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

**Meeting Report  
for  
TSG SA WG5  
meeting: 151**

**Xiamen, China, 09/10/2023 to 13/10/2023**

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## 1 Opening of the meeting

Mr Ruan Bangqiu (ZTE) gave a warm welcome to the SA5 attendees after their last meeting 4 years before.

He gave a presentation about Xiamen and some practicalities about the meeting.

## 2 Approval of the agenda

**S5-236200 Agenda**

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

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

## 3 IPR and legal declaration

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

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

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

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

The attention of the delegates to the meeting was drawn to the fact that 3GPP activities were subject to all applicable antitrust and competition laws and that compliance with said laws was therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen and were invited to seek any clarification needed with their legal counsel. The leadership would conduct the present meeting with impartiality and in the interests of 3GPP.

Delegates were reminded that timely submission of work items in advance of TSG/WG meetings was important to allow for full and fair consideration of such matters. Delegates were reminded of the fair network use rules established by the PCG:

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

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

**S5-236201 IPR and legal declaration**

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

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

## 4 Meetings and activities reports

### 4.1 Last SA5 meeting report

**S5-236202 Report from last SA5 meeting**

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

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

### 4.2 Inter-organizational reports

## 5 SA5 level issues

### 5.1 Administrative issues at SA5 level

**S5-236203 Post e-meeting email approval status**

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

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

**S5-236213 SA5 working procedures**

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

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

**S5-236254 Update on SA5 working procedures**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

**Decision:** The document was **revised to S5-236926**.

**S5-236926 Update on SA5 working procedures**

*Type: other For: Approval  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces S5-236254)

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

**S5-236217 Process for management of draft TS-TRs**

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

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

**S5-236214 SA5 Meeting facility requirements**

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

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

**S5-236570 Rel-18 & Rel-19 time plan proposal**

*Type: Work Plan For: Information  
 Source: SA5 Chair*

(Replaces S5-235580)

**Decision:** The document was **revised to S5-237057**.

**S5-237057 Rel-18 & Rel-19 time plan proposal**

*Type: Work Plan For: Information  
 Source: SA5 Chair*

(Replaces S5-236570)

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

### 5.2 Technical issues at SA5 level

**S5-236351 Using Forge for SA5**

*Type: other For: Presentation  
 Source: Nokia, Nokia Shanghai Bell*

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

### 5.3 Liaison statements at SA5 level

**S5-236220 IETF HTTP RFCs obsoleted by RFCs 9110, 9111 and 9113**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C4-233513*

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

**S5-236937 Reply to: IETF HTTP RFCs obsoleted by RFCs 9110, 9111 and 9113**

*Type: LS out For: approval  
 to CT4  
 Source: Nokia*

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

**S5-236231 LS to SA, SA3 and SA5 on potential collaboration between 3GPP SA3/SA5 and ETSI SAI ISG**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: ETSI ISG SAI*

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

**S5-236884 LS to 3GPP re Monitoring of Encrypted 5GS Signalling Traffic**

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

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

### 5.4 SA5 meeting calendar

**S5-236218 SA5 meeting calendar**

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

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

## 6 OAM&P

### 6.1 OAM&P Plenary

**S5-236204 OAM&P action list**

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

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

**S5-236205 OAM meeting process**

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

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

**S5-236206 agenda\_with\_Tdocs\_sequence\_proposal\_OAM**

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

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

**S5-236207 OAM Exec Report**

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

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

**S5-236208 OAM Chair notes and conclusions**

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

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

**S5-236211 Collection of external communication documents in OAM**

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

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

**S5-236215 Collection of Rel-18 3GPP SA5 OAM WoP**

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

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

**S5-236216 Living document for stage 2-3 alignment**

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

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

**S5-236219 Time Plan for OAM&P sessions**

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

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

**S5-236221 Liaison Statement to 3GPP SA5**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: ETSI TC EE*

**Decision:** The document was **replied to in S5-236930**.

**S5-236222 LS on user consent for SON/MDT for NB-IoT UEs**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2309030*

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

**S5-236223 LS on MDT measurements collection in MR-DC**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-232070*

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

**S5-236927 Reply to: LS on MDT measurements collection in MR-DC**

*Type: LS out For: approval  
 to RAN3  
 Source: Samsung*

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

**S5-236224 LS on QoE measurement collection for application sessions delivered via MBS broadcast or multicast**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-233457*

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

**S5-236225 Reply LS on QoE measurement collection for application sessions delivered via MBS broadcast or multicast**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S4-231491*

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

**S5-236226 Reply LS on area scope for QoE measurements**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S4-231490*

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

**S5-236227 Reply LS on area scope for QoE measurements**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-234746*

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

**S5-236228 LS on MDT for NPN**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-234744*

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

**S5-236229 LS on QMC support in RRC\_IDLE and RRC\_INACTIVE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-234745*

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

**S5-236232 LS on information about the progress of draft Recommendation ITU-T Y.AN-Arch-fw ""Architecture Framework for Autonomous Networks""**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: ITU-T SG13*

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

**S5-236233 ZSM work on AI enablers and intent-driven autonomous networks**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: ETSI ISG ZSM*

**Decision:** The document was **replied to in S5-236547**.

**S5-236234 LS on NCR Solutions**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-225253*

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

**S5-236235 Reply LS on RAN UE Id optionality**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-233476*

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

**S5-236929 Reply to: Reply LS on RAN UE Id optionality**

*Type: LS out For: approval  
 to RAN3  
 Source: Ericsson*

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

**S5-236236 LS on REl-18 work on architecture for enabling Edge Applications**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S6-232197*

**Decision:** The document was **replied to in S5-237241**.

**S5-236933 Reply to: LS on REl-18 work on architecture for enabling Edge Applications**

*Type: LS out For: approval  
 to S6-232197  
 Source: Samsung*

**Decision:** The document was **revised to S5-237241**.

**S5-237241 Reply to: LS on REl-18 work on architecture for enabling Edge Applications**

*Type: LS out For: approval  
 to SA6  
 Source: Samsung*

(Replaces S5-236933)

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

**S5-236512 Reply to Liaison Statement from ETSI EE PS**

*Type: LS out For: Approval  
 to ETSI EE EEPS, cc ITU-T SG5  
 Source: Huawei Tech.(UK) Co.. Ltd*

**Decision:** The document was **revised to S5-236930**.

**S5-236930 Reply to Liaison Statement from ETSI EE PS**

*Type: LS out For: Approval  
 to ETSI EE EEPS, cc ITU-T SG5  
 Source: Huawei Tech.(UK) Co.. Ltd*

(Replaces S5-236512)

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

**S5-236547 Reply LS to ZSM Work on AI enablers and intent-driven autonomous networks**

*Type: LS out For: Approval  
 to ZSM  
 Source: Intel*

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

**S5-236768 Reply LS on user consent of Non-public Network**

*Type: LS out For: (not specified)  
 to RAN3, cc RAN2, SA3  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-236771**.

