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

**Meeting Report  
for  
TSG SA WG5  
meeting: 133e**

**Online, electronic meeting, 12/10/2020 to 21/10/2020**

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## 1 Opening of the meeting

**NOTE: *Tdoc S5-205406 contains minutes and notes of the discussions and conference calls of this electronic meeting.***

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

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

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

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

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

## 2 Approval of the agenda

**S5-205000 Agenda**

*Type: agenda For: (not specified)  
 Source: WG Chair*

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

## 3 IPR and legal declaration

## 4 Meetings and activities reports

### 4.1 Last SA5 meeting report

**S5-205001 Report from last SA5 meeting**

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

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

### 4.2 Last SA meeting report

### 4.3 Inter-organizational reports

## 5 Cross-SWG issues

### 5.1 Administrative issues at SA5 level

**S5-205002 SA5#133e e-meeting process**

*Type: discussion For: (not specified)  
 Source: WG Chair*

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

**S5-205003 Post SA5#133e Email approval status**

*Type: other For: (not specified)  
 Source: WG Chair*

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

**S5-205011 SA5 working procedures**

*Type: other For: (not specified)  
 Source: WG Chair*

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

### 5.2 Technical issues at SA5 level

### 5.3 Liaison statements at SA5 level

**S5-205020 Reply LS to SA5 on QoS requirements for OAM traffic on IAB**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S2-2006489*

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

**S5-205024 LS to SA5 on Rel-17 schedule**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: 3GPP TSG SA*

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

**S5-205194 Reply LS on Counter of UEs Registering Network Slice**

*Type: LS out For: (not specified)  
 to 3GPP CT4, SA2  
 Source: China Mobile Com. Corporation*

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

**S5-205271 LS on Counter of UEs Registering Network Slice**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C4-204421*

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

### 5.4 SA5 meeting calendar

**S5-205010 SA5 meeting calendar**

*Type: other For: (not specified)  
 Source: WG Chair*

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

## 6 OAM&P

### 6.1 OAM&P Plenary

**S5-205004 OAM&P SWG action list**

*Type: other For: (not specified)  
 Source: WG Chair*

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

**S5-205005 SA5#133e\_agenda\_with\_Tdocs\_sequence\_proposal\_OAM**

*Type: agenda For: (not specified)  
 Source: WG Vice Chair*

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

**S5-205006 SA5#132e OAM Exec Report**

*Type: report For: (not specified)  
 Source: WG Vice Chair*

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

**S5-205007 SA5#133e OAM Chair notes and conclusions**

*Type: report For: (not specified)  
 Source: WG Chair*

**Decision:** The document was **revised to S5-205406**.

**S5-205406 SA5#133e OAM Chair notes and conclusions**

*Type: report For: -  
 Source: WG Chair*

(Replaces S5-205007)

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

**S5-205013 LS to SA5 on TM Forum implementation experiences 3GPP NRM Models**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: TM Forum*

**Decision:** The document was **replied to in S5-205348**.

**S5-205348 Reply to: LS to SA5 on TM Forum implementation experiences 3GPP NRM Models**

*Type: LS out For: approval  
 to TM Forum, cc SA  
 Source: Huawei*

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

**S5-205015 LS to SA5 for End-to-End Network Slicing Gap analysis**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: GSMA NEST*

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

**S5-205016 Reply LS to SA5 on the clarification of handover and reselection parameters**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-205542*

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

**S5-205017 Reply LS to SA5 on energy efficiency**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-205657*

**Decision:** The document was **replied to in S5-205357**.

**S5-205357 Reply to: Reply LS to SA5 on energy efficiency**

*Type: LS out For: approval  
 to RAN3, cc RAN2,SA  
 Source: ORANGE*

(Replaces S5-205232)

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

**S5-205018 LS ccSA5 on New service type of NR QoE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-205724*

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

**S5-205019 LS to SA5 on URI for streaming trace reporting in LTE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-205798*

**Decision:** The document was **replied to in S5-205356**.

**S5-205021 Resubmitted Reply LS to SA5 on QoE Measurement Collection**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2005778*

**Decision:** The document was **replied to in S5-205347**.

**S5-205347 Reply to: Resubmitted Reply LS to SA5 on QoE Measurement Collection**

*Type: LS out For: approval  
 to RAN2,RAN3,SA4, cc SA,RAN  
 Source: Ericsson*

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

**S5-205022 Resubmitted LS to SA5 on QoE Measurement Collection**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S4-200962*

**Decision:** The document was **replied to in S5-205347**.

**S5-205023 Resubmitted LS to SA5 on O-RAN – 3GPP Cooperation on Management Services**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: O-RAN*

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

**S5-205045 LS to SA5 on Introduction of TM Forum Autonomous Network project and Coordination Proposal**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: TM Forum*

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

**S5-205062 Collection of useful endorsed document and external communication documents**

*Type: other For: (not specified)  
 Source: Huawei Technologies (Korea)*

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

**S5-205092 Reply LS on URI for streaming trace reporting in LTE**

*Type: LS out For: Information  
 to RAN3  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205356**.

**S5-205356 Reply LS on URI for streaming trace reporting in LTE**

*Type: LS out For: Information  
 to RAN3  
 Source: Ericsson LM*

(Replaces S5-205092)

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

**S5-205198 TD Creation of a new TS with example MnFs and procedures**

*Type: discussion For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205199 Rel-16 OAM Stage2 and Stage3 Mapping Status**

*Type: other For: (not specified)  
 Source: SA5 Vice Chair(Huawei), SA5 Chair*

**Decision:** The document was **revised to S5-205358**.

**S5-205358 Rel-16 OAM Stage2 and Stage3 Mapping Status**

*Type: other For: -  
 Source: SA5 Vice Chair(Huawei), SA5 Chair*

(Replaces S5-205199)

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

**S5-205230 Specification investigation**

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

**Decision:** The document was **revised to S5-205359**.

**S5-205359 Specification investigation**

*Type: discussion For: -  
 Source: Ericsson*

(Replaces S5-205230)

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

**S5-205232 LS Reply to RAN3 on Energy Efficiency**

*Type: LS out For: Approval  
 to RAN3, cc RAN2, SA  
 Source: Orange*

**Decision:** The document was **revised to S5-205357**.

**S5-205276 fix description related to service profile**

*Type: CR For: Agreement  
 28.541 v16.6.0 CR-0408 Cat: F (Rel-16)  
  
 Source: Nokia*

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

**S5-205323 List of draftCRs**

*Type: other For: Information  
 Source: SA WG5*

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

**S5-205349 Discussion on YANG interface for Network Slice Management**

*Type: discussion For: discussion  
 Source: Cisco*

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

**S5-205354 Discussion paper for discontinuing XML solution set from Rel-16**

*Type: discussion For: discussion  
 Source: Huawei*

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

**S5-205355 Reply LS to O-RAN – 3GPP Cooperation on Management Services**

*Type: LS out For: Approval  
 to O-RAN  
 Source: Huawei*

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

### 6.2 New OAM&P Work Item proposals

### 6.3 OAM&P Maintenance and Rel-16 small Enhancements

**S5-205047 Rel-15 CR 28.554 Correct UDM e2e KPI**

*Type: CR For: Agreement  
 28.554 v15.4.0 CR-0059 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205360**.

**S5-205360 Rel-15 CR 28.554 Correct UDM e2e KPI**

*Type: CR For: Agreement  
 28.554 v15.4.0 CR-0059 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces S5-205047)

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

**S5-205048 Rel-16 CR 28.554 Correct UDM e2e KPI**

*Type: CR For: Agreement  
 28.554 v16.6.0 CR-0060 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205361**.

**S5-205361 Rel-16 CR 28.554 Correct UDM e2e KPI**

*Type: CR For: Agreement  
 28.554 v16.6.0 CR-0060 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205048)

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

**S5-205049 Rel-17 CR 28.554 Correct UDM e2e KPI**

*Type: CR For: Agreement  
 28.554 v17.0.0 CR-0061 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205362**.

**S5-205362 Rel-17 CR 28.554 Correct UDM e2e KPI**

*Type: CR For: Agreement  
 28.554 v17.0.0 CR-0061 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-205049)

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

**S5-205053 Rel-16 CR 28.536 Update references to other specifications**

*Type: CR For: Agreement  
 28.536 v16.1.0 CR-0008 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205399**.

**S5-205399 Rel-16 CR 28.536 Update references to other specifications**

*Type: CR For: Agreement  
 28.536 v16.1.0 CR-0008 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205053)

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

**S5-205054 Rel-16 CR TS 28.536 Clarify predicted value of the AssuranceGoalStatus**

*Type: CR For: Agreement  
 28.536 v16.1.0 CR-0009 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205404**.

**S5-205404 Rel-16 CR TS 28.536 Clarify predicted value of the AssuranceGoalStatus**

*Type: CR For: Agreement  
 28.536 v16.1.0 CR-0009 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205054)

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

**S5-205055 Rel-16 CR TS 28.554 Fix the formula for upstream throughout**

*Type: CR For: Agreement  
 28.554 v16.6.0 CR-0062 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205056 Rel-17 CR TS 28.554 Fix the formula for upstream throughout**

*Type: CR For: Agreement  
 28.554 v17.0.0 CR-0063 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-205057 Rel-16 CR TS 32.422 Clarification of tracing roaming UE for 5GC**

*Type: CR For: Agreement  
 32.422 v16.3.0 CR-0347 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205365**.

**S5-205365 Rel-16 CR TS 32.422 Clarification of tracing roaming UE for 5GC**

*Type: CR For: Agreement  
 32.422 v16.3.0 CR-0347 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205057)

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

**S5-205058 Rel-17 CR TS 32.422 Clarification of tracing roaming UE for 5GC**

*Type: CR For: Agreement  
 32.422 v17.0.0 CR-0348 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205366**.

**S5-205366 Rel-17 CR TS 32.422 Clarification of tracing roaming UE for 5GC**

*Type: CR For: Agreement  
 32.422 v17.0.0 CR-0348 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-205058)

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

**S5-205059 Correct streaming trace record concept figure**

*Type: CR For: Agreement  
 32.423 v16.2.0 CR-0117 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

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

**S5-205060 YANG corrections by Code Moderator**

*Type: discussion For: Endorsement  
 Source: Ericsson Hungary Ltd*

**Decision:** The document was **revised to S5-205395**.

**S5-205395 YANG corrections by Code Moderator**

*Type: discussion For: Endorsement  
 Source: Ericsson Hungary Ltd*

(Replaces S5-205060)

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

**S5-205061 Correction of NRM YANG errors**

*Type: CR For: Approval  
 28.623 v16.5.0 CR-0108 Cat: F (Rel-16)  
  
 Source: Ericsson Hungary Ltd*

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

**S5-205063 Correction of NRM YANG errors**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0377 Cat: F (Rel-16)  
  
 Source: Ericsson Hungary Ltd*

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

**S5-205094 R16 CR TS 28.541 add subclause reference of MRO related attribute**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0378 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205373**.

**S5-205373 R16 CR TS 28.541 add subclause reference of MRO related attribute**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0378 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205094)

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

**S5-205095 R16 CR TS 28.313 add subclause reference for ranges of handover parameters**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0001 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205379**.

**S5-205379 R16 CR TS 28.313 add subclause reference for ranges of handover parameters**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0001 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205095)

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

**S5-205096 R16 CR TS 28.313 corrections on notification information of PCI configuration**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0002 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205380**.

**S5-205380 R16 CR TS 28.313 corrections on notification information of PCI configuration**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0002 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205096)

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

**S5-205101 Rel-16 CR TS 28.532 Correction on generic file data report MnS**

*Type: CR For: Agreement  
 28.532 v16.5.1 CR-0148 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205385**.

**S5-205385 Rel-16 CR TS 28.532 Correction on generic file data report MnS**

*Type: CR For: Agreement  
 28.532 v16.5.1 CR-0148 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205101)

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

**S5-205102 Rel-16 CR TS 28.532 Update generic streaming MnS**

*Type: CR For: Agreement  
 28.532 v16.5.1 CR-0149 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205386**.

**S5-205386 Rel-16 CR TS 28.532 Update generic streaming MnS**

*Type: CR For: Agreement  
 28.532 v16.5.1 CR-0149 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205102)

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

**S5-205103 Rel-15 CR TS 28.658 Add missing inheritance diagram for EUtranFrequency and EUtranFreqRelation**

*Type: CR For: Agreement  
 28.658 v15.5.0 CR-0053 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**S5-205104 Rel-16 CR TS 28.658 Add missing inheritance diagram for EUtranFrequency and EUtranFreqRelation**

*Type: CR For: Agreement  
 28.658 v16.3.0 CR-0054 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**S5-205105 Rel-16 CR TS 28.541 Correct the definition for configurable5QI and dynamic5QI**

*Type: CR For: Agreement  
 28.541 v16.6.0 CR-0379 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205106 Rel-17 CR TS 28.541 Correct the definition for configurable5QI and dynamic5QI**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0380 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-205110 Rel-16 CR 32.422 Fix inconsistencies in NR positioning method**

*Type: CR For: Approval  
 32.422 v16.3.0 CR-0351 Cat: F (Rel-16)  
  
 Source: Nokia*

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

**S5-205111 Rel-17 CR 32.422 Fix inconsistencies in NR positioning method**

*Type: CR For: Approval  
 32.422 v17.0.0 CR-0352 Cat: A (Rel-17)  
  
 Source: Nokia*

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

**S5-205129 Rel-16 CR 28.313 address the issues discovered by Edithelp**

*Type: CR For: Agreement  
 28.313 v16.0.0 CR-0003 Cat: F (Rel-16)  
  
 Source: Intel Sweden AB*

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

**S5-205130 Rel-16 CR 28.313 address the issues discovered by Edithelp**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0004 Cat: F (Rel-16)  
  
 Source: Intel Corporation (UK) Ltd*

**Decision:** The document was **revised to S5-205378**.

**S5-205378 Rel-16 CR 28.313 address the issues discovered by Edithelp**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0004 rev 1 Cat: F (Rel-16)  
  
 Source: Intel Corporation (UK) Ltd*

(Replaces S5-205130)

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

**S5-205131 Rel.16 CR 28.313 Fix the wrong references**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0005 Cat: F (Rel-16)  
  
 Source: Intel Corporation (UK) Ltd*

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

**S5-205136 Rel-16 CR 28.313 Change RACH control attributes from beam to cell**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0006 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S, Intel*

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

**S5-205137 Rel-16 CR 28.541 Change RACH control attributes from beam to cell**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0381 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S, Intel*

**Decision:** The document was **revised to S5-205374**.

**S5-205374 Rel-16 CR 28.541 Change RACH control attributes from beam to cell**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0381 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S, Intel*

(Replaces S5-205137)

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

**S5-205138 Rel-17 CR 28.541 Change RACH control attributes from beam to cell**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0382 Cat: F (Rel-17)  
  
 Source: Ericsson France S.A.S, Intel*

**Decision:** The document was **revised to S5-205375**.

**S5-205375 Rel-17 CR 28.541 Change RACH control attributes from beam to cell**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0382 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson France S.A.S, Intel*

(Replaces S5-205138)

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

**S5-205139 Rel-16 CR 28.541 Move Distributed RACH control IOC from CU to DU**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0383 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S*

**Decision:** The document was **revised to S5-205376**.

**S5-205376 Rel-16 CR 28.541 Move Distributed RACH control IOC from CU to DU**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0383 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S*

(Replaces S5-205139)

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

**S5-205140 Rel-17 CR 28.541 Move Distributed RACH control IOC from CU to DU**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0384 Cat: F (Rel-17)  
  
 Source: Ericsson France S.A.S*

**Decision:** The document was **revised to S5-205377**.

**S5-205377 Rel-17 CR 28.541 Move Distributed RACH control IOC from CU to DU**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0384 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson France S.A.S*

(Replaces S5-205140)

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

**S5-205141 Rel-16 CR 28.313 Correct Distributed PCI optimization**

*Type: CR For: Approval  
 28.313 v16.0.0 CR-0007 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S*

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

**S5-205142 Rel-16 CR 28.541 Move Distributed PCI control IOC from DU to CU**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0385 Cat: F (Rel-16)  
  
 Source: Ericsson France S.A.S*

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

**S5-205143 Rel-17 CR 28.541 Move Distributed PCI control IOC from DU to CU**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0386 Cat: F (Rel-17)  
  
 Source: Ericsson France S.A.S*

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

**S5-205151 Rel-17 CR 28.554 Editorial Correction of TS 28.554**

*Type: CR For: Approval  
 28.554 v17.0.0 CR-0064 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205363**.

**S5-205363 Rel-17 CR 28.554 Editorial Correction of TS 28.554**

*Type: CR For: Approval  
 28.554 v17.0.0 CR-0064 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei.ORANGE*

(Replaces S5-205151)

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

**S5-205152 Rel-16 CR 28.554 Editorial Correction of TS 28.554**

*Type: CR For: Approval  
 28.554 v16.6.0 CR-0065 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205364**.

**S5-205364 Rel-16 CR 28.554 Editorial Correction of TS 28.554**

*Type: CR For: Approval  
 28.554 v16.6.0 CR-0065 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei,ORANGE*

(Replaces S5-205152)

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

**S5-205153 Rel-17 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0388 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205367**.

**S5-205367 Rel-17 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0388 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-205153)

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

**S5-205154 Rel-16 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0389 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205368**.

**S5-205368 Rel-16 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0389 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205154)

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

**S5-205155 Cleanup based on refined slice definition**

*Type: CR For: Approval  
 28.533 v16.5.1 CR-0073 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205390**.

**S5-205390 Cleanup based on refined slice definition**

*Type: CR For: Approval  
 28.533 v16.5.1 CR-0073 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

(Replaces S5-205155)

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

**S5-205156 Rel-16 CR 28.532 Correct CR implementation errors (Fault MnS)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0150 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205381**.

**S5-205381 Rel-16 CR 28.532 Correct CR implementation errors (Fault MnS)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0150 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205156)

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

**S5-205157 Rel-16 CR 28.532 Extend object creation method with id selection by the MnS producer (stage 2)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0151 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205158 Rel-16 CR 28.532 Correct ThresholdLevelInd (REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0152 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205388**.

**S5-205388 Rel-16 CR 28.532 Correct ThresholdLevelInd (REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0152 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205158)

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

**S5-205187 Rel-16 CR 28.532 Correct notifyThresholdCrossing (stage 2)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0153 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205188 Rel-16 CR 28.532 Correct notifyThresholdCrossing (REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0154 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205387**.

**S5-205387 Rel-16 CR 28.532 Correct notifyThresholdCrossing (REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0154 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205188)

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

**S5-205189 Rel-16 CR 28.532 Correct notifyHeartbeat (stage 2, REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0155 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205382**.

**S5-205382 Rel-16 CR 28.532 Correct notifyHeartbeat (stage 2, REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0155 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205189)

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

**S5-205190 Rel-16 CR 28.622 Remove thresholdLevel attribute from ThresholdMonitor (stage 2)**

*Type: CR For: Approval  
 28.622 v16.5.0 CR-0090 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205389**.

**S5-205389 Rel-16 CR 28.622 Remove thresholdLevel attribute from ThresholdMonitor (stage 2)**

*Type: CR For: Approval  
 28.622 v16.5.0 CR-0090 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205190)

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

**S5-205191 Rel-16 CR 28.623 Remove thresholdLevel attribute from ThresholdMonitor (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v16.5.0 CR-0110 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205193 Rel-16 CR 28.532 Correct small errors in faultMnS.yaml (OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0156 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205195 Rel-16 CR 28.623 Correct and add types in comDefs.yaml (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v16.5.0 CR-0111 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205393**.

**S5-205393 Rel-16 CR 28.623 Correct and add types in comDefs.yaml (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v16.5.0 CR-0111 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205195)

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

**S5-205200 Rel-16 CR 28.530 Add missing definition of SLA and update definition of SLS**

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

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

**S5-205218 Correction of NRM YANG errors**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0393 Cat: A (Rel-17)  
  
 Source: Ericsson Hungary Ltd*

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

**S5-205225 Rel-16 CR TS 28.541 Correct Network slice NRM**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0394 Cat: F (Rel-16)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-205369**.

**S5-205369 Rel-16 CR TS 28.541 Correct Network slice NRM**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0394 rev 1 Cat: F (Rel-16)  
  
 Source: CATT*

(Replaces S5-205225)

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

**S5-205228 Rel-17 CR TS 28.541 Correct Network slice NRM**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0395 Cat: A (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-205370**.

**S5-205370 Rel-17 CR TS 28.541 Correct Network slice NRM**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0395 rev 1 Cat: A (Rel-17)  
  
 Source: CATT*

(Replaces S5-205228)

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

**S5-205231 Import prefix rule for YANG**

*Type: CR For: Approval  
 32.160 v16.3.0 CR-0010 Cat: B (Rel-17)  
  
 Source: Ericsson Hungary Ltd*

**Decision:** The document was **revised to S5-205396**.

**S5-205396 Import prefix rule for YANG**

*Type: CR For: Approval  
 32.160 v16.3.0 CR-0010 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson Hungary Ltd*

(Replaces S5-205231)

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

**S5-205235 Clarification on emission of threshold crossing notifications for non-cumulative counters**

*Type: CR For: Approval  
 28.550 v16.6.0 CR-0064 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Abstract:**

Update Annex F.2 to define the threshold crossing notification behaviour expected for non-cumulative counters.

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

**S5-205238 Move and update content of clause 4.1.1 Overview to Annex**

*Type: CR For: Approval  
 28.536 v16.1.0 CR-0010 Cat: F (Rel-16)  
  
 Source: Ericsson LM, Deutsche Telekom, NEC*

**Decision:** The document was **revised to S5-205397**.

**S5-205397 Move and update content of clause 4.1.1 Overview to Annex**

*Type: CR For: Approval  
 28.536 v16.1.0 CR-0010 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson LM, Deutsche Telekom, NEC*

(Replaces S5-205238)

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

**S5-205240 Update and make closed control loop term consistent**

*Type: CR For: Approval  
 28.535 v16.1.0 CR-0011 Cat: F (Rel-16)  
  
 Source: Ericsson LM, Deutsche Telekom, NEC*

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

**S5-205241 Update and make closed control loop term consistent**

*Type: CR For: Approval  
 28.536 v16.1.0 CR-0011 Cat: F (Rel-16)  
  
 Source: Ericsson LM, Deutsche Telekom, NEC*

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

**S5-205242 Proposal on Assurance Closed Loop model updates**

*Type: discussion For: (not specified)  
 Source: Ericsson LM, Deutsche Telekom, NEC*

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

**S5-205243 Rel-16 CR 28.623 Use comDefs.yaml instead of local definitions in genericNrm.yaml (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v16.5.0 CR-0112 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanhai Bell*

**Decision:** The document was **revised to S5-205394**.

**S5-205394 Rel-16 CR 28.623 Use comDefs.yaml instead of local definitions in genericNrm.yaml (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v16.5.0 CR-0112 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanhai Bell*

(Replaces S5-205243)

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

**S5-205244 Implement Assurance Closed Loop model changes**

*Type: CR For: Approval  
 28.536 v16.1.0 CR-0012 Cat: F (Rel-16)  
  
 Source: Ericsson LM, Deutsche Telekom, NEC*

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

**S5-205398 Implement Assurance Closed Loop model changes**

*Type: draftCR For: Approval  
 28.536 v16.1.0  
 Source: Ericsson LM, Deutsche Telekom, NEC*

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

**S5-205245 Rel-16 CR 32.423 Fix inconsistencies in NR positioning method**

*Type: CR For: Approval  
 32.423 v16.2.0 CR-0118 Cat: F (Rel-16)  
  
 Source: Nokia*

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

**S5-205246 Remove attribute perfMetricJobGroupId**

*Type: CR For: Agreement  
 28.622 v16.5.0 CR-0091 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Abstract:**

Remove the attribute definition perfMetricJobGroupId since it is not fully specified.

**Decision:** The document was **revised to S5-205391**.

**S5-205391 Remove attribute perfMetricJobGroupId**

*Type: CR For: Agreement  
 28.622 v16.5.0 CR-0091 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

(Replaces S5-205246)

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

**S5-205247 Remove attribute perfMetricJobGroupId**

*Type: CR For: Agreement  
 28.623 v16.5.0 CR-0113 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Abstract:**

Remove the attribute definition perfMetricJobGroupId.

**Decision:** The document was **revised to S5-205392**.

**S5-205392 Remove attribute perfMetricJobGroupId**

*Type: CR For: Agreement  
 28.623 v16.5.0 CR-0113 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

(Replaces S5-205247)

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

**S5-205251 add abbreviations**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0032 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205252 add abbreviations reference**

*Type: CR For: Agreement  
 28.533 v16.5.0 CR-0074 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205253 add containment relationship for network slice IOC**

*Type: CR For: Agreement  
 28.541 v16.6.0 CR-0398 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205258 Remove value handling from the granularityPeriod description.**

*Type: CR For: Agreement  
 28.622 v16.5.0 CR-0092 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Abstract:**

Remove the granularityPeriod value handling from this specification. It is already described in other PM specifications.

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

**S5-205259 Remove value handling from the granularityPeriod description.**

*Type: CR For: Agreement  
 28.623 v16.5.0 CR-0114 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Abstract:**

Remove value handling from the granularityPeriod description. It is covered in other PM specifications.

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

**S5-205260 add containment relationship for network slice IOC stage 3**

*Type: CR For: Agreement  
 28.541 v16.6.0 CR-0400 Cat: F (Rel-16)  
  
 Source: Nokia Germany*

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

**S5-205261 Correction of network slice NRM**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0401 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

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

**S5-205262 Correction of network slice NRM**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0402 Cat: A (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-205263 Stage3 Correction of network slice NRM**

*Type: CR For: Approval  
 28.541 v16.6.0 CR-0403 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

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

**S5-205264 Stage 3 Correction of network slice NRM**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0404 Cat: A (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-205265 Correction of allocateNsi operations and procedures**

*Type: CR For: Approval  
 28.531 v16.7.0 CR-0059 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205372**.

**S5-205372 Correction of allocateNsi operations and procedures**

*Type: CR For: Approval  
 28.531 v16.7.0 CR-0059 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

(Replaces S5-205265)

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

**S5-205266 Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (stage 2)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0157 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205383**.

**S5-205383 Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (stage 2)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0157 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205266)

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

**S5-205267 Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (REST SS, OpenAPI definitions)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0158 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205384**.

**S5-205384 Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (REST SS, OpenAPI definitions)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0158 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205267)

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

**S5-205268 Proposal on updates to network slice model and procedures**

*Type: discussion For: Endorsement  
 28.531 v..  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205405**.

