.509 and TS 29.503, the scenario where a UE is purged in a serving network, and a valid AMF has deleted UE's authentication result in UDM, was handled in CT group without stage 2 work.

Without such corrections, there could be service continuity issues. It is possible to define such procedures in stage 3 if there is need to continue the service.

Samsung to ZTE: We are fine with your suggestion.

China Mobile:

I have further question about the lifetime and how to generate the new KAF.

1) As described in clause 4.4.0 of TS 33.535， "- The AKMA Application Key (KAF) shall be provided with a maximum lifetime." . How to understand the maximum lifetime? What is the principle to set the lifetime (it is called operator's policy in the TS 33.535)?

2) As described in clause 5.2 of TS 33.535, "

AKMA Application Keys KAF shall use explicit lifetimes based on the operator's policy. The lifetime of KAF shall be sent by the AAnF as described in clauses 6.2 and 6.3. In case that a new AKMA Anchor Key KAKMA is established, the AKMA Application Key KAF can continue to be used until its lifetime expires. When the KAF lifetime expires, a new AKMA Application Key is established based on the current AKMA Anchor Key KAKMA." So could it possible to have a new KAF without KAKMA change?

Samsung:

On 1) Yes, in our understanding, it is operator's policy. Depending on AF, an operator may choose to assign long or short key lifetime.

On 2) For new Kaf generation, Kakma change is needed. Without Kakma change, the same Kaf will be generated, hence the Kaf is not refreshed and is an error case.

Also, is it obvious from Stage -2, that clearly indicates UE can try only after getting new Kausf, so CT needs to define a procedure to establish new kausf. As per TS 33.535, stage 3 details for the below procedure are needed:

6.4.1 KAKMA re-keying

KAKMA shall be re-keyed by running a successful primary authentication as described in clause 6.1.

China Mobile: As the operator, I have one more question: Is it easier for the upper layer to request UE to obtain updated AKMA Anchor Key (KAKMA) than option 1?

Offline discussions. No consensus on whether this can progress in CT WGs.

Samsung: It is easy and feasible for the UE to determine whether keys need to be changed (if A-KID is indicated as not valid by the AF) and when to trigger to change. However, as operator, you may provide your preference, which option you see is more feasible.

Samsung: In continuation to our discussion today during the conference call, the discussion paper emphasizes to discuss the solution options for the required stage 3 work.

Below procedure on Kakma re-keying from stage 2 (TS 33.535), is the basis for the stage 3 work. We do not see any further explicit statement needed in stage 2 for us to work in stage 3. It is up to stage 3 to handle this.

6.4.1 KAKMA re-keying

KAKMA shall be re-keyed by running a successful primary authentication as described in clause 6.1.

Samsung: As discussed yesterday, we propose to send an LS to SA3 to get the required clarifications.

Hope we can work based on clarifications from SA3.

Samsung: a draft LS is shared, that we propose to send to SA3 to seek feedback. Requesting clarification will help us progress on this issue.

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

**C3-210222 OpenAPI reference**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Ericsson*

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

**C3-210227 Introduction of Naanf\_AKMA Service**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: China Mobile Communications Group Co.,Ltd., Huawei*

**Decision:** The document was **revised to C3-210293**.

**C3-210293 Introduction of Naanf\_AKMA Service**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: China Mobile Communications Group Co.,Ltd., Huawei, Ericsson*

(Replaces C3-210227)

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

**C3-210228 Naanf\_AKMA\_ApplicationKey\_Get service operation**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: China Mobile Communications Group Co.,Ltd., Huawei*

**Decision:** The document was **revised to C3-210294**.

**C3-210294 Naanf\_AKMA\_ApplicationKey\_Get service operation**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: China Mobile Communications Group Co.,Ltd., Huawei*

(Replaces C3-210228)

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

**C3-210237 Update of the reference point interface representation of AKMA**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210295**.

**C3-210295 Update of the reference point interface representation of AKMA**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Ericsson*

(Replaces C3-210237)

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

**C3-210238 Correction to AfId in AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0268 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210296**.

**C3-210296 Correction to AfId in AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0268 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210238)

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

**C3-210239 Update of the service operations introduction of AKMA**

*Type: pCR For: Approval  
 29.535 v0.1.0  
 Source: Ericsson*

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

**C3-210240 Correction to AKId in AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0269 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210297**.

**C3-210297 Correction to AKId in AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0269 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210240)

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

**C3-210323 TS 29.535 v0.2.0**

*Type: draft TS For: Approval  
 29.535 v0.1.0  
 Source: China Mobile Communications Group Co.,Ltd*

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

**C3-210425 LS on Lifetime expiry of AKMA application key**

*Type: LS out For: Approval  
 to SA3, cc CT1, CT4  
 Source: Samsung Electronics Iberia SA*

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

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

**C3-210247 Update Descriptions for PAPCHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0083 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210298**.

**C3-210298 Update Descriptions for PAPCHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0083 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-210247)

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

**C3-210248 Update Descriptions for PAPCHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0084 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210299**.

**C3-210299 Update Descriptions for PAPCHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0084 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-210248)

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

### 17.9 CT aspects for enabling Edge Applications [EDGEAPP]

**C3-210178 Skeleton for TS 29.558**

*Type: draft TS For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

**Abstract:**

TS Skeleton for TS 29.558.

**Decision:** The document was **revised to C3-210300**.

**C3-210300 Skeleton for TS 29.558**

*Type: draft TS For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-210178)

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

**C3-210179 EDGEAPP - Workplan**

*Type: Work Plan For: Information  
 Source: Samsung Electronics Iberia SA*

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

**C3-210182 Pseudo-CR on Terms and Abbreviation**

*Type: pCR For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

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

**C3-210184 Pseudo-CR on Scope and Overview**

*Type: pCR For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-210301**.

**C3-210301 Pseudo-CR on Scope and Overview**

*Type: pCR For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-210184)

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

**C3-210185 Pseudo-CR on Open API generic clause**

*Type: pCR For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-210321**.

**C3-210321 Pseudo-CR on Open API generic clause**

*Type: pCR For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-210185)

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

**C3-210322 TS 29.558 v0.1.0**

*Type: draft TS For: Approval  
 29.558 v0.0.0  
 Source: Samsung Electronics Iberia SA*

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

### 17.10 Reliable Data Service Serialization Indication [RDSSI]

### 17.11 Technical Enhancements and Improvements [TEI17]

#### 17.11.1 TEI17 for IMS/CS

**C3-210040 Correction of the dynamic view status for History-Info header field.**

*Type: CR For: Agreement  
 29.165 v17.0.0 CR-1017 Cat: F (Rel-17)  
  
 Source: NTT corporation*

**Decision:** The document was **revised to C3-210315**.

**C3-210315 Correction of the dynamic view status for History-Info header field.**

*Type: CR For: Agreement  
 29.165 v17.0.0 CR-1017 rev 1 Cat: F (Rel-17)  
  
 Source: NTT corporation*

(Replaces C3-210040)

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

**C3-210193 Removal of strange text**

*Type: CR For: Agreement  
 29.163 v16.4.0 CR-1074 Cat: D (Rel-17)  
  
 Source: Ericsson, Nokia, Nokia Shanghai-Bell*

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

#### 17.11.2 TEI17 for Packet Core

**C3-210023 Miscellaneous corrections to the Npcf\_SMPolicyControl\_Create service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0634 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210302**.

**C3-210302 Miscellaneous corrections to the Npcf\_SMPolicyControl\_Create service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0634 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210023)

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

**C3-210024 Miscellaneous corrections to the Npcf\_SMPolicyControl\_UpdateNotify service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0635 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210303**.

**C3-210303 Miscellaneous corrections to the Npcf\_SMPolicyControl\_UpdateNotify service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0635 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210024)

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

**C3-210027 Clarification on the applicability of some attributes and data types to UMC feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0638 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210304**.

**C3-210304 Clarification on the applicability of some attributes and data types to UMC feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0638 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210027)

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

**C3-210028 Addition of the PDU Session with offline charging only indication**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0639 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210305**.

**C3-210305 Addition of the PDU Session with offline charging only indication**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0639 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210028)

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

**C3-210029 Reference to the wrong clause for the SMF initiated PDU session termination procedure**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0640 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210306**.

**C3-210306 Reference to the wrong clause for the SMF initiated PDU session termination procedure**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0640 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210029)

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

**C3-210030 Correction of a wrong reference to TS 29.514 related to AF session with required QoS procedures**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0641 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210307**.

**C3-210307 Correction of a wrong reference to TS 29.514 related to AF session with required QoS procedures**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0641 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210030)

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

**C3-210031 Clarification on the applicability of some data types to the SessionRuleErrorHandling feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0642 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210308**.

**C3-210308 Clarification on the applicability of some data types to the SessionRuleErrorHandling feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0642 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210031)

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

**C3-210032 Clarification on the applicability of some attributes to the 3GPP-PS-Data-Off feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0643 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210309**.

**C3-210309 Clarification on the applicability of some attributes to the 3GPP-PS-Data-Off feature**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0643 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210032)

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

**C3-210033 Adding NSI ID as an input parameter of Npcf\_SMPolicyControl\_Create service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0644 Cat: B (Rel-17)  
  
 Source: Huawei*

**Discussion:**

This CR introduces backwards compatible changes to OpenAPI specification files.

Ericsson: The inclusion of the NSI ID as input parameter of Npcf\_SMPolicyControl\_Create service operation was discussed time ago (ZTE contribution submitted to Osaka meeting) and not agreed because it is not specified how the SMF is aware of the NSI ID the PDU session belongs to.

I did not see any update in this regard. Could you please to point out to the stage 2 changes/updates that may make the NS ID is available in the SMF so that it can provided to the PCF?

Huawei: Well, I agree that exactly how the SMF gets/has the NSI ID information is not clearly specified in Stage 2, but is this really a huge issue? Let me further explain myself:

- After the selection of an S-NSSAI and the allocation of a network slice instance, the AMF selects the SMF based, among others, on these parameters (i.e. S-NSSAI and/or NSI ID). Therefore, one can say for example that as the SMF belongs to the selected NSI, it might know the NSI ID (e.g. can be configured in its NF profile).

- In addition, the NSI ID is indicated as an optional parameter in TS 23.502. The mention “if available” in clause 4.16.4 of TS 23.502 (cf. extract below), but also in clause 6.2.1.2 of TS 23.503, also indicates that it may be provided if available. Therefore, I think that there is no harm from specifying this attribute in Stage 3.

1. The SMF determines that the PCC authorization is required and requests to establish an SM Policy Association with the PCF by invoking Npcf\_SMPolicyControl\_Create operation (see clause 5.2.5.4.2). The SMF includes the following information: SUPI, PDU Session id, PDU Session Type, S-NSSAI, NSI ID (if available), DNN, DNN Selection Mode, GPSI (if available), Access Type, RAT Type, AMF instance identifier and if available, the IPv4 address and/or IPv6 network prefix, PEI, User Location Information, UE Time Zone, Serving Network (PLMN ID, or PLMN ID and NID, see clause 5.34 of TS 23.501 [2]), Charging Characteristics, Session AMBR, default QoS information, Trace Requirements, Internal Group Identifier (see TS 23.501 [2], clause 5.9.7).

Back then, when this proposal was first submitted, did you have any LS exchange with SA2 to clarify this point? I think that it might be useful to have their feedback on this + how this attribute is used in this context (Npcf\_SMPolicyControl\_Create), as the situation today is that Stage 3 and Stage 2 are not aligned with regards to this point.

If this was not done before and if it is OK for everybody, I can draft an LS to SA2 to ask them to clarify these points and we can then postpone this CR to next meeting.

Ericsson: We did not have an LS exchange at that time with SA2, so it would be the first request in this regard.

Before agreeing on the definition of the attribute in the Npcf\_SMPolicyControl, I think it is worth clarifying how the SMF obtains it, if the NSI(s) are used in a given deployment (is that the meaning of “if available?”). I will not object to it if everybody agrees.

ZTE: I fully agree with Fuen that how SMF obtains the NSI ID is the key issue.

As per TS 23.501 Clause 5.15.5.2.1 "The NSSF may return NSI ID(s) to be associated to the Network Slice instance(s) corresponding to certain S-NSSAIs." , two things are for sure as follows:

- an NSI ID can be associated to multiple S-NSSAIs, and an S-NSSAI can be associated to multiple NSI IDs, that is, the relationship betwwen NSI ID and S-NSSAI is M;N

- AMF can obtain S-NSSAI and optionally the NSI ID(s)

As you said, " After the selection of an S-NSSAI and the allocation of a network slice instance, the AMF selects the SMF based, among others, on these parameters (i.e. S-NSSAI and/or NSI ID). Therefore, one can say for example that as the SMF belongs to the selected NSI, it might know the NSI ID (e.g. can be configured in its NF profile)." Considerting one SMF can serve multiple NSI and registers NSI ID list in NRF (Nfprofile defined in 29.510 contains NSI ID list), even AMF selects the SMF based on S-NSSAI and/or NSI ID, I don't think SMF knows the exact NSI ID.

Once SA2 clearly defines it, we can proceed the CR.

Huawei: I agree with both of you.

As agreed yesterday during our CC, I am currently drafting an LS to SA2 and will share it in the reflector soon.

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

**C3-210034 Allow the retrieval of a set of policy data subsets for a UE**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0230 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210311**.

**C3-210311 Allow the retrieval of a set of policy data subsets for a UE**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0230 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210034)

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

**C3-210035 Clarification of eLCS feature applicability only to 5G**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0325 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-210039 Miscellaneous corrections to TS 29.512**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0645 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210312**.

**C3-210312 Miscellaneous corrections to TS 29.512**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0645 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210039)

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

**C3-210055 Correct figure number**

*Type: CR For: Agreement  
 29.061 v17.1.0 CR-0530 Cat: D (Rel-17)  
  
 Source: Ericsson*

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

**C3-210058 Interworking scenario support**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0076 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210366**.

**C3-210366 Interworking scenario support**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0076 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-210058)

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

**C3-210063 Support of stateless NFs**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0014 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210347**.

**C3-210347 Support of stateless NFs**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0014 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210063)

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

**C3-210107 User Location Change PCRT not supported in wireline access**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0660 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210130 API design style**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0255 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210285**.

**C3-210285 API design style**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0255 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210130)

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

**C3-210155 Correction to Monitoring key definition**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0671 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210313**.

**C3-210313 Correction to Monitoring key definition**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0671 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-210155)

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

**C3-210156 Clean up TS references**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0229 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-210314**.

**C3-210314 Clean up TS references**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0229 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-210156)

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

**C3-210164 Definition addition to TS29.594**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0072 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-210316**.

**C3-210316 Definition addition to TS29.594**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0072 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210164)

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

**C3-210176 Discussion on AS session with QoS procedure**

*Type: discussion For: Discussion  
 Source: Huawei*

**Decision:** The document was **revised to C3-210267**.

**C3-210267 Discussion on AS session with QoS procedure**

*Type: discussion For: Discussion  
 Source: Huawei, China Unicom, China Telecom, China Mobile*

(Replaces C3-210176)

**Discussion:**

Ericsson: Prefer to keep 2) clarify NEF error handling behavior with AF, if AF send new quota before receiving the usage report. If the AF want to provide new Quota, AF can wait until the reception of the notification on previous quota and then repeat the procedure with the new quota. Why should AF impact NFs extra procedure and new functions requirement, for these Sponsor data connectivity use case?

If operators can present the real Sponsor Data Connectivity use cases need AF provide usage quota, then among 3) only 3)a could be further considered upon less impacts to 5GC NFs, and if check NEF implementation could add new functions and no negative impact on the extra procedures and storage impacts, then maybe possible for 3)a consideration on condition that NEF fulfilling to isolate the impact from AF , still maintain PCF – SMF – UPF keeping the standardized usage quota management and reporting procedure.

Not agree 3)b & 3)c upon 3)b not correct concept on Quota management, 3)c break 29.514 rule and both 3)b and 3)c arouse extra Quota calculation/handling with is not defined and not fit for PCF / NEF, meanwhile extra e2e too much NFs impacts not following the usage report and quota management procedures.

China Telecom: From our view, if AF send new quota until the threshold is reached, the Qos continuity can't be guaranteed.

China Mobile: For my point of view, the update of new quota should better to be taken before the report of last unit of previous quota to the AF. Hence we can discuss which way to go forward.

Ericsson: I’d like to mention both in TS 29.214 clause 4.4.6.6 and TS 29.514 clause 4.2.5.6 Reporting usage for sponsored data connectivity,

No description of AF/PCF behavior on your concerned “Qos continuity can't be guaranteed” upon AF receive usage report then respond a new usage threshold, unless AF itself decide to terminate the session.

For Sponsored Data Connectivity, AF is controlling quota management, not NEF/PCF. AF does not require PCF to terminate or change QoS before responding new usage threshold.

CT3 agrees that the AF may update the usage threshold before receiving the usage report from the NEF and that a solution has to be specified.

Offline discussions on the detailed scenarios and possible solution.

Huawei: As we agreed in yesterday’s CC, for current SCEF/NEF Northbound interfaces, no clear description on whether the AF needs to provide extra quota until receiving usage report. Clarification is needed in stage 3 to avoid misunderstanding for implementation.

The use case is the update of new quota should better to be taken before the report of last unit of previous quota to the AF, especially, when the user bought more threshold via application layer before the previous request threshold run out.