**S5-236771 LS on user consent of Non-public Network**

*Type: LS out For: Agreement  
 to RAN3, cc RAN2, SA3  
 Source: Ericsson LM*

(Replaces S5-236768)

**Decision:** The document was **revised to S5-236928**.

**S5-236928 LS on user consent of Non-public Network**

*Type: LS out For: Agreement  
 to RAN3, cc RAN2, SA3  
 Source: Ericsson LM*

(Replaces S5-236771)

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

**S5-236781 LS on the progress update of AI/ML Management specifications in SA5**

*Type: LS out For: Agreement  
 to RAN1, RAN2, cc RAN, RAN3  
 Source: NEC, Intel*

**Decision:** The document was **revised to S5-236932**.

**S5-236932 LS on the progress update of AI/ML Management specifications in SA5**

*Type: LS out For: Approval  
 to RAN1, RAN2, cc RAN, RAN3  
 Source: NEC, Intel*

(Replaces S5-236781)

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

**S5-236787 DP highlighting areas of potential overlap between SA5 and other working group**

*Type: discussion For: Endorsement  
 Source: NEC, Intel*

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

**S5-236871 LS on issues with Packet Uu Loss Rate with delay threshold in the DL per DRB per UE**

*Type: LS out For: (not specified)  
 to 3GPP RAN2, cc 3GPP SA, 3GPP RAN3  
 Source: Samsung Electronics Czech*

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

**S5-237222 LS on issues with Packet Uu Loss Rate with delay threshold in the DL per DRB per UE**

*Type: LS out For: -  
 to 3GPP RAN2, cc 3GPP SA, 3GPP RAN3  
 Source: Samsung Electronics Czech*

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

**S5-236878 Liaison Multi-SDO Autonomous Networks (AN) Formal Liaison: Call for Candidate Proposals for AN SDO Information Sharing**

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

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

**S5-236880 Discussion Paper on Service Management for Rel-19**

*Type: discussion For: Endorsement  
 Source: Telefonica Germany GmbH, Huawei, Deustche Telekom*

**Abstract:**

Service management has not been yet well addressed in SA5, despite it is part of SA5 Terms of Reference. This discussion paper provides two concrete examples illustrating that some service management layer information model entities have been mixed up wit

**Decision:** The document was **revised to S5-237203**.

**S5-237203 Discussion Paper on Service Management for Rel-19**

*Type: discussion For: Endorsement  
 Source: Telefónica, Huawei, Deutsche Telekom, Ericsson*

(Replaces S5-236880)

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

**S5-236931 Collection of useful endorsed documents in OAM**

*Type: discussion For: discussion  
 Source: WG Vice Chair (Nokia(*

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

**S5-237186 Rel-19 OAM topic Progress in SA5#151**

*Type: discussion For: Information  
 Source: WG Chair*

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

### 6.2 New OAM&P Work Item proposals

#### 6.2.1 Intelligence and Automation

**S5-236546 New Rel-19 SID Study on AI and ML management phase 2**

*Type: SID new For: Discussion  
 Source: Intel, NEC*

**Decision:** The document was **revised to S5-237204**.

**S5-237204 New Rel-19 SID Study on AI and ML management phase 2**

*Type: SID new For: Discussion  
 Source: Intel, NEC*

(Replaces S5-236546)

**Decision:** The document was **revised to S5-237224**.

**S5-237224 New Rel-19 SID Study on AI and ML management phase 2**

*Type: SID new For: Discussion  
 Source: Intel, NEC*

(Replaces S5-237204)

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

**S5-236592 New SID on Closed Control Loop Management**

*Type: SID new For: Agreement  
 Source: Samsung R&D Institute India*

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

**S5-237206 New SID on Closed Control Loop Management**

*Type: SID new For: Agreement  
 Source: Samsung R&D Institute India*

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

**S5-236763 Report of SA5 Rel-19 23Q3 moderated discussion – EZTO**

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

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

**S5-236764 New SID on effectiveness of zero-touch orchestration and management**

*Type: SID new For: Agreement  
 Source: China Mobile, China Telecomunication*

**Decision:** The document was **revised to S5-237225**.

**S5-237225 New SID on effectiveness of zero-touch orchestration and management**

*Type: SID new For: Agreement  
 Source: China Mobile, China Telecomunication*

(Replaces S5-236764)

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

**S5-236790 New SID Study on Management Data Analytics (MDA) – Phase 3**

*Type: SID new For: Agreement  
 Source: NEC, Intel*

**Decision:** The document was **revised to S5-237205**.

**S5-237205 New SID Study on Management Data Analytics (MDA) – Phase 3**

*Type: SID new For: Agreement  
 Source: NEC, Intel*

(Replaces S5-236790)

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

**S5-236804 New SID on Management aspect of Network Digital Twin**

*Type: SID new For: Approval  
 Source: China Mobile Group Device Co.*

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

**S5-236807 New Rel-19 Study on intent driven management services for mobile networks phase 3**

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

**Decision:** The document was **revised to S5-237207**.

**S5-237207 New Rel-19 Study on intent driven management services for mobile networks phase 3**

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

(Replaces S5-236807)

**Decision:** The document was **revised to S5-237226**.

**S5-237226 New Rel-19 Study on intent driven management services for mobile networks phase 3**

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

(Replaces S5-237207)

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

**S5-236812 Status report on SA5 Rel-19 23Q3 moderated discussion - Management Data Analytics (MDA) - phase 3**

*Type: report For: Information  
 Source: NEC*

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

**S5-236816 Report of SA5 Rel-19 23Q3 moderated discussion – IDMS\_MN\_ph3**

*Type: report For: Information  
 Source: Huawei (Moderator)*

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

**S5-236830 New SID on data management, subscriptions and reporting**

*Type: SID new For: (not specified)  
 Source: Ericsson*

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

**S5-236832 New WID on Provide management functions for Rel-19 traffic and radio functions in the RAN and the core network**

*Type: WID new For: (not specified)  
 Source: Ericsson*

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

**S5-236838 New SID on Management aspect of Network Digital Twin**

*Type: SID new For: Approval  
 Source: China Mobile Group Device Co.*

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

**S5-236839 New SID on Management aspect of Network Digital Twin**

*Type: SID new For: Approval  
 Source: China Mobile Group Device Co.*

**Decision:** The document was **revised to S5-237208**.

**S5-237208 New SID on Management aspect of Network Digital Twin**

*Type: SID new For: Approval  
 Source: China Mobile Group Device Co.*

(Replaces S5-236839)

**Decision:** The document was **revised to S5-237227**.

**S5-237227 New SID on Management aspect of Network Digital Twin**

*Type: SID new For: Approval  
 Source: China Mobile Group Device Co.*

(Replaces S5-237208)

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

**S5-236847 Report of SA5 Rel-19 23Q3 moderated discussion**

*Type: report For: Information  
 Source: Nokia*

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

**S5-236852 Report of SA5 Rel-19 23Q3 moderated discussion - AI/ML management phase 2**

*Type: report For: Information  
 Source: Intel*

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

**S5-236873 Report of SA5 Rel-19 23Q3 moderated discussion - CCL**

*Type: report For: Agreement  
 Source: Samsung R&D Institute India*

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

**S5-236879 Report of SA5 Rel-19 23Q3 moderated discussion - Digital Twin aspects of management**

*Type: discussion For: (not specified)  
 Source: China Mobile Group Device Co.*

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

**S5-237220 BO\_MoM-5 Rel-19\_Breakout-1\_minutes**

*Type: other For: discussion  
 Source: Nokia*

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

#### 6.2.2 Management Architecture and Mechanisms

**S5-236253 TS28.541 Rel18 Move normative OpenAPI code to Forge**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1027 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

**Decision:** The document was **revised to S5-236962**.

**S5-236962 TS28.541 Rel18 Move normative OpenAPI code to Forge**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1027 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Ericsson*

(Replaces S5-236253)

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

**S5-236257 Rel-18 CR 28.541 Move normative YANG code to Forge**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1028 Cat: C (Rel-18)  
  
 Source: Ericsson India Private Limited*

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

**S5-236261 Rel-18 CR 28.623 Move normative YANG code to Forge**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0269 Cat: C (Rel-18)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-236963**.

**S5-236963 Rel-18 CR 28.623 Move normative YANG and YAML code to Forge**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0269 rev 1 Cat: C (Rel-18)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236261)

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

**S5-236266 DP Migrating code to Forge Step1**

*Type: discussion For: Endorsement  
 Source: Ericsson India Private Limited*

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

**S5-236350 Revised WID on 5G Advanced NRM features phase 2 (adNRM\_ph2)**

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

**Decision:** The document was **revised to S5-236961**.

**S5-236961 Revised WID on 5G Advanced NRM features phase 2 (adNRM\_ph2)**

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

(Replaces S5-236350)

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

**S5-236451 New SID on SBMA enhancement phase 3**

*Type: SID new For: Agreement  
 Source: Huawei*

**Decision:** The document was **revised to S5-237209**.

**S5-237209 New SID on SBMA enhancement phase 3**

*Type: SID new For: Agreement  
 Source: Huawei*

(Replaces S5-236451)

**Decision:** The document was **revised to S5-237228**.

**S5-237228 New SID on SBMA enhancement phase 3**

*Type: SID new For: Agreement  
 Source: Huawei*

(Replaces S5-237209)

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

**S5-236452 Report of SA5 Rel-19 23Q3 moderated discussion – SBMA (continuation)**

*Type: report For: Information  
 Source: Huawei*

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

**S5-236567 New Study on Enhancement of Management Aspects Related to NWDAF Phase 2**

*Type: SID new For: Approval  
 Source: China Telecomunication Corp.*

**Abstract:**

It is proposed to study the enhancement of the management of NWDAF to support NWDAF new features defined.