**S5-205405 Proposal on updates to network slice model and procedures**

*Type: discussion For: Endorsement  
 28.531 v..  
 Source: Ericsson LM*

(Replaces S5-205268)

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

**S5-205269 Rel-16 CR 28.532 Extend object creation method with id selection by the MnS producer (REST SS, OpenAPI definition)**

*Type: CR For: Approval  
 28.532 v16.5.1 CR-0159 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205270 Rel-16 CR TS28.535 Corrections to clause 4.1 and 4.2.1**

*Type: CR For: Agreement  
 28.535 v16.1.0 CR-0012 Cat: F (Rel-16)  
  
 Source: NEC Europe Ltd; Ericsson*

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

**S5-205350 CR Rel-16 28.530 Correction of missing Figure 4.1.7.1 Examples of network slice as NOP internals**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0035 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**S5-205351 add containment relationship for network slice IOC**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0405 Cat: A (Rel-17)  
  
 Source: Nokia*

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

**S5-205352 add containment relationship for network slice IOC stage 3**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0406 Cat: A (Rel-17)  
  
 Source: Nokia*

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

**S5-205353 R17 CR TS 28.541 add subclause reference of MRO related attribute**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0407 Cat: A (Rel-17)  
  
 Source: Huawei*

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

### 6.4 Rel-17 Operations, Administration, Maintenance and Provisioning (OAM&P)

#### 6.4.1 Management of non-public networks

**S5-205201 pCR 28.557 Add use case of NPN provisioning by network slice of PLMN**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: Huawei, Telefónica S.A.*

**Decision:** The document was **revised to S5-205400**.

**S5-205400 pCR 28.557 Add use case of NPN provisioning by network slice of PLMN**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: Huawei, Telefónica S.A.*

(Replaces S5-205201)

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

**S5-205202 pCR 28.557 Add generic requirements for management of NPN**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-205401**.

**S5-205401 pCR 28.557 Add generic requirements for management of NPN**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: Huawei*

(Replaces S5-205202)

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

**S5-205203 pCR 28.557 Add generic management aspects**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: Huawei, Telefónica S.A.*

**Decision:** The document was **revised to S5-205402**.

**S5-205402 pCR 28.557 Add generic management aspects**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: Huawei, Telefónica S.A.*

(Replaces S5-205203)

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

**S5-205233 pCR 28.557 Add use case on SNPN provisioning**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: TELEFONICA S.A.*

**Decision:** The document was **revised to S5-205403**.

**S5-205403 pCR 28.557 Add use case on SNPN provisioning**

*Type: pCR For: Approval  
 28.557 v0.1.0  
 Source: TELEFONICA S.A.*

(Replaces S5-205233)

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

**S5-205272 Draft TR 28.557**

*Type: draft TR For: Approval  
 28.557 v0.2.0  
 Source: Huawei*

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

#### 6.4.2 Enhancement on Management Aspects of 5G Service-Level Agreement

**S5-205038 CR Rel-17 28.541 GST Configuration**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0373 Cat: C (Rel-17)  
  
 Source: Samsung Research America*

**Abstract:**

GST Configuration

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

**S5-205295 Input to draftCR Rel-17 28.541 GST Configuration**

*Type: other For: Approval  
 28.541 v17.0.0  
 Source: Samsung Research America*

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

**S5-205039 CR Rel-17 28.541 ServiceProfle to SliceProfile Translation**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0374 Cat: C (Rel-17)  
  
 Source: Samsung, China Mobile, Telefonica, Huawei*

**Abstract:**

ServiceProfle to SliceProfile Translation

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

**S5-205292 Input draftCR Rel-17 28.541 ServiceProfle to SliceProfile Translation**

*Type: other For: Approval  
 28.541 v17.0.0  
 Source: Samsung, China Mobile, Telefonica, Huawei*

**Discussion:**

merge of 205039, 205205 and 205236

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

**S5-205197 Add requirements of SLA management**

*Type: CR For: (not specified)  
 28.540 v17.0.0 CR-0013 Cat: B (Rel-17)  
  
 Source: China Mobile Com. Corporation*

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

**S5-205320 Input draftCR Add requirements of SLA management**

*Type: other For: -  
 28.540 v17.0.0  
 Source: China Mobile Com. Corporation*

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

**S5-205204 NRM modelling of SliceProfile**

*Type: discussion For: Endorsement  
 Source: Huawei*

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

**S5-205205 Rel-17 CR 28.541 NRM modelling of SliceProfile for RAN domain**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0390 Cat: B (Rel-17)  
  
 Source: Huawei*

**Discussion:**

Content is merged in the draft CR S5-205283.

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

**S5-205206 Living document of review of GSMA GST SA5#133e**

*Type: other For: Approval  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-205297**.

**S5-205297 Living document of review of GSMA GST SA5#133e**

*Type: other For: Approval  
 Source: Huawei, China Mobile*

(Replaces S5-205206)

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

**S5-205207 Rel-17 CR 28.541 Add positioning support in ServiceProfile**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0391 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

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

**S5-205293 Rel-17 Input to DraftCR 28.541 Add positioning support in ServiceProfile**

*Type: other For: Approval  
 28.541 v17.0.0  
 Source: Huawei, China Mobile*

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

**S5-205208 Rel-17 CR 28.541 Add synchronicity support in ServiceProfile**

*Type: CR For: Approval  
 28.541 v17.0.0 CR-0392 Cat: B (Rel-17)  
  
 Source: Huawei, China Mobile*

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

**S5-205294 Rel-17 Input to draftCR 28.541 Add synchronicity support in ServiceProfile**

*Type: other For: Approval  
 28.541 v17.0.0  
 Source: Huawei, China Mobile*

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

**S5-205234 Discussion on updating slice profile according to different network slice subnets**

*Type: discussion For: Endorsement  
 Source: China Mobile Com. Corporation*

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

**S5-205236 Update sliceProfile considering different domains**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0396 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

**Discussion:**

Content merged in S5-205283

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

**S5-205248 TD clarify concept of service level specification**

*Type: discussion For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205287**.

**S5-205287 TD clarify concept of service level specification**

*Type: discussion For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205248)

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

**S5-205254 decouple communication service and network slice**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0033 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205288**.

**S5-205288 decouple communication service and network slice**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0033 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205254)

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

**S5-205255 move service profile definition from 28531**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0034 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205289**.

**S5-205289 move service profile definition from 28531**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0034 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205255)

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

**S5-205256 move service profile definition to 28530**

*Type: CR For: Agreement  
 28.531 v16.7.0 CR-0058 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205290**.

**S5-205290 move service profile definition to 28530**

*Type: CR For: Agreement  
 28.531 v16.7.0 CR-0058 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205256)

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

**S5-205257 fix description related to service profile**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0399 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205291**.

**S5-205291 fix description related to service profile**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0399 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205257)

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

**S5-205277 DraftCR for 6.4.2 EMA5SLA - TS 28.540**

*Type: draftCR For: Approval  
 28.540 v17.0.0  
 Source: China Mobile*

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

**S5-205278 DraftCR for 6.4.2 EMA5SLA - TS 28.541**

*Type: draftCR For: Approval  
 28.541 v17.0.0  
 Source: China Mobile*

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

**S5-205283 Rel-17 Input to draftCR 28.541 ServiceProfile to SliceProfile Translation Stage 3**

*Type: other For: discussion  
 28.541 v..  
 Source: Samsung Research America*

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

#### 6.4.3 Management of MDT enhancement in 5G

**S5-205046 Add new MDT requirements for E-UTRAN**

*Type: CR For: Agreement  
 32.441 v16.0.0 CR-0020 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-205302 Input to DraftCR Add new MDT requirements for E-UTRAN**

*Type: response For: Agreement  
 32.441 v16.0.0  
 Source: Ericsson LM*

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

**S5-205093 Add additional information for MDT specific parameters in NR aligning with RAN TSs**

*Type: CR For: Agreement  
 32.422 v16.3.0 CR-0349 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205298**.

**S5-205298 Add additional information for MDT specific parameters in NR aligning with RAN TSs**

*Type: CR For: Agreement  
 32.422 v16.3.0 CR-0349 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

(Replaces S5-205093)

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

**S5-205097 Rel-17 Add additional information for MDT specific parameters in NR aligning with RAN TSs**

*Type: CR For: Agreement  
 32.422 v17.0.0 CR-0350 Cat: A (Rel-17)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205299**.

**S5-205299 Rel-17 Add additional information for MDT specific parameters in NR aligning with RAN TSs**

*Type: CR For: Agreement  
 32.422 v17.0.0 CR-0350 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson LM*

(Replaces S5-205097)

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

**S5-205098 Add new MDT specific parameter collection period for NR aligning with 32.422**

*Type: CR For: Agreement  
 28.622 v16.5.0 CR-0089 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205300**.

**S5-205300 Add new MDT specific parameter collection period for NR aligning with 32.422**

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

(Replaces S5-205098)

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

**S5-205099 Add new MDT specific parameter collection period for NR aligning with 28.622 for stage 3**

*Type: CR For: Agreement  
 28.623 v16.5.0 CR-0109 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-205301**.

**S5-205301 Add new MDT specific parameter collection period for NR aligning with 28.622 for stage 3**

*Type: CR For: Agreement  
 28.623 v16.5.0 CR-0109 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson LM*

(Replaces S5-205099)

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

**S5-205279 DraftCR for 6.4.3 e\_5GMDT - TS 32.441**

*Type: draftCR For: Approval  
 32.441 v16.0.0  
 Source: Ericsson*

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

#### 6.4.4 Additional NRM features

**S5-205050 Rel-17 CR 28.541 Add attributes of NRM IOC for NRF**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0375 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-205051 Rel-17 CR 28.541 Add stage 3 NRM IOC for NRF**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0376 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-205107 Discuss on NR NRM update to support MOCN network sharing scenario**

*Type: discussion For: Endorsement  
 28.541 v..  
 Source: Huawei, China Telecom, CATT, China Unicom*

(Replaces S5-204151)

**Decision:** The document was **revised to S5-205304**.

**S5-205304 Discuss on NR NRM update to support MOCN network sharing scenario**

*Type: discussion For: Endorsement  
 28.541 v..  
 Source: Huawei, China Telecom, CATT, China Unicom*

(Replaces S5-205107)

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

**S5-205108 Rel-17 CR TS 28.541 Update NR NRM to support MOCN network sharing scenario**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0328 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei,China Telecom,CATT,China Unicom*

(Replaces S5-204153)

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

**S5-205145 Discussion on enhancement of NRM to support network sharing**

*Type: discussion For: Endorsement  
 28.541 v..  
 Source: ZTE Wistron Telecom AB*

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

**S5-205146 Rel-17 CR TS 28.541 Add NRPhysicalCellDU NRM to support network sharing**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0387 Cat: B (Rel-17)  
  
 Source: ZTE Wistron Telecom AB*

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

**S5-205237 Proposal for NR NRM update to support MOCN network sharing**

*Type: discussion For: Endorsement  
 Source: Ericsson LM*

**Abstract:**

Proposal for NR NRM update to support Multiple Operator Core Network.

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

**S5-205239 Update NR NRM to support MOCN network sharing scenario**

*Type: CR For: Agreement  
 28.541 v17.0.0 CR-0397 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

**Abstract:**

Update NR NRM to support Multiple Operator Core Network (MOCN) network sharing scenario.

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

**S5-205280 DraftCR for 6.4.4 adNRM - TS 28.541**

*Type: draftCR For: Approval  
 28.541 v17.0.0  
 Source: Nokia*

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

#### 6.4.5 Enhancement of QoE Measurement Collection

**S5-205217 Adding Signalling Based Activation**

*Type: CR For: (not specified)  
 28.404 v16.2.0 CR-0003 Cat: C (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-205305 Input to draft CR Adding Signalling Based Activation**

*Type: other For: -  
 28.404 v16.2.0  
 Source: Ericsson LM*

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

**S5-205281 DraftCR for 6.4.5 eQoE - TS 28.404**

*Type: draftCR For: Approval  
 28.404 v16.2.0  
 Source: Ericsson*

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

#### 6.4.6 Enhancements of 5G performance measurements and KPIs

**S5-205044 Add to A.28 new part related to interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) monitoring.**

*Type: CR For: Approval  
 28.552 v17.0.0 CR-0266 Cat: F (Rel-17)  
  
 Source: Nokia Solutions & Networks (I)*

**Abstract:**

New measurement related to Mean interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) is proposed.

**Decision:** The document was **revised to S5-205309**.

**S5-205309 Add to A.28 new part related to interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) monitoring.**

*Type: CR For: Approval  
 28.552 v17.0.0 CR-0266 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia Solutions & Networks (I)*

(Replaces S5-205044)

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

**S5-205116 Rel-17 CR 28.552 Add measurements on AF traffic influence**

*Type: CR For: Agreement  
 28.552 v17.0.0 CR-0267 Cat: B (Rel-17)  
  
 Source: Intel Sweden AB*

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

**S5-205310 Input to draft CR 28.552 Add measurements on AF traffic influence**

*Type: other For: Agreement  
 28.552 v17.0.0  
 Source: Intel Sweden AB*

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

**S5-205117 Rel-17 CR 28.552 Add measurements on external parameter provisioning**

*Type: CR For: Agreement  
 28.552 v17.0.0 CR-0268 Cat: B (Rel-17)  
  
 Source: Intel Sweden AB*

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

**S5-205311 Input to draft CR 28.552 Add measurements on external parameter provisioning**

*Type: other For: Agreement  
 28.552 v17.0.0  
 Source: Intel Sweden AB*

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

**S5-205118 Rel-17 CR 28.552 Add measurements on NIDD configuration**

*Type: CR For: Agreement  
 28.552 v17.0.0 CR-0269 Cat: B (Rel-17)  
  
 Source: Intel Sweden AB*

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

**S5-205306 Rel-17 input to draftCR 28.552 Add measurements on NIDD configuration**

*Type: other For: Agreement  
 28.552 v17.0.0  
 Source: Intel Sweden AB*

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

**S5-205119 Rel-17 CR 28.552 Add measurements on NIDD service**

*Type: CR For: Agreement  
 28.552 v17.0.0 CR-0270 Cat: B (Rel-17)  
  
 Source: Intel Sweden AB*

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

**S5-205307 Input to draft CR 28.552 Add measurements on NIDD service**

*Type: other For: Agreement  
 28.552 v17.0.0  
 Source: Intel Sweden AB*

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

**S5-205147 R17 CR TS28.552 Add Intra and Inter-frequency Handover related measurements**

*Type: CR For: Agreement  
 28.552 v17.0.0 CR-0271 Cat: B (Rel-17)  
  
 Source: ZTE Wistron Telecom AB*

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

**S5-205308 Input to draft CR TS28.552 Add Intra and Inter-frequency Handover related measurements**

*Type: other For: Agreement  
 28.552 v17.0.0  
 Source: ZTE Wistron Telecom AB*

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

**S5-205148 R17 CR TS28.552 Add handover triggering measurements**

*Type: CR For: Agreement  
 28.552 v17.0.0 CR-0272 Cat: B (Rel-17)  
  
 Source: ZTE Wistron Telecom AB*

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

**S5-205282 DraftCR for 6.4.6 ePM\_KPI\_5G - TS 28.552**

*Type: draftCR For: Approval  
 28.552 v17.0.0  
 Source: Intel*

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

#### 6.4.7 Management of the enhanced tenant concept

**S5-205249 TD tenant information to support multi-tenancy for network slice management**

*Type: discussion For: Endorsement  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205250 refine tenant information concept**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0031 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205312**.

**S5-205312 refine tenant information concept**

*Type: CR For: Agreement  
 28.530 v16.3.0 CR-0031 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205250)

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

#### 6.4.8 Management data collection control and discovery

**S5-205196 TD Issues in data collection and discovery**

*Type: discussion For: Agreement  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205210 Rel-17 Draft CR 28.622 Add PerfMetricStore**

*Type: draftCR For: Approval  
 28.622 v16.5.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205212 Rel-17 Draft CR 28.622 Add profiles for Trace/MDT control**

*Type: other For: Approval  
 28.622 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

### 6.5 OAM&P Studies

#### 6.5.1 Study on management and orchestration aspects with integrated satellite components in a 5G network

**S5-205149 Revise the multi-RAT load-balancing use case associated with satellite and terrestrial RANs**

*Type: pCR For: Approval  
 28.808 v0.6.0  
 Source: ETRI*

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

**S5-205150 Add a solution for multi-RAT load-balancing associated with satellite and terrestrial RANs**

*Type: pCR For: Approval  
 28.808 v0.6.0  
 Source: ETRI*

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

**S5-205214 pCR 28.808 Add a solution to create and manage a network slice associated with satellite components**

*Type: pCR For: Approval  
 28.808 v0.6.0  
 Source: TNO*

**Decision:** The document was **revised to S5-205315**.

**S5-205315 pCR 28.808 Add a solution to create and manage a network slice associated with satellite components**

*Type: pCR For: Approval  
 28.808 v0.6.0  
 Source: TNO*

(Replaces S5-205214)

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

**S5-205215 pCR 28.808 Add a solution to manage transparent and regenerative satellite components**

*Type: pCR For: Approval  
 28.808 v0.6.0  
 Source: TNO*

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

**S5-205216 pCR 28.808 Add conclusions and recommendations**

*Type: pCR For: Approval  
 28.808 v0.6.0  
 Source: TNO*

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

**S5-205273 Draft TR 28.808**

*Type: draft TR For: Approval  
 28.808 v0.7.0  
 Source: TNO*

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

#### 6.5.2 Study on new aspects of EE for 5G networks

**S5-205109 LS on energySaving state information exposure**

*Type: LS out For: Agreement  
 to SA2  
 Source: China Telecom Corporation Ltd.*

**Abstract:**

Inform the discussion on energySaving state information exposure.

**Decision:** The document was **revised to S5-205318**.

**S5-205318 LS on energySaving state information exposure**

*Type: LS out For: Agreement  
 to SA2  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-205109)

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

**S5-205112 Solutions on EE KPI for 5GC**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: China Telecom Corporation Ltd.*

**Abstract:**

This contribution proposed a solutions on EE KPI for 5GC

**Decision:** The document was **revised to S5-205317**.

**S5-205317 Solutions on EE KPI for 5GC**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-205112)

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

**S5-205144 Discussion paper on energySaving state information exposure**

*Type: discussion For: Endorsement  
 Source: China Telecom Corporation Ltd.*

**Abstract:**

Discussion paper on how does OAM expose the Cell Energy Saving State of cells

**Decision:** The document was **revised to S5-205319**.

**S5-205319 Discussion paper on energySaving state information exposure**

*Type: discussion For: Endorsement  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-205144)

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

**S5-205209 pCR 28.813 Key Issue EE KPI for network slice types - Potential solution #3 enhancement**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Huawei, Orange*

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

**S5-205211 pCR 28.813 Add Key Issue Service-oriented energy saving strategy**

*Type: pCR For: (not specified)  
 28.813 v0.2.0  
 Source: China Mobile Com. Corporation*

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

**S5-205221 pCR TR 28.813 EE KPI in case of RAN sharing – Potential solution No. 2**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Orange, AT&T, Deutsche Telekom, Huawei*

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

**S5-205223 pCR TR 28.813 EE KPI for 5GC – Further analysis of N3 based potential solution**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Orange, AT&T, Deutsche Telekom*

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

**S5-205224 pCR TR 28.813 EE KPI for 5GC – Further analysis of the N6 based potential solution**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Orange, AT&T, Deutsche Telekom, Ericsson*

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

**S5-205226 pCR TR 28.813 Network Function energy consumption estimation – detailed potential solution**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Orange*

**Decision:** The document was **revised to S5-205316**.

**S5-205316 pCR TR 28.813 Network Function energy consumption estimation – detailed potential solution**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Orange*

(Replaces S5-205226)

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

**S5-205227 pCR TR 28.813 New Key Issue: Network Slice Energy Consumption**

*Type: pCR For: Approval  
 28.813 v0.2.0  
 Source: Orange, Deutsche Telekom, Huawei*

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

**S5-205274 draft TR 28.813**

*Type: draft TR For: Approval  
 28.813 v0.3.0  
 Source: ORANGE*

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

#### 6.5.3 Study on management aspects of edge computing

**S5-205035 pCR 28.814 Solution for EAS deployment**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Samsung Research America*

**Abstract:**

Solution for EAS deployment

**Decision:** The document was **revised to S5-205285**.

**S5-205285 pCR 28.814 Solution for EAS deployment**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Samsung Research America*

(Replaces S5-205035)

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

**S5-205036 pCR 28.814 Use Case of Edge Performance Assurance**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Samsung Research America*

**Abstract:**

Use Case of Edge Performance Assurance

**Decision:** The document was **revised to S5-205322**.

**S5-205322 pCR 28.814 Use Case of Edge Performance Assurance**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Samsung Research America*

(Replaces S5-205036)

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

**S5-205037 pCR 28.814 Solution for Edge Performance Assurance**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Samsung Research America*

**Abstract:**

Solution for Edge Performance Assurance

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

**S5-205052 pCR 28.814 support of MEC for EAS LCM management**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Huawei*

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

**S5-205132 pCR 28.814 edge computing deployment scenarios**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Intel Corporation (UK) Ltd*

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

**S5-205133 pCR 28.814 use case of EAS configuration**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Intel Corporation (UK) Ltd*

**Decision:** The document was **revised to S5-205284**.

**S5-205284 pCR 28.814 use case of EAS configuration**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Intel Corporation (UK) Ltd*

(Replaces S5-205133)

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

**S5-205134 pCR 28.814 solution for EAS lifecycle management**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Intel Corporation (UK) Ltd*

**Decision:** The document was **revised to S5-205286**.

**S5-205286 pCR 28.814 solution for EAS lifecycle management**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Intel Corporation (UK) Ltd*

(Replaces S5-205134)

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

**S5-205135 pCR 28.814 add solutions for ECSP and PLMN deployment**

*Type: pCR For: Approval  
 28.814 v0.1.0  
 Source: Intel Corporation (UK) Ltd*

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

**S5-205192 Update the solution of Jitter analysis**

*Type: pCR For: (not specified)  
 28.809 v1.0.0  
 Source: China Mobile Com. Corporation*

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

**S5-205275 Draft TR 28.814**

*Type: draft TR For: Agreement  
 28.814 v0.2.0  
 Source: Intel*

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

**S5-205321 LS to SA6 on the relation between EDGEAPP and ETSI MEC architectures**

*Type: LS out For: Approval  
 to SA6, cc ETSI MEC  
 Source: Huawei*

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

## 7 Charging

### 7.1 Charging Plenary

**S5-205008 CH agenda and time plan**

*Type: agenda For: (not specified)  
 Source: WG vice Chair (Nokia)*

**Decision:** The document was **revised to S5-205478**.

**S5-205478 CH agenda and time plan**

*Type: agenda For: -  
 Source: WG vice Chair (Nokia)*

(Replaces S5-205008)

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

**S5-205009 Charging exec report**

*Type: report For: (not specified)  
 Source: WG vice Chair (Nokia)*

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

**S5-205012 LS ccSA5 on support of stateless NFs**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C3-204386*

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

**S5-205014 Resubmitted LS Out to SA2 and SA5 on making PSCELL ID available at the SGW of EPC**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: ETSI TC LI*

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

**S5-205121 3GPP Forge process for CH SWG**

*Type: discussion For: Discussion  
 Source: Nokia, Nokia Shanghai Bell*

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

### 7.2 New Charging Work Item proposals

**S5-205100 New SID on Charging Aspects for Network Slicing Phase 2**

*Type: SID new For: Approval  
 Source: Matrixx*

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

### 7.3 Charging Maintenance and Rel-16 small Enhancements

**S5-205025 Add Area of service as the NS Performance and analytics charging attribute**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0001 Cat: B (Rel-16)  
  
 Source: China Telecomunication Corp.*

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

**S5-205026 Add Abbreviations NSM and remove Subscriber Identifier in CHF record data**

*Type: CR For: Approval  
 28.202 v16.0.0 CR-0001 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

**Decision:** The document was **revised to S5-205433**.

**S5-205433 Add Abbreviations NSM and remove Subscriber Identifier in CHF record data**

*Type: CR For: Approval  
 28.202 v16.0.0 CR-0001 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

(Replaces S5-205026)

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

**S5-205027 Correction of the Category and Operation Types**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0002 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

**Decision:** The document was **revised to S5-205434**.

**S5-205434 Correction of the Category and Operation Types**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0002 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

(Replaces S5-205027)

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

**S5-205028 Correction of the stye of all table index from hyphen to dot**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0003 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

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

**S5-205029 Change the Category of Invocation Sequence Number and Remove Subscriber Identifier from CHF record data**

*Type: CR For: Approval  
 28.202 v16.0.0 CR-0002 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

**Decision:** The document was **revised to S5-205435**.

**S5-205435 Change the Category of Invocation Sequence Number and Remove Subscriber Identifier from CHF record data**

*Type: CR For: Approval  
 28.202 v16.0.0 CR-0002 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecomunication Corp.*

(Replaces S5-205029)

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

**S5-205031 Rel-16 CR 32.255 Correction of Charing Id in roaming HR scenario upon V-SMF change**

*Type: CR For: Approval  
 32.255 v16.6.1 CR-0248 Cat: F (Rel-16)  
  
 Source: China Mobile Com. Corporation*

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

**S5-205032 Rel-15 CR 32.291 Correction of TriggerType**

*Type: CR For: Approval  
 32.291 v15.7.0 CR-0270 Cat: F (Rel-15)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-205428**.

**S5-205428 Rel-15 CR 32.291 Correction of TriggerType**

*Type: CR For: Approval  
 32.291 v15.7.0 CR-0270 rev 1 Cat: F (Rel-15)  
  
 Source: China Mobile Com. Corporation*

(Replaces S5-205032)

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

**S5-205033 Rel-16 CR 32.291 Correction of TriggerType**

*Type: CR For: Approval  
 32.291 v16.5.1 CR-0271 Cat: A (Rel-16)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-205429**.

**S5-205429 Rel-16 CR 32.291 Correction of TriggerType**

*Type: CR For: Approval  
 32.291 v16.5.1 CR-0271 rev 1 Cat: A (Rel-16)  
  
 Source: China Mobile Com. Corporation*

(Replaces S5-205033)

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

**S5-205034 LS on Network Slice PA Charging per maximum utilized bandwidth**

*Type: LS out For: Approval  
 to SA2  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-205436**.