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

**C3-210187 Correction on UE initiated PDU session modification**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0676 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210223 Encoding of Snssai as key of a map**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0155 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210224 Encoding of Snssai as key of a map**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0233 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**C3-210230 Discussion on PCF and SMF behavior when deleting PCC rule(s)**

*Type: discussion For: Decision  
 Source: China Mobile Communications Group Co.,Ltd.*

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

**C3-210235 Updates to Application Identifier in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0341 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210236 Updates to Application Identifier in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0342 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210241 Reporting Session S-NSSAI to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0077 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210286**.

**C3-210286 Reporting Session S-NSSAI to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0077 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210241)

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

**C3-210242 Reporting Session S-NSSAI to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0078 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210287**.

**C3-210287 Reporting Session S-NSSAI to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0078 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210242)

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

**C3-210243 Reporting FQDN of CHF to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0079 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210288**.

**C3-210288 Reporting FQDN of CHF to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0079 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210243)

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

**C3-210244 Reporting FQDN of CHF to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0080 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210245 Reporting FQDN of Serving NF to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0081 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210290**.

**C3-210290 Reporting FQDN of Serving NF to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0081 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210245)

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

**C3-210246 Reporting FQDN of Serving NF to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0082 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210249 Correction to location information usage**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0034 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-210289**.

**C3-210289 Correction to location information usage**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0034 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210249)

**Decision:** The document was **revised to C3-210371**.

**C3-210371 Correction to location information usage**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0034 rev 2 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210289)

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

**C3-210262 Update DNN and S-NSSAI in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0347 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210263 Update DNN and S-NSSAI in ChargeableParty procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0270 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210264 Update DNN and S-NSSAI in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0348 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210265 Update DNN and S-NSSAI in AsSessionWithQoS API procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0271 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

**C3-210266 Correction of a reference to the wrong attribute name for the reported presence reporting area information**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0682 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**C3-210310 LS on NSI ID on N7 interface**

*Type: LS out For: Approval  
 to SA2, cc CT4  
 Source: Huawei*

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

### 17.12 Inclusive language in TSs & TRs

**C3-210015 Status of CT3 TR/TSs for the handling of Inclusive language**

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

**Decision:** The document was **revised to C3-210326**.

**C3-210326 Status of CT3 TR/TSs for the handling of Inclusive language**

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

(Replaces C3-210015)

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

**C3-210044 Removing non-inclusive wording**

*Type: CR For: Agreement  
 29.163 v16.4.0 CR-1073 Cat: D (Rel-17)  
  
 Source: Nokia, Nokia Shanghai-Bell, Ericsson*

**Abstract:**

Non inclusive master-slave determination wording related to H.245 is removed

**Decision:** The document was **revised to C3-210277**.

**C3-210277 Inclusive language review – 29.163**

*Type: CR For: Agreement  
 29.163 v16.4.0 CR-1073 rev 1 Cat: D (Rel-17)  
  
 Source: Nokia, Nokia Shanghai-Bell, Ericsson*

(Replaces C3-210044)

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

## 18 Work Organisation

### 18.1 Work Plan Review

**C3-210009 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

**Decision:** The document was **revised to C3-210416**.

**C3-210416 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

(Replaces C3-210009)