**Decision:** The document was **revised to S5-237213**.

**S5-237213 New Study on Enhancement of Management Aspects Related to NWDAF Phase 2**

*Type: SID new For: Approval  
 Source: China Telecomunication Corp.*

(Replaces S5-236567)

**Decision:** The document was **revised to S5-237229**.

**S5-237229 New Study on Enhancement of Management Aspects Related to NWDAF Phase 2**

*Type: SID new For: Approval  
 Source: China Telecomunication Corp.*

(Replaces S5-237213)

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

**S5-236568 Rel-19 New SID on Plan and transaction management**

*Type: SID new For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237215**.

**S5-237215 Rel-19 New SID on Plan and transaction management**

*Type: SID new For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236568)

**Decision:** The document was **revised to S5-237230**.

**S5-237230 Rel-19 New SID on Plan and transaction management**

*Type: SID new For: Approval  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-237215)

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

**S5-236648 New\_SID\_Enablers\_for\_Security\_Monitoring**

*Type: SID new For: Approval  
 Source: Nokia UK*

**Decision:** The document was **revised to S5-237237**.

**S5-237237 New\_SID\_Enablers\_for\_Security\_Monitoring**

*Type: SID new For: Approval  
 Source: Nokia UK*

(Replaces S5-236648)

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

**S5-236755 New SID on Management Aspects of NTN Phase 2**

*Type: SID new For: Approval  
 Source: CATT,China Unicom*

**Decision:** The document was **revised to S5-237210**.

**S5-237210 New SID on Management Aspects of NTN Phase 2**

*Type: SID new For: Approval  
 Source: CATT,China Unicom*

(Replaces S5-236755)

**Decision:** The document was **revised to S5-237231**.

**S5-237231 New SID on Management Aspects of NTN Phase 2**

*Type: SID new For: Approval  
 Source: CATT,China Unicom*

(Replaces S5-237210)

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

**S5-236758 Moderator status report for Management aspect of NWDAF Phase 2**

*Type: discussion For: Approval  
 Source: China Telecomunication Corp.*

**Abstract:**

Moderator status report for Management aspect of NWDAF Phase 2

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

**S5-236770 Moderator status report for 5G PM&KPls and 5G NRM and QoE collection**

*Type: discussion For: (not specified)  
 Source: China Telecomunication Corp.*

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

**S5-236773 Report of SA5 Rel-19 23Q3 moderated discussion – NTN\_OAM\_Phase2**

*Type: report For: Information  
 Source: CATT*

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

**S5-236774 New WID on Management aspects of 5G system with satellite backhaul**

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

**Decision:** The document was **revised to S5-237211**.

**S5-237211 New WID on Management aspects of 5G system with satellite backhaul**

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

(Replaces S5-236774)

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

**S5-236809 New SID on Management of IAB Nodes**

*Type: SID new For: Approval  
 Source: Ericsson Telecomunicazioni SpA*

**Decision:** The document was **revised to S5-237232**.

**S5-237232 New SID on Management of IAB Nodes**

*Type: SID new For: Approval  
 Source: Ericsson Telecomunicazioni SpA*

(Replaces S5-236809)

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

**S5-236827 New WID on Support for Subscriber and Equipment Trace and QoE collection functionality in RAN and core network**

*Type: WID new For: (not specified)  
 Source: Ericsson*

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

**S5-236829 New WID on Support for Subscriber and Equipment Trace and QoE collection functionality in RAN and core network**

*Type: WID new For: (not specified)  
 Source: Ericsson*

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

**S5-236835 Discussion on management aspects of 5G system with satellite backhaul**

*Type: discussion For: (not specified)  
 Source: China Telecom Corporation Ltd.*

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

**S5-236858 Report of SA5 Rel-19 23Q3 moderated discussion-Cloud aspects of management and orchestration**

*Type: report For: Information  
 Source: Microsoft Europe SARL*

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

**S5-236859 New SID on Management of Network Sharing Phase 3**

*Type: SID new For: Approval  
 Source: China Unicom, China Telecom*

**Decision:** The document was **revised to S5-237212**.

**S5-237212 New SID on Management of Network Sharing Phase 3**

*Type: SID new For: Approval  
 Source: China Unicom, China Telecom*

(Replaces S5-236859)

**Decision:** The document was **revised to S5-237233**.

**S5-237233 New SID on Management of Network Sharing Phase 3**

*Type: SID new For: Approval  
 Source: China Unicom, China Telecom*

(Replaces S5-237212)

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

**S5-236860 Report of SA5 Rel-19 23Q3 moderated discussion Management of Network Sharing**

*Type: report For: Information  
 Source: China Unicom*

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

**S5-236861 New SID on cloud aspects of management and orchestration**

*Type: SID new For: Agreement  
 Source: Microsoft Europe SARL*

**Decision:** The document was **revised to S5-237234**.

**S5-237234 New SID on cloud aspects of management and orchestration**

*Type: SID new For: Agreement  
 Source: Microsoft Europe SARL*

(Replaces S5-236861)

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

**S5-236881 Moderator report for Data Management**

*Type: discussion For: (not specified)  
 Source: Ericsson France S.A.S*

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

**S5-236882 Report of SA5\_Rel-19\_23Q3\_moderated\_discussion\_-\_Management\_of\_IAB\_nodes-v0.0.2**

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

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

**S5-236883 New WID on Migrating code to Forge Step1**

*Type: WID new For: (not specified)  
 Source: Ericsson India Private Limited*

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

**S5-236925 SA5 Rel-19 23Q3 moderated discussion – Management aspects of Integrated Sensing and**

**Communication - Version 0.0.4**

*Type: discussion For: discussion  
 Source: ZTE*

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

**S5-237217 BO\_MoM-2 S Forge\_Migration discussion**

*Type: other For: discussion  
 Source: Nokia*

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

#### 6.2.3 Support of New Services

**S5-236520 New SID on energy efficiency and energy saving aspects of 5G networks and services**

*Type: SID new For: Agreement  
 Source: Huawei Tech.(UK) Co.. Ltd*

**Decision:** The document was **revised to S5-237214**.

**S5-237214 New SID on energy efficiency and energy saving aspects of 5G networks and services**

*Type: SID new For: Agreement  
 Source: Huawei Tech.(UK) Co.. Ltd*

(Replaces S5-236520)

**Decision:** The document was **revised to S5-237235**.

**S5-237235 New SID on energy efficiency and energy saving aspects of 5G networks and services**

*Type: SID new For: Agreement  
 Source: Huawei Tech.(UK) Co.. Ltd*

(Replaces S5-237214)

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

**S5-236521 Report of SA5 Rel-19 23Q3 moderated discussion – 5GEE**

*Type: report For: Information  
 Source: Huawei Tech.(UK) Co.. Ltd*

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

**S5-236793 New SID on Management aspects of Integrated Sensing and Communication**

*Type: SID new For: Agreement  
 Source: ZTE Corporation,China Unicom*

**Decision:** The document was **revised to S5-237236**.

**S5-237236 New SID on Management aspects of Integrated Sensing and Communication**

*Type: SID new For: Agreement  
 Source: ZTE Corporation,China Unicom*

(Replaces S5-236793)

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

**S5-236853 New SID on management aspects of RedCap feature**

*Type: SID new For: (not specified)  
 Source: AsiaInfo*

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

**S5-236854 Report of SA5 Rel-19 23Q3 moderated discussion Management aspects of RedCap feature**

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

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

### 6.3 OAM&P Maintenance and Rel-18 small Enhancements

#### 6.3.1 Methodology

**S5-236315 Rel-18 CR TS 32.156 Supplement the specification for establishing a relationship between <<dataType>> and model elements in UML class diagram**

*Type: CR For: Agreement  
 32.156 v18.3.0 CR-0075 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-237121**.