**S5-205436 LS on Network Slice PA Charging per maximum utilized bandwidth**

*Type: LS out For: Approval  
 to SA2  
 Source: China Mobile Com. Corporation*

(Replaces S5-205034)

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

**S5-205040 Rel-16 CR 28.201 Update description of Charging Enablement Function**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0004 Cat: F (Rel-16)  
  
 Source: China Mobile*

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

**S5-205041 Rel-16 CR 28.201 Correction on Subscriber Identifier in Charging Data Request message**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0005 Cat: F (Rel-16)  
  
 Source: China Mobile*

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

**S5-205042 Rel-16 CR 28.201 Correction on sender of Charging Data Response message**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0006 Cat: F (Rel-16)  
  
 Source: China Mobile*

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

**S5-205043 Rel-16 CR 28.201 Correction on NSPA Container Information in Charging Data Request message**

*Type: CR For: Approval  
 28.201 v16.0.0 CR-0007 Cat: F (Rel-16)  
  
 Source: China Mobile*

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

**S5-205064 Rel-16 CR 32.255 Add multi-homed PDU address in CDR for IPv6 multi-homing**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0249 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205437**.

**S5-205437 Rel-16 CR 32.255 Add multi-homed PDU address in CDR for IPv6 multi-homing**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0249 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205064)

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

**S5-205065 Rel-16 CR 32.291 Add multi-homed PDU address for IPv6 multi-homing**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0272 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205066 Rel-16 CR 32.298 Add multi-homed PDU address for IPv6 multi-homing**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0829 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205438**.

**S5-205438 Rel-16 CR 32.298 Add multi-homed PDU address for IPv6 multi-homing**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0829 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205066)

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

**S5-205067 Rel-16 CR TS 32.290 Add SCP interaction**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0131 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205068 Rel-15 CR TS 32.291 Change map data type for presence area information**

*Type: CR For: Agreement  
 32.291 v15.7.0 CR-0273 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**S5-205069 Rel-16 CR TS 32.291 Change map data type for presence area information**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0274 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205073 Discussion paper on Charging Control based on QNC**

*Type: discussion For: Discussion  
 Source: Huawei*

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

**S5-205074 Rel-16 CR 32.255 Add QNC subscription**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0250 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205439**.

**S5-205439 Rel-16 CR 32.255 Add QNC subscription**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0250 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205074)

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

**S5-205075 Rel-16 CR 32.291 Add QNC subscription**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0275 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205440**.

**S5-205440 Rel-16 CR 32.291 Add QNC subscription**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0275 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205075)

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

**S5-205076 Rel-16 CR 32.255 Support the QoS assurance**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0251 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205077 Rel-16 CR 32.291 Support the QoS assurance**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0276 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205078 Rel-16 CR 32.255 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0252 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205441**.

**S5-205441 Rel-16 CR 32.255 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0252 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205078)

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

**S5-205079 Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0277 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205442**.

**S5-205442 Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0277 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205079)

**Decision:** The document was **revised to S5-205480**.

**S5-205480 Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0277 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205442)

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

**S5-205080 Rel-16 CR 32.298 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0830 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205443**.

**S5-205443 Rel-16 CR 32.298 Add the enhanced Diagnostics for 5G Charging**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0830 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205080)

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

**S5-205081 Rel-16 CR 32.291 Correct the InvocationSequenceNumber**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0278 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205444**.

**S5-205444 Rel-16 CR 32.291 Correct the InvocationSequenceNumber**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0278 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205081)

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

**S5-205082 Rel-16 CR 32.290 Fialue handing for InvocationSequemceNumber**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0132 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205445**.

**S5-205445 Rel-16 CR 32.290 Fialue handing for InvocationSequemceNumber**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0132 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205082)

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

**S5-205086 Discussion paper on Non-blocking Mode**

*Type: discussion For: Discussion  
 Source: Huawei*

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

**S5-205087 Rel-16 CR 32.291 Add the charging control for non-blocking charging**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0279 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205088 Rel-16 CR 32.290 Add the charging control for non-blocking charging**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0133 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205089 Rel-16 CR 32.291 Correct the Bindings for 5G data connectivity**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0280 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-205090 Rel-16 CR 32.298 Correct the NSPA Charging Information**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0831 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205446**.

**S5-205446 Rel-16 CR 32.298 Correct the NSPA Charging Information**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0831 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205090)

**Decision:** The document was **revised to S5-205479**.

**S5-205479 Rel-16 CR 32.298 Correct the NSPA Charging Information**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0831 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205446)

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

**S5-205091 Rel-16 CR 32.291 Correct the Open API**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0281 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205447**.

**S5-205447 Rel-16 CR 32.291 Correct the Open API**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0281 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-205091)

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

**S5-205122 Rel-16 CR 32.274 Correction on Triggers field for converged charging**

*Type: CR For: Agreement  
 32.274 v16.1.0 CR-0077 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205123 Rel-16 CR 32.290 Correction on missing NEF and PGW-C+SMF as NF consumers**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0134 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205124 Rel-16 CR 32.291 Correction on missing NEF and PGW-C+SMF as NF consumers**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0282 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205448**.

**S5-205448 Rel-16 CR 32.291 Correction on missing NEF and PGW-C+SMF as NF consumers**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0282 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205124)

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

**S5-205125 Rel-16 CR 32.298 Correction on missing NEF and PGW-C+SMF as NF consumers**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0832 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205126 Rel-16 CR 32.291 Correction on imported data type references**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0283 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205449**.

**S5-205449 Rel-16 CR 32.291 Correction on imported data type references**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0283 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-205126)

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

**S5-205127 Rel-16 CR 32.298 Correction on User Equipment Info field format**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0833 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-205128 Rel-16 CR 32.298 Correction on User Identifier field format**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0834 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-205460**.

**S5-205460 Rel-16 CR 32.298 Correction on User Identifier field format**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0834 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces S5-205128)

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

**S5-205159 Rel-16 CR 32.290 Correcting trigger of usage reporting**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0135 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205432**.

**S5-205432 Rel-16 CR 32.290 Correcting trigger of usage reporting**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0135 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205159)

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

**S5-205160 Rel-15 CR 32.298 Correction of SMS node address in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0835 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205450**.

**S5-205450 Rel-15 CR 32.298 Correction of SMS node address in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0835 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205160)

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

**S5-205161 Rel-16 CR 32.298 Correction of SMS node address in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0836 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205451**.

**S5-205451 Rel-16 CR 32.298 Correction of SMS node address in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0836 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205161)

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

**S5-205162 Rel-15 CR 32.298 Correction of mandatory SMS message reference in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0837 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205452**.

**S5-205452 Rel-15 CR 32.298 Correction of mandatory SMS message reference in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0837 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205162)

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

**S5-205163 Rel-16 CR 32.298 Correction of mandatory SMS message reference in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0838 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205453**.

**S5-205453 Rel-16 CR 32.298 Correction of mandatory SMS message reference in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0838 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205163)

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

**S5-205164 Rel-16 CR 32.298 Correction of SMS message class in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0839 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**S5-205165 Rel-16 CR 32.274 Correction of roamer in out from SMSF**

*Type: CR For: Agreement  
 32.274 v16.1.0 CR-0078 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**S5-205166 Rel-15 CR 32.298 Correction of SMS originator and recipient info in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0840 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205454**.

**S5-205454 Rel-15 CR 32.298 Correction of SMS originator and recipient info in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0840 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205166)

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

**S5-205167 Rel-16 CR 32.298 Correction of SMS originator and recipient info in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0841 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205455**.

**S5-205455 Rel-16 CR 32.298 Correction of SMS originator and recipient info in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0841 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205167)

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

**S5-205168 Rel-16 CR 32.274 Correction of flows for IEC, ECUR and PEC**

*Type: CR For: Agreement  
 32.274 v16.1.0 CR-0079 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205458**.

**S5-205458 Rel-16 CR 32.274 Correction of flows for IEC, ECUR and PEC**

*Type: CR For: Agreement  
 32.274 v16.1.0 CR-0079 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205168)

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

**S5-205169 Rel-15 CR 32.290 Correcting duplicate detection using charging id**

*Type: CR For: Agreement  
 32.290 v15.6.0 CR-0136 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205472**.

**S5-205472 Rel-15 CR 32.290 Correcting duplicate detection using charging id**

*Type: CR For: Agreement  
 32.290 v15.6.0 CR-0136 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205169)

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

**S5-205170 Rel-16 CR 32.290 Correcting duplicate detection using charging id**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0137 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205473**.

**S5-205473 Rel-16 CR 32.290 Correcting duplicate detection using charging id**

*Type: CR For: Agreement  
 32.290 v16.5.0 CR-0137 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205170)

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

**S5-205171 Rel-15 CR 32.291 Correcting charging id availability for all NF**

*Type: CR For: Agreement  
 32.291 v15.7.0 CR-0284 Cat: F (Rel-15)  
  
 Source: Ericsson*

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

**S5-205172 Rel-16 CR 32.291 Correcting charging id availability for all NF**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0285 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205475**.

**S5-205475 Rel-16 CR 32.291 Correcting charging id availability for all NF**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0285 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205172)

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

**S5-205173 Rel-15 CR 32.298 Correcting charging id availability for all NF in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0842 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205476**.

**S5-205476 Rel-15 CR 32.298 Correcting charging id availability for all NF in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0842 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205173)

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

**S5-205174 Rel-16 CR 32.298 Correcting charging id availability for all NF in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0843 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205477**.

**S5-205477 Rel-16 CR 32.298 Correcting charging id availability for all NF in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0843 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205174)

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

**S5-205175 Rel-15 CR 32.298 Correcting triggers as optional in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0844 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205430**.

**S5-205430 Rel-15 CR 32.298 Correcting triggers as optional in CHF CDR**

*Type: CR For: Agreement  
 32.298 v15.11.0 CR-0844 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205175)

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

**S5-205176 Rel-16 CR 32.298 Correcting triggers as optional in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0845 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205431**.

**S5-205431 Rel-16 CR 32.298 Correcting triggers as optional in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0845 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205176)

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

**S5-205177 Rel-15 CR 32.291 Correcting SMS message types**

*Type: CR For: Agreement  
 32.291 v15.7.0 CR-0286 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205456**.

**S5-205456 Rel-15 CR 32.291 Correcting SMS message types**

*Type: CR For: Agreement  
 32.291 v15.7.0 CR-0286 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces S5-205177)

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

**S5-205178 Rel-16 CR 32.291 Correcting SMS message types**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0287 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205457**.

**S5-205457 Rel-16 CR 32.291 Correcting SMS message types**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0287 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205178)

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

**S5-205179 Rel-16 CR 32.291 Correcting binding of event time stamp in SMS**

*Type: CR For: Agreement  
 32.291 v16.5.1 CR-0288 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**S5-205180 Rel-16 CR 32.255 Correcting UPF addition trigger**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0256 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205459**.

**S5-205459 Rel-16 CR 32.255 Correcting UPF addition trigger**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0256 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces S5-205180)

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

**S5-205181 Rel-16 CR 32.298 Correcting involved party definition in CHF CDR**

*Type: CR For: Agreement  
 32.298 v16.6.1 CR-0846 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**S5-205185 Discussion on reference points**

*Type: discussion For: Discussion  
 Source: Ericsson*

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

**S5-205186 Discussion on API organization**

*Type: discussion For: Discussion  
 Source: Ericsson*

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

**S5-205213 Rel-16 CR 32.290 Correction on quota managed scenario**

*Type: CR For: Approval  
 32.290 v16.5.0 CR-0138 Cat: F (Rel-16)  
  
 Source: Matrixx*

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

**S5-205422 Rel-16 CR 32.291 Correction of roamer in out from SMSF**

*Type: CR For: Agreement  
 32.291 v.. CR-0289 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

**S5-205423 Rel-16 CR 32.298 Correction of roamer in out from SMSF**

*Type: CR For: discussion  
 32.298 v.. CR-0847 Cat: F (Rel-16)  
  
 Source: Ericsson*

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

### 7.4 Rel-17 Charging

#### 7.4.1 IMS Charging in 5G System Architecture

**S5-205182 Rel-17 CR 32.260 Update of IMS nodes supporting Nchf**

*Type: CR For: Agreement  
 32.260 v16.2.0 CR-0404 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205424**.

**S5-205424 Rel-17 CR 32.260 Update of IMS nodes supporting Nchf**

*Type: CR For: Agreement  
 32.260 v16.2.0 CR-0404 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces S5-205182)

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

**S5-205183 Rel-17 CR 32.260 Adding data description for IMS converged charging**

*Type: CR For: Agreement  
 32.260 v16.2.0 CR-0405 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-205425**.

**S5-205425 Rel-17 CR 32.260 Adding data description for IMS converged charging**

*Type: CR For: Agreement  
 32.260 v16.2.0 CR-0405 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces S5-205183)

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

**S5-205184 Rel-17 CR 32.260 Definition of the IMS converged charging information**

*Type: CR For: Agreement  
 32.260 v16.2.0 CR-0406 Cat: B (Rel-17)  
  
 Source: Ericsson*

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

#### 7.4.2 Charging enhancement for URLLC

**S5-205083 Rel-16 CR 32.255 Add URLLC Charging Architecture**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0253 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-205084 Rel-16 CR 32.255 Add URLLC Charging Requirement**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0254 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205426**.

**S5-205426 Rel-17 CR 32.255 Add URLLC Charging Requirement**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0254 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-205084)

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

**S5-205085 Rel-17 CR 32.255 Add Highly reliable URLLC services Charging**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0255 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-205427**.

**S5-205427 Rel-17 CR 32.255 Add Highly reliable URLLC services Charging**

*Type: CR For: Agreement  
 32.255 v16.6.1 CR-0255 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-205085)

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

#### 7.4.3 N40 Interface Enhancements to Support GERAN and UTRAN

### 7.5 Charging studies

#### 7.5.1 Study on charging aspects of Edge Computing

**S5-205113 pCR 28.815 Add overview for EC charging**

*Type: pCR For: Approval  
 28.815 v0.1.0  
 Source: Intel Sweden AB*

**Decision:** The document was **revised to S5-205461**.

**S5-205461 pCR 28.815 Add overview for EC charging**

*Type: pCR For: Approval  
 28.815 v0.1.0  
 Source: Intel Sweden AB*

(Replaces S5-205113)

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

**S5-205114 pCR 28.815 Add architecture considerations on charging aspects of edge computing**

*Type: pCR For: Approval  
 28.815 v0.1.0  
 Source: Intel Sweden AB*

**Decision:** The document was **revised to S5-205462**.

**S5-205462 pCR 28.815 Add architecture considerations on charging aspects of edge computing**

*Type: pCR For: Approval  
 28.815 v0.1.0  
 Source: Intel Sweden AB*

(Replaces S5-205114)

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

**S5-205115 pCR 28.815 Add charging scenarios and key issues on 5GS charging for edge computing**

*Type: pCR For: Approval  
 28.815 v0.1.0  
 Source: Intel Sweden AB*

**Decision:** The document was **revised to S5-205463**.

**S5-205463 pCR 28.815 Add charging scenarios and key issues on 5GS charging for edge computing**

*Type: pCR For: Approval  
 28.815 v0.1.0  
 Source: Intel Sweden AB*

(Replaces S5-205115)

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

**S5-205464 Draft TR 28.815**

*Type: draft TR For: Approval  
 28.815 v0.2.0  
 Source: Intel*

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

#### 7.5.2 Study on charging aspects of 5GS CIoT

**S5-205030 Add initial skeleton**

*Type: draft TR For: Approval  
 28.816 v0.0.0  
 Source: Huawei Tech.(UK) Co., Ltd*

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

**S5-205070 pCR 28.816 Add scope**

*Type: pCR For: Agreement  
 28.816 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-205465**.

**S5-205465 pCR 28.816 Add scope**

*Type: pCR For: Agreement  
 28.816 v0.0.0  
 Source: Huawei*

(Replaces S5-205070)

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

**S5-205071 pCR 28.816 Add introduction**

*Type: pCR For: Agreement  
 28.816 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-205466**.

**S5-205466 pCR 28.816 Add introduction**

*Type: pCR For: Agreement  
 28.816 v0.0.0  
 Source: Huawei*

(Replaces S5-205071)

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

**S5-205072 pCR 28.816 Add data connectivity scenario**

*Type: pCR For: Agreement  
 28.816 v0.0.0  
 Source: Huawei*

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

**S5-205229 pCR 28.816 Add proposal for skeleton for TR 28.816**

*Type: pCR For: (not specified)  
 28.816 v0.0.0  
 Source: Huawei*

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

**S5-205467 Draft TR 28.816**

*Type: draft TR For: Approval  
 28.816 v0.1.0  
 Source: Huawei*

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

#### 7.5.3 Study on charging aspects of Proximity-based Services in 5GC

**S5-205120 draft TS 32846-000**

*Type: draft TR For: (not specified)  
 32.846 v0.0.0  
 Source: CATT*

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

**S5-205219 Revised SID on charging aspects of Proximity-based Services in 5GC**

*Type: SID revised For: Approval  
 Source: CATT*

**Decision:** The document was **revised to S5-205468**.

**S5-205468 Revised SID on charging aspects of Proximity-based Services in 5GC**

*Type: SID revised For: Approval  
 Source: CATT*

(Replaces S5-205219)

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

**S5-205220 pCR Add skeleton to draft TR 32.846**

*Type: pCR For: Approval  
 32.846 v0.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-205469**.

**S5-205469 pCR Add skeleton to draft TR 32.846**

*Type: pCR For: Approval  
 32.846 v0.0.0  
 Source: CATT*

(Replaces S5-205220)

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

**S5-205222 pCR 32.846 Add scope and reference**

*Type: pCR For: Approval  
 32.846 v0.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-205470**.

**S5-205470 pCR 32.846 Add scope and reference**

*Type: pCR For: Approval  
 32.846 v0.0.0  
 Source: CATT*

(Replaces S5-205222)