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

**C3-210012 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

**C3-210013 Meeting Calendar**

*Type: other For: Information  
 Source: MCC*

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

## 19 Joint Sessions

## 20 Summary of results

## 21 Any other business

## 22 Closing of the meeting

Report prepared by: MCC

## Annex A: Contribution documents and status

### A1: List of TDocs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| C3-210000 | Draft Agenda for the CT3#113 e-Meeting | CT3 chairman | noted |  |  |
| C3-210001 | INFO Proposed Schedule for CT3#113e | CT3 chairman | noted |  |  |
| C3-210002 | Allocation of documents to agenda items (at Deadline) | CT3 chairman | noted |  |  |
| C3-210003 | Allocation of documents to agenda items (Start of Day 1) | CT3 chairman | noted |  |  |
| C3-210004 | Allocation of documents to agenda items (Start of Day 2) | CT3 chairman | noted |  |  |
| C3-210005 | Allocation of documents to agenda items (Start of Day 3) | CT3 chairman | noted |  |  |
| C3-210006 | Allocation of documents to agenda items (Start of Day 4) | CT3 chairman | noted |  |  |
| C3-210007 | Allocation of documents to agenda items (Start of Day 5) | CT3 chairman | noted |  |  |
| C3-210008 | Allocation of documents to agenda items (End of Day 5) | CT3 chairman | noted |  |  |
| C3-210009 | Status of CT3 Work Items | CT3 chairman | revised |  | C3-210416 |
| C3-210010 | Summary of CT#90e related to CT3 | CT3 chairman | noted |  |  |
| C3-210011 | Minutes of CT3#112e | MCC | approved |  |  |
| C3-210012 | WI status report from MCC | MCC | noted |  |  |
| C3-210013 | Meeting Calendar | MCC | noted |  |  |
| C3-210014 | Way of Working for CT3#113e Electronic Meeting | CT3 chairman | noted |  |  |
| C3-210015 | Status of CT3 TR/TSs for the handling of Inclusive language | CT3 chairman | revised |  | C3-210326 |
| C3-210016 | LS on stage 3 aspects for Reliable Data Service Serialization Indication | CT1 | noted |  |  |
| C3-210017 | LS on Network Configuration Parameters Consistent Handling in UDM | CT4 | noted |  |  |
| C3-210018 | LS on UTRAN UE capabilities from CN to Gnb | RAN2 | noted |  |  |
| C3-210019 | LS Response on Support of L2TP in PFCP | SA2 | noted |  |  |
| C3-210020 | LS on Support of Dual Connectivity end to end Redundant User Plane Paths | SA2 | noted |  |  |
| C3-210021 | LS on Use of Inclusive Language in 3GPP | SA | noted |  |  |
| C3-210022 | New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 | ZTE, China Telecom | revised |  | C3-210269 |
| C3-210023 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_Create service operation | Huawei | revised |  | C3-210302 |
| C3-210024 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_UpdateNotify service operation | Huawei | revised |  | C3-210303 |
| C3-210025 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | revised |  | C3-210411 |
| C3-210026 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | revised |  | C3-210412 |
| C3-210027 | Clarification on the applicability of some attributes and data types to UMC feature | Huawei | revised |  | C3-210304 |
| C3-210028 | Addition of the PDU Session with offline charging only indication | Huawei | revised |  | C3-210305 |
| C3-210029 | Reference to the wrong clause for the SMF initiated PDU session termination procedure | Huawei | revised |  | C3-210306 |
| C3-210030 | Correction of a wrong reference to TS 29.514 related to AF session with required QoS procedures | Huawei | revised |  | C3-210307 |
| C3-210031 | Clarification on the applicability of some data types to the SessionRuleErrorHandling feature | Huawei | revised |  | C3-210308 |
| C3-210032 | Clarification on the applicability of some attributes to the 3GPP-PS-Data-Off feature | Huawei | revised |  | C3-210309 |
| C3-210033 | Adding NSI ID as an input parameter of Npcf\_SMPolicyControl\_Create service operation | Huawei | postponed |  |  |
| C3-210034 | Allow the retrieval of a set of policy data subsets for a UE | Huawei | revised |  | C3-210311 |
| C3-210035 | Clarification of eLCS feature applicability only to 5G | Huawei | agreed |  |  |
| C3-210036 | New WID on CT aspects on Dynamically Changing AM Policies in the 5GC | Ericsson | revised |  | C3-210270 |
| C3-210037 | New WID on CT aspects of enhanced support of industrial IoT | Nokia, Nokia Shanghai Bell | revised |  | C3-210271 |
| C3-210038 | CT aspects of proximity based services in 5GS | CATT, OPPO | revised |  | C3-210272 |
| C3-210039 | Miscellaneous corrections to TS 29.512 | Huawei | revised |  | C3-210312 |
| C3-210040 | Correction of the dynamic view status for History-Info header field. | NTT corporation | revised |  | C3-210315 |
| C3-210041 | New WID on CT aspects on Same PCF Selection For AMF and SMF | China Telecom | revised | C3-204031 | C3-210327 |
| C3-210042 | Discussion on CT aspects of Enhanced support of Non-Public Networks | Ericsson | noted |  |  |
| C3-210043 | New WID on CT aspects of Enhanced support of Non-Public Networks | Ericsson | revised |  | C3-210328 |
| C3-210044 | Removing non-inclusive wording | Nokia, Nokia Shanghai-Bell, Ericsson | revised |  | C3-210277 |
| C3-210045 | Correct presence condition in ACS provisioning procedure | Ericsson | agreed |  |  |
| C3-210046 | Correct presence condition in ACS provisioning procedure | Ericsson | agreed |  |  |
| C3-210047 | Correct AlternativeQoS\_5G description | Ericsson | revised |  | C3-210393 |
| C3-210048 | Correct AlternativeQoS\_5G description | Ericsson | revised |  | C3-210394 |
| C3-210049 | Correct applied QoS reference for QoS not guaranteed | Ericsson | agreed |  |  |
| C3-210050 | Correct applied QoS reference for QoS not guaranteed | Ericsson | agreed |  |  |
| C3-210051 | Correct service parameter provisioning procedure | Ericsson | revised |  | C3-210380 |
| C3-210052 | Correct service parameter provisioning procedure | Ericsson | revised |  | C3-210381 |
| C3-210053 | Resource allocation status | Ericsson | revised |  | C3-210414 |
| C3-210054 | Resource allocation status | Ericsson | revised |  | C3-210415 |
| C3-210055 | Correct figure number | Ericsson | agreed |  |  |
| C3-210056 | Discussion on CT impacts of 5G\_ProSe | OPPO, CATT | noted |  |  |
| C3-210057 | Interworking scenario support | Huawei | not pursued |  |  |
| C3-210058 | Interworking scenario support | Huawei | revised |  | C3-210366 |
| C3-210059 | Correction to the access network information report | Huawei | revised |  | C3-210426 |
| C3-210060 | Correction to the access network information report | Huawei | revised |  | C3-210427 |
| C3-210061 | Further correction to PolicyDecisionErrorHandling feature | Huawei | postponed |  |  |
| C3-210062 | Further correction to PolicyDecisionErrorHandling feature | Huawei | postponed |  |  |
| C3-210063 | Support of stateless NFs | Huawei | revised |  | C3-210347 |
| C3-210064 | Support of stateless NFs | Huawei | revised |  | C3-210348 |
| C3-210065 | Support of stateless NFs | Huawei | revised |  | C3-210349 |
| C3-210066 | Support of stateless NFs | Huawei | revised |  | C3-210350 |
| C3-210067 | Support of stateless NFs | Huawei | revised |  | C3-210351 |
| C3-210068 | Support of stateless NFs | Huawei | revised |  | C3-210352 |
| C3-210069 | Support of stateless NFs | Huawei | revised |  | C3-210353 |
| C3-210070 | Support of stateless NFs | Huawei | revised |  | C3-210354 |
| C3-210071 | Support of stateless NFs | Huawei | revised |  | C3-210355 |
| C3-210072 | Support of stateless NFs | Huawei | revised |  | C3-210356 |
| C3-210073 | Support of stateless NFs | Huawei | revised |  | C3-210357 |
| C3-210074 | Support of stateless NFs | Huawei | revised |  | C3-210358 |
| C3-210075 | Support of stateless NFs | Huawei | revised |  | C3-210359 |
| C3-210076 | Support of stateless NFs | Huawei | revised |  | C3-210421 |
| C3-210077 | Support of stateless NFs | Huawei | revised |  | C3-210360 |
| C3-210078 | Supported feature number of ES3XX | Huawei | agreed |  |  |
| C3-210079 | Corretion to the Group Id update | Huawei | revised |  | C3-210332 |
| C3-210080 | Corretion to the Group Id update | Huawei | revised |  | C3-210333 |
| C3-210081 | PCC control for DDD status and availability after DDN fai | Huawei | revised |  | C3-210339 |
| C3-210082 | PCC control for DDD status and availability after DDN fai | Huawei | revised |  | C3-210340 |
| C3-210083 | Correction to alternative QoS paramter report | Huawei | revised |  | C3-210378 |
| C3-210084 | Correction to alternative QoS paramter report | Huawei | revised |  | C3-210379 |
| C3-210085 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210382 |
| C3-210086 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210383 |
| C3-210087 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210384 |
| C3-210088 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210385 |
| C3-210089 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210398 |
| C3-210090 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210399 |
| C3-210091 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised |  | C3-210400 |
| C3-210092 | Policy control for Redundant PDU Session | Huawei | merged |  |  |
| C3-210093 | Policy control for Redundant PDU Session | Huawei | merged |  |  |
| C3-210094 | Procedure of QoS monitoring report during the PDU session termination | Huawei | merged |  |  |
| C3-210095 | Procedure of QoS monitoring report during the PDU session termination | Huawei | merged |  |  |
| C3-210096 | QoS flow binding for QoS monitoring | Huawei | postponed |  |  |
| C3-210097 | QoS flow binding for QoS monitoring | Huawei | postponed |  |  |
| C3-210098 | QoS monitoring report during the PDU session termination | Huawei | revised |  | C3-210386 |
| C3-210099 | QoS monitoring report during the PDU session termination | Huawei | revised |  | C3-210387 |
| C3-210100 | Resolve the FFS for notification push | Huawei, China Telecom | revised |  | C3-210278 |
| C3-210101 | Partial pull update | Huawei, China Telecom | revised |  | C3-210279 |
| C3-210102 | Procedure of notification push update | Huawei, China Telecom | revised |  | C3-210280 |
| C3-210103 | Procedure of partial pull | Huawei, China Telecom | revised |  | C3-210281 |
| C3-210104 | Partial pull update | Huawei, China Telecom | revised |  | C3-210282 |
| C3-210105 | Procedure of partial pull update | Huawei, China Telecom | agreed |  |  |
| C3-210106 | Revised WID on PFD management enhancement | Huawei, China Telecom | agreed |  |  |
| C3-210107 | User Location Change PCRT not supported in wireline access | Ericsson | agreed |  |  |
| C3-210108 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | revised |  | C3-210341 |
| C3-210109 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | revised |  | C3-210342 |
| C3-210110 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | revised |  | C3-210343 |
| C3-210111 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | revised |  | C3-210344 |
| C3-210112 | Correction to location information | Ericsson | revised |  | C3-210345 |
| C3-210113 | Correction to Framed Routing feature | Ericsson | agreed |  | - |
| C3-210114 | Correction to Wireline Access information | Ericsson | revised |  | C3-210346 |
| C3-210115 | Redundant User Plane Paths | Ericsson | revised |  | C3-210405 |
| C3-210116 | Support of AF instance change | Huawei | revised |  | C3-210423 |
| C3-210117 | Support of AF instance change | Huawei | revised |  | C3-210424 |
| C3-210118 | Support of AF instance change | Huawei | postponed |  |  |
| C3-210119 | Support of AF instance change | Huawei | postponed |  |  |
| C3-210120 | Support of AF instance change | Huawei | postponed |  |  |
| C3-210121 | Support of AF instance change | Huawei | postponed |  |  |
| C3-210122 | Procedure for Naanf\_AKMA\_AnchorKey\_Register | Huawei, China Mobile | revised |  | C3-210291 |
| C3-210123 | API definition for Naanf\_AKMA\_AnchorKey\_Register | Huawei, China Mobile | revised |  | C3-210292 |
| C3-210124 | Support Stateless NFs for AKMA API | Huawei | revised |  | C3-210374 |
| C3-210125 | Missed 204 No Content for AKMA API | Huawei | agreed |  |  |
| C3-210126 | Last known location report | Huawei | revised |  | C3-210389 |
| C3-210127 | Last known location report | Huawei | revised |  | C3-210390 |
| C3-210128 | Last known location report | Huawei | revised |  | C3-210391 |
| C3-210129 | Last known location report | Huawei | revised |  | C3-210392 |
| C3-210130 | API design style | Huawei | revised |  | C3-210285 |
| C3-210131 | Default value of accuary | Huawei | agreed |  |  |
| C3-210132 | Default value of accuary | Huawei | agreed |  |  |
| C3-210133 | Default value of accuary | Huawei | agreed |  |  |
| C3-210134 | Default value of accuary | Huawei | agreed |  |  |
| C3-210135 | New WID on CT Aspects of 5G eEDGE | Huawei | revised |  | C3-210273 |
| C3-210136 | 5G eEDGE CT work plan | Huawei | noted |  |  |
| C3-210137 | Redundant User Plane Paths | Ericsson | revised |  | C3-210406 |
| C3-210138 | Impacts of eNS\_Ph2 to CT WGs | ZTE | noted |  |  |
| C3-210139 | New WID on Enhancement of Network Slicing Phase 2 | ZTE, China Telecom | revised |  | C3-210274 |
| C3-210140 | Correction to N2 PC5 policy | ZTE | revised |  | C3-210401 |
| C3-210141 | Correction to N2 PC5 policy | ZTE | revised |  | C3-210402 |
| C3-210142 | Correction to N2 PC5 policy provision procedure | ZTE | revised |  | C3-210403 |
| C3-210143 | Correction to N2 PC5 policy provision procedure | ZTE | revised |  | C3-210404 |
| C3-210144 | Correction to anyUeInd attribute | ZTE | agreed |  |  |
| C3-210145 | Correction to anyUeInd attribute | ZTE | agreed |  |  |
| C3-210146 | Correction to repPolicyCtrlReqTrigger attribute | ZTE | agreed |  |  |
| C3-210147 | Correction to repPolicyCtrlReqTrigger attribute | ZTE | agreed |  |  |
| C3-210148 | Correction to multiple access type conditioned session rules | ZTE | revised |  | C3-210419 |
| C3-210149 | Correction to multiple access type conditioned session rules | ZTE | revised |  | C3-210420 |
| C3-210150 | Correction to QOS\_DEC\_ERR and CH\_DEC\_ERR | ZTE | agreed |  |  |
| C3-210151 | Correction to QOS\_DEC\_ERR and CH\_DEC\_ERR | ZTE | agreed |  |  |
| C3-210152 | mandate notifCorreId for QoS monitoring subscrtiption | ZTE | revised |  | C3-210410 |
| C3-210153 | QoS monitoring procedure | ZTE | revised |  | C3-210407 |
| C3-210154 | QoS monitoring procedure | ZTE | revised |  | C3-210408 |
| C3-210155 | Correction to Monitoring key definition | ZTE | revised |  | C3-210313 |
| C3-210156 | Clean up TS references | ZTE | revised |  | C3-210314 |
| C3-210157 | Corrections on partial pull | China Telecom | revised |  | C3-210283 |
| C3-210158 | Corrections on partial pull | China Telecom, Huawei | revised |  | C3-210284 |
| C3-210159 | Correction to access type conditioned session rule | Ericsson | revised |  | C3-210330 |
| C3-210160 | Correction to access type conditioned session rule | Ericsson | revised |  | C3-210331 |
| C3-210161 | IMEI over Rx reference point | Orange / Mariusz | postponed |  |  |
| C3-210162 | IMEI over Rx reference point | Orange / Mariusz | postponed |  |  |
| C3-210163 | Correction to "resourceUri" attribute description | Ericsson | revised |  | C3-210432 |
| C3-210164 | Definition addition to TS29.594 | Huawei | revised |  | C3-210316 |
| C3-210165 | Optional header 3gpp-Sbi-Correlation-Info introduction | Huawei | revised |  | C3-210413 |
| C3-210166 | Support Stateless NFs | Huawei | revised |  | C3-210361 |
| C3-210167 | Support Stateless NFs | Huawei | revised |  | C3-210362 |
| C3-210168 | Monitoring expire time | Huawei | agreed |  |  |
| C3-210169 | Monitoring expire time | Huawei | agreed |  |  |
| C3-210170 | Support Stateless NFs | Huawei | revised |  | C3-210363 |
| C3-210171 | Support Stateless NFs | Huawei | revised |  | C3-210364 |
| C3-210172 | Support Stateless NFs | Huawei | agreed |  |  |
| C3-210173 | Support Stateless NFs | Huawei | revised |  | C3-210365 |
| C3-210174 | Support Stateless NFs | Huawei | agreed |  |  |
| C3-210175 | Support Stateless NFs | Huawei | agreed |  |  |
| C3-210176 | Discussion on AS session with QoS procedure | Huawei | revised |  | C3-210267 |
| C3-210177 | Correction to "resourceUri" attribute description | Ericsson | revised |  | C3-210433 |
| C3-210178 | Skeleton for TS 29.558 | Samsung Electronics Iberia SA | revised |  | C3-210300 |
| C3-210179 | EDGEAPP - Workplan | Samsung Electronics Iberia SA | noted |  |  |
| C3-210180 | Alignment of BDT policy re-negotiation | Ericsson, Huawei | agreed |  |  |
| C3-210181 | Alignment of BDT policy re-negotiation | Ericsson, Huawei | agreed |  |  |
| C3-210182 | Pseudo-CR on Terms and Abbreviation | Samsung Electronics Iberia SA | agreed |  |  |
| C3-210183 | Correction to resource identifiers descriptions used in notifications | Ericsson | revised |  | C3-210434 |
| C3-210184 | Pseudo-CR on Scope and Overview | Samsung Electronics Iberia SA | revised |  | C3-210301 |
| C3-210185 | Pseudo-CR on Open API generic clause | Samsung Electronics Iberia SA | revised |  | C3-210321 |
| C3-210186 | Discussion Paper: Refresh of KAF & KAKMA | Samsung Electronics Iberia SA | noted |  |  |
| C3-210187 | Correction on UE initiated PDU session modification | Ericsson | agreed |  |  |
| C3-210188 | CAPIF\_Security API externalDocs version correction | Samsung Electronics Iberia SA | revised |  | C3-210397 |
| C3-210189 | Correction to TSN scenarios. | Ericsson | revised |  | C3-210334 |
| C3-210190 | Correction to TSN scenarios. | Ericsson | revised |  | C3-210335 |
| C3-210191 | Correction to TSN scenarios. | Ericsson | revised |  | C3-210336 |
| C3-210192 | Correction to TSN scenarios. | Ericsson | revised |  | C3-210337 |
| C3-210193 | Removal of strange text | Ericsson, Nokia, Nokia Shanghai-Bell | agreed |  |  |
| C3-210194 | Correction to TSN scenarios. | Ericsson | revised |  | C3-210338 |
| C3-210195 | Storage of YAML files in ETSI Forge | Ericsson | agreed |  |  |
| C3-210196 | Storage of YAML files in ETSI Forge | Ericsson | agreed |  |  |
| C3-210197 | Storage of YAML files in ETSI Forge | Ericsson | agreed |  |  |
| C3-210198 | OpenAPI "description" fields in data type definitions | Ericsson | revised |  | C3-210317 |
| C3-210199 | Update of "description" field for map data types | Ericsson | agreed |  |  |
| C3-210200 | Adding "description" field for map data types | Ericsson | agreed |  |  |
| C3-210201 | Update of "description" field for map data types | Ericsson | agreed |  |  |
| C3-210202 | Adding "description" field for map data types | Ericsson | revised |  | C3-210318 |
| C3-210203 | Adding "description" field for map data types | Ericsson | agreed |  |  |
| C3-210204 | Adding "description" field for map data types | Ericsson | agreed |  |  |
| C3-210205 | Adding "description" field for map data types | Ericsson | agreed |  |  |
| C3-210206 | Update of "description" field for racsReports | Ericsson | agreed |  |  |
| C3-210207 | Removal of resource URI from Notify service operations | Ericsson | revised |  | C3-210319 |
| C3-210208 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210209 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210210 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210211 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210212 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210213 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210214 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210215 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210216 | OpenAPI reference | Ericsson | revised |  | C3-210320 |
| C3-210217 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210218 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210219 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210220 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210221 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210222 | OpenAPI reference | Ericsson | agreed |  |  |
| C3-210223 | Encoding of Snssai as key of a map | Ericsson | agreed |  |  |
| C3-210224 | Encoding of Snssai as key of a map | Ericsson | agreed |  |  |
| C3-210225 | notifyUri used by notification | ZTE | revised |  | C3-210395 |
| C3-210226 | notifyUri used by notification | ZTE | revised |  | C3-210396 |
| C3-210227 | Introduction of Naanf\_AKMA Service | China Mobile Communications Group Co.,Ltd., Huawei | revised |  | C3-210293 |