**S5-237121 Rel-18 CR TS 32.156 Supplement the specification for establishing a relationship between <<dataType>> and model elements in UML class diagram**

*Type: CR For: Agreement  
 32.156 v18.3.0 CR-0075 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S5-236315)

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

#### 6.3.2 ANL

#### 6.3.3 MDAS

**S5-236321 Rel-17\_CR\_28104\_Correct issues for AnalyticsSchedule datatype**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0057 Cat: B (Rel-17)  
  
 Source: ZTE Corporation*

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

**S5-236322 Rel-18\_CR\_28104\_Correct issues for AnalyticsSchedule datatype**

*Type: CR For: Approval  
 28.104 v18.1.0 CR-0058 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236323 Rel-17\_CR\_28104\_Correct issues for MDA information model**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0059 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

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

**S5-236324 Rel-18\_CR\_28104\_Correct issues for MDA information model**

*Type: CR For: Approval  
 28.104 v18.1.0 CR-0060 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236515 Correct issues for AnalyticsSchedule datatype**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0062 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237122**.

**S5-237122 Correct issues for AnalyticsSchedule datatype**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0062 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces S5-236515)

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

**S5-236516 Correct issues for AnalyticsSchedule datatype**

*Type: CR For: Approval  
 28.104 v18.1.0 CR-0063 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237123**.

**S5-237123 Correct issues for AnalyticsSchedule datatype**

*Type: CR For: Approval  
 28.104 v18.1.0 CR-0063 rev 1 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236516)

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

**S5-236517 Rel-17\_CR\_28104\_Correct issues for MDA information model**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0064 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

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

**S5-236518 Rel-18 CR TS 28.104 Correcting**

*Type: CR For: Approval  
 28.104 v18.1.0 CR-0065 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237124**.

**S5-237124 Rel-18 CR TS 28.104 Correcting**

*Type: CR For: Approval  
 28.104 v18.1.0 CR-0065 rev 1 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236518)

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

**S5-236519 Rel-17 CR TS 28.104 Correcting**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0066 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237125**.

**S5-237125 Rel-17 CR TS 28.104 Correcting**

*Type: CR For: Approval  
 28.104 v17.5.0 CR-0066 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces S5-236519)

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

#### 6.3.4 AI/ML

**S5-236360 Rel-17 CR TS 28.105 Adding the missing relation between ML entity and ML process**

*Type: CR For: Approval  
 28.105 v17.5.0 CR-0040 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236361 Rel-18 CR TS 28.105 Adding the missing relation between ML entity and ML process**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0041 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

**Decision:** The document was **revised to S5-237164**.

**S5-237164 Rel-18 CR TS 28.105 Adding the missing relation between ML entity and ML process**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0041 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

(Replaces S5-236361)

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

**S5-236393 Correction on ModelPerformance**

*Type: CR For: Agreement  
 28.105 v17.5.0 CR-0042 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237126**.

**S5-237126 Correction on ModelPerformance**

*Type: CR For: Agreement  
 28.105 v17.5.0 CR-0042 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236393)

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

**S5-236394 Rel-18 CR 28.105 correction on ModelPerformace**

*Type: CR For: Agreement  
 28.105 v18.1.0 CR-0043 Cat: A (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237127**.

**S5-237127 Rel-18 CR 28.105 correction on ModelPerformace**

*Type: CR For: Agreement  
 28.105 v18.1.0 CR-0043 rev 1 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236394)

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

**S5-236479 Rel-17 CR TS 28.105 Corrections of ML training related use cases description**

*Type: CR For: Approval  
 28.105 v17.5.0 CR-0044 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-236480 Rel-18 CR TS 28.105 Corrections of ML training related use cases description**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0045 Cat: A (Rel-18)  
  
 Source: Huawei*

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

**S5-236501 Rel18 Input to draft CR TS28.105 information on ML training convergence**

*Type: draftCR For: (not specified)  
 28.105 v18.1.0  
 Source: Nokia Italy*

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

**S5-236522 Rel-18 Input to draft CR TS 28.105 ML inference policy-based activation**

*Type: draftCR For: (not specified)  
 28.105 v18.1.0  
 Source: Nokia Italy*

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

**S5-236664 Rel 17 CR TS 28.105 Remove unused decision entity term**

*Type: CR For: Approval  
 28.105 v17.5.0 CR-0046 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236665 Rel 18 CR TS 28.105 Remove unused decision entity term**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0047 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236747 Rel 17 CR TS 28.105 Clarify the description of confidenceIndication attribute**

*Type: CR For: Approval  
 28.105 v17.5.0 CR-0048 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-237128 Rel 17 CR TS 28.105 Clarify the description of confidenceIndication attribute**

*Type: CR For: Approval  
 28.105 v17.5.0 CR-0048 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236748 Rel 18 CR TS 28.105 Clarify the description of confidenceIndication attribute**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0049 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-237129 Rel 18 CR TS 28.105 Clarify the description of confidenceIndication attribute**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0049 rev 1 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236849 Rel 17 CR TS 28.105 Remove unused attribute mLEntityList**

*Type: CR For: Approval  
 28.105 v17.5.0 CR-0060 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236850 Rel 18 CR TS 28.105 Remove unused attribute mLEntityList**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0061 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

#### 6.3.5 Energy efficiency

#### 6.3.6 Intent driven management

**S5-236268 Rel-17 CR TS 28.312 Correct the Relationship UML diagram for intent**

*Type: CR For: Approval  
 28.312 v17.5.0 CR-0118 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236269 Rel-17 CR TS 28.312 Correct issues for redefined Objectcontext in OpenAPI document**

*Type: CR For: Approval  
 28.312 v17.5.0 CR-0119 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236302 Rel-17 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0122 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-236303 Rel-18 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0123 Cat: A (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236833**.

**S5-236304 Rel-17 CR TS28.312 Correct stage2 issues for Edge Service Support Expectation**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0124 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236834**.

**S5-236396 Clarification on intent management procedure**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0134 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-236397 Clarification on intent management procedure**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0135 Cat: A (Rel-18)  
  
 Source: Huawei*

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

**S5-236423 Rel-17 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0138 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237130**.

**S5-237130 Rel-17 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0138 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236423)

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

**S5-236424 Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0139 Cat: A (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236836**.

**S5-236789 Modify expectationId to expectationName**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0162 Cat: A (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236795 Modify expectationId to expectationName**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0164 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236808 Rel-17 CR TS28.312 Correct the description for Context <<dataType>>**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0165 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236811 Rel-18 CR TS 28.312 Correct the description for Context dataType**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0166 Cat: A (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-237132**.

**S5-237132 Rel-18 CR TS 28.312 Correct the description for Context dataType**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0166 rev 1 Cat: A (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S5-236811)

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

**S5-236833 Rel-18 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0123 rev 1 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236303)

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

**S5-236834 Rel-17 CR TS28.312 Correct stage2 issues for Edge Service Support Expectation**

*Type: CR For: Agreement  
 28.312 v17.5.0 CR-0124 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236304)

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

**S5-236836 Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0139 rev 1 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236424)

**Decision:** The document was **revised to S5-237131**.

**S5-237131 Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0139 rev 2 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236836)

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

#### 6.3.7 SON

**S5-236473 Rel-17 CR TS 28.313 correction of performance measurements for MRO**

*Type: CR For: Approval  
 28.313 v17.8.0 CR-0059 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-236474 Rel-16 CR TS 28.313 correction of performance measurements for MRO**

*Type: CR For: Approval  
 28.313 v16.4.0 CR-0060 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-236475 Rel-17 CR TS 28.313 correction performance measurements for CHO and DAPS MRO**

*Type: CR For: Approval  
 28.313 v17.8.0 CR-0061 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237133**.