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

**S5-205471 Draft TR 32.846**

*Type: draft TR For: Approval  
 32.846 v0.1.0  
 Source: CATT*

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

## 8 Any Other Business

## 9 Closing of the meeting

## Annex A: Contribution documents and status

### A1: List of TDocs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| S5-205000 | Agenda | WG Chair | approved |  |  |
| S5-205001 | Report from last SA5 meeting | MCC | approved |  |  |
| S5-205002 | SA5#133e e-meeting process | WG Chair | noted |  |  |
| S5-205003 | Post SA5#133e Email approval status | WG Chair | available |  |  |
| S5-205004 | OAM&P SWG action list | WG Chair | noted |  |  |
| S5-205005 | SA5#133e\_agenda\_with\_Tdocs\_sequence\_proposal\_OAM | WG Vice Chair | noted |  |  |
| S5-205006 | SA5#132e OAM Exec Report | WG Vice Chair | reserved |  |  |
| S5-205007 | SA5#133e OAM Chair notes and conclusions | WG Chair | revised |  | S5-205406 |
| S5-205008 | CH agenda and time plan | WG vice Chair (Nokia) | revised |  | S5-205478 |
| S5-205009 | Charging exec report | WG vice Chair (Nokia) | noted |  |  |
| S5-205010 | SA5 meeting calendar | WG Chair | noted |  |  |
| S5-205011 | SA5 working procedures | WG Chair | noted |  |  |
| S5-205012 | LS ccSA5 on support of stateless NFs | C3-204386 | noted |  |  |
| S5-205013 | LS to SA5 on TM Forum implementation experiences 3GPP NRM Models | TM Forum | replied to |  |  |
| S5-205014 | Resubmitted LS Out to SA2 and SA5 on making PSCELL ID available at the SGW of EPC | ETSI TC LI | noted |  |  |
| S5-205015 | LS to SA5 for End-to-End Network Slicing Gap analysis | GSMA NEST | noted |  |  |
| S5-205016 | Reply LS to SA5 on the clarification of handover and reselection parameters | R3-205542 | noted |  |  |
| S5-205017 | Reply LS to SA5 on energy efficiency | R3-205657 | replied to |  |  |
| S5-205018 | LS ccSA5 on New service type of NR QoE | R3-205724 | noted |  |  |
| S5-205019 | LS to SA5 on URI for streaming trace reporting in LTE | R3-205798 | replied to |  |  |
| S5-205020 | Reply LS to SA5 on QoS requirements for OAM traffic on IAB | S2-2006489 | noted |  |  |
| S5-205021 | Resubmitted Reply LS to SA5 on QoE Measurement Collection | R2-2005778 | replied to |  |  |
| S5-205022 | Resubmitted LS to SA5 on QoE Measurement Collection | S4-200962 | replied to |  |  |
| S5-205023 | Resubmitted LS to SA5 on O-RAN – 3GPP Cooperation on Management Services | O-RAN | postponed |  |  |
| S5-205024 | LS to SA5 on Rel-17 schedule | 3GPP TSG SA | noted |  |  |
| S5-205025 | Add Area of service as the NS Performance and analytics charging attribute | China Telecomunication Corp. | not pursued |  |  |
| S5-205026 | Add Abbreviations NSM and remove Subscriber Identifier in CHF record data | China Telecomunication Corp. | revised |  | S5-205433 |
| S5-205027 | Correction of the Category and Operation Types | China Telecomunication Corp. | revised |  | S5-205434 |
| S5-205028 | Correction of the stye of all table index from hyphen to dot | China Telecomunication Corp. | not pursued |  |  |
| S5-205029 | Change the Category of Invocation Sequence Number and Remove Subscriber Identifier from CHF record data | China Telecomunication Corp. | revised |  | S5-205435 |
| S5-205030 | Add initial skeleton | Huawei Tech.(UK) Co., Ltd | approved |  |  |
| S5-205031 | Rel-16 CR 32.255 Correction of Charing Id in roaming HR scenario upon V-SMF change | China Mobile Com. Corporation | agreed |  |  |
| S5-205032 | Rel-15 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | revised |  | S5-205428 |
| S5-205033 | Rel-16 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | revised |  | S5-205429 |
| S5-205034 | LS on Network Slice PA Charging per maximum utilized bandwidth | China Mobile Com. Corporation | revised |  | S5-205436 |
| S5-205035 | pCR 28.814 Solution for EAS deployment | Samsung Research America | revised |  | S5-205285 |
| S5-205036 | pCR 28.814 Use Case of Edge Performance Assurance | Samsung Research America | revised |  | S5-205322 |
| S5-205037 | pCR 28.814 Solution for Edge Performance Assurance | Samsung Research America | noted |  |  |
| S5-205038 | CR Rel-17 28.541 GST Configuration | Samsung Research America | not pursued |  | - |
| S5-205039 | CR Rel-17 28.541 ServiceProfle to SliceProfile Translation | Samsung, China Mobile, Telefonica, Huawei | not pursued |  | - |
| S5-205040 | Rel-16 CR 28.201 Update description of Charging Enablement Function | China Mobile | agreed |  |  |
| S5-205041 | Rel-16 CR 28.201 Correction on Subscriber Identifier in Charging Data Request message | China Mobile | withdrawn |  |  |
| S5-205042 | Rel-16 CR 28.201 Correction on sender of Charging Data Response message | China Mobile | agreed |  |  |
| S5-205043 | Rel-16 CR 28.201 Correction on NSPA Container Information in Charging Data Request message | China Mobile | agreed |  |  |
| S5-205044 | Add to A.28 new part related to interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) monitoring. | Nokia Solutions & Networks (I) | revised |  | S5-205309 |
| S5-205045 | LS to SA5 on Introduction of TM Forum Autonomous Network project and Coordination Proposal | TM Forum | noted |  |  |
| S5-205046 | Add new MDT requirements for E-UTRAN | Ericsson LM | not pursued |  | - |
| S5-205047 | Rel-15 CR 28.554 Correct UDM e2e KPI | Huawei | revised |  | S5-205360 |
| S5-205048 | Rel-16 CR 28.554 Correct UDM e2e KPI | Huawei | revised |  | S5-205361 |
| S5-205049 | Rel-17 CR 28.554 Correct UDM e2e KPI | Huawei | revised |  | S5-205362 |
| S5-205050 | Rel-17 CR 28.541 Add attributes of NRM IOC for NRF | Huawei | not pursued |  |  |
| S5-205051 | Rel-17 CR 28.541 Add stage 3 NRM IOC for NRF | Huawei | not pursued |  |  |
| S5-205052 | pCR 28.814 support of MEC for EAS LCM management | Huawei | noted |  |  |
| S5-205053 | Rel-16 CR 28.536 Update references to other specifications | Huawei | revised |  | S5-205399 |
| S5-205054 | Rel-16 CR TS 28.536 Clarify predicted value of the AssuranceGoalStatus | Huawei | revised |  | S5-205404 |
| S5-205055 | Rel-16 CR TS 28.554 Fix the formula for upstream throughout | Huawei | not pursued |  |  |
| S5-205056 | Rel-17 CR TS 28.554 Fix the formula for upstream throughout | Huawei | not pursued |  |  |
| S5-205057 | Rel-16 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | revised |  | S5-205365 |
| S5-205058 | Rel-17 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | revised |  | S5-205366 |
| S5-205059 | Correct streaming trace record concept figure | Ericsson LM | agreed |  |  |
| S5-205060 | YANG corrections by Code Moderator | Ericsson Hungary Ltd | revised |  | S5-205395 |
| S5-205061 | Correction of NRM YANG errors | Ericsson Hungary Ltd | agreed |  |  |
| S5-205062 | Collection of useful endorsed document and external communication documents | Huawei Technologies (Korea) | noted |  |  |
| S5-205063 | Correction of NRM YANG errors | Ericsson Hungary Ltd | agreed |  |  |
| S5-205064 | Rel-16 CR 32.255 Add multi-homed PDU address in CDR for IPv6 multi-homing | Huawei | revised |  | S5-205437 |
| S5-205065 | Rel-16 CR 32.291 Add multi-homed PDU address for IPv6 multi-homing | Huawei | agreed |  |  |
| S5-205066 | Rel-16 CR 32.298 Add multi-homed PDU address for IPv6 multi-homing | Huawei | revised |  | S5-205438 |
| S5-205067 | Rel-16 CR TS 32.290 Add SCP interaction | Huawei | not pursued |  |  |
| S5-205068 | Rel-15 CR TS 32.291 Change map data type for presence area information | Huawei | not pursued |  |  |
| S5-205069 | Rel-16 CR TS 32.291 Change map data type for presence area information | Huawei | not pursued |  |  |
| S5-205070 | pCR 28.816 Add scope | Huawei | revised |  | S5-205465 |
| S5-205071 | pCR 28.816 Add introduction | Huawei | revised |  | S5-205466 |
| S5-205072 | pCR 28.816 Add data connectivity scenario | Huawei | withdrawn |  |  |
| S5-205073 | Discussion paper on Charging Control based on QNC | Huawei | noted |  |  |
| S5-205074 | Rel-16 CR 32.255 Add QNC subscription | Huawei | revised |  | S5-205439 |
| S5-205075 | Rel-16 CR 32.291 Add QNC subscription | Huawei | revised |  | S5-205440 |
| S5-205076 | Rel-16 CR 32.255 Support the QoS assurance | Huawei | not pursued |  |  |
| S5-205077 | Rel-16 CR 32.291 Support the QoS assurance | Huawei | not pursued |  |  |
| S5-205078 | Rel-16 CR 32.255 Add the enhanced Diagnostics for 5G Charging | Huawei | revised |  | S5-205441 |
| S5-205079 | Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging | Huawei | revised |  | S5-205442 |
| S5-205080 | Rel-16 CR 32.298 Add the enhanced Diagnostics for 5G Charging | Huawei | revised |  | S5-205443 |
| S5-205081 | Rel-16 CR 32.291 Correct the InvocationSequenceNumber | Huawei | revised |  | S5-205444 |
| S5-205082 | Rel-16 CR 32.290 Fialue handing for InvocationSequemceNumber | Huawei | revised |  | S5-205445 |
| S5-205083 | Rel-16 CR 32.255 Add URLLC Charging Architecture | Huawei | not pursued |  |  |
| S5-205084 | Rel-16 CR 32.255 Add URLLC Charging Requirement | Huawei | revised |  | S5-205426 |
| S5-205085 | Rel-17 CR 32.255 Add Highly reliable URLLC services Charging | Huawei | revised |  | S5-205427 |
| S5-205086 | Discussion paper on Non-blocking Mode | Huawei | noted |  |  |
| S5-205087 | Rel-16 CR 32.291 Add the charging control for non-blocking charging | Huawei | not pursued |  |  |
| S5-205088 | Rel-16 CR 32.290 Add the charging control for non-blocking charging | Huawei | not pursued |  |  |
| S5-205089 | Rel-16 CR 32.291 Correct the Bindings for 5G data connectivity | Huawei | agreed |  |  |
| S5-205090 | Rel-16 CR 32.298 Correct the NSPA Charging Information | Huawei | revised |  | S5-205446 |
| S5-205091 | Rel-16 CR 32.291 Correct the Open API | Huawei | revised |  | S5-205447 |
| S5-205092 | Reply LS on URI for streaming trace reporting in LTE | Ericsson LM | revised |  | S5-205356 |
| S5-205093 | Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | revised |  | S5-205298 |
| S5-205094 | R16 CR TS 28.541 add subclause reference of MRO related attribute | Huawei | revised |  | S5-205373 |
| S5-205095 | R16 CR TS 28.313 add subclause reference for ranges of handover parameters | Huawei | revised |  | S5-205379 |
| S5-205096 | R16 CR TS 28.313 corrections on notification information of PCI configuration | Huawei | revised |  | S5-205380 |
| S5-205097 | Rel-17 Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | revised |  | S5-205299 |
| S5-205098 | Add new MDT specific parameter collection period for NR aligning with 32.422 | Ericsson LM | revised |  | S5-205300 |
| S5-205099 | Add new MDT specific parameter collection period for NR aligning with 28.622 for stage 3 | Ericsson LM | revised |  | S5-205301 |
| S5-205100 | New SID on Charging Aspects for Network Slicing Phase 2 | Matrixx | noted |  |  |
| S5-205101 | Rel-16 CR TS 28.532 Correction on generic file data report MnS | Huawei | revised |  | S5-205385 |
| S5-205102 | Rel-16 CR TS 28.532 Update generic streaming MnS | Huawei | revised |  | S5-205386 |
| S5-205103 | Rel-15 CR TS 28.658 Add missing inheritance diagram for EUtranFrequency and EUtranFreqRelation | Huawei | agreed |  |  |
| S5-205104 | Rel-16 CR TS 28.658 Add missing inheritance diagram for EUtranFrequency and EUtranFreqRelation | Huawei | agreed |  |  |
| S5-205105 | Rel-16 CR TS 28.541 Correct the definition for configurable5QI and dynamic5QI | Huawei | agreed |  |  |
| S5-205106 | Rel-17 CR TS 28.541 Correct the definition for configurable5QI and dynamic5QI | Huawei | agreed |  |  |
| S5-205107 | Discuss on NR NRM update to support MOCN network sharing scenario | Huawei, China Telecom, CATT, China Unicom | revised | S5-204151 | S5-205304 |
| S5-205108 | Rel-17 CR TS 28.541 Update NR NRM to support MOCN network sharing scenario | Huawei,China Telecom,CATT,China Unicom | not pursued | S5-204153 |  |
| S5-205109 | LS on energySaving state information exposure | China Telecom Corporation Ltd. | revised |  | S5-205318 |
| S5-205110 | Rel-16 CR 32.422 Fix inconsistencies in NR positioning method | Nokia | agreed |  |  |
| S5-205111 | Rel-17 CR 32.422 Fix inconsistencies in NR positioning method | Nokia | agreed |  |  |
| S5-205112 | Solutions on EE KPI for 5GC | China Telecom Corporation Ltd. | revised |  | S5-205317 |
| S5-205113 | pCR 28.815 Add overview for EC charging | Intel Sweden AB | revised |  | S5-205461 |
| S5-205114 | pCR 28.815 Add architecture considerations on charging aspects of edge computing | Intel Sweden AB | revised |  | S5-205462 |
| S5-205115 | pCR 28.815 Add charging scenarios and key issues on 5GS charging for edge computing | Intel Sweden AB | revised |  | S5-205463 |
| S5-205116 | Rel-17 CR 28.552 Add measurements on AF traffic influence | Intel Sweden AB | not pursued |  | - |
| S5-205117 | Rel-17 CR 28.552 Add measurements on external parameter provisioning | Intel Sweden AB | not pursued |  | - |
| S5-205118 | Rel-17 CR 28.552 Add measurements on NIDD configuration | Intel Sweden AB | not pursued |  | - |
| S5-205119 | Rel-17 CR 28.552 Add measurements on NIDD service | Intel Sweden AB | not pursued |  | - |
| S5-205120 | draft TS 32846-000 | CATT | withdrawn |  |  |
| S5-205121 | 3GPP Forge process for CH SWG | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-205122 | Rel-16 CR 32.274 Correction on Triggers field for converged charging | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205123 | Rel-16 CR 32.290 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205124 | Rel-16 CR 32.291 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | revised |  | S5-205448 |
| S5-205125 | Rel-16 CR 32.298 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205126 | Rel-16 CR 32.291 Correction on imported data type references | Nokia, Nokia Shanghai Bell | revised |  | S5-205449 |
| S5-205127 | Rel-16 CR 32.298 Correction on User Equipment Info field format | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205128 | Rel-16 CR 32.298 Correction on User Identifier field format | Nokia, Nokia Shanghai Bell | revised |  | S5-205460 |
| S5-205129 | Rel-16 CR 28.313 address the issues discovered by Edithelp | Intel Sweden AB | withdrawn |  |  |
| S5-205130 | Rel-16 CR 28.313 address the issues discovered by Edithelp | Intel Corporation (UK) Ltd | revised |  | S5-205378 |
| S5-205131 | Rel.16 CR 28.313 Fix the wrong references | Intel Corporation (UK) Ltd | agreed |  |  |
| S5-205132 | pCR 28.814 edge computing deployment scenarios | Intel Corporation (UK) Ltd | noted |  |  |
| S5-205133 | pCR 28.814 use case of EAS configuration | Intel Corporation (UK) Ltd | revised |  | S5-205284 |
| S5-205134 | pCR 28.814 solution for EAS lifecycle management | Intel Corporation (UK) Ltd | revised |  | S5-205286 |
| S5-205135 | pCR 28.814 add solutions for ECSP and PLMN deployment | Intel Corporation (UK) Ltd | noted |  |  |
| S5-205136 | Rel-16 CR 28.313 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | agreed |  |  |
| S5-205137 | Rel-16 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | revised |  | S5-205374 |
| S5-205138 | Rel-17 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | revised |  | S5-205375 |
| S5-205139 | Rel-16 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | revised |  | S5-205376 |
| S5-205140 | Rel-17 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | revised |  | S5-205377 |
| S5-205141 | Rel-16 CR 28.313 Correct Distributed PCI optimization | Ericsson France S.A.S | not pursued |  |  |
| S5-205142 | Rel-16 CR 28.541 Move Distributed PCI control IOC from DU to CU | Ericsson France S.A.S | not pursued |  |  |
| S5-205143 | Rel-17 CR 28.541 Move Distributed PCI control IOC from DU to CU | Ericsson France S.A.S | not pursued |  |  |
| S5-205144 | Discussion paper on energySaving state information exposure | China Telecom Corporation Ltd. | revised |  | S5-205319 |
| S5-205145 | Discussion on enhancement of NRM to support network sharing | ZTE Wistron Telecom AB | noted |  |  |
| S5-205146 | Rel-17 CR TS 28.541 Add NRPhysicalCellDU NRM to support network sharing | ZTE Wistron Telecom AB | not pursued |  |  |
| S5-205147 | R17 CR TS28.552 Add Intra and Inter-frequency Handover related measurements | ZTE Wistron Telecom AB | not pursued |  | - |
| S5-205148 | R17 CR TS28.552 Add handover triggering measurements | ZTE Wistron Telecom AB | not pursued |  |  |
| S5-205149 | Revise the multi-RAT load-balancing use case associated with satellite and terrestrial RANs | ETRI | approved |  |  |
| S5-205150 | Add a solution for multi-RAT load-balancing associated with satellite and terrestrial RANs | ETRI | approved |  |  |
| S5-205151 | Rel-17 CR 28.554 Editorial Correction of TS 28.554 | Huawei | revised |  | S5-205363 |
| S5-205152 | Rel-16 CR 28.554 Editorial Correction of TS 28.554 | Huawei | revised |  | S5-205364 |
| S5-205153 | Rel-17 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | revised |  | S5-205367 |
| S5-205154 | Rel-16 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | revised |  | S5-205368 |
| S5-205155 | Cleanup based on refined slice definition | Ericsson LM | revised |  | S5-205390 |
| S5-205156 | Rel-16 CR 28.532 Correct CR implementation errors (Fault MnS) | Nokia, Nokia Shanghai Bell | revised |  | S5-205381 |
| S5-205157 | Rel-16 CR 28.532 Extend object creation method with id selection by the MnS producer (stage 2) | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-205158 | Rel-16 CR 28.532 Correct ThresholdLevelInd (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | revised |  | S5-205388 |
| S5-205159 | Rel-16 CR 32.290 Correcting trigger of usage reporting | Ericsson | revised |  | S5-205432 |
| S5-205160 | Rel-15 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | revised |  | S5-205450 |
| S5-205161 | Rel-16 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | revised |  | S5-205451 |
| S5-205162 | Rel-15 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | revised |  | S5-205452 |
| S5-205163 | Rel-16 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | revised |  | S5-205453 |
| S5-205164 | Rel-16 CR 32.298 Correction of SMS message class in CHF CDR | Ericsson | agreed |  |  |
| S5-205165 | Rel-16 CR 32.274 Correction of roamer in out from SMSF | Ericsson | not pursued |  |  |
| S5-205166 | Rel-15 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | revised |  | S5-205454 |
| S5-205167 | Rel-16 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | revised |  | S5-205455 |
| S5-205168 | Rel-16 CR 32.274 Correction of flows for IEC, ECUR and PEC | Ericsson | revised |  | S5-205458 |
| S5-205169 | Rel-15 CR 32.290 Correcting duplicate detection using charging id | Ericsson | revised |  | S5-205472 |
| S5-205170 | Rel-16 CR 32.290 Correcting duplicate detection using charging id | Ericsson | revised |  | S5-205473 |
| S5-205171 | Rel-15 CR 32.291 Correcting charging id availability for all NF | Ericsson | agreed |  |  |
| S5-205172 | Rel-16 CR 32.291 Correcting charging id availability for all NF | Ericsson | revised |  | S5-205475 |
| S5-205173 | Rel-15 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | revised |  | S5-205476 |
| S5-205174 | Rel-16 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | revised |  | S5-205477 |
| S5-205175 | Rel-15 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | revised |  | S5-205430 |
| S5-205176 | Rel-16 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | revised |  | S5-205431 |
| S5-205177 | Rel-15 CR 32.291 Correcting SMS message types | Ericsson | revised |  | S5-205456 |
| S5-205178 | Rel-16 CR 32.291 Correcting SMS message types | Ericsson | revised |  | S5-205457 |
| S5-205179 | Rel-16 CR 32.291 Correcting binding of event time stamp in SMS | Ericsson | agreed |  |  |
| S5-205180 | Rel-16 CR 32.255 Correcting UPF addition trigger | Ericsson | revised |  | S5-205459 |
| S5-205181 | Rel-16 CR 32.298 Correcting involved party definition in CHF CDR | Ericsson | merged |  | S5-205460 |
| S5-205182 | Rel-17 CR 32.260 Update of IMS nodes supporting Nchf | Ericsson | revised |  | S5-205424 |
| S5-205183 | Rel-17 CR 32.260 Adding data description for IMS converged charging | Ericsson | revised |  | S5-205425 |
| S5-205184 | Rel-17 CR 32.260 Definition of the IMS converged charging information | Ericsson | not pursued |  |  |
| S5-205185 | Discussion on reference points | Ericsson | noted |  |  |
| S5-205186 | Discussion on API organization | Ericsson | noted |  |  |
| S5-205187 | Rel-16 CR 28.532 Correct notifyThresholdCrossing (stage 2) | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205188 | Rel-16 CR 28.532 Correct notifyThresholdCrossing (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | revised |  | S5-205387 |
| S5-205189 | Rel-16 CR 28.532 Correct notifyHeartbeat (stage 2, REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | revised |  | S5-205382 |
| S5-205190 | Rel-16 CR 28.622 Remove thresholdLevel attribute from ThresholdMonitor (stage 2) | Nokia, Nokia Shanghai Bell | revised |  | S5-205389 |
| S5-205191 | Rel-16 CR 28.623 Remove thresholdLevel attribute from ThresholdMonitor (OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205192 | Update the solution of Jitter analysis | China Mobile Com. Corporation | withdrawn |  |  |
| S5-205193 | Rel-16 CR 28.532 Correct small errors in faultMnS.yaml (OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205194 | Reply LS on Counter of UEs Registering Network Slice | China Mobile Com. Corporation | noted |  |  |
| S5-205195 | Rel-16 CR 28.623 Correct and add types in comDefs.yaml (OpenAPI definition) | Nokia, Nokia Shanghai Bell | revised |  | S5-205393 |
| S5-205196 | TD Issues in data collection and discovery | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-205197 | Add requirements of SLA management | China Mobile Com. Corporation | not pursued |  | - |
| S5-205198 | TD Creation of a new TS with example MnFs and procedures | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-205199 | Rel-16 OAM Stage2 and Stage3 Mapping Status | SA5 Vice Chair(Huawei), SA5 Chair | revised |  | S5-205358 |
| S5-205200 | Rel-16 CR 28.530 Add missing definition of SLA and update definition of SLS | Huawei | not pursued |  |  |
| S5-205201 | pCR 28.557 Add use case of NPN provisioning by network slice of PLMN | Huawei, Telefónica S.A. | revised |  | S5-205400 |
| S5-205202 | pCR 28.557 Add generic requirements for management of NPN | Huawei | revised |  | S5-205401 |
| S5-205203 | pCR 28.557 Add generic management aspects | Huawei, Telefónica S.A. | revised |  | S5-205402 |
| S5-205204 | NRM modelling of SliceProfile | Huawei | noted |  |  |
| S5-205205 | Rel-17 CR 28.541 NRM modelling of SliceProfile for RAN domain | Huawei | not pursued |  |  |
| S5-205206 | Living document of review of GSMA GST SA5#133e | Huawei, China Mobile | revised |  | S5-205297 |
| S5-205207 | Rel-17 CR 28.541 Add positioning support in ServiceProfile | Huawei, China Mobile | not pursued |  | - |
| S5-205208 | Rel-17 CR 28.541 Add synchronicity support in ServiceProfile | Huawei, China Mobile | not pursued |  | - |
| S5-205209 | pCR 28.813 Key Issue EE KPI for network slice types - Potential solution #3 enhancement | Huawei, Orange | approved |  |  |
| S5-205210 | Rel-17 Draft CR 28.622 Add PerfMetricStore | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-205211 | pCR 28.813 Add Key Issue Service-oriented energy saving strategy | China Mobile Com. Corporation | noted |  |  |
| S5-205212 | Rel-17 Draft CR 28.622 Add profiles for Trace/MDT control | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-205213 | Rel-16 CR 32.290 Correction on quota managed scenario | Matrixx | agreed |  |  |
| S5-205214 | pCR 28.808 Add a solution to create and manage a network slice associated with satellite components | TNO | revised |  | S5-205315 |
| S5-205215 | pCR 28.808 Add a solution to manage transparent and regenerative satellite components | TNO | approved |  |  |
| S5-205216 | pCR 28.808 Add conclusions and recommendations | TNO | approved |  |  |
| S5-205217 | Adding Signalling Based Activation | Ericsson LM | not pursued |  | - |
| S5-205218 | Correction of NRM YANG errors | Ericsson Hungary Ltd | agreed |  |  |
| S5-205219 | Revised SID on charging aspects of Proximity-based Services in 5GC | CATT | revised |  | S5-205468 |
| S5-205220 | pCR Add skeleton to draft TR 32.846 | CATT | revised |  | S5-205469 |
| S5-205221 | pCR TR 28.813 EE KPI in case of RAN sharing – Potential solution No. 2 | Orange, AT&T, Deutsche Telekom, Huawei | approved |  |  |
| S5-205222 | pCR 32.846 Add scope and reference | CATT | revised |  | S5-205470 |
| S5-205223 | pCR TR 28.813 EE KPI for 5GC – Further analysis of N3 based potential solution | Orange, AT&T, Deutsche Telekom | approved |  |  |
| S5-205224 | pCR TR 28.813 EE KPI for 5GC – Further analysis of the N6 based potential solution | Orange, AT&T, Deutsche Telekom, Ericsson | approved |  |  |
| S5-205225 | Rel-16 CR TS 28.541 Correct Network slice NRM | CATT | revised |  | S5-205369 |
| S5-205226 | pCR TR 28.813 Network Function energy consumption estimation – detailed potential solution | Orange | revised |  | S5-205316 |
| S5-205227 | pCR TR 28.813 New Key Issue: Network Slice Energy Consumption | Orange, Deutsche Telekom, Huawei | approved |  |  |
| S5-205228 | Rel-17 CR TS 28.541 Correct Network slice NRM | CATT | revised |  | S5-205370 |
| S5-205229 | pCR 28.816 Add proposal for skeleton for TR 28.816 | Huawei | approved |  |  |
| S5-205230 | Specification investigation | Ericsson | revised |  | S5-205359 |
| S5-205231 | Import prefix rule for YANG | Ericsson Hungary Ltd | revised |  | S5-205396 |
| S5-205232 | LS Reply to RAN3 on Energy Efficiency | Orange | revised |  | S5-205357 |
| S5-205233 | pCR 28.557 Add use case on SNPN provisioning | TELEFONICA S.A. | revised |  | S5-205403 |
| S5-205234 | Discussion on updating slice profile according to different network slice subnets | China Mobile Com. Corporation | endorsed |  |  |
| S5-205235 | Clarification on emission of threshold crossing notifications for non-cumulative counters | Ericsson LM | agreed |  |  |
| S5-205236 | Update sliceProfile considering different domains | China Mobile Com. Corporation | not pursued |  |  |
| S5-205237 | Proposal for NR NRM update to support MOCN network sharing | Ericsson LM | noted |  |  |
| S5-205238 | Move and update content of clause 4.1.1 Overview to Annex | Ericsson LM, Deutsche Telekom, NEC | revised |  | S5-205397 |
| S5-205239 | Update NR NRM to support MOCN network sharing scenario | Ericsson LM | not pursued |  |  |
| S5-205240 | Update and make closed control loop term consistent | Ericsson LM, Deutsche Telekom, NEC | agreed |  |  |
| S5-205241 | Update and make closed control loop term consistent | Ericsson LM, Deutsche Telekom, NEC | agreed |  |  |
| S5-205242 | Proposal on Assurance Closed Loop model updates | Ericsson LM, Deutsche Telekom, NEC | noted |  |  |
| S5-205243 | Rel-16 CR 28.623 Use comDefs.yaml instead of local definitions in genericNrm.yaml (OpenAPI definition) | Nokia, Nokia Shanhai Bell | revised |  | S5-205394 |
| S5-205244 | Implement Assurance Closed Loop model changes | Ericsson LM, Deutsche Telekom, NEC | not pursued |  | - |
| S5-205245 | Rel-16 CR 32.423 Fix inconsistencies in NR positioning method | Nokia | agreed |  |  |
| S5-205246 | Remove attribute perfMetricJobGroupId | Ericsson LM | revised |  | S5-205391 |
| S5-205247 | Remove attribute perfMetricJobGroupId | Ericsson LM | revised |  | S5-205392 |
| S5-205248 | TD clarify concept of service level specification | Nokia, Nokia Shanghai Bell | revised |  | S5-205287 |
| S5-205249 | TD tenant information to support multi-tenancy for network slice management | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-205250 | refine tenant information concept | Nokia, Nokia Shanghai Bell | revised |  | S5-205312 |
| S5-205251 | add abbreviations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205252 | add abbreviations reference | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205253 | add containment relationship for network slice IOC | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-205254 | decouple communication service and network slice | Nokia, Nokia Shanghai Bell | revised |  | S5-205288 |
| S5-205255 | move service profile definition from 28531 | Nokia, Nokia Shanghai Bell | revised |  | S5-205289 |
| S5-205256 | move service profile definition to 28530 | Nokia, Nokia Shanghai Bell | revised |  | S5-205290 |
| S5-205257 | fix description related to service profile | Nokia, Nokia Shanghai Bell | revised |  | S5-205291 |
| S5-205258 | Remove value handling from the granularityPeriod description. | Ericsson LM | agreed |  |  |
| S5-205259 | Remove value handling from the granularityPeriod description. | Ericsson LM | agreed |  |  |
| S5-205260 | add containment relationship for network slice IOC stage 3 | Nokia Germany | agreed |  |  |
| S5-205261 | Correction of network slice NRM | Ericsson LM | not pursued |  |  |
| S5-205262 | Correction of network slice NRM | Ericsson LM | not pursued |  |  |
| S5-205263 | Stage3 Correction of network slice NRM | Ericsson LM | not pursued |  |  |
| S5-205264 | Stage 3 Correction of network slice NRM | Ericsson LM | not pursued |  |  |
| S5-205265 | Correction of allocateNsi operations and procedures | Ericsson LM | revised |  | S5-205372 |
| S5-205266 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (stage 2) | Nokia, Nokia Shanghai Bell | revised |  | S5-205383 |
| S5-205267 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (REST SS, OpenAPI definitions) | Nokia, Nokia Shanghai Bell | revised |  | S5-205384 |
| S5-205268 | Proposal on updates to network slice model and procedures | Ericsson LM | revised |  | S5-205405 |
| S5-205269 | Rel-16 CR 28.532 Extend object creation method with id selection by the MnS producer (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-205270 | Rel-16 CR TS28.535 Corrections to clause 4.1 and 4.2.1 | NEC Europe Ltd; Ericsson | agreed |  |  |
| S5-205271 | LS on Counter of UEs Registering Network Slice | C4-204421 | postponed |  |  |
| S5-205272 | Draft TR 28.557 | Huawei | approved | - | - |
| S5-205273 | Draft TR 28.808 | TNO | approved | - | - |
| S5-205274 | draft TR 28.813 | ORANGE | approved | - | - |
| S5-205275 | Draft TR 28.814 | Intel | approved | - | - |
| S5-205276 | fix description related to service profile | Nokia | agreed | - | - |
| S5-205277 | DraftCR for 6.4.2 EMA5SLA - TS 28.540 | China Mobile | approved | - | - |
| S5-205278 | DraftCR for 6.4.2 EMA5SLA - TS 28.541 | China Mobile | approved | - | - |
| S5-205279 | DraftCR for 6.4.3 e\_5GMDT - TS 32.441 | Ericsson | approved | - | - |
| S5-205280 | DraftCR for 6.4.4 adNRM - TS 28.541 | Nokia | withdrawn | - | - |
| S5-205281 | DraftCR for 6.4.5 eQoE - TS 28.404 | Ericsson | approved | - | - |
| S5-205282 | DraftCR for 6.4.6 ePM\_KPI\_5G - TS 28.552 | Intel | approved | - | - |
| S5-205283 | Rel-17 Input to draftCR 28.541 ServiceProfile to SliceProfile Translation Stage 3 | Samsung Research America | approved | - | - |
| S5-205284 | pCR 28.814 use case of EAS configuration | Intel Corporation (UK) Ltd | approved | S5-205133 | - |
| S5-205285 | pCR 28.814 Solution for EAS deployment | Samsung Research America | approved | S5-205035 | - |
| S5-205286 | pCR 28.814 solution for EAS lifecycle management | Intel Corporation (UK) Ltd | approved | S5-205134 | - |
| S5-205287 | TD clarify concept of service level specification | Nokia, Nokia Shanghai Bell | endorsed | S5-205248 | - |
| S5-205288 | decouple communication service and network slice | Nokia, Nokia Shanghai Bell | agreed | S5-205254 | - |
| S5-205289 | move service profile definition from 28531 | Nokia, Nokia Shanghai Bell | agreed | S5-205255 | - |
| S5-205290 | move service profile definition to 28530 | Nokia, Nokia Shanghai Bell | agreed | S5-205256 | - |
| S5-205291 | fix description related to service profile | Nokia, Nokia Shanghai Bell | agreed | S5-205257 | - |
| S5-205292 | Input draftCR Rel-17 28.541 ServiceProfle to SliceProfile Translation | Samsung, China Mobile, Telefonica, Huawei | approved | - | - |
| S5-205293 | Rel-17 Input to DraftCR 28.541 Add positioning support in ServiceProfile | Huawei, China Mobile | approved | - | - |
| S5-205294 | Rel-17 Input to draftCR 28.541 Add synchronicity support in ServiceProfile | Huawei, China Mobile | approved | - | - |
| S5-205295 | Input to draftCR Rel-17 28.541 GST Configuration | Samsung Research America | approved | - | - |
| S5-205297 | Living document of review of GSMA GST SA5#133e | Huawei, China Mobile | endorsed | S5-205206 | - |
| S5-205298 | Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | agreed | S5-205093 | - |
| S5-205299 | Rel-17 Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | agreed | S5-205097 | - |
| S5-205300 | Add new MDT specific parameter collection period for NR aligning with 32.422 | Ericsson LM | agreed | S5-205098 | - |
| S5-205301 | Add new MDT specific parameter collection period for NR aligning with 28.622 for stage 3 | Ericsson LM | agreed | S5-205099 | - |
| S5-205302 | Input to DraftCR Add new MDT requirements for E-UTRAN | Ericsson LM | approved | - | - |
| S5-205304 | Discuss on NR NRM update to support MOCN network sharing scenario | Huawei, China Telecom, CATT, China Unicom | endorsed | S5-205107 | - |
| S5-205305 | Input to draft CR Adding Signalling Based Activation | Ericsson LM | approved | - | - |
| S5-205306 | Rel-17 input to draftCR 28.552 Add measurements on NIDD configuration | Intel Sweden AB | approved | - | - |
| S5-205307 | Input to draft CR 28.552 Add measurements on NIDD service | Intel Sweden AB | approved | - | - |
| S5-205308 | Input to draft CR TS28.552 Add Intra and Inter-frequency Handover related measurements | ZTE Wistron Telecom AB | approved | - | - |
| S5-205309 | Add to A.28 new part related to interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) monitoring. | Nokia Solutions & Networks (I) | agreed | S5-205044 | - |
| S5-205310 | Input to draft CR 28.552 Add measurements on AF traffic influence | Intel Sweden AB | approved | - | - |
| S5-205311 | Input to draft CR 28.552 Add measurements on external parameter provisioning | Intel Sweden AB | approved | - | - |
| S5-205312 | refine tenant information concept | Nokia, Nokia Shanghai Bell | agreed | S5-205250 | - |
| S5-205315 | pCR 28.808 Add a solution to create and manage a network slice associated with satellite components | TNO | approved | S5-205214 | - |
| S5-205316 | pCR TR 28.813 Network Function energy consumption estimation – detailed potential solution | Orange | approved | S5-205226 | - |
| S5-205317 | Solutions on EE KPI for 5GC | China Telecom Corporation Ltd. | approved | S5-205112 | - |
| S5-205318 | LS on energySaving state information exposure | China Telecom Corporation Ltd. | approved | S5-205109 | - |
| S5-205319 | Discussion paper on energySaving state information exposure | China Telecom Corporation Ltd. | approved | S5-205144 | - |
| S5-205320 | Input draftCR Add requirements of SLA management | China Mobile Com. Corporation | approved | - | - |
| S5-205321 | LS to SA6 on the relation between EDGEAPP and ETSI MEC architectures | Huawei | approved | - | - |
| S5-205322 | pCR 28.814 Use Case of Edge Performance Assurance | Samsung Research America | approved | S5-205036 | - |
| S5-205323 | List of draftCRs | SA WG5 | available | - | - |
| S5-205347 | Reply to: Resubmitted Reply LS to SA5 on QoE Measurement Collection | Ericsson | approved | - | - |
| S5-205348 | Reply to: LS to SA5 on TM Forum implementation experiences 3GPP NRM Models | Huawei | approved | - | - |
| S5-205349 | Discussion on YANG interface for Network Slice Management | Cisco | withdrawn | - | - |
| S5-205350 | CR Rel-16 28.530 Correction of missing Figure 4.1.7.1 Examples of network slice as NOP internals | Ericsson | agreed | - | - |
| S5-205351 | add containment relationship for network slice IOC | Nokia | agreed | - | - |
| S5-205352 | add containment relationship for network slice IOC stage 3 | Nokia | agreed | - | - |
| S5-205353 | R17 CR TS 28.541 add subclause reference of MRO related attribute | Huawei | agreed | - | - |
| S5-205354 | Discussion paper for discontinuing XML solution set from Rel-16 | Huawei | endorsed | - | - |
| S5-205355 | Reply LS to O-RAN – 3GPP Cooperation on Management Services | Huawei | noted | - | - |
| S5-205356 | Reply LS on URI for streaming trace reporting in LTE | Ericsson LM | approved | S5-205092 | - |
| S5-205357 | Reply to: Reply LS to SA5 on energy efficiency | ORANGE | approved | S5-205232 | - |
| S5-205358 | Rel-16 OAM Stage2 and Stage3 Mapping Status | SA5 Vice Chair(Huawei), SA5 Chair | noted | S5-205199 | - |
| S5-205359 | Specification investigation | Ericsson | endorsed | S5-205230 | - |
| S5-205360 | Rel-15 CR 28.554 Correct UDM e2e KPI | Huawei | agreed | S5-205047 | - |
| S5-205361 | Rel-16 CR 28.554 Correct UDM e2e KPI | Huawei | agreed | S5-205048 | - |
| S5-205362 | Rel-17 CR 28.554 Correct UDM e2e KPI | Huawei | agreed | S5-205049 | - |
| S5-205363 | Rel-17 CR 28.554 Editorial Correction of TS 28.554 | Huawei.ORANGE | agreed | S5-205151 | - |
| S5-205364 | Rel-16 CR 28.554 Editorial Correction of TS 28.554 | Huawei,ORANGE | agreed | S5-205152 | - |
| S5-205365 | Rel-16 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | agreed | S5-205057 | - |
| S5-205366 | Rel-17 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | agreed | S5-205058 | - |
| S5-205367 | Rel-17 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | agreed | S5-205153 | - |
| S5-205368 | Rel-16 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | agreed | S5-205154 | - |
| S5-205369 | Rel-16 CR TS 28.541 Correct Network slice NRM | CATT | agreed | S5-205225 | - |
| S5-205370 | Rel-17 CR TS 28.541 Correct Network slice NRM | CATT | agreed | S5-205228 | - |
| S5-205372 | Correction of allocateNsi operations and procedures | Ericsson LM | agreed | S5-205265 | - |
| S5-205373 | R16 CR TS 28.541 add subclause reference of MRO related attribute | Huawei | agreed | S5-205094 | - |
| S5-205374 | Rel-16 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | agreed | S5-205137 | - |
| S5-205375 | Rel-17 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | agreed | S5-205138 | - |
| S5-205376 | Rel-16 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | agreed | S5-205139 | - |
| S5-205377 | Rel-17 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | agreed | S5-205140 | - |
| S5-205378 | Rel-16 CR 28.313 address the issues discovered by Edithelp | Intel Corporation (UK) Ltd | agreed | S5-205130 | - |
| S5-205379 | R16 CR TS 28.313 add subclause reference for ranges of handover parameters | Huawei | agreed | S5-205095 | - |
| S5-205380 | R16 CR TS 28.313 corrections on notification information of PCI configuration | Huawei | agreed | S5-205096 | - |
| S5-205381 | Rel-16 CR 28.532 Correct CR implementation errors (Fault MnS) | Nokia, Nokia Shanghai Bell | agreed | S5-205156 | - |
| S5-205382 | Rel-16 CR 28.532 Correct notifyHeartbeat (stage 2, REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed | S5-205189 | - |
| S5-205383 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (stage 2) | Nokia, Nokia Shanghai Bell | agreed | S5-205266 | - |
| S5-205384 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (REST SS, OpenAPI definitions) | Nokia, Nokia Shanghai Bell | agreed | S5-205267 | - |
| S5-205385 | Rel-16 CR TS 28.532 Correction on generic file data report MnS | Huawei | agreed | S5-205101 | - |
| S5-205386 | Rel-16 CR TS 28.532 Update generic streaming MnS | Huawei | agreed | S5-205102 | - |
| S5-205387 | Rel-16 CR 28.532 Correct notifyThresholdCrossing (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed | S5-205188 | - |
| S5-205388 | Rel-16 CR 28.532 Correct ThresholdLevelInd (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed | S5-205158 | - |
| S5-205389 | Rel-16 CR 28.622 Remove thresholdLevel attribute from ThresholdMonitor (stage 2) | Nokia, Nokia Shanghai Bell | agreed | S5-205190 | - |
| S5-205390 | Cleanup based on refined slice definition | Ericsson LM | agreed | S5-205155 | - |
| S5-205391 | Remove attribute perfMetricJobGroupId | Ericsson LM | agreed | S5-205246 | - |
| S5-205392 | Remove attribute perfMetricJobGroupId | Ericsson LM | agreed | S5-205247 | - |
| S5-205393 | Rel-16 CR 28.623 Correct and add types in comDefs.yaml (OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed | S5-205195 | - |
| S5-205394 | Rel-16 CR 28.623 Use comDefs.yaml instead of local definitions in genericNrm.yaml (OpenAPI definition) | Nokia, Nokia Shanhai Bell | agreed | S5-205243 | - |
| S5-205395 | YANG corrections by Code Moderator | Ericsson Hungary Ltd | endorsed | S5-205060 | - |
| S5-205396 | Import prefix rule for YANG | Ericsson Hungary Ltd | agreed | S5-205231 | - |
| S5-205397 | Move and update content of clause 4.1.1 Overview to Annex | Ericsson LM, Deutsche Telekom, NEC | agreed | S5-205238 | - |
| S5-205398 | Implement Assurance Closed Loop model changes | Ericsson LM, Deutsche Telekom, NEC | approved | - | - |
| S5-205399 | Rel-16 CR 28.536 Update references to other specifications | Huawei | agreed | S5-205053 | - |
| S5-205400 | pCR 28.557 Add use case of NPN provisioning by network slice of PLMN | Huawei, Telefónica S.A. | approved | S5-205201 | - |
| S5-205401 | pCR 28.557 Add generic requirements for management of NPN | Huawei | approved | S5-205202 | - |
| S5-205402 | pCR 28.557 Add generic management aspects | Huawei, Telefónica S.A. | approved | S5-205203 | - |
| S5-205403 | pCR 28.557 Add use case on SNPN provisioning | TELEFONICA S.A. | approved | S5-205233 | - |
| S5-205404 | Rel-16 CR TS 28.536 Clarify predicted value of the AssuranceGoalStatus | Huawei | agreed | S5-205054 | - |
| S5-205405 | Proposal on updates to network slice model and procedures | Ericsson LM | endorsed | S5-205268 | - |
| S5-205406 | SA5#133e OAM Chair notes and conclusions | WG Chair | available | S5-205007 | - |
| S5-205422 | Rel-16 CR 32.291 Correction of roamer in out from SMSF | Ericsson | agreed | - | - |
| S5-205423 | Rel-16 CR 32.298 Correction of roamer in out from SMSF | Ericsson | agreed | - | - |
| S5-205424 | Rel-17 CR 32.260 Update of IMS nodes supporting Nchf | Ericsson | agreed | S5-205182 | - |
| S5-205425 | Rel-17 CR 32.260 Adding data description for IMS converged charging | Ericsson | agreed | S5-205183 | - |
| S5-205426 | Rel-17 CR 32.255 Add URLLC Charging Requirement | Huawei | agreed | S5-205084 | - |
| S5-205427 | Rel-17 CR 32.255 Add Highly reliable URLLC services Charging | Huawei | agreed | S5-205085 | - |
| S5-205428 | Rel-15 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | agreed | S5-205032 | - |
| S5-205429 | Rel-16 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | agreed | S5-205033 | - |
| S5-205430 | Rel-15 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | agreed | S5-205175 | - |
| S5-205431 | Rel-16 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | agreed | S5-205176 | - |
| S5-205432 | Rel-16 CR 32.290 Correcting trigger of usage reporting | Ericsson | agreed | S5-205159 | - |
| S5-205433 | Add Abbreviations NSM and remove Subscriber Identifier in CHF record data | China Telecomunication Corp. | agreed | S5-205026 | - |
| S5-205434 | Correction of the Category and Operation Types | China Telecomunication Corp. | agreed | S5-205027 | - |
| S5-205435 | Change the Category of Invocation Sequence Number and Remove Subscriber Identifier from CHF record data | China Telecomunication Corp. | agreed | S5-205029 | - |
| S5-205436 | LS on Network Slice PA Charging per maximum utilized bandwidth | China Mobile Com. Corporation | agreed | S5-205034 | - |
| S5-205437 | Rel-16 CR 32.255 Add multi-homed PDU address in CDR for IPv6 multi-homing | Huawei | agreed | S5-205064 | - |
| S5-205438 | Rel-16 CR 32.298 Add multi-homed PDU address for IPv6 multi-homing | Huawei | agreed | S5-205066 | - |
| S5-205439 | Rel-16 CR 32.255 Add QNC subscription | Huawei | agreed | S5-205074 | - |
| S5-205440 | Rel-16 CR 32.291 Add QNC subscription | Huawei | agreed | S5-205075 | - |
| S5-205441 | Rel-16 CR 32.255 Add the enhanced Diagnostics for 5G Charging | Huawei | agreed | S5-205078 | - |
| S5-205442 | Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging | Huawei | revised | S5-205079 | S5-205480 |
| S5-205443 | Rel-16 CR 32.298 Add the enhanced Diagnostics for 5G Charging | Huawei | agreed | S5-205080 | - |
| S5-205444 | Rel-16 CR 32.291 Correct the InvocationSequenceNumber | Huawei | agreed | S5-205081 | - |
| S5-205445 | Rel-16 CR 32.290 Fialue handing for InvocationSequemceNumber | Huawei | agreed | S5-205082 | - |
| S5-205446 | Rel-16 CR 32.298 Correct the NSPA Charging Information | Huawei | revised | S5-205090 | S5-205479 |
| S5-205447 | Rel-16 CR 32.291 Correct the Open API | Huawei | agreed | S5-205091 | - |
| S5-205448 | Rel-16 CR 32.291 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | agreed | S5-205124 | - |
| S5-205449 | Rel-16 CR 32.291 Correction on imported data type references | Nokia, Nokia Shanghai Bell | agreed | S5-205126 | - |
| S5-205450 | Rel-15 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | agreed | S5-205160 | - |
| S5-205451 | Rel-16 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | agreed | S5-205161 | - |
| S5-205452 | Rel-15 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | agreed | S5-205162 | - |
| S5-205453 | Rel-16 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | agreed | S5-205163 | - |
| S5-205454 | Rel-15 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | agreed | S5-205166 | - |
| S5-205455 | Rel-16 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | agreed | S5-205167 | - |
| S5-205456 | Rel-15 CR 32.291 Correcting SMS message types | Ericsson | agreed | S5-205177 | - |
| S5-205457 | Rel-16 CR 32.291 Correcting SMS message types | Ericsson | agreed | S5-205178 | - |
| S5-205458 | Rel-16 CR 32.274 Correction of flows for IEC, ECUR and PEC | Ericsson | agreed | S5-205168 | - |
| S5-205459 | Rel-16 CR 32.255 Correcting UPF addition trigger | Ericsson | agreed | S5-205180 | - |
| S5-205460 | Rel-16 CR 32.298 Correction on User Identifier field format | Nokia, Nokia Shanghai Bell, Ericsson | agreed | S5-205128 | - |
| S5-205461 | pCR 28.815 Add overview for EC charging | Intel Sweden AB | approved | S5-205113 | - |
| S5-205462 | pCR 28.815 Add architecture considerations on charging aspects of edge computing | Intel Sweden AB | approved | S5-205114 | - |
| S5-205463 | pCR 28.815 Add charging scenarios and key issues on 5GS charging for edge computing | Intel Sweden AB | approved | S5-205115 | - |
| S5-205464 | Draft TR 28.815 | Intel | approved | - | - |
| S5-205465 | pCR 28.816 Add scope | Huawei | approved | S5-205070 | - |
| S5-205466 | pCR 28.816 Add introduction | Huawei | approved | S5-205071 | - |
| S5-205467 | Draft TR 28.816 | Huawei | approved | - | - |
| S5-205468 | Revised SID on charging aspects of Proximity-based Services in 5GC | CATT | agreed | S5-205219 | - |
| S5-205469 | pCR Add skeleton to draft TR 32.846 | CATT | approved | S5-205220 | - |
| S5-205470 | pCR 32.846 Add scope and reference | CATT | approved | S5-205222 | - |
| S5-205471 | Draft TR 32.846 | CATT | approved | - | - |
| S5-205472 | Rel-15 CR 32.290 Correcting duplicate detection using charging id | Ericsson | agreed | S5-205169 | - |
| S5-205473 | Rel-16 CR 32.290 Correcting duplicate detection using charging id | Ericsson | agreed | S5-205170 | - |
| S5-205475 | Rel-16 CR 32.291 Correcting charging id availability for all NF | Ericsson | agreed | S5-205172 | - |
| S5-205476 | Rel-15 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | agreed | S5-205173 | - |
| S5-205477 | Rel-16 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | agreed | S5-205174 | - |
| S5-205478 | CH agenda and time plan | WG vice Chair (Nokia) | noted | S5-205008 | - |
| S5-205479 | Rel-16 CR 32.298 Correct the NSPA Charging Information | Huawei | agreed | S5-205446 | - |
| S5-205480 | Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging | Huawei | agreed | S5-205442 | - |