| C3-210228 | Naanf\_AKMA\_ApplicationKey\_Get service operation | China Mobile Communications Group Co.,Ltd., Huawei | revised |  | C3-210294 |
| C3-210229 | New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Communications Group Co.,Ltd. | revised |  | C3-210329 |
| C3-210230 | Discussion on PCF and SMF behavior when deleting PCC rule(s) | China Mobile Communications Group Co.,Ltd. | noted |  |  |
| C3-210231 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | revised |  | C3-210367 |
| C3-210232 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | revised |  | C3-210368 |
| C3-210233 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | revised |  | C3-210369 |
| C3-210234 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | revised |  | C3-210370 |
| C3-210235 | Updates to Application Identifier in ChargeableParty API | Ericsson | postponed |  |  |
| C3-210236 | Updates to Application Identifier in AsSessionWithQoS API | Ericsson | postponed |  |  |
| C3-210237 | Update of the reference point interface representation of AKMA | Ericsson | revised |  | C3-210295 |
| C3-210238 | Correction to AfId in AKMA API | Ericsson | revised |  | C3-210296 |
| C3-210239 | Update of the service operations introduction of AKMA | Ericsson | merged |  |  |
| C3-210240 | Correction to AKId in AKMA API | Ericsson | revised |  | C3-210297 |
| C3-210241 | Reporting Session S-NSSAI to RADIUS DN-AAA server | Ericsson | revised |  | C3-210286 |
| C3-210242 | Reporting Session S-NSSAI to Diameter DN-AAA server | Ericsson | revised |  | C3-210287 |
| C3-210243 | Reporting FQDN of CHF to RADIUS DN-AAA server | Ericsson | revised |  | C3-210288 |
| C3-210244 | Reporting FQDN of CHF to Diameter DN-AAA server | Ericsson | postponed |  | - |
| C3-210245 | Reporting FQDN of Serving NF to RADIUS DN-AAA server | Ericsson | revised |  | C3-210290 |
| C3-210246 | Reporting FQDN of Serving NF to Diameter DN-AAA server | Ericsson | agreed |  |  |
| C3-210247 | Update Descriptions for PAPCHAP in RADIUS message flow | Ericsson | revised |  | C3-210298 |
| C3-210248 | Update Descriptions for PAPCHAP in Diameter message flow | Ericsson | revised |  | C3-210299 |
| C3-210249 | Correction to location information usage | Ericsson | revised |  | C3-210289 |
| C3-210250 | Correction to S-NSSAI applicability | Ericsson | revised |  | C3-210417 |
| C3-210251 | Correction to S-NSSAI applicability | Ericsson | revised |  | C3-210418 |
| C3-210252 | Correction to AF ID in ECRControl API | Ericsson | agreed |  | - |
| C3-210253 | Correction to AF ID in ECRControl API | Ericsson | agreed |  | - |
| C3-210254 | Correction to mtcProviderId in ECRControl API | Ericsson | agreed |  |  |
| C3-210255 | Correction to mtcProviderId in ECRControl API | Ericsson | agreed |  |  |
| C3-210256 | New WID on CT aspects on Dynamic Management of Group-based Event Monitoring | Ericsson | revised |  | C3-210275 |
| C3-210257 | New WID on CT aspects on N6 interface Enhancement | Ericsson | postponed |  |  |
| C3-210258 | Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS | Ericsson | revised |  | C3-210276 |
| C3-210259 | New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | Qualcomm Incorporated | revised |  | C3-210324 |
| C3-210260 | Revised WID on CT aspects of 5GC architecture for satellite networks | Qualcomm Incorporated | postponed |  |  |
| C3-210261 | Satellite backhaul change policy control request trigger | Qualcomm Incorporated | postponed |  |  |
| C3-210262 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | postponed |  |  |
| C3-210263 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | postponed |  |  |
| C3-210264 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | postponed |  |  |
| C3-210265 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | postponed |  |  |
| C3-210266 | Correction of a reference to the wrong attribute name for the reported presence reporting area information | Huawei | postponed |  |  |
| C3-210267 | Discussion on AS session with QoS procedure | Huawei, China Unicom, China Telecom, China Mobile | noted | C3-210176 |  |
| C3-210268 | Invalid Nnef\_PFDmanagement OpenAPI file | Ericsson, ZTE | agreed |  |  |
| C3-210269 | New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 | ZTE, China Telecom | revised | C3-210022 | C3-210376 |
| C3-210270 | New WID on CT aspects on Dynamically Changing AM Policies in the 5GC | Ericsson | agreed | C3-210036 | - |
| C3-210271 | New WID on CT aspects of enhanced support of industrial IoT | Nokia, Nokia Shanghai Bell | revised | C3-210037 | C3-210375 |
| C3-210272 | CT aspects of proximity based services in 5GS | CATT, OPPO | postponed | C3-210038 | - |
| C3-210273 | New WID on CT Aspects of 5G eEDGE | Huawei | revised | C3-210135 | C3-210372 |
| C3-210274 | New WID on Enhancement of Network Slicing Phase 2 | ZTE, China Telecom | endorsed | C3-210139 | - |
| C3-210275 | New WID on CT aspects on Dynamic Management of Group-based Event Monitoring | Ericsson | agreed | C3-210256 | - |
| C3-210276 | Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS | Ericsson | not pursued | C3-210258 | - |
| C3-210277 | Inclusive language review – 29.163 | Nokia, Nokia Shanghai-Bell, Ericsson | agreed | C3-210044 | - |
| C3-210278 | Resolve the FFS for notification push | Huawei, China Telecom, Ericsson | agreed | C3-210100 | - |
| C3-210279 | Partial pull update | Huawei, China Telecom | agreed | C3-210101 | - |
| C3-210280 | Procedure of notification push update | Huawei, China Telecom, Ericsson | agreed | C3-210102 | - |
| C3-210281 | Procedure of partial pull | Huawei, China Telecom, Ericsson | agreed | C3-210103 | - |
| C3-210282 | Partial pull update | Huawei, China Telecom, Ericsson | agreed | C3-210104 | - |
| C3-210283 | Corrections on partial pull | China Telecom, Ericsson, Huawei | revised | C3-210157 | C3-210428 |
| C3-210284 | Corrections on partial pull | China Telecom, Huawei | revised | C3-210158 | C3-210429 |
| C3-210285 | API design style | Huawei | agreed | C3-210130 | - |
| C3-210286 | Reporting Session S-NSSAI to RADIUS DN-AAA server | Ericsson | agreed | C3-210241 | - |
| C3-210287 | Reporting Session S-NSSAI to Diameter DN-AAA server | Ericsson | agreed | C3-210242 | - |
| C3-210288 | Reporting FQDN of CHF to RADIUS DN-AAA server | Ericsson | postponed | C3-210243 | - |
| C3-210289 | Correction to location information usage | Ericsson | revised | C3-210249 | C3-210371 |
| C3-210290 | Reporting FQDN of Serving NF to RADIUS DN-AAA server | Ericsson | agreed | C3-210245 | - |
| C3-210291 | Procedure for Naanf\_AKMA\_AnchorKey\_Register | Huawei, China Mobile | agreed | C3-210122 | - |
| C3-210292 | API definition for Naanf\_AKMA\_AnchorKey\_Register | Huawei, China Mobile | agreed | C3-210123 | - |
| C3-210293 | Introduction of Naanf\_AKMA Service | China Mobile Communications Group Co.,Ltd., Huawei, Ericsson | agreed | C3-210227 | - |
| C3-210294 | Naanf\_AKMA\_ApplicationKey\_Get service operation | China Mobile Communications Group Co.,Ltd., Huawei | agreed | C3-210228 | - |
| C3-210295 | Update of the reference point interface representation of AKMA | Ericsson | agreed | C3-210237 | - |
| C3-210296 | Correction to AfId in AKMA API | Ericsson | agreed | C3-210238 | - |
| C3-210297 | Correction to AKId in AKMA API | Ericsson | agreed | C3-210240 | - |
| C3-210298 | Update Descriptions for PAPCHAP in RADIUS message flow | Ericsson, China Telecom | agreed | C3-210247 | - |
| C3-210299 | Update Descriptions for PAPCHAP in Diameter message flow | Ericsson, China Telecom | agreed | C3-210248 | - |
| C3-210300 | Skeleton for TS 29.558 | Samsung Electronics Iberia SA | agreed | C3-210178 | - |
| C3-210301 | Pseudo-CR on Scope and Overview | Samsung Electronics Iberia SA | agreed | C3-210184 | - |
| C3-210302 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_Create service operation | Huawei | agreed | C3-210023 | - |
| C3-210303 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_UpdateNotify service operation | Huawei | agreed | C3-210024 | - |
| C3-210304 | Clarification on the applicability of some attributes and data types to UMC feature | Huawei | agreed | C3-210027 | - |
| C3-210305 | Addition of the PDU Session with offline charging only indication | Huawei | agreed | C3-210028 | - |
| C3-210306 | Reference to the wrong clause for the SMF initiated PDU session termination procedure | Huawei | agreed | C3-210029 | - |
| C3-210307 | Correction of a wrong reference to TS 29.514 related to AF session with required QoS procedures | Huawei | agreed | C3-210030 | - |
| C3-210308 | Clarification on the applicability of some data types to the SessionRuleErrorHandling feature | Huawei | agreed | C3-210031 | - |
| C3-210309 | Clarification on the applicability of some attributes to the 3GPP-PS-Data-Off feature | Huawei | agreed | C3-210032 | - |
| C3-210310 | LS on NSI ID on N7 interface | Huawei | approved | - | - |
| C3-210311 | Allow the retrieval of a set of policy data subsets for a UE | Huawei | agreed | C3-210034 | - |
| C3-210312 | Miscellaneous corrections to TS 29.512 | Huawei | agreed | C3-210039 | - |
| C3-210313 | Correction to Monitoring key definition | ZTE | agreed | C3-210155 | - |
| C3-210314 | Clean up TS references | ZTE | agreed | C3-210156 | - |
| C3-210315 | Correction of the dynamic view status for History-Info header field. | NTT corporation | agreed | C3-210040 | - |
| C3-210316 | Definition addition to TS29.594 | Huawei | agreed | C3-210164 | - |
| C3-210317 | OpenAPI "description" fields in data type definitions | Ericsson | agreed | C3-210198 | - |
| C3-210318 | Adding "description" field for map data types | Ericsson | agreed | C3-210202 | - |
| C3-210319 | Removal of resource URI from Notify service operations | Ericsson | agreed | C3-210207 | - |
| C3-210320 | OpenAPI reference | Ericsson | agreed | C3-210216 | - |
| C3-210321 | Pseudo-CR on Open API generic clause | Samsung Electronics Iberia SA | agreed | C3-210185 | - |
| C3-210322 | TS 29.558 v0.1.0 | Samsung Electronics Iberia SA | reserved | - | - |
| C3-210323 | TS 29.535 v0.2.0 | China Mobile Communications Group Co.,Ltd | available | - | - |
| C3-210324 | New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | Qualcomm Incorporated | revised | C3-210259 | C3-210373 |
| C3-210325 | Reply to LS on APIs in EDGEAPP | SA6 | noted | - | - |
| C3-210326 | Status of CT3 TR/TSs for the handling of Inclusive language | CT3 chairman | noted | C3-210015 | - |
| C3-210327 | New WID on CT aspects on Same PCF Selection For AMF and SMF | China Telecom | endorsed | C3-210041 | - |
| C3-210328 | New WID on CT aspects of Enhanced support of Non-Public Networks | Ericsson | endorsed | C3-210043 | - |
| C3-210329 | New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Communications Group Co.,Ltd. | revised | C3-210229 | C3-210431 |
| C3-210330 | Correction to access type conditioned session rule | Ericsson | agreed | C3-210159 | - |
| C3-210331 | Correction to access type conditioned session rule | Ericsson | agreed | C3-210160 | - |
| C3-210332 | Corretion to the Group Id update | Huawei | agreed | C3-210079 | - |
| C3-210333 | Corretion to the Group Id update | Huawei | agreed | C3-210080 | - |
| C3-210334 | Correction to TSN scenarios. | Ericsson | agreed | C3-210189 | - |
| C3-210335 | Correction to TSN scenarios. | Ericsson | agreed | C3-210190 | - |
| C3-210336 | Correction to TSN scenarios. | Ericsson | agreed | C3-210191 | - |
| C3-210337 | Correction to TSN scenarios. | Ericsson | agreed | C3-210192 | - |
| C3-210338 | Correction to TSN scenarios. | Ericsson | agreed | C3-210194 | - |
| C3-210339 | PCC control for DDD status and availability after DDN failure events | Huawei | agreed | C3-210081 | - |
| C3-210340 | PCC control for DDD status and availability after DDN failure events | Huawei | agreed | C3-210082 | - |
| C3-210341 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | agreed | C3-210108 | - |
| C3-210342 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | agreed | C3-210109 | - |
| C3-210343 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | agreed | C3-210110 | - |
| C3-210344 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | agreed | C3-210111 | - |
| C3-210345 | Correction to location information | Ericsson | agreed | C3-210112 | - |
| C3-210346 | Correction to Wireline Access information | Ericsson | agreed | C3-210114 | - |
| C3-210347 | Support of stateless NFs | Huawei | agreed | C3-210063 | - |
| C3-210348 | Support of stateless NFs | Huawei | agreed | C3-210064 | - |
| C3-210349 | Support of stateless NFs | Huawei | agreed | C3-210065 | - |
| C3-210350 | Support of stateless NFs | Huawei | agreed | C3-210066 | - |
| C3-210351 | Support of stateless NFs | Huawei | agreed | C3-210067 | - |
| C3-210352 | Support of stateless NFs | Huawei | agreed | C3-210068 | - |
| C3-210353 | Support of stateless NFs | Huawei | agreed | C3-210069 | - |
| C3-210354 | Support of stateless NFs | Huawei | agreed | C3-210070 | - |
| C3-210355 | Support of stateless NFs | Huawei | agreed | C3-210071 | - |
| C3-210356 | Support of stateless NFs | Huawei | agreed | C3-210072 | - |
| C3-210357 | Support of stateless NFs | Huawei | agreed | C3-210073 | - |
| C3-210358 | Support of stateless NFs | Huawei | agreed | C3-210074 | - |
| C3-210359 | Support of stateless NFs | Huawei | agreed | C3-210075 | - |
| C3-210360 | Support of stateless NFs | Huawei | revised | C3-210077 | C3-210422 |
| C3-210361 | Support Stateless NFs for TrafficInfluence API | Huawei | agreed | C3-210166 | - |
| C3-210362 | Support Stateless NFs for TrafficInfluence API | Huawei | agreed | C3-210167 | - |
| C3-210363 | Support Stateless NFs for MonitoringEvent API | Huawei | agreed | C3-210170 | - |
| C3-210364 | Support Stateless NFs for MonitoringEvent API | Huawei | agreed | C3-210171 | - |
| C3-210365 | Support Stateless NFs | Huawei | agreed | C3-210173 | - |
| C3-210366 | Interworking scenario support | Huawei, Ericsson | agreed | C3-210058 | - |
| C3-210367 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | agreed | C3-210231 | - |
| C3-210368 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | agreed | C3-210232 | - |
| C3-210369 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | agreed | C3-210233 | - |
| C3-210370 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | agreed | C3-210234 | - |
| C3-210371 | Correction to location information usage | Ericsson | agreed | C3-210289 | - |
| C3-210372 | New WID on CT Aspects of 5G eEDGE | Huawei | endorsed | C3-210273 | - |
| C3-210373 | New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | Qualcomm Incorporated | endorsed | C3-210324 | - |
| C3-210374 | Support Stateless NFs for AKMA API | Huawei | agreed | C3-210124 | - |
| C3-210375 | New WID on CT aspects of enhanced support of industrial IoT | Nokia, Nokia Shanghai Bell | endorsed | C3-210271 | - |
| C3-210376 | New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 | ZTE, China Telecom | endorsed | C3-210269 | - |
| C3-210377 | LS on Secondary AUTH for 5GS interworking with EPS | Ericsson | approved | - | - |
| C3-210378 | Correction to alternative QoS paramter report | Huawei, Ericsson | agreed | C3-210083 | - |
| C3-210379 | Correction to alternative QoS paramter report | Huawei, Ericsson | agreed | C3-210084 | - |
| C3-210380 | Correct service parameter provisioning procedure | Ericsson | agreed | C3-210051 | - |
| C3-210381 | Correct service parameter provisioning procedure | Ericsson | agreed | C3-210052 | - |
| C3-210382 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised | C3-210085 | C3-210430 |
| C3-210383 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210086 | - |
| C3-210384 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210087 | - |
| C3-210385 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210088 | - |
| C3-210386 | QoS monitoring report during the PDU session termination | Huawei | agreed | C3-210098 | - |
| C3-210387 | QoS monitoring report during the PDU session termination | Huawei | agreed | C3-210099 | - |
| C3-210388 | LS on Support of AF instance change | Huawei | approved | - | - |
| C3-210389 | Last known location report | Huawei | agreed | C3-210126 | - |
| C3-210390 | Last known location report | Huawei | agreed | C3-210127 | - |
| C3-210391 | Last known location report | Huawei | agreed | C3-210128 | - |
| C3-210392 | Last known location report | Huawei | agreed | C3-210129 | - |
| C3-210393 | Correct AlternativeQoS\_5G description | Ericsson | agreed | C3-210047 | - |
| C3-210394 | Correct AlternativeQoS\_5G description | Ericsson | agreed | C3-210048 | - |
| C3-210395 | notifyUri used by notification | ZTE | agreed | C3-210225 | - |
| C3-210396 | notifyUri used by notification | ZTE | agreed | C3-210226 | - |
| C3-210397 | CAPIF\_Security API externalDocs version correction | Samsung Electronics Iberia SA | agreed | C3-210188 | - |
| C3-210398 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210089 | - |
| C3-210399 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210090 | - |
| C3-210400 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | revised | C3-210091 | C3-210435 |
| C3-210401 | Correction to N2 PC5 policy | ZTE | agreed | C3-210140 | - |
| C3-210402 | Correction to N2 PC5 policy | ZTE | agreed | C3-210141 | - |
| C3-210403 | Correction to N2 PC5 policy provision procedure | ZTE | agreed | C3-210142 | - |
| C3-210404 | Correction to N2 PC5 policy provision procedure | ZTE | agreed | C3-210143 | - |
| C3-210405 | Redundant User Plane Paths | Ericsson, Huawei | postponed | C3-210115 | - |
| C3-210406 | Redundant User Plane Paths | Ericsson, Huawei | postponed | C3-210137 | - |
| C3-210407 | QoS monitoring procedure | ZTE, Huawei | agreed | C3-210153 | - |
| C3-210408 | QoS monitoring procedure | ZTE, Huawei | agreed | C3-210154 | - |
| C3-210409 | LS on QoS monitoring control for Service Data Flows | Huawei | approved | - | - |
| C3-210410 | mandate notifCorreId for QoS monitoring subscrtiption | ZTE | agreed | C3-210152 | - |
| C3-210411 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | agreed | C3-210025 | - |
| C3-210412 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | agreed | C3-210026 | - |
| C3-210413 | Optional header clearification | Huawei | agreed | C3-210165 | - |
| C3-210414 | Resource allocation status | Ericsson | postponed | C3-210053 | - |
| C3-210415 | Resource allocation status | Ericsson | postponed | C3-210054 | - |
| C3-210416 | Status of CT3 Work Items | CT3 chairman | noted | C3-210009 | - |
| C3-210417 | Correction to S-NSSAI applicability | Ericsson, Huawei | agreed | C3-210250 | - |
| C3-210418 | Correction to S-NSSAI applicability | Ericsson, Huawei | agreed | C3-210251 | - |
| C3-210419 | Correction to multiple access type conditioned session rules | ZTE | agreed | C3-210148 | - |
| C3-210420 | Correction to multiple access type conditioned session rules | ZTE | agreed | C3-210149 | - |
| C3-210421 | Support of stateless NFs | Huawei | agreed | C3-210076 | - |
| C3-210422 | Support of stateless NFs | Huawei | agreed | C3-210360 | - |
| C3-210423 | Change of notification URI | Huawei | agreed | C3-210116 | - |
| C3-210424 | Change of notification URI | Huawei | agreed | C3-210117 | - |
| C3-210425 | LS on Lifetime expiry of AKMA application key | Samsung Electronics Iberia SA | not pursued | - | - |
| C3-210426 | Correction to the access network information report | Huawei | agreed | C3-210059 | - |
| C3-210427 | Correction to the access network information report | Huawei | agreed | C3-210060 | - |
| C3-210428 | Corrections on partial pull | China Telecom, Ericsson, Huawei | agreed | C3-210283 | - |
| C3-210429 | Corrections on partial pull | China Telecom, Huawei | agreed | C3-210284 | - |
| C3-210430 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210382 | - |
| C3-210431 | New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Communications Group Co.,Ltd. | agreed | C3-210329 | - |
| C3-210432 | Correction to "resourceUri" attribute description | Ericsson | agreed | C3-210163 | - |
| C3-210433 | Correction to "resourceUri" attribute description | Ericsson | agreed | C3-210177 | - |
| C3-210434 | Correction to resource identifiers descriptions used in notifications | Ericsson | revised | C3-210183 | C3-210436 |
| C3-210435 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | agreed | C3-210400 | - |
| C3-210436 | Correction to resource identifiers descriptions used in notifications | Ericsson | agreed | C3-210434 | - |