**S5-237133 Rel-17 CR TS 28.313 correction performance measurements for CHO and DAPS MRO**

*Type: CR For: Approval  
 28.313 v17.8.0 CR-0061 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236475)

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

#### 6.3.8 QMC

#### 6.3.9 Network slicing management

**S5-236305 Rel-18 CR TS28.531 Update procedure of feasibility check and reservation of NSI and NSSI to align with FeasibilityCheckAndReservationJob**

*Type: CR For: Agreement  
 28.531 v18.3.0 CR-0218 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237134**.

**S5-237134 Rel-18 CR TS28.531 Update procedure of feasibility check and reservation of NSI and NSSI to align with FeasibilityCheckAndReservationJob**

*Type: CR For: Agreement  
 28.531 v18.3.0 CR-0218 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236305)

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

**S5-236328 Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Deallocation**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0219 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237136**.

**S5-237136 Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Deallocation**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0219 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236328)

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

**S5-236329 Rel-18 CR TS 28.531 Clarify initiation of Procedure of network slice subnet instance deallocation**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0220 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237137**.

**S5-237137 Rel-18 CR TS 28.531 Clarify initiation of Procedure of network slice subnet instance deallocation**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0220 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236329)

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

**S5-236330 Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0221 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237138**.

**S5-237138 Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0221 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236330)

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

**S5-236331 Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Subnet Instance Modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0222 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237139**.

**S5-237139 Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Subnet Instance Modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0222 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236331)

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

**S5-236341 Rel-18 CR TS 28.531 Corrections to description of Procedure of Network Slice Instance and Network Slice Subnet Instance allocations**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0223 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236416 Add missing scenario for network slice provisioning**

*Type: CR For: Agreement  
 28.531 v17.9.0 CR-0216 rev 2 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236045)

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

**S5-236417 Add missing scenario for network slice provisioning**

*Type: CR For: Agreement  
 28.531 v18.3.0 CR-0217 rev 2 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236046)

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

**S5-236688 Rel-16 CR TS 28.541 Clarify the role of jitter as attribute in service profile**

*Type: CR For: Approval  
 28.541 v16.17.0 CR-0934 rev 1 Cat: F (Rel-16)  
  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

(Replaces S5-235072)

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

**S5-236689 Rel-17 CT TS 28542 Clarify the role of jitter as attribute in service profile**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-0935 rev 1 Cat: A (Rel-17)  
  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

(Replaces S5-235073)

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

**S5-236690 Rel-18 CR TS 28.541 Clarify the role of jitter as attribute in service profile**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-0936 rev 1 Cat: A (Rel-18)  
  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

(Replaces S5-235074)

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

**S5-236798 Correction of NEFFunction and Sliceprofile**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1050 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

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

**S5-236799 Correction of NEFFunction and Sliceprofile**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1051 Cat: A (Rel-18)  
  
 Source: Ericsson India Private Limited*

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

#### 6.3.10 MEC management

**S5-236401 Correction on performance assurance**

*Type: CR For: Agreement  
 28.538 v17.4.0 CR-0049 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237140**.

**S5-237140 Correction on performance assurance**

*Type: CR For: Agreement  
 28.538 v17.4.0 CR-0049 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236401)

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

**S5-236402 Rel-18 CR 28.538 correction on Performance Assurance**

*Type: CR For: Agreement  
 28.538 v18.4.0 CR-0050 Cat: A (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237141**.

**S5-237141 Rel-18 CR 28.538 correction on Performance Assurance**

*Type: CR For: Agreement  
 28.538 v18.4.0 CR-0050 rev 1 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236402)

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

**S5-236801 Correction of 5GC NF measurements to evaluate EAS performance**

*Type: CR For: Agreement  
 28.538 v18.4.0 CR-0053 Cat: A (Rel-18)  
  
 Source: China Telecom, Huawei*

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

**S5-236805 Correction of 5GC NF measurements to evaluate EAS performance**

*Type: CR For: Agreement  
 28.538 v17.4.0 CR-0054 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

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

#### 6.3.11 General NRM

**S5-236247 TS28.541 Rel17 correction to stage3 of NROperatorCellDU containment**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1023 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236248 TS28.541 Rel18 correction to stage3 of NROperatorCellDU containment**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1024 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236249 TS28.541 Rel17 correction to NPNIdentity stage2 stage 3 issue**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1025 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236250 TS28.541 Rel18 correction to NPNIdentity stage2 stage 3 issue**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1026 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236259 Rel17 CR 32.160 Correct YANG mapping of isInvariant**

*Type: CR For: Approval  
 32.160 v17.9.0 CR-0043 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237081**.

**S5-237081 Rel17 CR 32.160 Correct YANG mapping of isInvariant**

*Type: CR For: Approval  
 32.160 v17.9.0 CR-0043 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

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

**S5-236260 Rel18 CR 32.160 Correct YANG mapping of isInvariant**

*Type: CR For: Approval  
 32.160 v18.3.0 CR-0044 Cat: A (Rel-18)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237144**.

**S5-237144 Rel18 CR 32.160 Correct YANG mapping of isInvariant**

*Type: CR For: Approval  
 32.160 v18.3.0 CR-0044 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236260)

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

**S5-236262 Rel-17 CR 32.160 Clarify YANG Vendor extensions**

*Type: CR For: Approval  
 32.160 v17.9.0 CR-0045 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237145**.

**S5-237145 Rel-17 CR 32.160 Clarify YANG Vendor extensions**

*Type: CR For: Approval  
 32.160 v17.9.0 CR-0045 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236262)

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

**S5-236263 Rel-18 CR 32.160 Clarify YANG Vendor extensions**

*Type: CR For: Approval  
 32.160 v18.3.0 CR-0046 Cat: A (Rel-18)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237146**.

**S5-237146 Rel-18 CR 32.160 Clarify YANG Vendor extensions**

*Type: CR For: Approval  
 32.160 v18.3.0 CR-0046 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236263)

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

**S5-236344 TS28.541 Rel16 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD**

*Type: CR For: Approval  
 28.541 v16.17.0 CR-1039 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237198**.

**S5-237198 TS28.541 Rel16 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD**

*Type: CR For: Approval  
 28.541 v16.17.0 CR-1039 rev 1 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236344)

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

**S5-236345 TS28.541 Rel17 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1040 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237199**.

**S5-237199 TS28.541 Rel17 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1040 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236345)

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

**S5-236346 TS28.541 Rel18 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1041 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237200**.

**S5-237200 TS28.541 Rel18 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1041 rev 1 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236346)

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

**S5-236352 Rel-17 CR 28.623 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.623 v17.7.0 CR-0270 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237147**.

**S5-237147 Rel-17 CR 28.623 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.623 v17.7.0 CR-0270 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236352)

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

**S5-236353 Rel-17 CR 28.541 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1042 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237088**.

**S5-237088 Rel-17 CR 28.541 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.541 v17.12.0 CR-1042 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236353)

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

**S5-236354 Rel-18 CR 28.623 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0271 Cat: F (Rel-18)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237148**.

**S5-237148 Rel-18 CR 28.623 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0271 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236354)

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

**S5-236355 Rel-18 CR 28.541 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1043 Cat: F (Rel-18)  
  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-236947**.

**S5-236947 Rel-18 CR 28.541 YANG Corrections and inVariant**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1043 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson India Private Limited*

(Replaces S5-236355)

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

**S5-236373 Rel-17 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment**

*Type: CR For: Agreement  
 28.541 v17.12.0 CR-1044 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237149**.

**S5-237149 Rel-17 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment**

*Type: CR For: Agreement  
 28.541 v17.12.0 CR-1044 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236373)

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

**S5-236374 Rel-18 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1045 Cat: A (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237150**.