### A2: Tdoc decision timing

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| --- | --- | --- |
| Document | Date/time UTC | Decision |
| S5-205000 | 27/10/2020 15:48:38 | approved |
| S5-205001 | 27/10/2020 15:48:41 | approved |
| S5-205002 | 27/10/2020 15:48:48 | noted |
| S5-205004 | 27/10/2020 15:58:14 | noted |
| S5-205005 | 27/10/2020 15:58:26 | noted |
| S5-205007 | 30/10/2020 14:28:29 | revised |
| S5-205008 | 26/10/2020 16:30:09 | revised |
| S5-205009 | 30/10/2020 15:33:58 | noted |
| S5-205010 | 30/10/2020 15:33:34 | noted |
| S5-205011 | 27/10/2020 15:51:30 | noted |
| S5-205012 | 26/10/2020 16:31:26 | noted |
| S5-205013 | 27/10/2020 15:58:53 | replied to |
| S5-205014 | 26/10/2020 16:31:30 | noted |
| S5-205015 | 27/10/2020 15:59:28 | noted |
| S5-205016 | 27/10/2020 15:59:34 | noted |
| S5-205017 | 27/10/2020 15:54:17 | replied to |
| S5-205018 | 27/10/2020 15:59:43 | noted |
| S5-205019 | 27/10/2020 15:52:47 | available |
| S5-205020 | 27/10/2020 15:52:31 | noted |
| S5-205021 | 27/10/2020 15:55:49 | replied to |
| S5-205022 | 27/10/2020 15:56:55 | available |
| S5-205023 | 27/10/2020 15:59:53 | postponed |
| S5-205024 | 27/10/2020 15:52:16 | noted |
| S5-205025 | 27/10/2020 10:18:03 | available |
| S5-205026 | 27/10/2020 10:18:18 | revised |
| S5-205027 | 27/10/2020 10:18:30 | revised |
| S5-205028 | 27/10/2020 10:18:40 | available |
| S5-205029 | 27/10/2020 10:18:58 | revised |
| S5-205030 | 27/10/2020 10:52:20 | approved |
| S5-205031 | 27/10/2020 10:21:45 | agreed |
| S5-205032 | 26/10/2020 16:33:31 | revised |
| S5-205033 | 26/10/2020 16:33:39 | revised |
| S5-205034 | 27/10/2020 10:22:00 | revised |
| S5-205035 | 30/10/2020 11:48:10 | revised |
| S5-205036 | 30/10/2020 11:46:19 | revised |
| S5-205037 | 30/10/2020 11:46:26 | noted |
| S5-205038 | 29/10/2020 14:13:12 | revised |
| S5-205039 | 28/10/2020 16:29:34 | revised |
| S5-205040 | 27/10/2020 10:22:08 | agreed |
| S5-205042 | 27/10/2020 10:22:09 | agreed |
| S5-205043 | 27/10/2020 10:22:15 | agreed |
| S5-205044 | 29/10/2020 16:14:43 | revised |
| S5-205045 | 27/10/2020 16:07:13 | noted |
| S5-205046 | 29/10/2020 16:04:03 | revised |
| S5-205047 | 28/10/2020 15:29:01 | revised |
| S5-205048 | 28/10/2020 15:29:10 | revised |
| S5-205049 | 28/10/2020 15:29:20 | revised |
| S5-205050 | 29/10/2020 16:05:14 | available |
| S5-205051 | 29/10/2020 16:05:19 | available |
| S5-205052 | 30/10/2020 11:48:22 | noted |
| S5-205053 | 28/10/2020 15:52:29 | revised |
| S5-205054 | 28/10/2020 15:52:43 | revised |
| S5-205055 | 28/10/2020 15:29:58 | available |
| S5-205056 | 28/10/2020 15:30:02 | available |
| S5-205057 | 28/10/2020 15:31:06 | revised |
| S5-205058 | 28/10/2020 15:31:14 | revised |
| S5-205059 | 28/10/2020 15:31:51 | agreed |
| S5-205060 | 28/10/2020 15:48:15 | revised |
| S5-205061 | 28/10/2020 15:49:03 | agreed |
| S5-205062 | 27/10/2020 16:07:16 | noted |
| S5-205063 | 28/10/2020 15:49:07 | agreed |
| S5-205064 | 27/10/2020 10:22:30 | revised |
| S5-205065 | 27/10/2020 10:22:35 | agreed |
| S5-205066 | 27/10/2020 10:22:50 | revised |
| S5-205067 | 27/10/2020 10:23:04 | available |
| S5-205068 | 26/10/2020 16:33:50 | available |
| S5-205069 | 26/10/2020 16:33:53 | available |
| S5-205070 | 27/10/2020 10:52:31 | revised |
| S5-205071 | 27/10/2020 10:52:41 | revised |
| S5-205073 | 27/10/2020 10:31:05 | noted |
| S5-205074 | 27/10/2020 10:31:15 | revised |
| S5-205075 | 27/10/2020 10:31:26 | revised |
| S5-205076 | 27/10/2020 10:31:33 | available |
| S5-205077 | 27/10/2020 10:31:42 | available |
| S5-205078 | 27/10/2020 10:31:53 | revised |
| S5-205079 | 27/10/2020 10:33:24 | revised |
| S5-205080 | 30/10/2020 15:34:50 | revised |
| S5-205081 | 30/10/2020 15:35:10 | revised |
| S5-205082 | 30/10/2020 15:35:25 | revised |
| S5-205083 | 26/10/2020 16:32:33 | available |
| S5-205084 | 26/10/2020 16:32:44 | revised |
| S5-205085 | 26/10/2020 16:33:10 | revised |
| S5-205086 | 27/10/2020 09:59:24 | noted |
| S5-205087 | 27/10/2020 09:57:10 | available |
| S5-205088 | 27/10/2020 09:57:13 | available |
| S5-205089 | 30/10/2020 15:35:47 | agreed |
| S5-205090 | 27/10/2020 10:38:21 | revised |
| S5-205091 | 27/10/2020 10:39:11 | revised |
| S5-205092 | 27/10/2020 15:53:36 | revised |
| S5-205093 | 29/10/2020 16:02:48 | revised |
| S5-205094 | 28/10/2020 15:38:42 | revised |
| S5-205095 | 28/10/2020 15:41:55 | revised |
| S5-205096 | 28/10/2020 15:42:06 | revised |
| S5-205097 | 29/10/2020 16:03:01 | revised |
| S5-205098 | 29/10/2020 16:03:34 | revised |
| S5-205099 | 29/10/2020 16:03:44 | revised |
| S5-205100 | 27/10/2020 10:00:13 | noted |
| S5-205101 | 28/10/2020 15:44:19 | revised |
| S5-205102 | 28/10/2020 15:44:28 | revised |
| S5-205103 | 28/10/2020 15:32:04 | agreed |
| S5-205104 | 28/10/2020 15:32:08 | agreed |
| S5-205105 | 28/10/2020 15:32:14 | agreed |
| S5-205106 | 28/10/2020 15:32:15 | agreed |
| S5-205107 | 29/10/2020 16:05:42 | revised |
| S5-205108 | 29/10/2020 16:06:07 | available |
| S5-205109 | 30/10/2020 11:45:20 | revised |
| S5-205110 | 28/10/2020 15:31:31 | agreed |
| S5-205111 | 28/10/2020 15:31:34 | agreed |
| S5-205112 | 30/10/2020 11:45:00 | revised |
| S5-205113 | 27/10/2020 10:50:18 | revised |
| S5-205114 | 27/10/2020 10:50:36 | revised |
| S5-205115 | 30/10/2020 15:37:35 | revised |
| S5-205116 | 29/10/2020 16:15:09 | revised |
| S5-205117 | 29/10/2020 16:19:09 | revised |
| S5-205118 | 29/10/2020 16:09:53 | revised |
| S5-205119 | 29/10/2020 16:10:44 | revised |
| S5-205121 | 26/10/2020 16:31:43 | noted |
| S5-205122 | 27/10/2020 10:39:17 | agreed |
| S5-205123 | 27/10/2020 10:39:23 | agreed |
| S5-205124 | 27/10/2020 10:39:34 | revised |
| S5-205125 | 27/10/2020 10:39:42 | agreed |
| S5-205126 | 27/10/2020 10:40:02 | revised |
| S5-205127 | 27/10/2020 10:40:09 | agreed |
| S5-205128 | 27/10/2020 10:48:33 | revised |
| S5-205130 | 28/10/2020 15:41:21 | revised |
| S5-205131 | 28/10/2020 15:41:25 | agreed |
| S5-205132 | 30/10/2020 11:48:28 | noted |
| S5-205133 | 30/10/2020 11:46:44 | revised |
| S5-205134 | 30/10/2020 11:48:46 | revised |
| S5-205135 | 30/10/2020 11:49:10 | noted |
| S5-205136 | 28/10/2020 15:39:11 | agreed |
| S5-205137 | 28/10/2020 15:39:20 | revised |
| S5-205138 | 28/10/2020 15:40:05 | revised |
| S5-205139 | 28/10/2020 15:40:20 | revised |
| S5-205140 | 28/10/2020 15:40:29 | revised |
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| S5-205142 | 28/10/2020 15:40:55 | available |
| S5-205143 | 28/10/2020 15:41:00 | available |
| S5-205144 | 30/10/2020 11:45:33 | revised |
| S5-205145 | 29/10/2020 16:06:16 | noted |
| S5-205146 | 29/10/2020 16:06:26 | available |
| S5-205147 | 29/10/2020 16:11:43 | revised |
| S5-205148 | 29/10/2020 16:12:24 | available |
| S5-205149 | 30/10/2020 11:43:45 | approved |
| S5-205150 | 30/10/2020 11:43:49 | approved |
| S5-205151 | 28/10/2020 15:30:21 | revised |
| S5-205152 | 28/10/2020 15:30:47 | revised |
| S5-205153 | 28/10/2020 15:32:35 | revised |
| S5-205154 | 28/10/2020 15:32:44 | revised |
| S5-205155 | 28/10/2020 15:46:24 | revised |
| S5-205156 | 28/10/2020 15:42:56 | revised |
| S5-205157 | 28/10/2020 15:42:24 | available |
| S5-205158 | 28/10/2020 15:45:12 | revised |
| S5-205159 | 27/10/2020 09:57:33 | revised |
| S5-205160 | 27/10/2020 10:40:24 | revised |
| S5-205161 | 27/10/2020 10:40:44 | revised |
| S5-205162 | 27/10/2020 10:40:54 | revised |
| S5-205163 | 27/10/2020 10:41:05 | revised |
| S5-205164 | 27/10/2020 10:47:02 | agreed |
| S5-205165 | 27/10/2020 10:47:06 | available |
| S5-205166 | 27/10/2020 10:41:28 | revised |
| S5-205167 | 27/10/2020 10:46:18 | revised |
| S5-205168 | 27/10/2020 10:47:37 | revised |
| S5-205169 | 26/10/2020 16:37:11 | revised |
| S5-205170 | 26/10/2020 16:37:26 | revised |
| S5-205171 | 26/10/2020 16:37:31 | agreed |
| S5-205172 | 27/10/2020 09:56:09 | revised |
| S5-205173 | 27/10/2020 09:56:24 | revised |
| S5-205174 | 27/10/2020 09:56:35 | revised |
| S5-205175 | 27/10/2020 09:56:44 | revised |
| S5-205176 | 27/10/2020 09:56:54 | revised |
| S5-205177 | 27/10/2020 10:46:38 | revised |
| S5-205178 | 27/10/2020 10:46:54 | revised |
| S5-205179 | 27/10/2020 10:47:45 | agreed |
| S5-205180 | 27/10/2020 10:47:57 | revised |
| S5-205181 | 27/10/2020 10:49:53 | available |
| S5-205182 | 26/10/2020 16:31:59 | revised |
| S5-205183 | 26/10/2020 16:32:12 | revised |
| S5-205184 | 26/10/2020 16:32:23 | available |
| S5-205185 | 27/10/2020 10:48:04 | noted |
| S5-205186 | 27/10/2020 10:48:05 | noted |
| S5-205187 | 28/10/2020 15:44:45 | agreed |
| S5-205188 | 28/10/2020 15:44:54 | revised |
| S5-205189 | 28/10/2020 15:43:12 | revised |
| S5-205190 | 28/10/2020 15:45:29 | revised |
| S5-205191 | 28/10/2020 15:45:36 | agreed |
| S5-205192 | 09/10/2020 16:55:25 | withdrawn |
| S5-205193 | 28/10/2020 15:43:20 | agreed |
| S5-205194 | 27/10/2020 15:51:54 | noted |
| S5-205195 | 28/10/2020 15:47:37 | revised |
| S5-205196 | 30/10/2020 11:34:16 | noted |
| S5-205197 | 28/10/2020 16:28:05 | revised |
| S5-205198 | 27/10/2020 16:10:22 | noted |
| S5-205199 | 27/10/2020 16:07:37 | revised |
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| S5-205201 | 28/10/2020 15:53:15 | revised |
| S5-205202 | 28/10/2020 15:53:28 | revised |
| S5-205203 | 28/10/2020 15:53:38 | revised |
| S5-205204 | 28/10/2020 16:25:41 | noted |
| S5-205205 | 28/10/2020 16:26:18 | available |
| S5-205206 | 29/10/2020 16:02:24 | revised |
| S5-205207 | 29/10/2020 14:11:07 | revised |
| S5-205208 | 29/10/2020 14:12:04 | revised |
| S5-205209 | 30/10/2020 11:45:40 | approved |
| S5-205210 | 30/10/2020 11:34:27 | noted |
| S5-205211 | 30/10/2020 11:45:48 | noted |
| S5-205212 | 30/10/2020 11:34:31 | noted |
| S5-205213 | 27/10/2020 09:57:43 | agreed |
| S5-205214 | 30/10/2020 11:43:58 | revised |
| S5-205215 | 30/10/2020 11:44:09 | approved |
| S5-205216 | 30/10/2020 11:44:12 | approved |
| S5-205217 | 29/10/2020 16:08:28 | available |
| S5-205217 | 29/10/2020 16:08:50 | revised |
| S5-205218 | 28/10/2020 15:49:15 | agreed |
| S5-205219 | 27/10/2020 10:54:37 | revised |
| S5-205220 | 27/10/2020 10:55:04 | revised |
| S5-205221 | 30/10/2020 11:45:51 | approved |
| S5-205222 | 27/10/2020 10:55:15 | revised |
| S5-205223 | 30/10/2020 11:44:32 | approved |
| S5-205224 | 30/10/2020 11:44:35 | approved |
| S5-205225 | 28/10/2020 15:34:02 | revised |
| S5-205226 | 30/10/2020 11:44:44 | revised |
| S5-205227 | 30/10/2020 11:45:57 | approved |
| S5-205228 | 28/10/2020 15:34:16 | revised |
| S5-205229 | 27/10/2020 10:53:00 | approved |
| S5-205230 | 27/10/2020 16:09:40 | revised |
| S5-205231 | 28/10/2020 15:49:28 | revised |
| S5-205231 | 28/10/2020 15:49:32 | agreed |
| S5-205232 | 27/10/2020 15:54:53 | available |
| S5-205233 | 28/10/2020 15:53:51 | revised |
| S5-205234 | 28/10/2020 16:27:02 | available |
| S5-205235 | 28/10/2020 15:46:44 | agreed |
| S5-205236 | 28/10/2020 16:27:15 | available |
| S5-205237 | 29/10/2020 16:06:34 | noted |
| S5-205238 | 28/10/2020 15:50:08 | revised |
| S5-205239 | 29/10/2020 16:06:38 | available |
| S5-205240 | 28/10/2020 15:50:30 | agreed |
| S5-205241 | 28/10/2020 15:50:33 | agreed |
| S5-205242 | 28/10/2020 15:50:36 | noted |
| S5-205243 | 28/10/2020 15:47:54 | revised |
| S5-205244 | 28/10/2020 15:51:15 | revised |
| S5-205245 | 28/10/2020 15:31:43 | agreed |
| S5-205246 | 28/10/2020 15:47:09 | revised |
| S5-205247 | 28/10/2020 15:47:18 | revised |
| S5-205248 | 28/10/2020 15:54:22 | revised |
| S5-205249 | 30/10/2020 11:33:47 | noted |
| S5-205250 | 30/10/2020 11:33:56 | revised |
| S5-205251 | 28/10/2020 15:45:56 | agreed |
| S5-205252 | 28/10/2020 15:46:33 | agreed |
| S5-205253 | 28/10/2020 15:32:57 | agreed |
| S5-205254 | 28/10/2020 15:54:39 | revised |
| S5-205255 | 28/10/2020 15:54:55 | revised |
| S5-205256 | 28/10/2020 15:55:31 | revised |
| S5-205257 | 28/10/2020 16:18:59 | revised |
| S5-205258 | 28/10/2020 15:46:52 | agreed |
| S5-205259 | 28/10/2020 15:46:55 | agreed |
| S5-205260 | 28/10/2020 15:33:20 | agreed |
| S5-205261 | 28/10/2020 15:35:22 | available |
| S5-205262 | 28/10/2020 15:35:29 | available |
| S5-205263 | 28/10/2020 15:37:21 | available |
| S5-205264 | 28/10/2020 15:38:14 | available |
| S5-205265 | 30/10/2020 15:30:48 | revised |
| S5-205266 | 28/10/2020 15:43:39 | revised |
| S5-205267 | 28/10/2020 15:43:56 | revised |
| S5-205268 | 28/10/2020 15:34:55 | revised |
| S5-205269 | 28/10/2020 15:42:34 | available |
| S5-205270 | 28/10/2020 15:50:17 | agreed |
| S5-205271 | 27/10/2020 15:51:47 | postponed |
| S5-205272 | 30/10/2020 11:51:22 | approved |
| S5-205273 | 30/10/2020 11:52:32 | approved |
| S5-205274 | 30/10/2020 11:53:34 | approved |
| S5-205275 | 28/10/2020 16:24:03 | approved |
| S5-205276 | 28/10/2020 16:24:45 | agreed |
| S5-205277 | 30/10/2020 13:19:15 | approved |
| S5-205278 | 02/11/2020 09:26:46 | approved |
| S5-205279 | 30/10/2020 13:29:42 | approved |
| S5-205280 | 02/11/2020 10:33:15 | withdrawn |
| S5-205281 | 30/10/2020 15:02:25 | approved |
| S5-205282 | 30/10/2020 15:28:23 | approved |
| S5-205283 | 28/10/2020 16:33:25 | approved |
| S5-205284 | 30/10/2020 11:47:14 | approved |
| S5-205285 | 30/10/2020 11:48:12 | approved |
| S5-205286 | 30/10/2020 11:48:47 | approved |
| S5-205287 | 28/10/2020 15:54:24 | reserved |
| S5-205288 | 28/10/2020 15:54:40 | agreed |
| S5-205289 | 28/10/2020 15:54:56 | agreed |
| S5-205290 | 28/10/2020 15:55:36 | agreed |
| S5-205291 | 28/10/2020 16:19:31 | agreed |
| S5-205292 | 30/10/2020 15:33:23 | approved |
| S5-205293 | 29/10/2020 14:11:10 | agreed |
| S5-205293 | 29/10/2020 14:11:39 | approved |
| S5-205294 | 29/10/2020 14:12:27 | approved |
| S5-205295 | 29/10/2020 14:13:20 | approved |
| S5-205296 | 30/10/2020 15:41:14 | withdrawn |
| S5-205297 | 29/10/2020 16:02:26 | reserved |
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| S5-205300 | 29/10/2020 16:03:35 | agreed |
| S5-205301 | 29/10/2020 16:03:45 | agreed |
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| S5-205302 | 29/10/2020 16:04:23 | approved |
| S5-205303 | 30/10/2020 15:41:15 | withdrawn |
| S5-205304 | 29/10/2020 16:05:44 | reserved |
| S5-205305 | 29/10/2020 16:08:52 | approved |
| S5-205306 | 29/10/2020 16:10:09 | approved |
| S5-205307 | 29/10/2020 16:11:13 | approved |
| S5-205308 | 29/10/2020 16:12:00 | approved |
| S5-205309 | 29/10/2020 16:14:44 | agreed |
| S5-205310 | 29/10/2020 16:15:40 | approved |
| S5-205311 | 29/10/2020 16:19:29 | approved |
| S5-205312 | 30/10/2020 11:33:58 | agreed |
| S5-205313 | 30/10/2020 15:41:16 | withdrawn |
| S5-205314 | 30/10/2020 15:41:18 | withdrawn |
| S5-205315 | 30/10/2020 11:43:59 | approved |
| S5-205316 | 30/10/2020 11:44:45 | approved |
| S5-205317 | 30/10/2020 11:45:01 | approved |
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| S5-205319 | 30/10/2020 11:45:34 | approved |
| S5-205320 | 28/10/2020 16:28:53 | approved |
| S5-205321 | 30/10/2020 11:50:09 | approved |
| S5-205322 | 30/10/2020 11:46:22 | approved |
| S5-205323 | 30/10/2020 15:41:19 | withdrawn |
| S5-205324 | 30/10/2020 15:41:19 | withdrawn |
| S5-205325 | 30/10/2020 15:41:22 | withdrawn |
| S5-205326 | 30/10/2020 15:41:22 | withdrawn |
| S5-205327 | 30/10/2020 15:41:23 | withdrawn |
| S5-205328 | 30/10/2020 15:41:25 | withdrawn |
| S5-205329 | 30/10/2020 15:41:26 | withdrawn |
| S5-205330 | 30/10/2020 15:41:27 | withdrawn |
| S5-205331 | 30/10/2020 15:41:29 | withdrawn |
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| S5-205334 | 30/10/2020 15:41:32 | withdrawn |
| S5-205335 | 30/10/2020 15:41:33 | withdrawn |
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| S5-205339 | 30/10/2020 15:41:37 | withdrawn |
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| S5-205341 | 30/10/2020 15:41:40 | withdrawn |
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| S5-205343 | 30/10/2020 15:41:42 | withdrawn |
| S5-205344 | 30/10/2020 15:41:43 | withdrawn |
| S5-205345 | 30/10/2020 15:41:44 | withdrawn |
| S5-205346 | 30/10/2020 15:41:46 | withdrawn |
| S5-205347 | 27/10/2020 15:56:07 | approved |
| S5-205348 | 27/10/2020 15:59:17 | approved |
| S5-205349 | 27/10/2020 16:05:04 | withdrawn |
| S5-205350 | 28/10/2020 15:46:06 | agreed |
| S5-205351 | 28/10/2020 15:33:42 | agreed |
| S5-205352 | 28/10/2020 15:33:50 | agreed |
| S5-205353 | 28/10/2020 15:38:57 | agreed |
| S5-205354 | 27/10/2020 16:08:58 | available |
| S5-205355 | 27/10/2020 16:06:34 | noted |
| S5-205356 | 27/10/2020 15:53:52 | approved |
| S5-205357 | 27/10/2020 15:54:26 | approved |
| S5-205358 | 27/10/2020 16:07:43 | noted |
| S5-205359 | 27/10/2020 16:09:54 | reserved |
| S5-205360 | 28/10/2020 15:29:02 | agreed |
| S5-205361 | 28/10/2020 15:29:12 | agreed |
| S5-205362 | 28/10/2020 15:29:21 | agreed |
| S5-205363 | 28/10/2020 15:30:24 | agreed |
| S5-205364 | 28/10/2020 15:30:48 | agreed |
| S5-205365 | 28/10/2020 15:31:07 | agreed |
| S5-205366 | 28/10/2020 15:31:16 | agreed |
| S5-205367 | 28/10/2020 15:32:36 | agreed |
| S5-205368 | 28/10/2020 15:32:45 | agreed |
| S5-205369 | 28/10/2020 15:34:03 | agreed |
| S5-205370 | 28/10/2020 15:34:17 | agreed |
| S5-205371 | 30/10/2020 15:41:46 | withdrawn |
| S5-205372 | 30/10/2020 15:30:49 | agreed |
| S5-205373 | 28/10/2020 15:38:43 | agreed |
| S5-205374 | 28/10/2020 15:39:21 | agreed |
| S5-205375 | 28/10/2020 15:40:06 | agreed |
| S5-205376 | 28/10/2020 15:40:21 | agreed |
| S5-205377 | 28/10/2020 15:40:31 | agreed |
| S5-205378 | 28/10/2020 15:41:22 | agreed |
| S5-205379 | 28/10/2020 15:41:58 | agreed |
| S5-205380 | 28/10/2020 15:42:07 | agreed |
| S5-205381 | 28/10/2020 15:42:57 | agreed |
| S5-205382 | 28/10/2020 15:43:13 | agreed |
| S5-205383 | 28/10/2020 15:43:40 | agreed |
| S5-205384 | 28/10/2020 15:43:57 | agreed |
| S5-205384 | 30/10/2020 11:47:38 | approved |
| S5-205384 | 30/10/2020 11:47:39 | agreed |
| S5-205385 | 28/10/2020 15:44:20 | agreed |
| S5-205386 | 28/10/2020 15:44:29 | agreed |
| S5-205387 | 28/10/2020 15:44:55 | agreed |
| S5-205388 | 28/10/2020 15:45:16 | agreed |
| S5-205389 | 28/10/2020 15:45:30 | agreed |
| S5-205390 | 28/10/2020 15:46:25 | agreed |
| S5-205391 | 28/10/2020 15:47:10 | agreed |
| S5-205392 | 28/10/2020 15:47:19 | agreed |
| S5-205393 | 28/10/2020 15:47:38 | agreed |
| S5-205394 | 28/10/2020 15:47:55 | agreed |
| S5-205395 | 28/10/2020 15:48:19 | reserved |
| S5-205396 | 28/10/2020 15:49:37 | agreed |
| S5-205397 | 28/10/2020 15:50:09 | agreed |
| S5-205398 | 28/10/2020 15:51:16 | approved |
| S5-205399 | 28/10/2020 15:52:30 | agreed |
| S5-205400 | 28/10/2020 15:53:16 | approved |
| S5-205401 | 28/10/2020 15:53:30 | approved |
| S5-205402 | 28/10/2020 15:53:40 | approved |
| S5-205403 | 28/10/2020 15:53:52 | approved |
| S5-205404 | 28/10/2020 15:52:44 | agreed |
| S5-205405 | 28/10/2020 15:35:07 | reserved |
| S5-205422 | 27/10/2020 10:47:18 | agreed |
| S5-205423 | 27/10/2020 10:47:25 | agreed |
| S5-205424 | 26/10/2020 16:32:01 | agreed |
| S5-205425 | 26/10/2020 16:32:13 | agreed |
| S5-205426 | 26/10/2020 16:32:47 | agreed |
| S5-205427 | 26/10/2020 16:33:11 | agreed |
| S5-205428 | 26/10/2020 16:33:32 | agreed |
| S5-205429 | 26/10/2020 16:33:40 | agreed |
| S5-205430 | 27/10/2020 09:56:45 | agreed |
| S5-205431 | 27/10/2020 09:56:55 | agreed |
| S5-205432 | 27/10/2020 09:57:34 | agreed |
| S5-205433 | 27/10/2020 10:18:19 | agreed |
| S5-205434 | 27/10/2020 10:18:31 | agreed |
| S5-205435 | 27/10/2020 10:21:40 | agreed |
| S5-205436 | 27/10/2020 10:22:01 | agreed |
| S5-205437 | 27/10/2020 10:22:31 | agreed |
| S5-205438 | 27/10/2020 10:22:56 | agreed |
| S5-205439 | 27/10/2020 10:31:16 | agreed |
| S5-205440 | 27/10/2020 10:31:27 | agreed |
| S5-205441 | 27/10/2020 10:31:55 | agreed |
| S5-205442 | 30/10/2020 15:36:53 | revised |
| S5-205443 | 30/10/2020 15:34:51 | agreed |
| S5-205444 | 30/10/2020 15:35:11 | agreed |
| S5-205445 | 30/10/2020 15:35:26 | agreed |
| S5-205446 | 27/10/2020 10:38:35 | revised |
| S5-205447 | 27/10/2020 10:39:12 | agreed |
| S5-205448 | 27/10/2020 10:39:35 | agreed |
| S5-205449 | 27/10/2020 10:40:03 | agreed |
| S5-205450 | 27/10/2020 10:40:25 | agreed |
| S5-205451 | 27/10/2020 10:40:44 | agreed |
| S5-205452 | 27/10/2020 10:40:55 | agreed |
| S5-205453 | 27/10/2020 10:41:06 | agreed |
| S5-205454 | 27/10/2020 10:41:29 | agreed |
| S5-205455 | 27/10/2020 10:46:19 | agreed |
| S5-205456 | 27/10/2020 10:46:39 | agreed |
| S5-205457 | 27/10/2020 10:46:55 | agreed |
| S5-205458 | 27/10/2020 10:47:38 | agreed |
| S5-205459 | 27/10/2020 10:47:58 | agreed |
| S5-205460 | 27/10/2020 10:48:35 | agreed |
| S5-205461 | 27/10/2020 10:50:22 | approved |
| S5-205462 | 27/10/2020 10:50:39 | approved |
| S5-205463 | 30/10/2020 15:37:36 | approved |
| S5-205464 | 30/10/2020 15:37:53 | approved |
| S5-205465 | 27/10/2020 10:52:32 | approved |
| S5-205466 | 27/10/2020 10:52:42 | approved |
| S5-205467 | 30/10/2020 15:38:05 | approved |
| S5-205468 | 27/10/2020 10:54:40 | agreed |
| S5-205469 | 27/10/2020 10:55:06 | approved |
| S5-205470 | 27/10/2020 10:55:17 | approved |
| S5-205471 | 27/10/2020 10:56:27 | approved |
| S5-205472 | 26/10/2020 16:37:12 | agreed |
| S5-205473 | 26/10/2020 16:37:27 | agreed |
| S5-205474 | 30/10/2020 15:42:04 | withdrawn |
| S5-205475 | 27/10/2020 09:56:10 | agreed |
| S5-205476 | 27/10/2020 09:56:25 | agreed |
| S5-205477 | 27/10/2020 09:56:36 | agreed |
| S5-205478 | 26/10/2020 16:30:11 | approved |
| S5-205478 | 26/10/2020 16:30:52 | noted |
| S5-205479 | 27/10/2020 10:38:36 | agreed |
| S5-205480 | 27/10/2020 10:33:30 | agreed |
| S5-205481 | 30/10/2020 15:42:06 | withdrawn |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S5-205025 | Add Area of service as the NS Performance and analytics charging attribute | China Telecomunication Corp. | 28.201 | 0001 | - | Rel-16 | B | 5GS\_NSPACH | not pursued |