### A2: Tdoc decision timing

|  |  |  |
| --- | --- | --- |
| Document | Date/time UTC | Decision |
| C3-210000 | 2021-01-25 13:04:24 | noted |
| C3-210001 | 2021-02-01 07:27:37 | noted |
| C3-210002 | 2021-01-28 09:03:03 | noted |
| C3-210003 | 2021-01-28 09:03:04 | noted |
| C3-210004 | 2021-01-28 09:03:05 | noted |
| C3-210005 | 2021-01-28 09:03:06 | noted |
| C3-210006 | 2021-01-29 14:07:54 | noted |
| C3-210007 | 2021-01-29 14:07:55 | noted |
| C3-210008 | 2021-02-01 07:27:48 | noted |
| C3-210009 | 2021-01-28 17:38:55 | revised |
| C3-210010 | 2021-01-25 13:19:17 | noted |
| C3-210011 | 2021-01-25 13:19:19 | approved |
| C3-210012 | 2021-01-29 14:16:50 | noted |
| C3-210013 | 2021-01-29 14:16:51 | noted |
| C3-210014 | 2021-01-25 13:04:15 | noted |
| C3-210015 | 2021-01-25 14:49:09 | noted |
| C3-210015 | 2021-01-27 09:16:25 | revised |
| C3-210016 | 2021-01-25 13:21:08 | noted |
| C3-210017 | 2021-01-25 13:21:41 | noted |
| C3-210018 | 2021-01-25 13:22:44 | noted |
| C3-210019 | 2021-01-25 13:23:30 | noted |
| C3-210020 | 2021-01-25 13:24:04 | noted |
| C3-210021 | 2021-01-28 09:03:36 | noted |
| C3-210022 | 2021-01-25 13:25:56 | revised |
| C3-210023 | 2021-01-26 15:00:58 | revised |
| C3-210024 | 2021-01-26 15:07:51 | available |
| C3-210024 | 2021-01-26 15:08:05 | revised |
| C3-210025 | 2021-01-28 14:53:08 | revised |
| C3-210026 | 2021-01-28 14:53:49 | revised |
| C3-210027 | 2021-01-26 15:08:33 | revised |
| C3-210028 | 2021-01-26 15:11:01 | revised |
| C3-210029 | 2021-01-26 15:11:19 | revised |
| C3-210030 | 2021-01-26 15:11:34 | revised |
| C3-210031 | 2021-01-26 15:11:52 | revised |
| C3-210032 | 2021-01-26 15:12:01 | revised |
| C3-210033 | 2021-01-26 15:13:12 | available |
| C3-210033 | 2021-01-28 09:35:31 | postponed |
| C3-210034 | 2021-01-26 15:16:43 | revised |
| C3-210035 | 2021-01-28 15:37:33 | agreed |
| C3-210036 | 2021-01-25 13:52:47 | revised |
| C3-210037 | 2021-01-25 13:57:58 | revised |
| C3-210038 | 2021-01-25 14:06:05 | revised |
| C3-210039 | 2021-01-26 15:17:30 | revised |
| C3-210040 | 2021-01-26 15:27:56 | revised |
| C3-210040 | 2021-01-28 16:01:01 | agreed |
| C3-210040 | 2021-01-28 16:01:10 | revised |
| C3-210041 | 2021-01-27 13:19:36 | revised |
| C3-210042 | 2021-01-25 14:07:11 | noted |
| C3-210043 | 2021-01-25 14:10:42 | revised |
| C3-210043 | 2021-01-25 14:12:25 | available |
| C3-210043 | 2021-01-27 13:21:48 | revised |
| C3-210044 | 2021-01-25 14:49:46 | revised |
| C3-210045 | 2021-01-27 15:32:08 | available |
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| C3-210046 | 2021-01-29 13:14:22 | agreed |
| C3-210047 | 2021-01-28 13:54:41 | revised |
| C3-210048 | 2021-01-28 13:54:55 | revised |
| C3-210049 | 2021-01-29 13:18:19 | agreed |
| C3-210050 | 2021-01-29 13:18:21 | agreed |
| C3-210051 | 2021-01-28 13:33:45 | revised |
| C3-210052 | 2021-01-28 13:33:56 | revised |
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| C3-210054 | 2021-01-28 16:03:54 | revised |
| C3-210055 | 2021-01-28 15:38:02 | agreed |
| C3-210056 | 2021-01-25 13:58:37 | noted |
| C3-210057 | 2021-01-27 15:18:37 | not pursued |
| C3-210058 | 2021-01-27 15:27:24 | revised |
| C3-210059 | 2021-01-29 11:53:09 | revised |
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| C3-210062 | 2021-01-29 13:03:49 | postponed |
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| C3-210067 | 2021-01-27 14:55:14 | revised |
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| C3-210096 | 2021-01-28 14:46:40 | postponed |
| C3-210097 | 2021-01-28 14:46:41 | postponed |
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| C3-210106 | 2021-01-27 13:46:01 | agreed |
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| C3-210125 | 2021-01-28 15:05:52 | agreed |
| C3-210126 | 2021-01-28 13:46:20 | revised |
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| C3-210130 | 2021-01-26 13:23:14 | revised |
| C3-210131 | 2021-01-29 13:24:29 | agreed |
| C3-210132 | 2021-01-29 13:24:31 | agreed |
| C3-210133 | 2021-01-29 13:24:34 | agreed |
| C3-210134 | 2021-01-29 13:24:36 | agreed |
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| C3-210144 | 2021-01-29 13:04:07 | agreed |
| C3-210145 | 2021-01-29 13:04:12 | agreed |
| C3-210146 | 2021-01-29 13:12:22 | agreed |
| C3-210147 | 2021-01-29 13:12:25 | agreed |
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| C3-210150 | 2021-01-29 13:04:02 | agreed |
| C3-210151 | 2021-01-29 13:04:03 | agreed |
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| C3-210167 | 2021-01-27 15:12:08 | revised |
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| C3-210169 | 2021-01-29 13:24:49 | agreed |
| C3-210170 | 2021-01-27 15:13:14 | revised |
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| C3-210174 | 2021-01-29 13:12:16 | agreed |
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| C3-210178 | 2021-01-26 14:43:19 | revised |
| C3-210179 | 2021-01-26 14:46:49 | noted |
| C3-210180 | 2021-01-29 13:04:14 | agreed |
| C3-210181 | 2021-01-29 13:04:16 | agreed |
| C3-210182 | 2021-01-26 14:47:50 | available |
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| C3-210187 | 2021-01-28 15:40:05 | agreed |
| C3-210188 | 2021-01-28 14:26:29 | revised |
| C3-210189 | 2021-01-27 14:10:47 | revised |
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| C3-210199 | 2021-01-28 15:03:59 | agreed |
| C3-210200 | 2021-01-28 15:04:01 | agreed |
| C3-210201 | 2021-01-28 15:04:03 | agreed |
| C3-210202 | 2021-01-26 15:56:44 | revised |
| C3-210203 | 2021-01-28 15:04:09 | agreed |
| C3-210204 | 2021-01-28 15:04:14 | agreed |
| C3-210205 | 2021-01-28 15:04:16 | agreed |
| C3-210206 | 2021-01-28 15:04:18 | agreed |
| C3-210207 | 2021-01-26 15:57:12 | revised |
| C3-210208 | 2021-01-28 15:04:30 | agreed |
| C3-210209 | 2021-01-28 15:04:32 | agreed |
| C3-210210 | 2021-01-28 15:04:33 | agreed |
| C3-210211 | 2021-01-28 15:04:35 | agreed |
| C3-210212 | 2021-01-28 15:04:38 | agreed |
| C3-210213 | 2021-01-28 15:04:41 | agreed |
| C3-210214 | 2021-01-28 15:04:44 | agreed |
| C3-210215 | 2021-01-28 15:04:47 | agreed |
| C3-210216 | 2021-01-26 15:57:49 | revised |
| C3-210217 | 2021-01-28 15:04:58 | agreed |
| C3-210218 | 2021-01-28 15:04:59 | agreed |
| C3-210219 | 2021-01-28 15:05:00 | agreed |
| C3-210220 | 2021-01-28 15:05:03 | agreed |
| C3-210221 | 2021-01-28 15:05:06 | agreed |
| C3-210222 | 2021-01-28 15:11:56 | agreed |
| C3-210223 | 2021-01-28 15:40:07 | agreed |
| C3-210224 | 2021-01-28 15:40:08 | agreed |
| C3-210225 | 2021-01-28 14:25:40 | revised |
| C3-210226 | 2021-01-28 14:26:07 | revised |
| C3-210227 | 2021-01-26 14:18:48 | revised |
| C3-210228 | 2021-01-26 14:21:25 | revised |
| C3-210229 | 2021-01-27 13:26:04 | revised |
| C3-210230 | 2021-01-26 15:24:57 | noted |
| C3-210231 | 2021-01-27 15:28:05 | revised |
| C3-210232 | 2021-01-27 15:28:14 | revised |
| C3-210233 | 2021-01-27 15:29:42 | revised |
| C3-210234 | 2021-01-27 15:29:55 | revised |
| C3-210235 | 2021-01-29 13:47:02 | postponed |
| C3-210236 | 2021-01-29 13:47:04 | postponed |
| C3-210237 | 2021-01-26 14:21:51 | revised |
| C3-210238 | 2021-01-26 14:22:23 | revised |
| C3-210239 | 2021-01-26 14:19:13 | merged |
| C3-210240 | 2021-01-26 14:22:40 | revised |
| C3-210241 | 2021-01-26 13:31:29 | revised |
| C3-210242 | 2021-01-26 13:32:05 | revised |
| C3-210243 | 2021-01-26 13:32:17 | revised |
| C3-210244 | 2021-01-26 13:32:33 | revised |
| C3-210244 | 2021-01-26 13:34:17 | available |
| C3-210244 | 2021-01-28 15:50:08 | agreed |
| C3-210244 | 2021-01-28 15:50:41 | available |
| C3-210244 | 2021-01-29 13:47:35 | postponed |
| C3-210245 | 2021-01-26 13:32:44 | revised |
| C3-210246 | 2021-01-28 15:50:14 | agreed |
| C3-210246 | 2021-01-28 15:50:48 | available |
| C3-210246 | 2021-01-29 13:48:18 | agreed |
| C3-210247 | 2021-01-26 14:23:43 | revised |
| C3-210248 | 2021-01-26 14:26:38 | revised |
| C3-210249 | 2021-01-26 13:35:09 | revised |
| C3-210250 | 2021-01-29 07:41:13 | revised |
| C3-210251 | 2021-01-29 07:41:34 | revised |
| C3-210252 | 2021-01-27 15:30:19 | revised |
| C3-210252 | 2021-01-27 15:31:21 | available |
| C3-210252 | 2021-01-29 13:14:09 | agreed |
| C3-210253 | 2021-01-27 15:30:29 | revised |
| C3-210253 | 2021-01-27 15:31:23 | available |
| C3-210253 | 2021-01-29 13:14:12 | agreed |
| C3-210254 | 2021-01-29 13:14:14 | agreed |
| C3-210255 | 2021-01-29 13:14:17 | agreed |
| C3-210256 | 2021-01-25 14:31:44 | revised |
| C3-210257 | 2021-01-28 13:19:18 | postponed |
| C3-210258 | 2021-01-25 14:40:58 | revised |
| C3-210259 | 2021-01-26 16:16:59 | revised |
| C3-210260 | 2021-01-28 13:24:07 | postponed |
| C3-210261 | 2021-01-25 14:45:42 | postponed |
| C3-210262 | 2021-01-26 13:35:35 | available |
| C3-210262 | 2021-01-29 13:54:13 | postponed |
| C3-210263 | 2021-01-29 13:54:14 | postponed |
| C3-210264 | 2021-01-29 13:54:16 | postponed |
| C3-210265 | 2021-01-29 13:54:18 | postponed |
| C3-210266 | 2021-01-26 15:26:32 | postponed |
| C3-210267 | 2021-01-28 15:39:13 | noted |
| C3-210268 | 2021-01-28 14:55:58 | agreed |
| C3-210269 | 2021-01-28 13:02:47 | revised |
| C3-210270 | 2021-01-28 13:04:30 | agreed |
| C3-210271 | 2021-01-28 11:29:02 | revised |
| C3-210272 | 2021-01-28 13:06:13 | postponed |
| C3-210273 | 2021-01-28 07:11:37 | revised |
| C3-210274 | 2021-01-28 13:09:09 | endorsed |
| C3-210275 | 2021-01-29 14:01:15 | agreed |
| C3-210276 | 2021-01-29 14:01:51 | not pursued |
| C3-210277 | 2021-01-28 15:54:00 | agreed |
| C3-210278 | 2021-01-29 13:35:08 | agreed |
| C3-210279 | 2021-01-29 13:35:09 | agreed |
| C3-210280 | 2021-01-29 13:35:11 | agreed |
| C3-210281 | 2021-01-29 13:35:15 | agreed |
| C3-210282 | 2021-01-29 13:35:19 | agreed |
| C3-210283 | 2021-01-28 14:55:45 | agreed |
| C3-210283 | 2021-01-29 12:31:37 | revised |
| C3-210284 | 2021-01-28 14:55:56 | agreed |
| C3-210284 | 2021-01-29 12:32:05 | revised |
| C3-210285 | 2021-01-28 15:38:21 | agreed |
| C3-210286 | 2021-01-29 13:47:17 | agreed |
| C3-210287 | 2021-01-29 13:47:21 | agreed |
| C3-210288 | 2021-01-28 15:50:08 | agreed |
| C3-210288 | 2021-01-28 15:50:32 | available |
| C3-210288 | 2021-01-29 13:47:28 | agreed |
| C3-210288 | 2021-01-29 13:47:29 | postponed |
| C3-210289 | 2021-01-27 18:08:59 | revised |
| C3-210290 | 2021-01-28 15:50:11 | agreed |
| C3-210290 | 2021-01-28 15:50:45 | available |
| C3-210290 | 2021-01-29 13:48:08 | agreed |
| C3-210291 | 2021-01-28 15:05:28 | agreed |
| C3-210292 | 2021-01-28 15:05:40 | agreed |
| C3-210293 | 2021-01-28 15:12:05 | agreed |
| C3-210294 | 2021-01-28 15:12:58 | agreed |
| C3-210295 | 2021-01-28 15:13:10 | agreed |
| C3-210296 | 2021-01-28 15:13:22 | agreed |
| C3-210297 | 2021-01-28 15:13:29 | agreed |
| C3-210298 | 2021-01-29 13:43:02 | agreed |
| C3-210299 | 2021-01-29 13:43:15 | agreed |
| C3-210300 | 2021-01-29 13:43:48 | agreed |
| C3-210301 | 2021-01-28 16:00:52 | agreed |
| C3-210302 | 2021-01-28 15:21:49 | agreed |
| C3-210303 | 2021-01-29 13:44:13 | agreed |
| C3-210304 | 2021-01-28 15:35:00 | agreed |
| C3-210305 | 2021-01-29 13:44:23 | agreed |
| C3-210306 | 2021-01-28 15:35:44 | agreed |
| C3-210307 | 2021-01-28 15:35:47 | agreed |
| C3-210308 | 2021-01-28 15:35:50 | agreed |
| C3-210309 | 2021-01-28 15:35:52 | agreed |
| C3-210310 | 2021-01-29 13:44:34 | approved |
| C3-210311 | 2021-01-29 13:44:49 | agreed |
| C3-210312 | 2021-01-29 13:44:54 | agreed |
| C3-210313 | 2021-01-28 15:38:31 | agreed |
| C3-210314 | 2021-01-28 15:38:33 | agreed |
| C3-210315 | 2021-01-28 15:21:31 | agreed |
| C3-210316 | 2021-01-28 15:51:51 | agreed |
| C3-210317 | 2021-01-28 15:03:58 | agreed |
| C3-210318 | 2021-01-28 15:04:08 | agreed |
| C3-210319 | 2021-01-28 15:04:25 | agreed |
| C3-210320 | 2021-01-28 15:04:53 | agreed |
| C3-210321 | 2021-01-28 16:01:00 | available |
| C3-210321 | 2021-01-28 16:01:12 | agreed |
| C3-210324 | 2021-01-28 11:17:25 | revised |
| C3-210325 | 2021-01-27 15:33:37 | noted |
| C3-210326 | 2021-01-29 13:55:10 | noted |
| C3-210327 | 2021-01-28 13:07:06 | endorsed |
| C3-210328 | 2021-01-28 13:07:56 | endorsed |
| C3-210329 | 2021-01-28 13:09:19 | agreed |
| C3-210329 | 2021-01-29 13:02:24 | revised |
| C3-210330 | 2021-01-29 13:12:30 | agreed |
| C3-210331 | 2021-01-29 13:12:34 | agreed |
| C3-210332 | 2021-01-29 13:12:42 | agreed |
| C3-210333 | 2021-01-29 13:12:44 | agreed |
| C3-210334 | 2021-01-29 13:12:46 | agreed |
| C3-210335 | 2021-01-29 13:12:48 | agreed |
| C3-210336 | 2021-01-29 13:12:50 | agreed |
| C3-210337 | 2021-01-29 13:12:53 | agreed |
| C3-210338 | 2021-01-29 13:12:55 | agreed |
| C3-210339 | 2021-01-29 13:14:02 | agreed |
| C3-210340 | 2021-01-29 13:14:05 | agreed |
| C3-210341 | 2021-01-29 13:14:27 | agreed |
| C3-210342 | 2021-01-29 13:14:30 | agreed |
| C3-210343 | 2021-01-29 13:14:34 | agreed |
| C3-210344 | 2021-01-29 13:14:37 | agreed |
| C3-210345 | 2021-01-29 13:14:42 | agreed |
| C3-210346 | 2021-01-29 14:00:30 | agreed |
| C3-210347 | 2021-01-29 13:54:29 | agreed |
| C3-210348 | 2021-01-29 13:05:56 | agreed |
| C3-210349 | 2021-01-29 13:05:58 | agreed |
| C3-210350 | 2021-01-29 13:06:02 | agreed |
| C3-210351 | 2021-01-29 13:06:06 | agreed |
| C3-210352 | 2021-01-29 13:06:11 | agreed |
| C3-210353 | 2021-01-29 13:06:16 | agreed |
| C3-210354 | 2021-01-29 13:06:22 | agreed |
| C3-210355 | 2021-01-29 13:06:24 | agreed |
| C3-210356 | 2021-01-29 13:06:27 | agreed |
| C3-210357 | 2021-01-29 13:06:31 | agreed |
| C3-210358 | 2021-01-29 13:06:34 | agreed |
| C3-210359 | 2021-01-29 13:06:36 | agreed |
| C3-210360 | 2021-01-29 08:11:58 | revised |
| C3-210361 | 2021-01-29 13:25:01 | agreed |
| C3-210362 | 2021-01-29 13:25:06 | agreed |
| C3-210363 | 2021-01-29 13:25:11 | agreed |
| C3-210364 | 2021-01-29 13:25:13 | agreed |
| C3-210365 | 2021-01-29 13:12:11 | agreed |
| C3-210366 | 2021-01-29 13:54:53 | agreed |
| C3-210367 | 2021-01-29 13:12:59 | agreed |
| C3-210368 | 2021-01-29 13:13:01 | agreed |
| C3-210369 | 2021-01-29 13:13:47 | agreed |
| C3-210370 | 2021-01-29 13:14:00 | agreed |
| C3-210371 | 2021-01-28 15:51:16 | agreed |
| C3-210372 | 2021-01-29 13:31:52 | agreed |
| C3-210372 | 2021-01-29 13:32:08 | endorsed |
| C3-210373 | 2021-01-29 13:34:54 | endorsed |
| C3-210374 | 2021-01-28 15:05:51 | agreed |
| C3-210375 | 2021-01-29 13:02:07 | endorsed |
| C3-210376 | 2021-01-29 13:31:18 | endorsed |
| C3-210377 | 2021-01-29 14:31:26 | approved |
| C3-210378 | 2021-01-29 13:18:32 | agreed |
| C3-210378 | 2021-01-29 13:18:39 | available |
| C3-210378 | 2021-01-29 13:19:01 | agreed |
| C3-210379 | 2021-01-29 13:19:03 | agreed |
| C3-210380 | 2021-01-29 13:18:26 | agreed |
| C3-210381 | 2021-01-29 13:18:28 | agreed |
| C3-210382 | 2021-01-29 12:33:02 | revised |
| C3-210383 | 2021-01-29 13:19:50 | agreed |
| C3-210384 | 2021-01-29 13:19:54 | agreed |
| C3-210385 | 2021-01-29 13:19:59 | agreed |
| C3-210386 | 2021-01-29 13:22:22 | agreed |
| C3-210387 | 2021-01-29 13:22:24 | agreed |
| C3-210388 | 2021-01-29 13:23:35 | approved |
| C3-210389 | 2021-01-29 13:24:19 | agreed |
| C3-210390 | 2021-01-29 13:24:20 | agreed |
| C3-210391 | 2021-01-29 13:24:22 | agreed |
| C3-210392 | 2021-01-29 13:24:26 | agreed |
| C3-210393 | 2021-01-29 13:18:15 | agreed |
| C3-210394 | 2021-01-29 13:18:17 | agreed |
| C3-210395 | 2021-01-29 13:30:50 | agreed |
| C3-210396 | 2021-01-29 13:30:52 | agreed |
| C3-210397 | 2021-01-28 16:01:24 | agreed |
| C3-210398 | 2021-01-29 13:20:03 | agreed |
| C3-210399 | 2021-01-29 13:20:06 | agreed |
| C3-210400 | 2021-01-29 14:00:47 | revised |
| C3-210401 | 2021-01-29 13:21:35 | agreed |
| C3-210402 | 2021-01-29 13:21:36 | agreed |
| C3-210403 | 2021-01-29 13:21:38 | agreed |
| C3-210404 | 2021-01-29 13:21:42 | agreed |
| C3-210405 | 2021-01-29 13:22:51 | postponed |
| C3-210406 | 2021-01-29 13:22:59 | postponed |
| C3-210407 | 2021-01-29 13:24:12 | agreed |
| C3-210408 | 2021-01-29 13:24:13 | agreed |
| C3-210409 | 2021-01-29 13:22:11 | approved |
| C3-210410 | 2021-01-29 13:24:10 | agreed |
| C3-210411 | 2021-01-29 13:31:01 | approved |
| C3-210411 | 2021-01-29 13:31:02 | agreed |
| C3-210412 | 2021-01-29 13:31:03 | agreed |
| C3-210413 | 2021-01-29 13:37:39 | agreed |
| C3-210414 | 2021-01-29 13:30:16 | postponed |
| C3-210415 | 2021-01-29 13:30:35 | postponed |
| C3-210416 | 2021-02-01 08:31:15 | noted |
| C3-210417 | 2021-01-29 13:05:41 | agreed |
| C3-210418 | 2021-01-29 13:05:42 | agreed |
| C3-210419 | 2021-01-29 13:03:55 | agreed |
| C3-210420 | 2021-01-29 13:04:00 | agreed |
| C3-210421 | 2021-01-29 13:07:34 | available |
| C3-210421 | 2021-01-29 13:07:49 | agreed |
| C3-210422 | 2021-01-29 13:08:10 | agreed |
| C3-210423 | 2021-01-29 13:23:10 | agreed |