**S5-237150 Rel-18 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1045 rev 1 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236374)

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

**S5-236464 Rel-15 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v15.4.0 CR-0076 Cat: F (Rel-15)  
  
 Source: Ericsson Limited*

**Decision:** The document was **revised to S5-237151**.

**S5-237151 Rel-15 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v15.4.0 CR-0076 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson, Nokia, Huawei*

(Replaces S5-236464)

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

**S5-236466 Rel-16 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v16.8.0 CR-0077 Cat: A (Rel-16)  
  
 Source: Ericsson Limited*

**Decision:** The document was **revised to S5-237152**.

**S5-237152 Rel-16 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v16.8.0 CR-0077 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson, Nokia, Huawei*

(Replaces S5-236466)

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

**S5-236467 Rel-17 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v17.4.0 CR-0078 Cat: A (Rel-17)  
  
 Source: Ericsson Limited*

**Decision:** The document was **revised to S5-237153**.

**S5-237153 Rel-17 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v17.4.0 CR-0078 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, Nokia, Huawei*

(Replaces S5-236467)

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

**S5-236470 Rel-18 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v18.3.0 CR-0079 Cat: A (Rel-18)  
  
 Source: Ericsson Limited*

**Decision:** The document was **revised to S5-237154**.

**S5-237154 Rel-18 CR TS 32.156 Clarifying Terminology**

*Type: CR For: Agreement  
 32.156 v18.3.0 CR-0079 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson, Nokia, Huawei*

(Replaces S5-236470)

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

**S5-236743 Rel-16 CR 28.622 Correction of IOC ManagedNFService attribute values**

*Type: CR For: Agreement  
 28.622 v16.17.0 CR-0298 Cat: F (Rel-16)  
  
 Source: Ericsson Limited*

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

**S5-236744 Rel-17 CR 28.622 Correction of IOC ManagedNFService attribute values**

*Type: CR For: Agreement  
 28.622 v17.7.0 CR-0299 Cat: A (Rel-17)  
  
 Source: Ericsson Limited*

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

**S5-236745 Rel-18 CR 28.622 Correction of IOC ManagedNFService attribute values**

*Type: CR For: Agreement  
 28.622 v18.4.0 CR-0300 Cat: A (Rel-18)  
  
 Source: Ericsson Limited*

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

#### 6.3.12 PM/KPI

**S5-236356 Rel-15 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v15.7.0 CR-0080 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir*

**Decision:** The document was **revised to S5-237155**.

**S5-237155 Rel-15 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v15.7.0 CR-0080 rev 1 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson*

(Replaces S5-236356)

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

**S5-236357 Rel-16 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v16.9.0 CR-0081 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir*

**Decision:** The document was **revised to S5-237156**.

**S5-237156 Rel-16 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v16.9.0 CR-0081 rev 1 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson*

(Replaces S5-236357)

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

**S5-236358 Rel-17 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v17.1.0 CR-0082 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir*

**Decision:** The document was **revised to S5-237157**.

**S5-237157 Rel-17 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v17.1.0 CR-0082 rev 1 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson*

(Replaces S5-236358)

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

**S5-236359 Rel-18 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v18.2.0 CR-0083 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir*

**Decision:** The document was **revised to S5-237158**.

**S5-237158 Rel-18 CR TS 28.550 Removal of updateStreamInfo operation**

*Type: CR For: Approval  
 28.550 v18.2.0 CR-0083 rev 1 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson*

(Replaces S5-236359)

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

**S5-236549 Discussion Paper on how to handle undefined PM streaming operation**

*Type: discussion For: Decision  
 28.550 v..  
 Source: Ericsson Inc.*

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

**S5-236749 Rel-17 CR 28.552 Correction of PDSCH MCS distribution measurement**

*Type: CR For: Approval  
 28.552 v17.11.0 CR-0477 Cat: F (Rel-17)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237160**.

**S5-237160 Rel-17 CR 28.552 Correction of PDSCH MCS distribution measurement**

*Type: CR For: Approval  
 28.552 v17.11.0 CR-0477 rev 1 Cat: F (Rel-17)  
  
 Source: China Unicom*

(Replaces S5-236749)

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

**S5-236750 Rel-18 CR 28.552 Correction of PDSCH MCS distribution measurement**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0478 Cat: A (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237161**.

**S5-237161 Rel-18 CR 28.552 Correction of PDSCH MCS distribution measurement**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0478 rev 1 Cat: A (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236750)

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

**S5-236780 Rel-18 CR TS 28.554 Correction Utilization KPI definition of PDU session establishment time of network slice**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0148 Cat: F (Rel-18)  
  
 Source: China Mobile*

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

**S5-236783 Rel-17 CR TS28.552 Fix Packet Drop Rate**

*Type: CR For: Approval  
 28.552 v17.11.0 CR-0483 Cat: F (Rel-17)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237142**.

**S5-237142 Rel-17 CR TS28.552 Fix Packet Drop Rate**

*Type: CR For: Approval  
 28.552 v17.11.0 CR-0483 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE Corporation*

(Replaces S5-236783)

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

**S5-236784 Rel-18 CR TS28.552 Fix Packet Drop Rate**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0484 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237143**.

**S5-237143 Rel-18 CR TS28.552 Fix Packet Drop Rate**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0484 rev 1 Cat: A (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236784)

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

**S5-237167 Rel-15 CR TS28.552 Fix Packet Drop Rate**

*Type: CR For: Approval  
 28.552 v- CR-0489 Cat: F (Rel-15)  
  
 Source: ZTE Corporation*

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

**S5-237168 Rel-16 CR TS28.552 Fix Packet Drop Rate**

*Type: CR For: Approval  
 28.552 v- CR-0490 Cat: F (Rel-16)  
  
 Source: ZTE Corporation*

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

#### 6.3.13 Trace/MDT

**S5-236369 Rel-17 CR TS 28.623 Stage 3 Correction of ExcessPacketDelayThreshold definition**

*Type: CR For: Approval  
 28.623 v17.7.0 CR-0273 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236370 Rel-18 CR TS 28.623 Stage 3 Correction of ExcessPacketDelayThreshold definition**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0274 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236672 Rel-17 CR TS 32.423 Correcting the reference to E1AP specification for gnb-DU record content**

*Type: CR For: Approval  
 32.423 v17.7.0 CR-0147 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236673 Rel-18 CR TS 32.423 Correcting the reference to E1AP specification for gnb-DU record content**

*Type: CR For: Approval  
 32.423 v18.0.0 CR-0148 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236674 Rel-15 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP**

*Type: CR For: Approval  
 32.423 v15.3.0 CR-0149 Cat: F (Rel-15)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236675 Rel-16 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP**

*Type: CR For: Approval  
 32.423 v16.9.0 CR-0150 Cat: A (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236676 Rel-17 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP**

*Type: CR For: Approval  
 32.423 v17.7.0 CR-0151 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236677 Rel-18 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP**

*Type: CR For: Approval  
 32.423 v18.0.0 CR-0152 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237163**.

**S5-237163 Rel-18 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP**

*Type: CR For: Approval  
 32.423 v18.0.0 CR-0152 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236677)

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

#### 6.3.14 Other

**S5-236347 TS28.532 Rel16 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges**

*Type: CR For: Approval  
 28.532 v16.16.0 CR-0283 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236348 TS28.532 Rel17 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges**

*Type: CR For: Approval  
 28.532 v17.6.0 CR-0284 Cat: A (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236349 TS28.532 Rel18 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0285 Cat: A (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236482 Rel-15 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001**

*Type: CR For: Agreement  
 28.500 v15.0.0 CR-0008 Cat: F (Rel-15)  
  
 Source: Huawei*

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

**S5-236483 Rel-16 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001**

*Type: CR For: Agreement  
 28.500 v16.0.0 CR-0009 Cat: A (Rel-16)  
  
 Source: Huawei*

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

**S5-236484 Rel-17 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001**

*Type: CR For: Agreement  
 28.500 v17.0.0 CR-0010 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-236525 Rel-16 32.158 Clarify mapping of DNs to URIs**

*Type: CR For: Approval  
 32.158 v16.11.0 CR-0117 Cat: F (Rel-16)  
  
 Source: Ericsson Inc.*

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

**S5-236526 Rel-17 32.158 Clarify mapping of DNs to URIs**

*Type: CR For: Approval  
 32.156 v17.4.0 CR-0080 Cat: A (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236527 Rel-17 CR 28.622 Clarify MnS scope value for Managed Elements**

*Type: CR For: Approval  
 28.622 v17.7.0 CR-0292 Cat: F (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236528 Rel-17 CR 28.623 Clarify MnS scope value for Managed Elements (stage3, yang)**