| S5-205027 | Correction of the Category and Operation Types | China Telecomunication Corp. | 28.201 | 0002 | - | Rel-16 | F | 5GS\_NSPACH | revised |
| S5-205434 | Correction of the Category and Operation Types | China Telecomunication Corp. | 28.201 | 0002 | 1 | Rel-16 | F | 5GS\_NSPACH | agreed |
| S5-205028 | Correction of the stye of all table index from hyphen to dot | China Telecomunication Corp. | 28.201 | 0003 | - | Rel-16 | F | 5GS\_NSPACH | not pursued |
| S5-205040 | Rel-16 CR 28.201 Update description of Charging Enablement Function | China Mobile | 28.201 | 0004 | - | Rel-16 | F | 5GS\_NSPACH | agreed |
| S5-205041 | Rel-16 CR 28.201 Correction on Subscriber Identifier in Charging Data Request message | China Mobile | 28.201 | 0005 | - | Rel-16 | F | 5GS\_NSPACH | withdrawn |
| S5-205042 | Rel-16 CR 28.201 Correction on sender of Charging Data Response message | China Mobile | 28.201 | 0006 | - | Rel-16 | F | 5GS\_NSPACH | agreed |
| S5-205043 | Rel-16 CR 28.201 Correction on NSPA Container Information in Charging Data Request message | China Mobile | 28.201 | 0007 | - | Rel-16 | F | 5GS\_NSPACH | agreed |
| S5-205026 | Add Abbreviations NSM and remove Subscriber Identifier in CHF record data | China Telecomunication Corp. | 28.202 | 0001 | - | Rel-16 | F | 5GS\_NSMCH | revised |
| S5-205433 | Add Abbreviations NSM and remove Subscriber Identifier in CHF record data | China Telecomunication Corp. | 28.202 | 0001 | 1 | Rel-16 | F | 5GS\_NSMCH | agreed |
| S5-205029 | Change the Category of Invocation Sequence Number and Remove Subscriber Identifier from CHF record data | China Telecomunication Corp. | 28.202 | 0002 | - | Rel-16 | F | 5GS\_NSMCH | revised |
| S5-205435 | Change the Category of Invocation Sequence Number and Remove Subscriber Identifier from CHF record data | China Telecomunication Corp. | 28.202 | 0002 | 1 | Rel-16 | F | 5GS\_NSMCH | agreed |
| S5-205095 | R16 CR TS 28.313 add subclause reference for ranges of handover parameters | Huawei | 28.313 | 0001 | - | Rel-16 | F | SON\_5G | revised |
| S5-205379 | R16 CR TS 28.313 add subclause reference for ranges of handover parameters | Huawei | 28.313 | 0001 | 1 | Rel-16 | F | SON\_5G | agreed |
| S5-205096 | R16 CR TS 28.313 corrections on notification information of PCI configuration | Huawei | 28.313 | 0002 | - | Rel-16 | F | SON\_5G | revised |
| S5-205380 | R16 CR TS 28.313 corrections on notification information of PCI configuration | Huawei | 28.313 | 0002 | 1 | Rel-16 | F | SON\_5G | agreed |
| S5-205129 | Rel-16 CR 28.313 address the issues discovered by Edithelp | Intel Sweden AB | 28.313 | 0003 | - | Rel-16 | F | SON\_5G | withdrawn |
| S5-205130 | Rel-16 CR 28.313 address the issues discovered by Edithelp | Intel Corporation (UK) Ltd | 28.313 | 0004 | - | Rel-16 | F | SON\_5G | revised |
| S5-205378 | Rel-16 CR 28.313 address the issues discovered by Edithelp | Intel Corporation (UK) Ltd | 28.313 | 0004 | 1 | Rel-16 | F | SON\_5G | agreed |
| S5-205131 | Rel.16 CR 28.313 Fix the wrong references | Intel Corporation (UK) Ltd | 28.313 | 0005 | - | Rel-16 | F | SON\_5G | agreed |
| S5-205136 | Rel-16 CR 28.313 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | 28.313 | 0006 | - | Rel-16 | F | SON\_5G | agreed |
| S5-205141 | Rel-16 CR 28.313 Correct Distributed PCI optimization | Ericsson France S.A.S | 28.313 | 0007 | - | Rel-16 | F | SON\_5G | not pursued |
| S5-205217 | Adding Signalling Based Activation | Ericsson LM | 28.404 | 0003 | - | Rel-17 | C | eQoE | not pursued |
| S5-205200 | Rel-16 CR 28.530 Add missing definition of SLA and update definition of SLS | Huawei | 28.530 | 0030 | - | Rel-16 | F | MA5SLA | not pursued |
| S5-205250 | refine tenant information concept | Nokia, Nokia Shanghai Bell | 28.530 | 0031 | - | Rel-17 | F | eMEMTANE | revised |
| S5-205312 | refine tenant information concept | Nokia, Nokia Shanghai Bell | 28.530 | 0031 | 1 | Rel-17 | F | eMEMTANE | agreed |
| S5-205251 | add abbreviations | Nokia, Nokia Shanghai Bell | 28.530 | 0032 | - | Rel-16 | F | TEI16 | agreed |
| S5-205254 | decouple communication service and network slice | Nokia, Nokia Shanghai Bell | 28.530 | 0033 | - | Rel-17 | F | MA5SLA | revised |
| S5-205288 | decouple communication service and network slice | Nokia, Nokia Shanghai Bell | 28.530 | 0033 | 1 | Rel-17 | F | MA5SLA | agreed |
| S5-205255 | move service profile definition from 28531 | Nokia, Nokia Shanghai Bell | 28.530 | 0034 | - | Rel-17 | F | MA5SLA | revised |
| S5-205289 | move service profile definition from 28531 | Nokia, Nokia Shanghai Bell | 28.530 | 0034 | 1 | Rel-17 | F | MA5SLA | agreed |
| S5-205350 | CR Rel-16 28.530 Correction of missing Figure 4.1.7.1 Examples of network slice as NOP internals | Ericsson | 28.530 | 0035 | - | Rel-16 | F | TEI16 | agreed |
| S5-205256 | move service profile definition to 28530 | Nokia, Nokia Shanghai Bell | 28.531 | 0058 | - | Rel-17 | F | MA5SLA | revised |
| S5-205290 | move service profile definition to 28530 | Nokia, Nokia Shanghai Bell | 28.531 | 0058 | 1 | Rel-16 | F | MA5SLA | agreed |
| S5-205265 | Correction of allocateNsi operations and procedures | Ericsson LM | 28.531 | 0059 | - | Rel-16 | F | TEI16 | revised |
| S5-205372 | Correction of allocateNsi operations and procedures | Ericsson LM | 28.531 | 0059 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205101 | Rel-16 CR TS 28.532 Correction on generic file data report MnS | Huawei | 28.532 | 0148 | - | Rel-16 | F | TEI16 | revised |
| S5-205385 | Rel-16 CR TS 28.532 Correction on generic file data report MnS | Huawei | 28.532 | 0148 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205102 | Rel-16 CR TS 28.532 Update generic streaming MnS | Huawei | 28.532 | 0149 | - | Rel-16 | F | TEI16 | revised |
| S5-205386 | Rel-16 CR TS 28.532 Update generic streaming MnS | Huawei | 28.532 | 0149 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205156 | Rel-16 CR 28.532 Correct CR implementation errors (Fault MnS) | Nokia, Nokia Shanghai Bell | 28.532 | 0150 | - | Rel-16 | F | TEI16 | revised |
| S5-205381 | Rel-16 CR 28.532 Correct CR implementation errors (Fault MnS) | Nokia, Nokia Shanghai Bell | 28.532 | 0150 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205157 | Rel-16 CR 28.532 Extend object creation method with id selection by the MnS producer (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0151 | - | Rel-16 | F | TEI16 | not pursued |
| S5-205158 | Rel-16 CR 28.532 Correct ThresholdLevelInd (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0152 | - | Rel-16 | F | TEI16,REST\_SS | revised |
| S5-205388 | Rel-16 CR 28.532 Correct ThresholdLevelInd (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0152 | 1 | Rel-16 | F | TEI16,REST\_SS | agreed |
| S5-205187 | Rel-16 CR 28.532 Correct notifyThresholdCrossing (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0153 | - | Rel-16 | F | 5G\_SLICE\_ePA | agreed |
| S5-205188 | Rel-16 CR 28.532 Correct notifyThresholdCrossing (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0154 | - | Rel-16 | F | 5G\_SLICE\_ePA | revised |
| S5-205387 | Rel-16 CR 28.532 Correct notifyThresholdCrossing (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0154 | 1 | Rel-16 | F | 5G\_SLICE\_ePA | agreed |
| S5-205189 | Rel-16 CR 28.532 Correct notifyHeartbeat (stage 2, REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0155 | - | Rel-16 | F | TEI16 | revised |
| S5-205382 | Rel-16 CR 28.532 Correct notifyHeartbeat (stage 2, REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0155 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205193 | Rel-16 CR 28.532 Correct small errors in faultMnS.yaml (OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0156 | - | Rel-16 | F | TEI16,REST\_SS | agreed |
| S5-205266 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0157 | - | Rel-16 | F | TEI16 | revised |
| S5-205383 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0157 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205267 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (REST SS, OpenAPI definitions) | Nokia, Nokia Shanghai Bell | 28.532 | 0158 | - | Rel-16 | F | TEI16 | revised |
| S5-205384 | Rel-16 CR 28.532 Correct notifyChangedAlarmGeneral (REST SS, OpenAPI definitions) | Nokia, Nokia Shanghai Bell | 28.532 | 0158 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205269 | Rel-16 CR 28.532 Extend object creation method with id selection by the MnS producer (REST SS, OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.532 | 0159 | - | Rel-16 | F | TEI16 | not pursued |
| S5-205155 | Cleanup based on refined slice definition | Ericsson LM | 28.533 | 0073 | - | Rel-16 | F | TEI16 | revised |
| S5-205390 | Cleanup based on refined slice definition | Ericsson LM | 28.533 | 0073 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205252 | add abbreviations reference | Nokia, Nokia Shanghai Bell | 28.533 | 0074 | - | Rel-16 | F | TEI16 | agreed |
| S5-205240 | Update and make closed control loop term consistent | Ericsson LM, Deutsche Telekom, NEC | 28.535 | 0011 | - | Rel-16 | F | COSLA | agreed |
| S5-205270 | Rel-16 CR TS28.535 Corrections to clause 4.1 and 4.2.1 | NEC Europe Ltd; Ericsson | 28.535 | 0012 | - | Rel-16 | F | TEI16 | agreed |
| S5-205053 | Rel-16 CR 28.536 Update references to other specifications | Huawei | 28.536 | 0008 | - | Rel-16 | F | TEI16 | revised |
| S5-205399 | Rel-16 CR 28.536 Update references to other specifications | Huawei | 28.536 | 0008 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205054 | Rel-16 CR TS 28.536 Clarify predicted value of the AssuranceGoalStatus | Huawei | 28.536 | 0009 | - | Rel-16 | F | COSLA | revised |
| S5-205404 | Rel-16 CR TS 28.536 Clarify predicted value of the AssuranceGoalStatus | Huawei | 28.536 | 0009 | 1 | Rel-16 | F | COSLA | agreed |
| S5-205238 | Move and update content of clause 4.1.1 Overview to Annex | Ericsson LM, Deutsche Telekom, NEC | 28.536 | 0010 | - | Rel-16 | F | COSLA | revised |
| S5-205397 | Move and update content of clause 4.1.1 Overview to Annex | Ericsson LM, Deutsche Telekom, NEC | 28.536 | 0010 | 1 | Rel-16 | F | COSLA | agreed |
| S5-205241 | Update and make closed control loop term consistent | Ericsson LM, Deutsche Telekom, NEC | 28.536 | 0011 | - | Rel-16 | F | COSLA | agreed |
| S5-205244 | Implement Assurance Closed Loop model changes | Ericsson LM, Deutsche Telekom, NEC | 28.536 | 0012 | - | Rel-16 | F | COSLA | not pursued |
| S5-205197 | Add requirements of SLA management | China Mobile Com. Corporation | 28.540 | 0013 | - | Rel-17 | B | EMA5SLA | not pursued |
| S5-205108 | Rel-17 CR TS 28.541 Update NR NRM to support MOCN network sharing scenario | Huawei,China Telecom,CATT,China Unicom | 28.541 | 0328 | 1 | Rel-17 | B | adNRM | not pursued |
| S5-205038 | CR Rel-17 28.541 GST Configuration | Samsung Research America | 28.541 | 0373 | - | Rel-17 | C | EMA5SLA | not pursued |
| S5-205039 | CR Rel-17 28.541 ServiceProfle to SliceProfile Translation | Samsung, China Mobile, Telefonica, Huawei | 28.541 | 0374 | - | Rel-17 | C | EMA5SLA | not pursued |
| S5-205050 | Rel-17 CR 28.541 Add attributes of NRM IOC for NRF | Huawei | 28.541 | 0375 | - | Rel-17 | B | adNRM | not pursued |
| S5-205051 | Rel-17 CR 28.541 Add stage 3 NRM IOC for NRF | Huawei | 28.541 | 0376 | - | Rel-17 | B | adNRM | not pursued |
| S5-205063 | Correction of NRM YANG errors | Ericsson Hungary Ltd | 28.541 | 0377 | - | Rel-16 | F | eNRM | agreed |
| S5-205094 | R16 CR TS 28.541 add subclause reference of MRO related attribute | Huawei | 28.541 | 0378 | - | Rel-16 | F | SON\_5G | revised |
| S5-205373 | R16 CR TS 28.541 add subclause reference of MRO related attribute | Huawei | 28.541 | 0378 | 1 | Rel-16 | F | SON\_5G | agreed |
| S5-205105 | Rel-16 CR TS 28.541 Correct the definition for configurable5QI and dynamic5QI | Huawei | 28.541 | 0379 | - | Rel-16 | F | eNRM | agreed |
| S5-205106 | Rel-17 CR TS 28.541 Correct the definition for configurable5QI and dynamic5QI | Huawei | 28.541 | 0380 | - | Rel-17 | A | eNRM | agreed |
| S5-205137 | Rel-16 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | 28.541 | 0381 | - | Rel-16 | F | SON\_5G | revised |
| S5-205374 | Rel-16 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | 28.541 | 0381 | 1 | Rel-16 | F | SON\_5G | agreed |
| S5-205138 | Rel-17 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | 28.541 | 0382 | - | Rel-17 | F | SON\_5G | revised |
| S5-205375 | Rel-17 CR 28.541 Change RACH control attributes from beam to cell | Ericsson France S.A.S, Intel | 28.541 | 0382 | 1 | Rel-17 | F | SON\_5G | agreed |
| S5-205139 | Rel-16 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | 28.541 | 0383 | - | Rel-16 | F | SON\_5G | revised |
| S5-205376 | Rel-16 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | 28.541 | 0383 | 1 | Rel-16 | F | SON\_5G | agreed |
| S5-205140 | Rel-17 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | 28.541 | 0384 | - | Rel-17 | F | SON\_5G | revised |
| S5-205377 | Rel-17 CR 28.541 Move Distributed RACH control IOC from CU to DU | Ericsson France S.A.S | 28.541 | 0384 | 1 | Rel-17 | F | SON\_5G | agreed |
| S5-205142 | Rel-16 CR 28.541 Move Distributed PCI control IOC from DU to CU | Ericsson France S.A.S | 28.541 | 0385 | - | Rel-16 | F | SON\_5G | not pursued |
| S5-205143 | Rel-17 CR 28.541 Move Distributed PCI control IOC from DU to CU | Ericsson France S.A.S | 28.541 | 0386 | - | Rel-17 | F | SON\_5G | not pursued |
| S5-205146 | Rel-17 CR TS 28.541 Add NRPhysicalCellDU NRM to support network sharing | ZTE Wistron Telecom AB | 28.541 | 0387 | - | Rel-17 | B | adNRM | not pursued |
| S5-205153 | Rel-17 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | 28.541 | 0388 | - | Rel-17 | A | eNRM | revised |
| S5-205367 | Rel-17 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | 28.541 | 0388 | 1 | Rel-17 | A | eNRM | agreed |
| S5-205154 | Rel-16 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | 28.541 | 0389 | - | Rel-16 | F | eNRM | revised |
| S5-205368 | Rel-16 CR 28.541 Correction of cell neighbour relations related attributes in openAPI solution | Huawei | 28.541 | 0389 | 1 | Rel-16 | F | eNRM | agreed |
| S5-205205 | Rel-17 CR 28.541 NRM modelling of SliceProfile for RAN domain | Huawei | 28.541 | 0390 | - | Rel-17 | B | EMA5SLA | not pursued |
| S5-205207 | Rel-17 CR 28.541 Add positioning support in ServiceProfile | Huawei, China Mobile | 28.541 | 0391 | - | Rel-17 | B | EMA5SLA | not pursued |
| S5-205208 | Rel-17 CR 28.541 Add synchronicity support in ServiceProfile | Huawei, China Mobile | 28.541 | 0392 | - | Rel-17 | B | EMA5SLA | not pursued |
| S5-205218 | Correction of NRM YANG errors | Ericsson Hungary Ltd | 28.541 | 0393 | - | Rel-17 | A | eNRM | agreed |
| S5-205225 | Rel-16 CR TS 28.541 Correct Network slice NRM | CATT | 28.541 | 0394 | - | Rel-16 | F | eNRM | revised |
| S5-205369 | Rel-16 CR TS 28.541 Correct Network slice NRM | CATT | 28.541 | 0394 | 1 | Rel-16 | F | eNRM | agreed |
| S5-205228 | Rel-17 CR TS 28.541 Correct Network slice NRM | CATT | 28.541 | 0395 | - | Rel-17 | A | eNRM | revised |
| S5-205370 | Rel-17 CR TS 28.541 Correct Network slice NRM | CATT | 28.541 | 0395 | 1 | Rel-17 | A | eNRM | agreed |
| S5-205236 | Update sliceProfile considering different domains | China Mobile Com. Corporation | 28.541 | 0396 | - | Rel-17 | F | EMA5SLA | not pursued |
| S5-205239 | Update NR NRM to support MOCN network sharing scenario | Ericsson LM | 28.541 | 0397 | - | Rel-17 | B | adNRM | not pursued |
| S5-205253 | add containment relationship for network slice IOC | Nokia, Nokia Shanghai Bell | 28.541 | 0398 | - | Rel-16 | F | TEI16 | agreed |
| S5-205257 | fix description related to service profile | Nokia, Nokia Shanghai Bell | 28.541 | 0399 | - | Rel-17 | A | MA5SLA | revised |
| S5-205291 | fix description related to service profile | Nokia, Nokia Shanghai Bell | 28.541 | 0399 | 1 | Rel-17 | A | MA5SLA | agreed |
| S5-205260 | add containment relationship for network slice IOC stage 3 | Nokia Germany | 28.541 | 0400 | - | Rel-16 | F | TEI16 | agreed |
| S5-205261 | Correction of network slice NRM | Ericsson LM | 28.541 | 0401 | - | Rel-16 | F | eNRM | not pursued |
| S5-205262 | Correction of network slice NRM | Ericsson LM | 28.541 | 0402 | - | Rel-17 | A | eNRM | not pursued |
| S5-205263 | Stage3 Correction of network slice NRM | Ericsson LM | 28.541 | 0403 | - | Rel-16 | F | eNRM | not pursued |
| S5-205264 | Stage 3 Correction of network slice NRM | Ericsson LM | 28.541 | 0404 | - | Rel-17 | A | eNRM | not pursued |
| S5-205351 | add containment relationship for network slice IOC | Nokia | 28.541 | 0405 | - | Rel-17 | A | TEI16 | agreed |
| S5-205352 | add containment relationship for network slice IOC stage 3 | Nokia | 28.541 | 0406 | - | Rel-17 | A | TEI16 | agreed |
| S5-205353 | R17 CR TS 28.541 add subclause reference of MRO related attribute | Huawei | 28.541 | 0407 | - | Rel-17 | A | SON\_5G | agreed |
| S5-205276 | fix description related to service profile | Nokia | 28.541 | 0408 | - | Rel-16 | F | MA5LA | agreed |
| S5-205235 | Clarification on emission of threshold crossing notifications for non-cumulative counters | Ericsson LM | 28.550 | 0064 | - | Rel-16 | F | eNRM | agreed |
| S5-205044 | Add to A.28 new part related to interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) monitoring. | Nokia Solutions & Networks (I) | 28.552 | 0266 | - | Rel-17 | F | ePM\_KPI\_5G | revised |
| S5-205309 | Add to A.28 new part related to interruption time interval for 5QI 1 QoS Flow released due to double NG (double UE context) monitoring. | Nokia Solutions & Networks (I) | 28.552 | 0266 | 1 | Rel-17 | F | ePM\_KPI\_5G | agreed |
| S5-205116 | Rel-17 CR 28.552 Add measurements on AF traffic influence | Intel Sweden AB | 28.552 | 0267 | - | Rel-17 | B | ePM\_KPI\_5G | not pursued |
| S5-205117 | Rel-17 CR 28.552 Add measurements on external parameter provisioning | Intel Sweden AB | 28.552 | 0268 | - | Rel-17 | B | ePM\_KPI\_5G | not pursued |
| S5-205118 | Rel-17 CR 28.552 Add measurements on NIDD configuration | Intel Sweden AB | 28.552 | 0269 | - | Rel-17 | B | ePM\_KPI\_5G | not pursued |
| S5-205119 | Rel-17 CR 28.552 Add measurements on NIDD service | Intel Sweden AB | 28.552 | 0270 | - | Rel-17 | B | ePM\_KPI\_5G | not pursued |
| S5-205147 | R17 CR TS28.552 Add Intra and Inter-frequency Handover related measurements | ZTE Wistron Telecom AB | 28.552 | 0271 | - | Rel-17 | B | ePM\_KPI\_5G | not pursued |
| S5-205148 | R17 CR TS28.552 Add handover triggering measurements | ZTE Wistron Telecom AB | 28.552 | 0272 | - | Rel-17 | B | ePM\_KPI\_5G | not pursued |
| S5-205047 | Rel-15 CR 28.554 Correct UDM e2e KPI | Huawei | 28.554 | 0059 | - | Rel-15 | F | NETSLICE-ADPM5G | revised |
| S5-205360 | Rel-15 CR 28.554 Correct UDM e2e KPI | Huawei | 28.554 | 0059 | 1 | Rel-15 | F | NETSLICE-ADPM5G | agreed |
| S5-205048 | Rel-16 CR 28.554 Correct UDM e2e KPI | Huawei | 28.554 | 0060 | - | Rel-16 | A | NETSLICE-ADPM5G | revised |
| S5-205361 | Rel-16 CR 28.554 Correct UDM e2e KPI | Huawei | 28.554 | 0060 | 1 | Rel-16 | A | NETSLICE-ADPM5G | agreed |
| S5-205049 | Rel-17 CR 28.554 Correct UDM e2e KPI | Huawei | 28.554 | 0061 | - | Rel-17 | A | NETSLICE-ADPM5G | revised |
| S5-205362 | Rel-17 CR 28.554 Correct UDM e2e KPI | Huawei | 28.554 | 0061 | 1 | Rel-17 | A | NETSLICE-ADPM5G | agreed |
| S5-205055 | Rel-16 CR TS 28.554 Fix the formula for upstream throughout | Huawei | 28.554 | 0062 | - | Rel-16 | F | 5G\_SLICE\_ePA | not pursued |
| S5-205056 | Rel-17 CR TS 28.554 Fix the formula for upstream throughout | Huawei | 28.554 | 0063 | - | Rel-17 | A | 5G\_SLICE\_ePA | not pursued |
| S5-205151 | Rel-17 CR 28.554 Editorial Correction of TS 28.554 | Huawei | 28.554 | 0064 | - | Rel-17 | A | 5G\_SLICE\_ePA-KPI | revised |
| S5-205363 | Rel-17 CR 28.554 Editorial Correction of TS 28.554 | Huawei.ORANGE | 28.554 | 0064 | 1 | Rel-17 | A | 5G\_SLICE\_ePA-KPI | agreed |
| S5-205152 | Rel-16 CR 28.554 Editorial Correction of TS 28.554 | Huawei | 28.554 | 0065 | - | Rel-16 | F | 5G\_SLICE\_ePA-KPI | revised |
| S5-205364 | Rel-16 CR 28.554 Editorial Correction of TS 28.554 | Huawei,ORANGE | 28.554 | 0065 | 1 | Rel-16 | F | 5G\_SLICE\_ePA-KPI | agreed |
| S5-205098 | Add new MDT specific parameter collection period for NR aligning with 32.422 | Ericsson LM | 28.622 | 0089 | - | Rel-16 | F | 5GMDT | revised |
| S5-205300 | Add new MDT specific parameter collection period for NR aligning with 32.422 | Ericsson LM | 28.622 | 0089 | 1 | Rel-16 | F | 5GMDT | agreed |
| S5-205190 | Rel-16 CR 28.622 Remove thresholdLevel attribute from ThresholdMonitor (stage 2) | Nokia, Nokia Shanghai Bell | 28.622 | 0090 | - | Rel-16 | F | eNRM | revised |
| S5-205389 | Rel-16 CR 28.622 Remove thresholdLevel attribute from ThresholdMonitor (stage 2) | Nokia, Nokia Shanghai Bell | 28.622 | 0090 | 1 | Rel-16 | F | eNRM | agreed |
| S5-205246 | Remove attribute perfMetricJobGroupId | Ericsson LM | 28.622 | 0091 | - | Rel-16 | F | eNRM | revised |
| S5-205391 | Remove attribute perfMetricJobGroupId | Ericsson LM | 28.622 | 0091 | 1 | Rel-17 | F | eNRM | agreed |
| S5-205258 | Remove value handling from the granularityPeriod description. | Ericsson LM | 28.622 | 0092 | - | Rel-16 | F | eNRM | agreed |
| S5-205061 | Correction of NRM YANG errors | Ericsson Hungary Ltd | 28.623 | 0108 | - | Rel-16 | F | eNRM | agreed |
| S5-205099 | Add new MDT specific parameter collection period for NR aligning with 28.622 for stage 3 | Ericsson LM | 28.623 | 0109 | - | Rel-16 | F | 5GMDT | revised |
| S5-205301 | Add new MDT specific parameter collection period for NR aligning with 28.622 for stage 3 | Ericsson LM | 28.623 | 0109 | 1 | Rel-16 | F | 5GMDT | agreed |