| C3-210424 | 2021-01-29 13:23:50 | agreed |
| C3-210425 | 2021-01-29 14:09:33 | not pursued |
| C3-210426 | 2021-01-29 13:03:29 | agreed |
| C3-210427 | 2021-01-29 13:03:31 | agreed |
| C3-210428 | 2021-01-29 14:02:09 | agreed |
| C3-210429 | 2021-01-29 14:02:10 | agreed |
| C3-210430 | 2021-01-29 13:19:46 | agreed |
| C3-210431 | 2021-01-29 14:10:34 | agreed |
| C3-210432 | 2021-01-29 14:29:27 | agreed |
| C3-210433 | 2021-01-29 14:29:33 | agreed |
| C3-210434 | 2021-01-29 14:28:55 | revised |
| C3-210435 | 2021-01-29 14:32:57 | agreed |
| C3-210436 | 2021-01-29 14:34:47 | agreed |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| C3-210055 | Correct figure number | Ericsson | 29.061 | 0530 | - | Rel-17 | D | SAES-St3-intwk, TEI17 | agreed |
| C3-210035 | Clarification of eLCS feature applicability only to 5G | Huawei | 29.122 | 0325 | - | Rel-17 | F | TEI17, 5G\_eLCS | agreed |
| C3-210049 | Correct applied QoS reference for QoS not guaranteed | Ericsson | 29.122 | 0326 | - | Rel-16 | F | eV2XARC | agreed |
| C3-210050 | Correct applied QoS reference for QoS not guaranteed | Ericsson | 29.122 | 0327 | - | Rel-17 | A | eV2XARC | agreed |
| C3-210053 | Resource allocation status | Ericsson | 29.122 | 0328 | - | Rel-16 | F | NAPS-CT, TEI16 | revised |
| C3-210414 | Resource allocation status | Ericsson | 29.122 | 0328 | 1 | Rel-16 | F | NAPS-CT, TEI16 | postponed |
| C3-210054 | Resource allocation status | Ericsson | 29.122 | 0329 | - | Rel-17 | A | NAPS-CT, TEI16 | revised |
| C3-210415 | Resource allocation status | Ericsson | 29.122 | 0329 | 1 | Rel-17 | A | NAPS-CT, TEI16 | postponed |
| C3-210085 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.122 | 0330 | - | Rel-16 | F | eV2XARC | revised |
| C3-210382 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.122 | 0330 | 1 | Rel-16 | F | eV2XARC | revised |
| C3-210430 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.122 | 0330 | 2 | Rel-16 | F | eV2XARC | agreed |
| C3-210086 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.122 | 0331 | - | Rel-17 | A | eV2XARC | revised |
| C3-210383 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.122 | 0331 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210126 | Last known location report | Huawei | 29.122 | 0332 | - | Rel-16 | F | eNAPIs | revised |
| C3-210389 | Last known location report | Huawei | 29.122 | 0332 | 1 | Rel-16 | F | eNAPIs | agreed |
| C3-210127 | Last known location report | Huawei | 29.122 | 0333 | - | Rel-17 | A | eNAPIs | revised |
| C3-210390 | Last known location report | Huawei | 29.122 | 0333 | 1 | Rel-17 | A | eNAPIs | agreed |
| C3-210131 | Default value of accuary | Huawei | 29.122 | 0334 | - | Rel-16 | F | eNAPIs | agreed |
| C3-210132 | Default value of accuary | Huawei | 29.122 | 0335 | - | Rel-17 | A | eNAPIs | agreed |
| C3-210170 | Support Stateless NFs | Huawei | 29.122 | 0336 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210363 | Support Stateless NFs for MonitoringEvent API | Huawei | 29.122 | 0336 | 1 | Rel-16 | F | eNAPIs | agreed |
| C3-210171 | Support Stateless NFs | Huawei | 29.122 | 0337 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210364 | Support Stateless NFs for MonitoringEvent API | Huawei | 29.122 | 0337 | 1 | Rel-17 | A | eNAPIs | agreed |
| C3-210198 | OpenAPI "description" fields in data type definitions | Ericsson | 29.122 | 0338 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-210317 | OpenAPI "description" fields in data type definitions | Ericsson | 29.122 | 0338 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210199 | Update of "description" field for map data types | Ericsson | 29.122 | 0339 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210208 | OpenAPI reference | Ericsson | 29.122 | 0340 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210235 | Updates to Application Identifier in ChargeableParty API | Ericsson | 29.122 | 0341 | - | Rel-17 | B | TEI17, NAPS-CT | postponed |
| C3-210236 | Updates to Application Identifier in AsSessionWithQoS API | Ericsson | 29.122 | 0342 | - | Rel-17 | B | TEI17, NAPS-CT | postponed |
| C3-210252 | Correction to AF ID in ECRControl API | Ericsson | 29.122 | 0343 | - | Rel-16 | F | 5G\_CIoT | agreed |
| C3-210253 | Correction to AF ID in ECRControl API | Ericsson | 29.122 | 0344 | - | Rel-17 | A | 5G\_CIoT | agreed |
| C3-210254 | Correction to mtcProviderId in ECRControl API | Ericsson | 29.122 | 0345 | - | Rel-16 | F | 5G\_CIoT | agreed |
| C3-210255 | Correction to mtcProviderId in ECRControl API | Ericsson | 29.122 | 0346 | - | Rel-17 | A | 5G\_CIoT | agreed |
| C3-210262 | Update DNN and S-NSSAI in ChargeableParty API | Ericsson | 29.122 | 0347 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | postponed |
| C3-210264 | Update DNN and S-NSSAI in AsSessionWithQoS API | Ericsson | 29.122 | 0348 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | postponed |
| C3-210044 | Removing non-inclusive wording | Nokia, Nokia Shanghai-Bell, Ericsson | 29.163 | 1073 | - | Rel-17 | D | TEI17 | revised |
| C3-210277 | Inclusive language review – 29.163 | Nokia, Nokia Shanghai-Bell, Ericsson | 29.163 | 1073 | 1 | Rel-17 | D | TEI17 | agreed |
| C3-210193 | Removal of strange text | Ericsson, Nokia, Nokia Shanghai-Bell | 29.163 | 1074 | - | Rel-17 | D | TEI17 | agreed |
| C3-210040 | Correction of the dynamic view status for History-Info header field. | NTT corporation | 29.165 | 1017 | - | Rel-17 | F | NNI\_DV | revised |
| C3-210315 | Correction of the dynamic view status for History-Info header field. | NTT corporation | 29.165 | 1017 | 1 | Rel-17 | F | NNI\_DV, TEI17 | agreed |
| C3-210161 | IMEI over Rx reference point | Orange / Mariusz | 29.214 | 1652 | - | Rel-16 | F | TEI16 | postponed |
| C3-210162 | IMEI over Rx reference point | Orange / Mariusz | 29.214 | 1653 | - | Rel-17 | A | TEI16 | postponed |
| C3-210188 | CAPIF\_Security API externalDocs version correction | Samsung Electronics Iberia SA | 29.222 | 0164 | - | Rel-16 | F | TEI16 | revised |
| C3-210397 | CAPIF\_Security API externalDocs version correction | Samsung Electronics Iberia SA | 29.222 | 0164 | 1 | Rel-16 | F | TEI16 | agreed |
| C3-210104 | Partial pull update | Huawei, China Telecom | 29.251 | 0031 | - | Rel-17 | B | pfdManEnh | revised |
| C3-210282 | Partial pull update | Huawei, China Telecom, Ericsson | 29.251 | 0031 | 1 | Rel-17 | B | pfdManEnh | agreed |
| C3-210105 | Procedure of partial pull update | Huawei, China Telecom | 29.251 | 0032 | - | Rel-17 | B | pfdManEnh | agreed |
| C3-210157 | Corrections on partial pull | China Telecom | 29.251 | 0033 | - | Rel-17 | F | pfdManEnh | revised |
| C3-210283 | Corrections on partial pull | China Telecom, Ericsson, Huawei | 29.251 | 0033 | 1 | Rel-17 | F | pfdManEnh | revised |
| C3-210428 | Corrections on partial pull | China Telecom, Ericsson, Huawei | 29.251 | 0033 | 2 | Rel-17 | F | pfdManEnh | agreed |
| C3-210063 | Support of stateless NFs | Huawei | 29.486 | 0014 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210347 | Support of stateless NFs | Huawei | 29.486 | 0014 | 1 | Rel-17 | B | V2XAPP, TEI17 | agreed |
| C3-210064 | Support of stateless NFs | Huawei | 29.507 | 0151 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210348 | Support of stateless NFs | Huawei | 29.507 | 0151 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210065 | Support of stateless NFs | Huawei | 29.507 | 0152 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210349 | Support of stateless NFs | Huawei | 29.507 | 0152 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210200 | Adding "description" field for map data types | Ericsson | 29.507 | 0153 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210209 | OpenAPI reference | Ericsson | 29.507 | 0154 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210223 | Encoding of Snssai as key of a map | Ericsson | 29.507 | 0155 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210066 | Support of stateless NFs | Huawei | 29.508 | 0114 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210350 | Support of stateless NFs | Huawei | 29.508 | 0114 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210067 | Support of stateless NFs | Huawei | 29.508 | 0115 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210351 | Support of stateless NFs | Huawei | 29.508 | 0115 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210118 | Support of AF instance change | Huawei | 29.508 | 0116 | - | Rel-16 | F | 5G\_URLLC | postponed |
| C3-210119 | Support of AF instance change | Huawei | 29.508 | 0117 | - | Rel-17 | A | 5G\_URLLC | postponed |
| C3-210210 | OpenAPI reference | Ericsson | 29.508 | 0118 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210023 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_Create service operation | Huawei | 29.512 | 0634 | - | Rel-17 | F | TEI17 | revised |
| C3-210302 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_Create service operation | Huawei | 29.512 | 0634 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210024 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_UpdateNotify service operation | Huawei | 29.512 | 0635 | - | Rel-17 | F | TEI17 | revised |
| C3-210303 | Miscellaneous corrections to the Npcf\_SMPolicyControl\_UpdateNotify service operation | Huawei | 29.512 | 0635 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210025 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | 29.512 | 0636 | - | Rel-16 | F | TEI16 | revised |
| C3-210411 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | 29.512 | 0636 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-CT | agreed |
| C3-210026 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | 29.512 | 0637 | - | Rel-17 | A | TEI16 | revised |
| C3-210412 | Corrections to the procedures of policy provisioning and enforcement of authorized AMBR and default QoS | Huawei | 29.512 | 0637 | 1 | Rel-17 | A | TEI16, 5GS\_Ph1-CT | agreed |
| C3-210027 | Clarification on the applicability of some attributes and data types to UMC feature | Huawei | 29.512 | 0638 | - | Rel-17 | F | TEI17 | revised |
| C3-210304 | Clarification on the applicability of some attributes and data types to UMC feature | Huawei | 29.512 | 0638 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210028 | Addition of the PDU Session with offline charging only indication | Huawei | 29.512 | 0639 | - | Rel-17 | B | TEI17 | revised |
| C3-210305 | Addition of the PDU Session with offline charging only indication | Huawei | 29.512 | 0639 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210029 | Reference to the wrong clause for the SMF initiated PDU session termination procedure | Huawei | 29.512 | 0640 | - | Rel-17 | F | TEI17 | revised |
| C3-210306 | Reference to the wrong clause for the SMF initiated PDU session termination procedure | Huawei | 29.512 | 0640 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210030 | Correction of a wrong reference to TS 29.514 related to AF session with required QoS procedures | Huawei | 29.512 | 0641 | - | Rel-17 | F | TEI17 | revised |
| C3-210307 | Correction of a wrong reference to TS 29.514 related to AF session with required QoS procedures | Huawei | 29.512 | 0641 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210031 | Clarification on the applicability of some data types to the SessionRuleErrorHandling feature | Huawei | 29.512 | 0642 | - | Rel-17 | F | TEI17 | revised |
| C3-210308 | Clarification on the applicability of some data types to the SessionRuleErrorHandling feature | Huawei | 29.512 | 0642 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210032 | Clarification on the applicability of some attributes to the 3GPP-PS-Data-Off feature | Huawei | 29.512 | 0643 | - | Rel-17 | F | TEI17 | revised |
| C3-210309 | Clarification on the applicability of some attributes to the 3GPP-PS-Data-Off feature | Huawei | 29.512 | 0643 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210033 | Adding NSI ID as an input parameter of Npcf\_SMPolicyControl\_Create service operation | Huawei | 29.512 | 0644 | - | Rel-17 | B | TEI17 | postponed |
| C3-210039 | Miscellaneous corrections to TS 29.512 | Huawei | 29.512 | 0645 | - | Rel-17 | F | TEI17 | revised |
| C3-210312 | Miscellaneous corrections to TS 29.512 | Huawei | 29.512 | 0645 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210059 | Correction to the access network information report | Huawei | 29.512 | 0646 | - | Rel-16 | F | en5GPccSer | revised |
| C3-210426 | Correction to the access network information report | Huawei | 29.512 | 0646 | 1 | Rel-16 | F | en5GPccSer | agreed |
| C3-210060 | Correction to the access network information report | Huawei | 29.512 | 0647 | - | Rel-17 | A | en5GPccSer | revised |
| C3-210427 | Correction to the access network information report | Huawei | 29.512 | 0647 | 1 | Rel-17 | A | en5GPccSer | agreed |
| C3-210061 | Further correction to PolicyDecisionErrorHandling feature | Huawei | 29.512 | 0648 | - | Rel-16 | F | en5GPccSer | postponed |
| C3-210062 | Further correction to PolicyDecisionErrorHandling feature | Huawei | 29.512 | 0649 | - | Rel-17 | A | en5GPccSer | postponed |
| C3-210068 | Support of stateless NFs | Huawei | 29.512 | 0650 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210352 | Support of stateless NFs | Huawei | 29.512 | 0650 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210069 | Support of stateless NFs | Huawei | 29.512 | 0651 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210353 | Support of stateless NFs | Huawei | 29.512 | 0651 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210079 | Corretion to the Group Id update | Huawei | 29.512 | 0652 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-210332 | Corretion to the Group Id update | Huawei | 29.512 | 0652 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C3-210080 | Corretion to the Group Id update | Huawei | 29.512 | 0653 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-210333 | Corretion to the Group Id update | Huawei | 29.512 | 0653 | 1 | Rel-17 | A | Vertical\_LAN | agreed |
| C3-210081 | PCC control for DDD status and availability after DDN fai | Huawei | 29.512 | 0654 | - | Rel-16 | F | 5G\_CIoT | revised |
| C3-210339 | PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0654 | 1 | Rel-16 | F | 5G\_CIoT | agreed |
| C3-210082 | PCC control for DDD status and availability after DDN fai | Huawei | 29.512 | 0655 | - | Rel-17 | A | 5G\_CIoT | revised |
| C3-210340 | PCC control for DDD status and availability after DDN failure events | Huawei | 29.512 | 0655 | 1 | Rel-17 | A | 5G\_CIoT | agreed |
| C3-210089 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.512 | 0656 | - | Rel-16 | F | eV2XARC | revised |
| C3-210398 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.512 | 0656 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210090 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.512 | 0657 | - | Rel-17 | A | eV2XARC | revised |
| C3-210399 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.512 | 0657 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210092 | Policy control for Redundant PDU Session | Huawei | 29.512 | 0658 | - | Rel-16 | F | 5G\_URLLC | merged |
| C3-210093 | Policy control for Redundant PDU Session | Huawei | 29.512 | 0659 | - | Rel-17 | A | 5G\_URLLC | merged |
| C3-210107 | User Location Change PCRT not supported in wireline access | Ericsson | 29.512 | 0660 | - | Rel-17 | F | 5WWC, TEI17 | agreed |
| C3-210108 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | 29.512 | 0661 | - | Rel-16 | F | 5WWC | revised |
| C3-210341 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | 29.512 | 0661 | 1 | Rel-16 | F | 5WWC | agreed |
| C3-210109 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | 29.512 | 0662 | - | Rel-17 | A | 5WWC | revised |
| C3-210342 | Correction to supported Policy Control Request triggers in wireline access | Ericsson | 29.512 | 0662 | 1 | Rel-17 | A | 5WWC | agreed |
| C3-210115 | Redundant User Plane Paths | Ericsson | 29.512 | 0663 | - | Rel-16 | F | 5G\_URLLC | revised |
| C3-210405 | Redundant User Plane Paths | Ericsson, Huawei | 29.512 | 0663 | 1 | Rel-16 | F | 5G\_URLLC | postponed |
| C3-210137 | Redundant User Plane Paths | Ericsson | 29.512 | 0664 | - | Rel-17 | A | 5G\_URLLC | revised |
| C3-210406 | Redundant User Plane Paths | Ericsson, Huawei | 29.512 | 0664 | 1 | Rel-17 | A | 5G\_URLLC | postponed |
| C3-210146 | Correction to repPolicyCtrlReqTrigger attribute | ZTE | 29.512 | 0665 | - | Rel-16 | F | ATSSS | agreed |