*Type: CR For: Approval  
 28.623 v17.7.0 CR-0277 Cat: F (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236529 Rel-18 CR 28.622 Clarify MnS scope value for Managed Elements**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0293 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

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

**S5-236530 Rel-18 CR 28.623 Clarify MnS scope value for Managed Elements (stage3, yang)**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0278 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

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

**S5-236531 Rel-17 CR 28.623 Clarify HeartBeatControl IOC definition (stage3, yang)**

*Type: CR For: Approval  
 28.623 v17.7.0 CR-0279 Cat: A (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236532 Rel-16 CR 28.623 Clarify HeartbeatControl IOC definition (stage3, yang)**

*Type: CR For: Approval  
 28.623 v16.15.0 CR-0280 Cat: F (Rel-16)  
  
 Source: Ericsson Inc.*

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

**S5-236533 Rel-18 CR 28.623 Clarify HeartbeatControl IOC definition (stage3, yang)**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0281 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

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

**S5-236534 Rel-16 CR 28.622 Clarify HeartbeatControl IOC definition**

*Type: CR For: Approval  
 28.622 v16.17.0 CR-0294 Cat: F (Rel-16)  
  
 Source: Ericsson Inc.*

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

**S5-236535 Rel-17 CR 28.622 Clarify HeartbeatControl IOC definition**

*Type: CR For: Approval  
 28.622 v17.7.0 CR-0295 Cat: A (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236536 Rel-18 CR 28.622 Clarify HeartbeatControl IOC definition**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0296 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

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

**S5-236550 Rel-16 CR 28.532 Clarify Heartbeat MnS capability definition**

*Type: CR For: Approval  
 28.532 v16.16.0 CR-0275 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson Inc.*

(Replaces S5-235419)

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

**S5-236551 Rel-17 CR 28.532 Clarify Heartbeat MnS capability definition**

*Type: CR For: Approval  
 28.532 v17.6.0 CR-0286 Cat: A (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236555 Rel-16 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI files**

*Type: CR For: Approval  
 28.532 v16.16.0 CR-0287 Cat: F (Rel-16)  
  
 Source: Ericsson Inc.*

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

**S5-236556 Rel-17 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI**

*Type: CR For: Approval  
 28.532 v17.6.0 CR-0288 Cat: A (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236557 Rel-16 CR 28.532 Correct URI definition inconsistencies**

*Type: CR For: Approval  
 28.532 v16.16.0 CR-0277 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson Inc.*

(Replaces S5-235428)

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

**S5-236558 Rel-17 CR 28.532 Correct URI definition inconsistencies**

*Type: CR For: Approval  
 28.532 v17.6.0 CR-0289 Cat: A (Rel-17)  
  
 Source: Ericsson Inc.*

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

**S5-236559 Rel-18 CR 28.532 Correct URI definition inconsistencies**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0290 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

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

**S5-236560 Rel-18 CR 28.532 Correct inconsistencies in version number handling in OpenAPI**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0288 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

(Replaces S5-236556)

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

**S5-236561 Rel-18 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0291 Cat: A (Rel-18)  
  
 Source: Ericsson Inc.*

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

**S5-236569 Rel-16 CR 28.532 Clarify usage of the attributes container in notifyMOIChanges**

*Type: CR For: Approval  
 28.532 v16.16.0 CR-0292 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236571 Rel-17 CR 32.156 Add missing definition of node**

*Type: CR For: Approval  
 32.156 v17.4.0 CR-0081 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236573 Rel-18 CR 32.156 Add missing definition of node**

*Type: CR For: Approval  
 32.156 v18.3.0 CR-0082 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237201**.

**S5-237201 Rel-18 CR 32.156 Add missing definition of node**

*Type: CR For: Approval  
 32.156 v18.3.0 CR-0082 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236573)

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

**S5-236687 Rel-17 CR 28.537 Clarify management service discovery use cases**

*Type: CR For: Agreement  
 28.537 v17.3.0 CR-0013 Cat: F (Rel-17)  
  
 Source: Ericsson Inc.*

**Decision:** The document was **revised to S5-237202**.

**S5-237202 Rel-17 CR 28.537 Clarify management service discovery use cases**

*Type: CR For: Agreement  
 28.537 v17.3.0 CR-0013 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson Inc.*

(Replaces S5-236687)

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

**S5-236843 Rel-17 CR 28.622 h70 NodeFilter**

*Type: CR For: Agreement  
 28.622 v17.7.0 CR-0301 Cat: F (Rel-17)  
  
 Source: Nokia*

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

**S5-236844 Rel-18 CR 28.622 i40 NodeFilter**

*Type: CR For: Agreement  
 28.622 v18.4.0 CR-0302 Cat: A (Rel-18)  
  
 Source: Nokia*

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

**S5-236845 Rel-17 CR 28.622 h70 MDC**

*Type: CR For: Agreement  
 28.622 v17.7.0 CR-0303 Cat: F (Rel-17)  
  
 Source: Nokia*

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

**S5-236846 Rel-18 CR 28.622 i40 MDC**

*Type: CR For: Agreement  
 28.622 v18.4.0 CR-0304 Cat: A (Rel-18)  
  
 Source: Nokia*

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

**S5-236875 Rel-18 CR TS28.405 Fix API name**

*Type: CR For: Approval  
 28.405 v18.4.0 CR-0026 Cat: D (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236876 Rel-18 CR TS28.532 editorial Correction**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0296 Cat: D (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236877 Rel-18 CR TS28.552 editorial Corrections**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0488 Cat: D (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-237219 BO\_MoM-4 AI-ML\_breakout\_session\_minutes**

*Type: other For: discussion  
 Source: Nokia*

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

### 6.4 OAM&P Rel-18 Work Items - Intelligence and Automation

#### 6.4.1 Self-Configuration of RAN NEs

##### 6.4.1.1 RANSC\_WoP#1

**S5-236276 pCR TS 28.317 Add concept, use case and requirements for network configuration data handling**

*Type: pCR For: Approval  
 28.317 v0.5.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-237113**.

**S5-237113 pCR TS 28.317 Add concept, use case and requirements for network configuration data handling**

*Type: pCR For: Approval  
 28.317 v0.5.0  
 Source: China Mobile, Huawei*

(Replaces S5-236276)

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

##### 6.4.1.2 RANSC\_WoP#2

**S5-236281 Rel-18 CR TS28.313 Update procedure for Sel-configuration to refer to TS 28.317**

*Type: CR For: Approval  
 28.313 v17.8.0 CR-0058 Cat: F (Rel-18)  
  
 Source: China Mobile, Huawei*

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

##### 6.4.1.3 RANSC\_WoP#3

**S5-236277 pCR TS 28.317 Add MnS component type A for self-configuration management**

*Type: pCR For: Approval  
 28.317 v0.5.0  
 Source: China Mobile, Huawei*

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

**S5-236278 pCR TS 28.317 Add MnS component type B for self-configuration management**

*Type: pCR For: Approval  
 28.317 v0.5.0  
 Source: China Mobile, Huawei*

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

**S5-237238 draft TS 28.317**

*Type: draft TS For: Approval  
 28.317 v0.6.0  
 Source: China Mobile*

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

##### 6.4.1.4 Draft TS email approval

#### 6.4.2 Management Data Analytics phase 2

##### 6.4.2.1 eMDAS\_Ph2\_WoP#1

**S5-236792 Rel-18 Input to draft CR TS 28.104 Add Recommendation Scope**

*Type: CR For: (not specified)  
 28.104 v18.1.0 CR-0067 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-237075 Rel-18 Input to draft CR TS 28.104 Add Recommendation Scope**

*Type: other For: -  
 28.104 v18.1.0  
 Source: China Mobile Com. Corporation*

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

**S5-237247 Draft CR MDA TS 28.104**

*Type: draftCR For: Approval  
 28.104 v..  
 Source: NEC*

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

##### 6.4.2.2 eMDAS\_Ph2\_WoP#2

**S5-236371 Rel-18 Input to draft CR TS 28.104 Add enabling data for mobility and EE related PMs**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shangai Bell*