| S5-205191 | Rel-16 CR 28.623 Remove thresholdLevel attribute from ThresholdMonitor (OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.623 | 0110 | - | Rel-16 | F | eNRM | agreed |
| S5-205195 | Rel-16 CR 28.623 Correct and add types in comDefs.yaml (OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.623 | 0111 | - | Rel-16 | F | TEI16,REST\_SS | revised |
| S5-205393 | Rel-16 CR 28.623 Correct and add types in comDefs.yaml (OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.623 | 0111 | 1 | Rel-16 | F | TEI16,REST\_SS | agreed |
| S5-205243 | Rel-16 CR 28.623 Use comDefs.yaml instead of local definitions in genericNrm.yaml (OpenAPI definition) | Nokia, Nokia Shanhai Bell | 28.623 | 0112 | - | Rel-16 | F | TEI16,REST\_SS | revised |
| S5-205394 | Rel-16 CR 28.623 Use comDefs.yaml instead of local definitions in genericNrm.yaml (OpenAPI definition) | Nokia, Nokia Shanhai Bell | 28.623 | 0112 | 1 | Rel-17 | F | TEI16,REST\_SS | agreed |
| S5-205247 | Remove attribute perfMetricJobGroupId | Ericsson LM | 28.623 | 0113 | - | Rel-16 | F | eNRM | revised |
| S5-205392 | Remove attribute perfMetricJobGroupId | Ericsson LM | 28.623 | 0113 | 1 | Rel-16 | F | eNRM | agreed |
| S5-205259 | Remove value handling from the granularityPeriod description. | Ericsson LM | 28.623 | 0114 | - | Rel-16 | F | eNRM | agreed |
| S5-205103 | Rel-15 CR TS 28.658 Add missing inheritance diagram for EUtranFrequency and EUtranFreqRelation | Huawei | 28.658 | 0053 | - | Rel-15 | F | NETSLICE-5GNRM | agreed |
| S5-205104 | Rel-16 CR TS 28.658 Add missing inheritance diagram for EUtranFrequency and EUtranFreqRelation | Huawei | 28.658 | 0054 | - | Rel-16 | A | NETSLICE-5GNRM | agreed |
| S5-205231 | Import prefix rule for YANG | Ericsson Hungary Ltd | 32.160 | 0010 | - | Rel-17 | B | TEI17 | revised |
| S5-205396 | Import prefix rule for YANG | Ericsson Hungary Ltd | 32.160 | 0010 | 1 | Rel-17 | B | TEI17 | agreed |
| S5-205031 | Rel-16 CR 32.255 Correction of Charing Id in roaming HR scenario upon V-SMF change | China Mobile Com. Corporation | 32.255 | 0248 | - | Rel-16 | F | ETSUN | agreed |
| S5-205064 | Rel-16 CR 32.255 Add multi-homed PDU address in CDR for IPv6 multi-homing | Huawei | 32.255 | 0249 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205437 | Rel-16 CR 32.255 Add multi-homed PDU address in CDR for IPv6 multi-homing | Huawei | 32.255 | 0249 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | agreed |
| S5-205074 | Rel-16 CR 32.255 Add QNC subscription | Huawei | 32.255 | 0250 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205439 | Rel-16 CR 32.255 Add QNC subscription | Huawei | 32.255 | 0250 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | agreed |
| S5-205076 | Rel-16 CR 32.255 Support the QoS assurance | Huawei | 32.255 | 0251 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-205078 | Rel-16 CR 32.255 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.255 | 0252 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205441 | Rel-16 CR 32.255 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.255 | 0252 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | agreed |
| S5-205083 | Rel-16 CR 32.255 Add URLLC Charging Architecture | Huawei | 32.255 | 0253 | - | Rel-17 | B | 5G\_URLLC | not pursued |
| S5-205084 | Rel-16 CR 32.255 Add URLLC Charging Requirement | Huawei | 32.255 | 0254 | - | Rel-17 | B | 5G\_URLLC | revised |
| S5-205426 | Rel-17 CR 32.255 Add URLLC Charging Requirement | Huawei | 32.255 | 0254 | 1 | Rel-17 | B | 5G\_URLLC | agreed |
| S5-205085 | Rel-17 CR 32.255 Add Highly reliable URLLC services Charging | Huawei | 32.255 | 0255 | - | Rel-17 | B | 5G\_URLLC | revised |
| S5-205427 | Rel-17 CR 32.255 Add Highly reliable URLLC services Charging | Huawei | 32.255 | 0255 | 1 | Rel-17 | B | 5G\_URLLC | agreed |
| S5-205180 | Rel-16 CR 32.255 Correcting UPF addition trigger | Ericsson | 32.255 | 0256 | - | Rel-16 | F | TEI16 | revised |
| S5-205459 | Rel-16 CR 32.255 Correcting UPF addition trigger | Ericsson | 32.255 | 0256 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205182 | Rel-17 CR 32.260 Update of IMS nodes supporting Nchf | Ericsson | 32.260 | 0404 | - | Rel-17 | B | 5GSIMSCH | revised |
| S5-205424 | Rel-17 CR 32.260 Update of IMS nodes supporting Nchf | Ericsson | 32.260 | 0404 | 1 | Rel-17 | B | 5GSIMSCH | agreed |
| S5-205183 | Rel-17 CR 32.260 Adding data description for IMS converged charging | Ericsson | 32.260 | 0405 | - | Rel-17 | B | 5GSIMSCH | revised |
| S5-205425 | Rel-17 CR 32.260 Adding data description for IMS converged charging | Ericsson | 32.260 | 0405 | 1 | Rel-17 | B | 5GSIMSCH | agreed |
| S5-205184 | Rel-17 CR 32.260 Definition of the IMS converged charging information | Ericsson | 32.260 | 0406 | - | Rel-17 | B | 5GSIMSCH | not pursued |
| S5-205122 | Rel-16 CR 32.274 Correction on Triggers field for converged charging | Nokia, Nokia Shanghai Bell | 32.274 | 0077 | - | Rel-16 | F | 5GS\_Ph1-SMSCH, TEI16 | agreed |
| S5-205165 | Rel-16 CR 32.274 Correction of roamer in out from SMSF | Ericsson | 32.274 | 0078 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | not pursued |
| S5-205168 | Rel-16 CR 32.274 Correction of flows for IEC, ECUR and PEC | Ericsson | 32.274 | 0079 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | revised |
| S5-205458 | Rel-16 CR 32.274 Correction of flows for IEC, ECUR and PEC | Ericsson | 32.274 | 0079 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | agreed |
| S5-205067 | Rel-16 CR TS 32.290 Add SCP interaction | Huawei | 32.290 | 0131 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | not pursued |
| S5-205082 | Rel-16 CR 32.290 Fialue handing for InvocationSequemceNumber | Huawei | 32.290 | 0132 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | revised |
| S5-205445 | Rel-16 CR 32.290 Fialue handing for InvocationSequemceNumber | Huawei | 32.290 | 0132 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205088 | Rel-16 CR 32.290 Add the charging control for non-blocking charging | Huawei | 32.290 | 0133 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | not pursued |
| S5-205123 | Rel-16 CR 32.290 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | 32.290 | 0134 | - | Rel-16 | F | TEI16 | agreed |
| S5-205159 | Rel-16 CR 32.290 Correcting trigger of usage reporting | Ericsson | 32.290 | 0135 | - | Rel-16 | F | TEI16 | revised |
| S5-205432 | Rel-16 CR 32.290 Correcting trigger of usage reporting | Ericsson | 32.290 | 0135 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205169 | Rel-15 CR 32.290 Correcting duplicate detection using charging id | Ericsson | 32.290 | 0136 | - | Rel-15 | F | TEI15 | revised |
| S5-205472 | Rel-15 CR 32.290 Correcting duplicate detection using charging id | Ericsson | 32.290 | 0136 | 1 | Rel-15 | F | TEI15 | agreed |
| S5-205170 | Rel-16 CR 32.290 Correcting duplicate detection using charging id | Ericsson | 32.290 | 0137 | - | Rel-16 | A | TEI15 | revised |
| S5-205473 | Rel-16 CR 32.290 Correcting duplicate detection using charging id | Ericsson | 32.290 | 0137 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-205213 | Rel-16 CR 32.290 Correction on quota managed scenario | Matrixx | 32.290 | 0138 | - | Rel-16 | F | CHFCQM | agreed |
| S5-205032 | Rel-15 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | 32.291 | 0270 | - | Rel-15 | F | 5GS\_Ph1-SBI\_CH | revised |
| S5-205428 | Rel-15 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | 32.291 | 0270 | 1 | Rel-15 | F | 5GS\_Ph1-SBI\_CH | agreed |
| S5-205033 | Rel-16 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | 32.291 | 0271 | - | Rel-16 | A | 5GS\_Ph1-SBI\_CH | revised |
| S5-205429 | Rel-16 CR 32.291 Correction of TriggerType | China Mobile Com. Corporation | 32.291 | 0271 | 1 | Rel-16 | A | 5GS\_Ph1-SBI\_CH | agreed |
| S5-205065 | Rel-16 CR 32.291 Add multi-homed PDU address for IPv6 multi-homing | Huawei | 32.291 | 0272 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205068 | Rel-15 CR TS 32.291 Change map data type for presence area information | Huawei | 32.291 | 0273 | - | Rel-15 | F | 5GS\_Ph1-SBI\_CH | not pursued |
| S5-205069 | Rel-16 CR TS 32.291 Change map data type for presence area information | Huawei | 32.291 | 0274 | - | Rel-16 | F | 5GS\_Ph1-SBI\_CH | not pursued |
| S5-205075 | Rel-16 CR 32.291 Add QNC subscription | Huawei | 32.291 | 0275 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | revised |
| S5-205440 | Rel-16 CR 32.291 Add QNC subscription | Huawei | 32.291 | 0275 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205077 | Rel-16 CR 32.291 Support the QoS assurance | Huawei | 32.291 | 0276 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | not pursued |
| S5-205079 | Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.291 | 0277 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | revised |
| S5-205442 | Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.291 | 0277 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | revised |
| S5-205480 | Rel-16 CR 32.291 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.291 | 0277 | 2 | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205081 | Rel-16 CR 32.291 Correct the InvocationSequenceNumber | Huawei | 32.291 | 0278 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | revised |
| S5-205444 | Rel-16 CR 32.291 Correct the InvocationSequenceNumber | Huawei | 32.291 | 0278 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205087 | Rel-16 CR 32.291 Add the charging control for non-blocking charging | Huawei | 32.291 | 0279 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | not pursued |
| S5-205089 | Rel-16 CR 32.291 Correct the Bindings for 5G data connectivity | Huawei | 32.291 | 0280 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205091 | Rel-16 CR 32.291 Correct the Open API | Huawei | 32.291 | 0281 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | revised |
| S5-205447 | Rel-16 CR 32.291 Correct the Open API | Huawei | 32.291 | 0281 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-SBI\_CH | agreed |
| S5-205124 | Rel-16 CR 32.291 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | 32.291 | 0282 | - | Rel-16 | F | TEI16 | revised |
| S5-205448 | Rel-16 CR 32.291 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | 32.291 | 0282 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-205126 | Rel-16 CR 32.291 Correction on imported data type references | Nokia, Nokia Shanghai Bell | 32.291 | 0283 | - | Rel-16 | F | 5GS\_NSMCH | revised |
| S5-205449 | Rel-16 CR 32.291 Correction on imported data type references | Nokia, Nokia Shanghai Bell | 32.291 | 0283 | 1 | Rel-16 | F | 5GS\_NSMCH | agreed |
| S5-205171 | Rel-15 CR 32.291 Correcting charging id availability for all NF | Ericsson | 32.291 | 0284 | - | Rel-15 | F | TEI15 | agreed |
| S5-205172 | Rel-16 CR 32.291 Correcting charging id availability for all NF | Ericsson | 32.291 | 0285 | - | Rel-16 | A | TEI15 | revised |
| S5-205475 | Rel-16 CR 32.291 Correcting charging id availability for all NF | Ericsson | 32.291 | 0285 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-205177 | Rel-15 CR 32.291 Correcting SMS message types | Ericsson | 32.291 | 0286 | - | Rel-15 | F | 5GS\_Ph1-SMSCH | revised |
| S5-205456 | Rel-15 CR 32.291 Correcting SMS message types | Ericsson | 32.291 | 0286 | 1 | Rel-15 | F | 5GS\_Ph1-SMSCH | agreed |
| S5-205178 | Rel-16 CR 32.291 Correcting SMS message types | Ericsson | 32.291 | 0287 | - | Rel-16 | A | 5GS\_Ph1-SMSCH | revised |
| S5-205457 | Rel-16 CR 32.291 Correcting SMS message types | Ericsson | 32.291 | 0287 | 1 | Rel-16 | A | 5GS\_Ph1-SMSCH | agreed |
| S5-205179 | Rel-16 CR 32.291 Correcting binding of event time stamp in SMS | Ericsson | 32.291 | 0288 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | agreed |
| S5-205422 | Rel-16 CR 32.291 Correction of roamer in out from SMSF | Ericsson | 32.291 | 0289 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | agreed |
| S5-205066 | Rel-16 CR 32.298 Add multi-homed PDU address for IPv6 multi-homing | Huawei | 32.298 | 0829 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205438 | Rel-16 CR 32.298 Add multi-homed PDU address for IPv6 multi-homing | Huawei | 32.298 | 0829 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | agreed |
| S5-205080 | Rel-16 CR 32.298 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.298 | 0830 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205443 | Rel-16 CR 32.298 Add the enhanced Diagnostics for 5G Charging | Huawei | 32.298 | 0830 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | agreed |
| S5-205090 | Rel-16 CR 32.298 Correct the NSPA Charging Information | Huawei | 32.298 | 0831 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205446 | Rel-16 CR 32.298 Correct the NSPA Charging Information | Huawei | 32.298 | 0831 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | revised |
| S5-205479 | Rel-16 CR 32.298 Correct the NSPA Charging Information | Huawei | 32.298 | 0831 | 2 | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | agreed |
| S5-205125 | Rel-16 CR 32.298 Correction on missing NEF and PGW-C+SMF as NF consumers | Nokia, Nokia Shanghai Bell | 32.298 | 0832 | - | Rel-16 | F | TEI16 | agreed |
| S5-205127 | Rel-16 CR 32.298 Correction on User Equipment Info field format | Nokia, Nokia Shanghai Bell | 32.298 | 0833 | - | Rel-16 | F | 5WWC | agreed |
| S5-205128 | Rel-16 CR 32.298 Correction on User Identifier field format | Nokia, Nokia Shanghai Bell | 32.298 | 0834 | - | Rel-16 | F | 5WWC | revised |
| S5-205460 | Rel-16 CR 32.298 Correction on User Identifier field format | Nokia, Nokia Shanghai Bell, Ericsson | 32.298 | 0834 | 1 | Rel-16 | F | 5WWC | agreed |
| S5-205160 | Rel-15 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | 32.298 | 0835 | - | Rel-15 | F | 5GS\_Ph1-SMSCH | revised |
| S5-205450 | Rel-15 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | 32.298 | 0835 | 1 | Rel-15 | F | 5GS\_Ph1-SMSCH | agreed |
| S5-205161 | Rel-16 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | 32.298 | 0836 | - | Rel-16 | A | 5GS\_Ph1-SMSCH | revised |
| S5-205451 | Rel-16 CR 32.298 Correction of SMS node address in CHF CDR | Ericsson | 32.298 | 0836 | 1 | Rel-16 | A | 5GS\_Ph1-SMSCH | agreed |
| S5-205162 | Rel-15 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | 32.298 | 0837 | - | Rel-15 | F | 5GS\_Ph1-SMSCH | revised |
| S5-205452 | Rel-15 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | 32.298 | 0837 | 1 | Rel-15 | F | 5GS\_Ph1-SMSCH | agreed |
| S5-205163 | Rel-16 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | 32.298 | 0838 | - | Rel-16 | A | 5GS\_Ph1-SMSCH | revised |
| S5-205453 | Rel-16 CR 32.298 Correction of mandatory SMS message reference in CHF CDR | Ericsson | 32.298 | 0838 | 1 | Rel-16 | A | 5GS\_Ph1-SMSCH | agreed |
| S5-205164 | Rel-16 CR 32.298 Correction of SMS message class in CHF CDR | Ericsson | 32.298 | 0839 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | agreed |
| S5-205166 | Rel-15 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | 32.298 | 0840 | - | Rel-15 | F | 5GS\_Ph1-SMSCH | revised |
| S5-205454 | Rel-15 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | 32.298 | 0840 | 1 | Rel-15 | F | 5GS\_Ph1-SMSCH | agreed |
| S5-205167 | Rel-16 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | 32.298 | 0841 | - | Rel-16 | A | 5GS\_Ph1-SMSCH | revised |
| S5-205455 | Rel-16 CR 32.298 Correction of SMS originator and recipient info in CHF CDR | Ericsson | 32.298 | 0841 | 1 | Rel-16 | A | 5GS\_Ph1-SMSCH | agreed |
| S5-205173 | Rel-15 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | 32.298 | 0842 | - | Rel-15 | F | TEI15 | revised |
| S5-205476 | Rel-15 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | 32.298 | 0842 | 1 | Rel-15 | F | TEI15 | agreed |
| S5-205174 | Rel-16 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | 32.298 | 0843 | - | Rel-16 | A | TEI15 | revised |
| S5-205477 | Rel-16 CR 32.298 Correcting charging id availability for all NF in CHF CDR | Ericsson | 32.298 | 0843 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-205175 | Rel-15 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | 32.298 | 0844 | - | Rel-15 | F | TEI15 | revised |
| S5-205430 | Rel-15 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | 32.298 | 0844 | 1 | Rel-15 | F | TEI15 | agreed |
| S5-205176 | Rel-16 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | 32.298 | 0845 | - | Rel-16 | A | TEI15 | revised |
| S5-205431 | Rel-16 CR 32.298 Correcting triggers as optional in CHF CDR | Ericsson | 32.298 | 0845 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-205181 | Rel-16 CR 32.298 Correcting involved party definition in CHF CDR | Ericsson | 32.298 | 0846 | - | Rel-16 | F | TEI16 | merged |
| S5-205423 | Rel-16 CR 32.298 Correction of roamer in out from SMSF | Ericsson | 32.298 | 0847 | - | Rel-16 | F | TEI16, 5GS\_Ph1-SMSCH | agreed |
| S5-205057 | Rel-16 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | 32.422 | 0347 | - | Rel-16 | F | 5GMDT | revised |
| S5-205365 | Rel-16 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | 32.422 | 0347 | 1 | Rel-16 | F | 5GMDT | agreed |
| S5-205058 | Rel-17 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | 32.422 | 0348 | - | Rel-17 | A | 5GMDT | revised |
| S5-205366 | Rel-17 CR TS 32.422 Clarification of tracing roaming UE for 5GC | Huawei | 32.422 | 0348 | 1 | Rel-17 | A | 5GMDT | agreed |
| S5-205093 | Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | 32.422 | 0349 | - | Rel-16 | F | 5GMDT | revised |
| S5-205298 | Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | 32.422 | 0349 | 1 | Rel-16 | F | 5GMDT | agreed |
| S5-205097 | Rel-17 Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | 32.422 | 0350 | - | Rel-17 | A | 5GMDT | revised |
| S5-205299 | Rel-17 Add additional information for MDT specific parameters in NR aligning with RAN TSs | Ericsson LM | 32.422 | 0350 | 1 | Rel-17 | A | 5GMDT | agreed |
| S5-205110 | Rel-16 CR 32.422 Fix inconsistencies in NR positioning method | Nokia | 32.422 | 0351 | - | Rel-16 | F | 5GMDT | agreed |
| S5-205111 | Rel-17 CR 32.422 Fix inconsistencies in NR positioning method | Nokia | 32.422 | 0352 | - | Rel-17 | A | 5GMDT | agreed |
| S5-205059 | Correct streaming trace record concept figure | Ericsson LM | 32.423 | 0117 | - | Rel-16 | F | OAM\_RTT | agreed |
| S5-205245 | Rel-16 CR 32.423 Fix inconsistencies in NR positioning method | Nokia | 32.423 | 0118 | - | Rel-16 | F | 5GMDT | agreed |
| S5-205046 | Add new MDT requirements for E-UTRAN | Ericsson LM | 32.441 | 0020 | - | Rel-17 | B | e\_5GMDT | not pursued |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S5-205012 |  | LS ccSA5 on support of stateless NFs | C3-204386 | noted | (none) |
| S5-205013 |  | LS to SA5 on TM Forum implementation experiences 3GPP NRM Models | TM Forum | replied to | S5-205348 |
| S5-205014 |  | Resubmitted LS Out to SA2 and SA5 on making PSCELL ID available at the SGW of EPC | ETSI TC LI | noted | (none) |
| S5-205015 |  | LS to SA5 for End-to-End Network Slicing Gap analysis | GSMA NEST | noted | (none) |
| S5-205016 |  | Reply LS to SA5 on the clarification of handover and reselection parameters | R3-205542 | noted | (none) |
| S5-205017 |  | Reply LS to SA5 on energy efficiency | R3-205657 | replied to | S5-205357 |
| S5-205018 |  | LS ccSA5 on New service type of NR QoE | R3-205724 | noted | (none) |
| S5-205019 |  | LS to SA5 on URI for streaming trace reporting in LTE | R3-205798 | replied to | S5-205356 |
| S5-205020 |  | Reply LS to SA5 on QoS requirements for OAM traffic on IAB | S2-2006489 | noted | (none) |
| S5-205021 |  | Resubmitted Reply LS to SA5 on QoE Measurement Collection | R2-2005778 | replied to | S5-205347 |
| S5-205022 |  | Resubmitted LS to SA5 on QoE Measurement Collection | S4-200962 | replied to | S5-205347 |
| S5-205023 |  | Resubmitted LS to SA5 on O-RAN – 3GPP Cooperation on Management Services | O-RAN | postponed | (none) |
| S5-205024 |  | LS to SA5 on Rel-17 schedule | 3GPP TSG SA | noted | (none) |
| S5-205045 |  | LS to SA5 on Introduction of TM Forum Autonomous Network project and Coordination Proposal | TM Forum | noted | (none) |
| S5-205271 |  | LS on Counter of UEs Registering Network Slice | C4-204421 | postponed | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S5-205318 | LS on energySaving state information exposure | SA2 | - | - |
| S5-205321 | LS to SA6 on the relation between EDGEAPP and ETSI MEC architectures | SA6 | ETSI MEC |  |
| S5-205347 | Reply to: Resubmitted Reply LS to SA5 on QoE Measurement Collection | RAN2,RAN3,SA4 | SA,RAN | S5-205021,S5-205022 |
| S5-205348 | Reply to: LS to SA5 on TM Forum implementation experiences 3GPP NRM Models | TM Forum | SA | S5-205013 |
| S5-205356 | Reply LS on URI for streaming trace reporting in LTE | RAN3 | - | S5-205019 |
| S5-205357 | Reply to: Reply LS to SA5 on energy efficiency | RAN3 | RAN2,SA | S5-205017 |
| S5-205436 | LS on Network Slice PA Charging per maximum utilized bandwidth | SA2 | - | - |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S5-205468 | Revised SID on charging aspects of Proximity-based Services in 5GC | CATT | SID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| S5-205030 | 28.816 | 0.0.0 | Add initial skeleton |
| S5-205120 | 32.846 | 0.0.0 | draft TS 32846-000 |
| S5-205272 | 28.557 | 0.2.0 | Draft TR 28.557 |
| S5-205273 | 28.808 | 0.7.0 | Draft TR 28.808 |
| S5-205274 | 28.813 | 0.3.0 | draft TR 28.813 |
| S5-205275 | 28.814 | 0.2.0 | Draft TR 28.814 |
| S5-205464 | 28.815 | 0.2.0 | Draft TR 28.815 |
| S5-205467 | 28.816 | 0.1.0 | Draft TR 28.816 |
| S5-205471 | 32.846 | 0.1.0 | Draft TR 32.846 |