| C3-210147 | Correction to repPolicyCtrlReqTrigger attribute | ZTE | 29.512 | 0666 | - | Rel-17 | A | ATSSS | agreed |
| C3-210148 | Correction to multiple access type conditioned session rules | ZTE | 29.512 | 0667 | - | Rel-16 | F | en5GPccSer | revised |
| C3-210419 | Correction to multiple access type conditioned session rules | ZTE | 29.512 | 0667 | 1 | Rel-16 | F | en5GPccSer | agreed |
| C3-210149 | Correction to multiple access type conditioned session rules | ZTE | 29.512 | 0668 | - | Rel-17 | A | en5GPccSer | revised |
| C3-210420 | Correction to multiple access type conditioned session rules | ZTE | 29.512 | 0668 | 1 | Rel-17 | A | en5GPccSer | agreed |
| C3-210150 | Correction to QOS\_DEC\_ERR and CH\_DEC\_ERR | ZTE | 29.512 | 0669 | - | Rel-16 | F | en5GPccSer | agreed |
| C3-210151 | Correction to QOS\_DEC\_ERR and CH\_DEC\_ERR | ZTE | 29.512 | 0670 | - | Rel-17 | A | en5GPccSer | agreed |
| C3-210155 | Correction to Monitoring key definition | ZTE | 29.512 | 0671 | - | Rel-17 | F | TEI17 | revised |
| C3-210313 | Correction to Monitoring key definition | ZTE | 29.512 | 0671 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210159 | Correction to access type conditioned session rule | Ericsson | 29.512 | 0672 | - | Rel-16 | F | ATSSS | revised |
| C3-210330 | Correction to access type conditioned session rule | Ericsson | 29.512 | 0672 | 1 | Rel-16 | F | ATSSS | agreed |
| C3-210160 | Correction to access type conditioned session rule | Ericsson | 29.512 | 0673 | - | Rel-17 | A | ATSSS | revised |
| C3-210331 | Correction to access type conditioned session rule | Ericsson | 29.512 | 0673 | 1 | Rel-17 | A | ATSSS | agreed |
| C3-210163 | Correction to "resourceUri" attribute description | Ericsson | 29.512 | 0674 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210432 | Correction to "resourceUri" attribute description | Ericsson | 29.512 | 0674 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210177 | Correction to "resourceUri" attribute description | Ericsson | 29.512 | 0675 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210433 | Correction to "resourceUri" attribute description | Ericsson | 29.512 | 0675 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210187 | Correction on UE initiated PDU session modification | Ericsson | 29.512 | 0676 | - | Rel-17 | F | 5GS\_Ph1-CT, TEI17 | agreed |
| C3-210189 | Correction to TSN scenarios. | Ericsson | 29.512 | 0677 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-210334 | Correction to TSN scenarios. | Ericsson | 29.512 | 0677 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C3-210190 | Correction to TSN scenarios. | Ericsson | 29.512 | 0678 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-210335 | Correction to TSN scenarios. | Ericsson | 29.512 | 0678 | 1 | Rel-17 | A | Vertical\_LAN | agreed |
| C3-210201 | Update of "description" field for map data types | Ericsson | 29.512 | 0679 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210211 | OpenAPI reference | Ericsson | 29.512 | 0680 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210261 | Satellite backhaul change policy control request trigger | Qualcomm Incorporated | 29.512 | 0681 | - | Rel-17 | B | 5GSAT\_ARCH-CT | postponed |
| C3-210266 | Correction of a reference to the wrong attribute name for the reported presence reporting area information | Huawei | 29.512 | 0682 | - | Rel-17 | F | 5GS\_Ph1-CT, TEI17 | postponed |
| C3-210094 | Procedure of QoS monitoring report during the PDU session termination | Huawei | 29.513 | 0215 | - | Rel-16 | F | 5G\_URLLC | merged |
| C3-210095 | Procedure of QoS monitoring report during the PDU session termination | Huawei | 29.513 | 0216 | - | Rel-17 | A | 5G\_URLLC | merged |
| C3-210096 | QoS flow binding for QoS monitoring | Huawei | 29.513 | 0217 | - | Rel-16 | F | 5G\_URLLC | postponed |
| C3-210097 | QoS flow binding for QoS monitoring | Huawei | 29.513 | 0218 | - | Rel-17 | A | 5G\_URLLC | postponed |
| C3-210102 | Procedure of notification push update | Huawei, China Telecom | 29.513 | 0219 | - | Rel-17 | B | pfdManEnh | revised |
| C3-210280 | Procedure of notification push update | Huawei, China Telecom, Ericsson | 29.513 | 0219 | 1 | Rel-17 | B | pfdManEnh | agreed |
| C3-210103 | Procedure of partial pull | Huawei, China Telecom | 29.513 | 0220 | - | Rel-17 | B | pfdManEnh | revised |
| C3-210281 | Procedure of partial pull | Huawei, China Telecom, Ericsson | 29.513 | 0220 | 1 | Rel-17 | B | pfdManEnh | agreed |
| C3-210110 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | 29.513 | 0221 | - | Rel-16 | F | 5WWC | revised |
| C3-210343 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | 29.513 | 0221 | 1 | Rel-16 | F | 5WWC | agreed |
| C3-210111 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | 29.513 | 0222 | - | Rel-17 | A | 5WWC | revised |
| C3-210344 | Correction to AM Policy Control for Wireline and Wireless Convergence feature | Ericsson | 29.513 | 0222 | 1 | Rel-17 | A | 5WWC | agreed |
| C3-210120 | Support of AF instance change | Huawei | 29.513 | 0223 | - | Rel-16 | F | 5G\_URLLC | postponed |
| C3-210121 | Support of AF instance change | Huawei | 29.513 | 0224 | - | Rel-17 | A | 5G\_URLLC | postponed |
| C3-210142 | Correction to N2 PC5 policy provision procedure | ZTE | 29.513 | 0225 | - | Rel-16 | F | eV2XARC | revised |
| C3-210403 | Correction to N2 PC5 policy provision procedure | ZTE | 29.513 | 0225 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210143 | Correction to N2 PC5 policy provision procedure | ZTE | 29.513 | 0226 | - | Rel-17 | A | eV2XARC | revised |
| C3-210404 | Correction to N2 PC5 policy provision procedure | ZTE | 29.513 | 0226 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210153 | QoS monitoring procedure | ZTE | 29.513 | 0227 | - | Rel-16 | F | 5G\_URLLC | revised |
| C3-210407 | QoS monitoring procedure | ZTE, Huawei | 29.513 | 0227 | 1 | Rel-16 | F | 5G\_URLLC | agreed |
| C3-210154 | QoS monitoring procedure | ZTE | 29.513 | 0228 | - | Rel-17 | A | 5G\_URLLC | revised |
| C3-210408 | QoS monitoring procedure | ZTE, Huawei | 29.513 | 0228 | 1 | Rel-17 | A | 5G\_URLLC | agreed |
| C3-210156 | Clean up TS references | ZTE | 29.513 | 0229 | - | Rel-17 | F | TEI17 | revised |
| C3-210314 | Clean up TS references | ZTE | 29.513 | 0229 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210180 | Alignment of BDT policy re-negotiation | Ericsson, Huawei | 29.513 | 0230 | - | Rel-16 | F | eNA | agreed |
| C3-210181 | Alignment of BDT policy re-negotiation | Ericsson, Huawei | 29.513 | 0231 | - | Rel-17 | A | eNA | agreed |
| C3-210192 | Correction to TSN scenarios. | Ericsson | 29.513 | 0232 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-210337 | Correction to TSN scenarios. | Ericsson | 29.513 | 0232 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C3-210194 | Correction to TSN scenarios. | Ericsson | 29.513 | 0233 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-210338 | Correction to TSN scenarios. | Ericsson | 29.513 | 0233 | 1 | Rel-17 | A | Vertical\_LAN | agreed |
| C3-210207 | Removal of resource URI from Notify service operations | Ericsson | 29.513 | 0234 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-210319 | Removal of resource URI from Notify service operations | Ericsson | 29.513 | 0234 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210091 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.514 | 0275 | - | Rel-17 | F | eV2XARC | revised |
| C3-210400 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.514 | 0275 | 1 | Rel-16 | F | eV2XARC | revised |
| C3-210435 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.514 | 0275 | 2 | Rel-16 | F | eV2XARC | agreed |
| C3-210112 | Correction to location information | Ericsson | 29.514 | 0276 | - | Rel-16 | F | 5WWC | revised |
| C3-210345 | Correction to location information | Ericsson | 29.514 | 0276 | 1 | Rel-16 | F | 5WWC | agreed |
| C3-210152 | mandate notifCorreId for QoS monitoring subscrtiption | ZTE | 29.514 | 0277 | - | Rel-16 | F | 5G\_URLLC | revised |
| C3-210410 | mandate notifCorreId for QoS monitoring subscrtiption | ZTE | 29.514 | 0277 | 1 | Rel-16 | F | 5G\_URLLC | agreed |
| C3-210183 | Correction to resource identifiers descriptions used in notifications | Ericsson | 29.514 | 0278 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210434 | Correction to resource identifiers descriptions used in notifications | Ericsson | 29.514 | 0278 | 1 | Rel-16 | F | 5G\_eSBA | revised |
| C3-210436 | Correction to resource identifiers descriptions used in notifications | Ericsson | 29.514 | 0278 | 2 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210191 | Correction to TSN scenarios. | Ericsson | 29.514 | 0279 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-210336 | Correction to TSN scenarios. | Ericsson | 29.514 | 0279 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C3-210202 | Adding "description" field for map data types | Ericsson | 29.514 | 0280 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-210318 | Adding "description" field for map data types | Ericsson | 29.514 | 0280 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210212 | OpenAPI reference | Ericsson | 29.514 | 0281 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210144 | Correction to anyUeInd attribute | ZTE | 29.517 | 0028 | - | Rel-16 | F | eNA | agreed |
| C3-210145 | Correction to anyUeInd attribute | ZTE | 29.517 | 0029 | - | Rel-17 | A | eNA | agreed |
| C3-210172 | Support Stateless NFs | Huawei | 29.517 | 0030 | - | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210173 | Support Stateless NFs | Huawei | 29.517 | 0031 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210365 | Support Stateless NFs | Huawei | 29.517 | 0031 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210213 | OpenAPI reference | Ericsson | 29.517 | 0032 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210034 | Allow the retrieval of a set of policy data subsets for a UE | Huawei | 29.519 | 0230 | - | Rel-17 | B | TEI17 | revised |
| C3-210311 | Allow the retrieval of a set of policy data subsets for a UE | Huawei | 29.519 | 0230 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210203 | Adding "description" field for map data types | Ericsson | 29.519 | 0231 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210214 | OpenAPI reference | Ericsson | 29.519 | 0232 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210224 | Encoding of Snssai as key of a map | Ericsson | 29.519 | 0233 | - | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210070 | Support of stateless NFs | Huawei | 29.520 | 0247 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210354 | Support of stateless NFs | Huawei | 29.520 | 0247 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210071 | Support of stateless NFs | Huawei | 29.520 | 0248 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210355 | Support of stateless NFs | Huawei | 29.520 | 0248 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210195 | Storage of YAML files in ETSI Forge | Ericsson | 29.520 | 0249 | - | Rel-16 | F | SBIProtoc16 | agreed |
| C3-210196 | Storage of YAML files in ETSI Forge | Ericsson | 29.520 | 0250 | - | Rel-17 | A | SBIProtoc16 | agreed |
| C3-210215 | OpenAPI reference | Ericsson | 29.520 | 0251 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210250 | Correction to S-NSSAI applicability | Ericsson | 29.520 | 0252 | - | Rel-16 | F | eNA | revised |
| C3-210417 | Correction to S-NSSAI applicability | Ericsson, Huawei | 29.520 | 0252 | 1 | Rel-16 | F | eNA | agreed |
| C3-210251 | Correction to S-NSSAI applicability | Ericsson | 29.520 | 0253 | - | Rel-17 | A | eNA | revised |
| C3-210418 | Correction to S-NSSAI applicability | Ericsson, Huawei | 29.520 | 0253 | 1 | Rel-17 | A | eNA | agreed |
| C3-210072 | Support of stateless NFs | Huawei | 29.521 | 0094 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210356 | Support of stateless NFs | Huawei | 29.521 | 0094 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210113 | Correction to Framed Routing feature | Ericsson | 29.521 | 0095 | - | Rel-16 | F | 5WWC | agreed |
| C3-210197 | Storage of YAML files in ETSI Forge | Ericsson | 29.521 | 0096 | - | Rel-16 | F | SBIProtoc16 | agreed |
| C3-210045 | Correct presence condition in ACS provisioning procedure | Ericsson | 29.522 | 0237 | - | Rel-16 | F | 5WWC | agreed |
| C3-210046 | Correct presence condition in ACS provisioning procedure | Ericsson | 29.522 | 0238 | - | Rel-17 | A | 5WWC | agreed |
| C3-210047 | Correct AlternativeQoS\_5G description | Ericsson | 29.522 | 0239 | - | Rel-16 | F | eV2XARC | revised |
| C3-210393 | Correct AlternativeQoS\_5G description | Ericsson | 29.522 | 0239 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210048 | Correct AlternativeQoS\_5G description | Ericsson | 29.522 | 0240 | - | Rel-17 | A | eV2XARC | revised |
| C3-210394 | Correct AlternativeQoS\_5G description | Ericsson | 29.522 | 0240 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210051 | Correct service parameter provisioning procedure | Ericsson | 29.522 | 0241 | - | Rel-16 | F | eV2XARC | revised |
| C3-210380 | Correct service parameter provisioning procedure | Ericsson | 29.522 | 0241 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210052 | Correct service parameter provisioning procedure | Ericsson | 29.522 | 0242 | - | Rel-17 | A | eV2XARC | revised |
| C3-210381 | Correct service parameter provisioning procedure | Ericsson | 29.522 | 0242 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210083 | Correction to alternative QoS paramter report | Huawei | 29.522 | 0243 | - | Rel-16 | F | eV2XARC | revised |
| C3-210378 | Correction to alternative QoS paramter report | Huawei, Ericsson | 29.522 | 0243 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210084 | Correction to alternative QoS paramter report | Huawei | 29.522 | 0244 | - | Rel-17 | A | eV2XARC | revised |
| C3-210379 | Correction to alternative QoS paramter report | Huawei, Ericsson | 29.522 | 0244 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210087 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.522 | 0245 | - | Rel-16 | F | eV2XARC | revised |
| C3-210384 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.522 | 0245 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210088 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.522 | 0246 | - | Rel-17 | A | eV2XARC | revised |
| C3-210385 | Disable UE notifications at changes related to Alternative QoS Profiles | Huawei | 29.522 | 0246 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210098 | QoS monitoring report during the PDU session termination | Huawei | 29.522 | 0247 | - | Rel-16 | F | 5G\_URLLC | revised |
| C3-210386 | QoS monitoring report during the PDU session termination | Huawei | 29.522 | 0247 | 1 | Rel-16 | F | 5G\_URLLC | agreed |
| C3-210099 | QoS monitoring report during the PDU session termination | Huawei | 29.522 | 0248 | - | Rel-17 | A | 5G\_URLLC | revised |
| C3-210387 | QoS monitoring report during the PDU session termination | Huawei | 29.522 | 0248 | 1 | Rel-17 | A | 5G\_URLLC | agreed |
| C3-210116 | Support of AF instance change | Huawei | 29.522 | 0249 | - | Rel-16 | F | 5G\_URLLC | revised |
| C3-210423 | Change of notification URI | Huawei | 29.522 | 0249 | 1 | Rel-16 | F | 5G\_URLLC | agreed |
| C3-210117 | Support of AF instance change | Huawei | 29.522 | 0250 | - | Rel-17 | A | 5G\_URLLC | revised |
| C3-210424 | Change of notification URI | Huawei | 29.522 | 0250 | 1 | Rel-17 | A | 5G\_URLLC | agreed |
| C3-210124 | Support Stateless NFs for AKMA API | Huawei | 29.522 | 0251 | - | Rel-17 | B | AKMA-CT | revised |
| C3-210374 | Support Stateless NFs for AKMA API | Huawei | 29.522 | 0251 | 1 | Rel-17 | B | AKMA-CT | agreed |
| C3-210125 | Missed 204 No Content for AKMA API | Huawei | 29.522 | 0252 | - | Rel-17 | B | AKMA-CT | agreed |
| C3-210128 | Last known location report | Huawei | 29.522 | 0253 | - | Rel-16 | F | eNAPIs | revised |
| C3-210391 | Last known location report | Huawei | 29.522 | 0253 | 1 | Rel-16 | F | eNAPIs | agreed |
| C3-210129 | Last known location report | Huawei | 29.522 | 0254 | - | Rel-17 | A | eNAPIs | revised |
| C3-210392 | Last known location report | Huawei | 29.522 | 0254 | 1 | Rel-17 | A | eNAPIs | agreed |
| C3-210130 | API design style | Huawei | 29.522 | 0255 | - | Rel-17 | F | TEI17 | revised |
| C3-210285 | API design style | Huawei | 29.522 | 0255 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210133 | Default value of accuary | Huawei | 29.522 | 0256 | - | Rel-16 | F | eNAPIs | agreed |
| C3-210134 | Default value of accuary | Huawei | 29.522 | 0257 | - | Rel-17 | A | eNAPIs | agreed |
| C3-210166 | Support Stateless NFs | Huawei | 29.522 | 0258 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210361 | Support Stateless NFs for TrafficInfluence API | Huawei | 29.522 | 0258 | 1 | Rel-16 | F | eNAPIs | agreed |
| C3-210167 | Support Stateless NFs | Huawei | 29.522 | 0259 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210362 | Support Stateless NFs for TrafficInfluence API | Huawei | 29.522 | 0259 | 1 | Rel-17 | A | eNAPIs | agreed |
| C3-210168 | Monitoring expire time | Huawei | 29.522 | 0260 | - | Rel-16 | F | eNAPIs | agreed |
| C3-210169 | Monitoring expire time | Huawei | 29.522 | 0261 | - | Rel-17 | A | eNAPIs | agreed |
| C3-210204 | Adding "description" field for map data types | Ericsson | 29.522 | 0262 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210216 | OpenAPI reference | Ericsson | 29.522 | 0263 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-210320 | OpenAPI reference | Ericsson | 29.522 | 0263 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210231 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | 29.522 | 0264 | - | Rel-16 | F | Vertical\_LAN | revised |
| C3-210367 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | 29.522 | 0264 | 1 | Rel-16 | F | Vertical\_LAN | agreed |
| C3-210232 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | 29.522 | 0265 | - | Rel-17 | A | Vertical\_LAN | revised |
| C3-210368 | Correction to mtcProviderId in 5GLANParameterProvision API | Ericsson | 29.522 | 0265 | 1 | Rel-17 | A | Vertical\_LAN | agreed |
| C3-210233 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | 29.522 | 0266 | - | Rel-16 | F | 5G\_eLCS | revised |
| C3-210369 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | 29.522 | 0266 | 1 | Rel-16 | F | 5G\_eLCS | agreed |
| C3-210234 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | 29.522 | 0267 | - | Rel-17 | A | 5G\_eLCS | revised |
| C3-210370 | Correction to mtcProviderId in LpiParameterProvision API | Ericsson | 29.522 | 0267 | 1 | Rel-17 | A | 5G\_eLCS | agreed |
| C3-210238 | Correction to AfId in AKMA API | Ericsson | 29.522 | 0268 | - | Rel-17 | F | AKMA-CT | revised |
| C3-210296 | Correction to AfId in AKMA API | Ericsson | 29.522 | 0268 | 1 | Rel-17 | F | AKMA-CT | agreed |
| C3-210240 | Correction to AKId in AKMA API | Ericsson | 29.522 | 0269 | - | Rel-17 | F | AKMA-CT | revised |
| C3-210297 | Correction to AKId in AKMA API | Ericsson | 29.522 | 0269 | 1 | Rel-17 | F | AKMA-CT | agreed |
| C3-210263 | Update DNN and S-NSSAI in ChargeableParty procedure | Ericsson | 29.522 | 0270 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | postponed |
| C3-210265 | Update DNN and S-NSSAI in AsSessionWithQoS API procedure | Ericsson | 29.522 | 0271 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT, Vertical\_LAN | postponed |
| C3-210217 | OpenAPI reference | Ericsson | 29.523 | 0042 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210073 | Support of stateless NFs | Huawei | 29.525 | 0138 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210357 | Support of stateless NFs | Huawei | 29.525 | 0138 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210074 | Support of stateless NFs | Huawei | 29.525 | 0139 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210358 | Support of stateless NFs | Huawei | 29.525 | 0139 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210140 | Correction to N2 PC5 policy | ZTE | 29.525 | 0140 | - | Rel-16 | F | eV2XARC | revised |
| C3-210401 | Correction to N2 PC5 policy | ZTE | 29.525 | 0140 | 1 | Rel-16 | F | eV2XARC | agreed |
| C3-210141 | Correction to N2 PC5 policy | ZTE | 29.525 | 0141 | - | Rel-17 | A | eV2XARC | revised |
| C3-210402 | Correction to N2 PC5 policy | ZTE | 29.525 | 0141 | 1 | Rel-17 | A | eV2XARC | agreed |
| C3-210205 | Adding "description" field for map data types | Ericsson | 29.525 | 0142 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210218 | OpenAPI reference | Ericsson | 29.525 | 0143 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210075 | Support of stateless NFs | Huawei | 29.551 | 0057 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210359 | Support of stateless NFs | Huawei | 29.551 | 0057 | 1 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210076 | Support of stateless NFs | Huawei | 29.551 | 0058 | - | Rel-17 | A | 5G\_eSBA | revised |
| C3-210421 | Support of stateless NFs | Huawei | 29.551 | 0058 | 1 | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210100 | Resolve the FFS for notification push | Huawei, China Telecom | 29.551 | 0059 | - | Rel-17 | B | pfdManEnh | revised |
| C3-210278 | Resolve the FFS for notification push | Huawei, China Telecom, Ericsson | 29.551 | 0059 | 1 | Rel-17 | B | pfdManEnh | agreed |
| C3-210101 | Partial pull update | Huawei, China Telecom | 29.551 | 0060 | - | Rel-17 | B | pfdManEnh | revised |
| C3-210279 | Partial pull update | Huawei, China Telecom | 29.551 | 0060 | 1 | Rel-17 | B | pfdManEnh | agreed |
| C3-210158 | Corrections on partial pull | China Telecom, Huawei | 29.551 | 0061 | - | Rel-17 | F | pfdManEnh | revised |
| C3-210284 | Corrections on partial pull | China Telecom, Huawei | 29.551 | 0061 | 1 | Rel-17 | F | pfdManEnh | revised |
| C3-210429 | Corrections on partial pull | China Telecom, Huawei | 29.551 | 0061 | 2 | Rel-17 | F | pfdManEnh | agreed |
| C3-210219 | OpenAPI reference | Ericsson | 29.551 | 0062 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210225 | notifyUri used by notification | ZTE | 29.551 | 0063 | - | Rel-16 | F | TEI16 | revised |
| C3-210395 | notifyUri used by notification | ZTE | 29.551 | 0063 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-CT | agreed |
| C3-210226 | notifyUri used by notification | ZTE | 29.551 | 0064 | - | Rel-17 | A | TEI16 | revised |
| C3-210396 | notifyUri used by notification | ZTE | 29.551 | 0064 | 1 | Rel-17 | A | TEI16, 5GS\_Ph1-CT | agreed |
| C3-210268 | Invalid Nnef\_PFDmanagement OpenAPI file | Ericsson, ZTE | 29.551 | 0065 | - | Rel-17 | F | pfdManEnh | agreed |
| C3-210078 | Supported feature number of ES3XX | Huawei | 29.554 | 0058 | - | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210057 | Interworking scenario support | Huawei | 29.561 | 0075 | - | Rel-16 | F | en5GPccSer | not pursued |
| C3-210058 | Interworking scenario support | Huawei | 29.561 | 0076 | - | Rel-17 | A | en5GPccSer | revised |
| C3-210366 | Interworking scenario support | Huawei, Ericsson | 29.561 | 0076 | 1 | Rel-17 | A | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210241 | Reporting Session S-NSSAI to RADIUS DN-AAA server | Ericsson | 29.561 | 0077 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | revised |
| C3-210286 | Reporting Session S-NSSAI to RADIUS DN-AAA server | Ericsson | 29.561 | 0077 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210242 | Reporting Session S-NSSAI to Diameter DN-AAA server | Ericsson | 29.561 | 0078 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | revised |
| C3-210287 | Reporting Session S-NSSAI to Diameter DN-AAA server | Ericsson | 29.561 | 0078 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210243 | Reporting FQDN of CHF to RADIUS DN-AAA server | Ericsson | 29.561 | 0079 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | revised |
| C3-210288 | Reporting FQDN of CHF to RADIUS DN-AAA server | Ericsson | 29.561 | 0079 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | postponed |
| C3-210244 | Reporting FQDN of CHF to Diameter DN-AAA server | Ericsson | 29.561 | 0080 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | postponed |
| C3-210245 | Reporting FQDN of Serving NF to RADIUS DN-AAA server | Ericsson | 29.561 | 0081 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | revised |
| C3-210290 | Reporting FQDN of Serving NF to RADIUS DN-AAA server | Ericsson | 29.561 | 0081 | 1 | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210246 | Reporting FQDN of Serving NF to Diameter DN-AAA server | Ericsson | 29.561 | 0082 | - | Rel-17 | B | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210247 | Update Descriptions for PAPCHAP in RADIUS message flow | Ericsson | 29.561 | 0083 | - | Rel-17 | F | PAP\_CHAP | revised |
| C3-210298 | Update Descriptions for PAPCHAP in RADIUS message flow | Ericsson, China Telecom | 29.561 | 0083 | 1 | Rel-17 | F | PAP\_CHAP | agreed |
| C3-210248 | Update Descriptions for PAPCHAP in Diameter message flow | Ericsson | 29.561 | 0084 | - | Rel-17 | F | PAP\_CHAP | revised |
| C3-210299 | Update Descriptions for PAPCHAP in Diameter message flow | Ericsson, China Telecom | 29.561 | 0084 | 1 | Rel-17 | F | PAP\_CHAP | agreed |
| C3-210174 | Support Stateless NFs | Huawei | 29.591 | 0031 | - | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210175 | Support Stateless NFs | Huawei | 29.591 | 0032 | - | Rel-17 | A | 5G\_eSBA | agreed |
| C3-210220 | OpenAPI reference | Ericsson | 29.591 | 0033 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210249 | Correction to location information usage | Ericsson | 29.591 | 0034 | - | Rel-17 | F | TEI17, eNA | revised |
| C3-210289 | Correction to location information usage | Ericsson | 29.591 | 0034 | 1 | Rel-17 | F | TEI17, eNA | revised |
| C3-210371 | Correction to location information usage | Ericsson | 29.591 | 0034 | 2 | Rel-17 | F | TEI17, eNA | agreed |
| C3-210077 | Support of stateless NFs | Huawei | 29.594 | 0070 | - | Rel-16 | F | 5G\_eSBA | revised |
| C3-210360 | Support of stateless NFs | Huawei | 29.594 | 0070 | 1 | Rel-16 | F | 5G\_eSBA | revised |
| C3-210422 | Support of stateless NFs | Huawei | 29.594 | 0070 | 2 | Rel-16 | F | 5G\_eSBA | agreed |
| C3-210114 | Correction to Wireline Access information | Ericsson | 29.594 | 0071 | - | Rel-16 | F | 5WWC | revised |
| C3-210346 | Correction to Wireline Access information | Ericsson | 29.594 | 0071 | 1 | Rel-16 | F | 5WWC | agreed |
| C3-210164 | Definition addition to TS29.594 | Huawei | 29.594 | 0072 | - | Rel-17 | F | SBIProtoc17 | revised |
| C3-210316 | Definition addition to TS29.594 | Huawei | 29.594 | 0072 | 1 | Rel-17 | F | TEI17, 5GS\_Ph1-CT | agreed |
| C3-210165 | Optional header 3gpp-Sbi-Correlation-Info introduction | Huawei | 29.594 | 0073 | - | Rel-17 | B | SBIProtoc17 | revised |
| C3-210413 | Optional header clearification | Huawei | 29.594 | 0073 | 1 | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210206 | Update of "description" field for racsReports | Ericsson | 29.675 | 0019 | - | Rel-17 | F | SBIProtoc17 | agreed |
| C3-210221 | OpenAPI reference | Ericsson | 29.675 | 0020 | - | Rel-17 | F | SBIProtoc17 | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| C3-210016 |  | LS on stage 3 aspects for Reliable Data Service Serialization Indication | CT1 | noted | (none) |
| C3-210017 |  | LS on Network Configuration Parameters Consistent Handling in UDM | CT4 | noted | (none) |
| C3-210018 |  | LS on UTRAN UE capabilities from CN to Gnb | RAN2 | noted | (none) |
| C3-210019 |  | LS Response on Support of L2TP in PFCP | SA2 | noted | (none) |
| C3-210020 |  | LS on Support of Dual Connectivity end to end Redundant User Plane Paths | SA2 | noted | (none) |
| C3-210021 |  | LS on Use of Inclusive Language in 3GPP | SA | noted | (none) |
| C3-210325 |  | Reply to LS on APIs in EDGEAPP | SA6 | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| C3-210310 | LS on NSI ID on N7 interface | SA2 | CT4 |  |
| C3-210377 | LS on Secondary AUTH for 5GS interworking with EPS | SA2, SA3 | CT1 |  |
| C3-210388 | LS on Support of AF instance change | SA2 | - |  |
| C3-210409 | LS on QoS monitoring control for Service Data Flows | SA2 | CT4 |  |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| C3-210270 | New WID on CT aspects on Dynamically Changing AM Policies in the 5GC | Ericsson | WID new |
| C3-210275 | New WID on CT aspects on Dynamic Management of Group-based Event Monitoring | Ericsson | WID new |
| C3-210431 | New WID on N7 Interfaces Enhancements to Support GERAN and UTRAN | China Mobile Communications Group Co.,Ltd. | WID new |
| C3-210106 | Revised WID on PFD management enhancement | Huawei, China Telecom | WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| C3-210178 | 29.558 | 0.0.0 | Skeleton for TS 29.558 |
| C3-210300 | 29.558 | 0.0.0 | Skeleton for TS 29.558 |
| C3-210322 | 29.558 | 0.0.0 | TS 29.558 v0.1.0 |
| C3-210323 | 29.535 | 0.1.0 | TS 29.535 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) |
| 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) |
| BOURNELLE, Julien | Orange UK | 3GPPMEMBER (ETSI) |
| BRINKMANN, Horst | Nokia Germany | 3GPPMEMBER (ETSI) |
| CHAMPEL, Mary-Luc | Beijing Xiaomi Electronics | 3GPPMEMBER (CCSA) |
| CHIN, ChenHo | OPPO | 3GPPMEMBER (ETSI) |
| DAWES, Peter | Vodafone Ireland Plc | 3GPPMEMBER (ETSI) |
| DE GREGORIO, Jesus | Ericsson Hungary Ltd | 3GPPMEMBER (ETSI) |
| EITOKU, haruka | NTT corporation | 3GPPMEMBER (ETSI) |
| EL MOATAMID, Abdessamad | Huawei Technologies France | 3GPPMEMBER (ETSI) |
| GARCIA AZORERO, Fuencisla | Ericsson India Private Limited | 3GPPMEMBER (TSDSI) |
| GAY, Emmanuel | Orange Romania | 3GPPMEMBER (ETSI) |
| GÖRMER, Gerald | Matrixx | 3GPPMEMBER (ETSI) |
| GULBANI, Giorgi | Huawei Technologies R&D UK | 3GPPMEMBER (ETSI) |
| GUPTA, Varini | Harman GmbH | 3GPPMEMBER (ETSI) |
| HAOUARI, wafa | Orange Romania | 3GPPMEMBER (ETSI) |
| HERRERO-VERON, Christian | HUAWEI TECHNOLOGIES Co. Ltd. | 3GPPMEMBER (ETSI) |
| HIKOSAKA, Maoki | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| HOLMSTRÖM, Tomas | Ericsson Telecomunicazioni SpA | 3GPPMEMBER (ETSI) |
| INOUE, Yoshihiro | NTT | 3GPPMEMBER (TTC) |
| ISHIKAWA, Hiroshi | NTT DOCOMO INC. | 3GPPMEMBER (ARIB) |
| JING, Hao | ETSI | 3GPPORG\_REP (ETSI) |
| JOHANSSON, Kaj | Oy LM Ericsson AB | 3GPPMEMBER (ETSI) |
| KREIPL, Michael | Telekom Deutschland GmbH | 3GPPMEMBER (ETSI) |
| LAVASANI, Shahab | Huawei Technologies Sweden AB | 3GPPMEMBER (ETSI) |
| LEE, Jay | Verizon UK Ltd | 3GPPMEMBER (ETSI) |
| LEI, Yu | Xiaomi Communications | 3GPPMEMBER (CCSA) |
| LI, Li | Huawei Telecommunication India | 3GPPMEMBER (TSDSI) |
| 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 Mobile Software | 3GPPMEMBER (CCSA) |
| LIU, Qingfen | HUAWEI Technologies Japan K.K. | 3GPPMEMBER (ARIB) |
| LU, Wei | Xiaomi Technology | 3GPPMEMBER (CCSA) |
| LU, Yunjie | Ericsson Inc. | 3GPPMEMBER (ATIS) |
| LUETZENKIRCHEN, Thomas | Intel Deutschland GmbH | 3GPPMEMBER (ETSI) |
| 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) |
| PINTO, BARUCH | Allot Ltd | 3GPPMEMBER (ETSI) |
| 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) |
| SHEKHAR, Ravi | Cisco Systems | 3GPPMEMBER (ATIS) |
| SHEN, Yang | Beijing Xiaomi Mobile Software | 3GPPMEMBER (CCSA) |
| SHU, Lin | Huawei Device Co., Ltd | 3GPPMEMBER (CCSA) |
| SKROCKI, Mariusz | Orange Spain | 3GPPMEMBER (ETSI) |
| SRIVASTAVA, Vimal | Cisco Systems Belgium | 3GPPMEMBER (ETSI) |
| STARSINIC, Michael | Convida Wireless | 3GPPMEMBER (ETSI) |
| SUH, Kyungjoo Grace | Samsung Electronics Nordic AB | 3GPPMEMBER (ETSI) |
| SUN, Yue | China Telecommunications | 3GPPMEMBER (ETSI) |
| SUZUKI, Yuji | NTT DOCOMO INC. | 3GPPMEMBER (TTC) |
| TAKAKURA, Tsuyoshi | NEC Europe Ltd | 3GPPMEMBER (ETSI) |
| TANGUDU, Narendranath Durga | Samsung Electronics Iberia SA | 3GPPMEMBER (ETSI) |
| WEI, haitao | Huawei Technologies Japan K.K. | 3GPPMEMBER (TTC) |
| XU, Wenliang | L.M. Ericsson Limited | 3GPPMEMBER (ETSI) |
| YAMAKITA, Takayuki | Oki Electric Industry Co. Ltd. | 3GPPMEMBER (TTC) |
| YAN, Xiaojian | CALTTA | 3GPPMEMBER (CCSA) |
| YAN, Yali | HUAWEI TECH. GmbH | 3GPPMEMBER (ETSI) |
| YANG, Haorui | Beijing OPPO Com. corp., ltd | 3GPPMEMBER (CCSA) |
| YONG, Jiang | CATT | 3GPPMEMBER (CCSA) |
| ZHANG, Rong | China Telecom Corporation Ltd. | 3GPPMEMBER (CCSA) |
| ZHOU, Xiaoyun | Huawei Technologies (Korea) | 3GPPMEMBER (TTA) |
| ZHOU, Xingyue | ShenZhen Zhongxing Shitong | 3GPPMEMBER (CCSA) |
| ZIA, Waqar | Qualcomm CDMA Technologies | 3GPPMEMBER (ETSI) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| CT3#114e | 2021-02-24 | 2021-03-05 | e-meeting | e-meeting | C3-114e |
| CT3#115e | 2021-04-14 | 2021-04-23 | e-meeting | e-meeting | C3-115e |
| CT3#116e | 2021-05-19 | 2021-05-28 | e-meeting | e-meeting | C3-116e |
| CT3#116-BIS | 2021-07-12 | 2021-07-16 | TBD |  | C3-ah-37538 |
| CT3#117 | 2021-08-23 | 2021-08-27 | TBD |  | C3-117 |
| CT3#118 | 2021-10-11 | 2021-10-15 | TBD |  | C3-118 |
| CT3#119 | 2021-11-15 | 2021-11-19 | TBD |  | C3-119 |