## Annex F: List of participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TITLE | Family Name | Given Name | Employer Organization | Organization Represented |
| Dr. | Al-kanani | Hassan | NEC Europe Ltd | NEC Europe Ltd |
| Mr. | Andrianov | Anatoly | Nokia Germany | Nokia |
| Mrs. | Ayani | Zhulia | Ericsson LM | Oy LM Ericsson AB |
| Mr. | Braam | Sjors | TNO | KPN N.V. |
| Mr. | Cano Soveri | Mirko | ETSI | ETSI |
| Mr. | Cao | Xi | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Dr. | Chen | Ai | China Mobile Com. Corporation | China Mobile E-Commerce Co. |
| Ms. | Chen | Na | China Telecommunications | China Telecomunication Corp. |
| Miss | CHEN | SHAN | Huawei Tech.(UK) Co., Ltd | HiSilicon Technologies Co. Ltd |
| Miss | Chen | Xiumin | China Telecommunications | China Telecomunication Corp. |
| Dr. | Choi | Taesang | ETRI | ETRI |
| Mr. | Chou | Joey | Intel Corporation (UK) Ltd | Intel Corporation (UK) Ltd |
| Dr. | Cornily | Jean Michel | Orange | Orange Spain |
| Miss | Dong | Jia | China Mobile E-Commerce Co. | China Mobile Com. Corporation |
| Mr. | Drijver | Floris | TNO | TNO |
| Mr. | Elmdahl | Per | Ericsson France S.A.S | Ericsson France S.A.S |
| Dr. | Featherstone | Walter | Samsung R&D Institute UK | Samsung Electronics Co., Ltd |
| Mr. | Gao | Xiao-Ming | Ericsson LM | Ericsson LM |
| Mrs. | Gardella | Maryse | Nokia France | Nokia UK |
| Mr. | Gautam | Deepanshu | Samsung R&D Institute UK | Samsung Research America |
| Mr. | Glozman | Borislav | Amdocs Software Systems Ltd | Amdocs Software Systems Ltd |
| Mr. | Görmer | Gerald | Matrixx | Matrixx |
| Mr. | Groenendijk | Jan | Ericsson LM | Ericsson LM |
| Miss | Guo | Chuyi | China Mobile Research Inst. | China Mobile Com. Corporation |
| Mr. | Gupta | Nishant | Samsung Electronics Co., Ltd | SAMSUNG R&D INSTITUTE JAPAN |
| Mr. | Gupta | Varini | Samsung R&D Institute India | Samsung Guangzhou Mobile R&D |
| Mr. | Harmatos | János | Ericsson LM | Ericsson LM |
| Mr. | Harper | Colby | Pivotal Commware | Pivotal Commware |
| Mr. | Hassett | Brendan | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Technologies Sweden AB |
| Miss | Hu | Yushuang | China Mobile Research Inst. | China Mobile (Hangzhou) Inf. |
| Mr. | Jan | Onnegren | Ericsson LM | Ericsson LM |
| Mr. | Jerbi | Walid | Deutsche Telekom AG | Deutsche Telekom AG |
| Miss | JIA | Xiaoqian | HUAWEI TECHNOLOGIES Co. Ltd. | HuaWei Technologies Co., Ltd |
| Mr. | Ju | Manchang | ZTE Corporation | ZTE Corporation |
| Mr. | Klotz | Michael | Deutsche Telekom AG | Deutsche Telekom AG |
| Dr. | Kollar | Martin | Nokia Solutions & Networks (I) | Nokia Solutions & Networks (I) |
| Mr. | Lengyel | Balazs | Ericsson Hungary Ltd | Ericsson Hungary Ltd |
| Mr. | Li | Gang | Nanjing Ericsson Panda Com Ltd | Nanjing Ericsson Panda Com Ltd |
| Miss | Li | Li | HuaWei Technologies Co., Ltd | Huawei Device Co., Ltd |
| Mr. | Li | Shitao | Huawei Tech.(UK) Co., Ltd | HUAWEI TECH. GmbH |
| Mr. | Libunao | Gerardo | Verizon UK Ltd | Verizon UK Ltd |
| Mr. | Lin | Kai | ZTE Corporation | ZTE Corporation |
| Mr. | Lindblad | Jan | Cisco Systems Belgium | Cisco Systems Belgium |
| Mr. | Malashnyak | Volodymyr | Ericsson LM | Ericsson LM |
| Mr. | Mansfield | Scott | Ericsson LM | Ericsson LM |
| Mr. | McNamee | Alan | Openet Telecom | Openet Telecom |
| Ing. | Moggio | Fabrizio | TELECOM ITALIA S.p.A. | TELECOM ITALIA S.p.A. |
| Mr. | Nakano | Yusuke | KDDI Corporation | KDDI Corporation |
| Ms. | Niu | Yuxia | China Telecom Corporation Ltd. | China Telecom Corporation Ltd. |
| Mr. | Ordonez-Lucena | Jose | TELEFONICA S.A. | TELEFONICA S.A. |
| Mr. | Petersen | Robert | Ericsson LM | Ericsson Telecomunicazioni SpA |
| Miss | Ping | Jing | Nokia Germany | Nokia Germany |
| Mr. | PINTO | BARUCH | Allot Ltd | Allot Ltd |
| Dr. | Pollakowski | Olaf | Nokia Germany | Nokia Germany |
| Mr. | Potter | Benjamin | AT&T GNS Belgium SPRL | AT&T GNS Belgium SPRL |
| Ms. | Rajendran | Rohini | Samsung R&D Institute India | Samsung R&D Institute India |
| Dr. | Samdanis | Konstantinos | Nokia Germany | Nokia Germany |
| Mr. | Scott | Mark | Ericsson LM | Ericsson LM |
| Mrs. | Shi | xiaoli | HUAWEI TECHNOLOGIES Co. Ltd. | HUAWEI TECHNOLOGIES Co. Ltd. |
| Ms. | Shi | Xiaonan | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | Shu | Min | CATT | CATT |
| Mr. | Smith | David K. | AT&T GNS Belgium SPRL | AT&T GNS Belgium SPRL |
| Miss | Song | Xiaojia | China Mobile Research Inst. | China Mobile Com. Corporation |
| Mr. | Sun | Mingrui | China Unicom | TIA |
| Miss | Sun | Xiaowen | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | Törnkvist | Robert | Ericsson LM | Ericsson LM |
| Mr. | Tovinger | Thomas | Ericsson LM | Ericsson LM |
| Mr. | Vaishnavi | Ishan | Lenovo (Beijing) Ltd | Lenovo Future Communications |
| Ms. | Weaver | Farni | T-Mobile USA | T-Mobile USA |
| Mr. | Xing | TianQi | China Unicom | China Unicom |
| Mr. | Xu | Ruiyue | Huawei Tech.(UK) Co., Ltd | HUAWEI Technologies Japan K.K. |
| Miss | Yang | Haorui | Beijing OPPO Com. corp., ltd | Beijing OPPO Com. corp., ltd |
| Mr. | Yao | Yizhi | Intel Corporation (UK) Ltd | Intel Sweden AB |
| Mr. | Zhang | Jian | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Technologies Japan K.K. |
| Mr. | Zhang | Kai | Huawei Tech.(UK) Co., Ltd | Huawei Technologies R&D UK |
| Mr. | Zhao | Song | China Telecom Corporation Ltd. | China Telecom Corporation Ltd. |
| Mr. | Zhao | Song | China Telecomunication Corp. | China Telecomunication Corp. |
| Mr. | Zhu | Lei | Huawei Tech.(UK) Co., Ltd | Huawei Tech.(UK) Co., Ltd |
| Mr. | Zhu | Weihong | ZTE Corporation | ZTE Wistron Telecom AB |
| Ms. | Zou | Lan | Huawei Tech.(UK) Co., Ltd | Huawei Technologies (Korea) |

## Annex G: List of future meetings

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| --- | --- | --- | --- | --- | --- |
| Title | Start date | End date (OP) | Town | Country | Reference |
| SA5#135e | 25-01-2021 | 03-02-2021 | Online |  | S5-135e |
| SA5#136e | 01-03-2021 | 10-03-2021 | Online |  | S5-136e |
| SA#137e | 10-05-2021 | 19-05-2021 | Online |  | S5-137e |