**Decision:** The document was **revised to S5-237077**.

**S5-237077 Rel-18 Input to draft CR TS 28.104 Add enabling data for mobility and EE related PMs**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shangai Bell*

(Replaces S5-236371)

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

**S5-236411 Rel18 Input to draft CR TS28.104 Event data analytics use case and requirements**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-237078 Rel18 Input to draft CR TS28.104 Event data analytics use case and requirements**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236412 Rel18 Input to draft CR TS28.104 Performance Measurement data correlation analytics use case and requirements**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-237079 Rel18 Input to draft CR TS28.104 Performance Measurement data correlation analytics use case and requirements**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236765 Rel18 Input to draft CR TS 28.104 training data effectiveness analytics use case and requirements**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

##### 6.4.2.3 eMDAS\_Ph2\_WoP#3

##### 6.4.2.4 eMDAS\_Ph2\_WoP#4

##### 6.4.2.5 eMDAS\_Ph2\_WoP#5

##### 6.4.2.6 eMDAS\_Ph2\_WoP#6

**S5-236486 Update MDA capability of service failure recovery**

*Type: CR For: Agreement  
 28.104 v18.1.0 CR-0061 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-237080 Input to DraftCR Update MDA capability of service failure recovery**

*Type: other For: Agreement  
 28.104 v18.1.0  
 Source: Huawei*

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

##### 6.4.2.7 eMDAS\_Ph2\_WoP#7

**S5-236407 Rel-18 draftCR 28.104 Add solution for MDA assisted control plane congestion analysis**

*Type: draftCR For: Approval  
 28.104 v18.1.0  
 Source: Huawei*

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

#### 6.4.3 AI/ML management

##### 6.4.3.1 AIML\_MGT\_WoP#1

**S5-236366 Rel-18 Input to draft CR TS 28.105 Complete ML Update Solution**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236367 Rel-18 Input to draft CR TS 28.105 NRM for producer initiated training**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shangai Bell*

**Decision:** The document was **revised to S5-236941**.

**S5-236941 Rel-18 Input to draft CR TS 28.105 NRM for producer initiated training**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shangai Bell*

(Replaces S5-236367)

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

**S5-236368 Rel-18 Input to draft CR TS 28.105 Description, Use case and requirements for Context of ML Entities**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236409 Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Inference activation**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel*

**Decision:** The document was **revised to S5-236934**.

**S5-236934 Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Inference activation**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel*

(Replaces S5-236409)

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

**S5-236410 Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Training activation**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel*

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

**S5-237159 Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Training activation**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel*

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

**S5-236453 Rel-18 Input to draft CR TS 28.105 Add ML performance metrics**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236649**.

**S5-236454 Rel-18 Input to draft CR TS 28.105 ML Inference NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236650**.

**S5-236455 Rel-18 Input to draft CR TS 28.105 ML knowledge sharing**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236651**.

**S5-236456 Rel-18 Input to draft CR TS 28.105 ML Inference emulation Requirements**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NTT DOCOMO, NEC*

**Decision:** The document was **revised to S5-236652**.

**S5-236457 Rel-18 Input to draft CR TS 28.105 Information on executed AIML Actions**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236653**.

**S5-236458 Rel-18 Input to draft CR TS 28.105 ML Activation NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236654**.

**S5-236459 Rel-18 Input to draft CR TS 28.105 ML Training policy-based activation**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236655**.

**S5-236460 Rel-18 Input to draft CR TS 28.105 Coordinating ML Inference**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236656**.

**S5-236461 Rel-18 Input to draft CR TS 28.105 ML Inference emulation NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236657**.

**S5-236476 Rel-18 draftCR TS 28.105 Corrections of term of AIML management**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Huawei*

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

**S5-236477 Rel-18 draftCR TS 28.105 corrections for ML performance indicator selection**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Huawei*

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

**S5-236478 Rel-18 draftCR TS 28.105 Add solution for AIML inference function management**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Huawei*

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

**S5-236543 Input to DraftCR 28.105 Add NRMs for RAN intelligence functions**

*Type: other For: Agreement  
 28.105 v..  
 Source: Intel, NEC*

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

**S5-236544 Input to DraftCR 28.105 Correction of ML update related IOCs**

*Type: other For: Agreement  
 28.105 v..  
 Source: Intel, NEC*

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

**S5-236545 Input to DraftCR 28.105 Add NRMs for ML entity loading**

*Type: other For: Agreement  
 28.105 v..  
 Source: Intel, NEC, CATT*

**Decision:** The document was **revised to S5-236939**.

**S5-236939 Input to DraftCR 28.105 Add NRMs for ML entity loading**

*Type: other For: Agreement  
 28.105 v..  
 Source: Intel, NEC, CATT*

(Replaces S5-236545)

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

**S5-236548 Input to DraftCR 28.105 Add use case and requirements for ML entity loading**

*Type: other For: Agreement  
 28.105 v..  
 Source: Intel, NEC, CATT*

**Decision:** The document was **revised to S5-236938**.

**S5-236938 Input to DraftCR 28.105 Add use case and requirements for ML entity loading**

*Type: other For: Agreement  
 28.105 v..  
 Source: Intel, NEC, CATT, China Mobile, Nokia, Ericsson, Huawei*

(Replaces S5-236548)

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

**S5-236649 Rel-18 Input to draft CR TS 28.105 Add ML performance metrics**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236453)

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

**S5-236650 Rel-18 Input to draft CR TS 28.105 ML Inference NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236454)

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

**S5-237162 Rel-18 Input to draft CR TS 28.105 ML Inference NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236651 Rel-18 Input to draft CR TS 28.105 ML knowledge sharing**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236455)

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

**S5-236652 Rel-18 Input to draft CR TS 28.105 ML Inference emulation Requirements**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NTT DOCOMO, NEC*

(Replaces S5-236456)

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

**S5-236653 Rel-18 Input to draft CR TS 28.105 Information on executed AIML Actions**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236457)

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

**S5-236654 Rel-18 Input to draft CR TS 28.105 ML Activation NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236458)

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

**S5-236655 Rel-18 Input to draft CR TS 28.105 ML Training policy-based activation**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236459)

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

**S5-236656 Rel-18 Input to draft CR TS 28.105 Coordinating ML Inference**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236460)

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

**S5-236657 Rel-18 Input to draft CR TS 28.105 ML Inference emulation NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236461)

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

**S5-236680 Rel-18 Input to DraftCR 28.105 add AI ML management capabilities for ML deployment and inference**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: China Mobile Com. Corporation*

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

**S5-236681 Rel-18 Input to Draft CR 28.105 Modification on ML training initiated by producer**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: China Mobile Com. Corporation*

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

**S5-236682 Rel-18 Input to Draft CR 28.105 Add new use case of ML entity exposure management**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-236940**.

**S5-236940 Rel-18 Input to Draft CR 28.105 Add new use case of ML entity exposure management**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: China Mobile Com. Corporation*

(Replaces S5-236682)

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

**S5-236683 Rel-18 Input to Draft CR 28.105 Add use cases for ML emulation phase**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: China Mobile Com. Corporation*

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

**S5-236684 Rel-18 Input to Draft CR 28.105 Modification on description of AIML update control**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: China Mobile Com. Corporation*

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

**S5-236685 Rel-18 Input to draft CR TS 28.105 ML Inference History use case and requirements**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NEC, NTT DOCOMO*

**Decision:** The document was **revised to S5-236935**.

**S5-236935 Rel-18 Input to draft CR TS 28.105 ML Inference History use case and requirements**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, NEC, NTT DOCOMO*

(Replaces S5-236685)

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

**S5-236686 Rel-18 Input to draft CR TS 28.105 ML Inference History NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237166**.

**S5-237166 Rel-18 Input to draft CR TS 28.105 ML Inference History NRM**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236686)

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

**S5-236759 Rel18 Input to draft CR TS28.105 Training data effectiveness reporting use cases and requirements**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236782 pCR Input to DraftCR TS 28.105 Harmonize usage of ML model and entity**

*Type: draftCR For: Agreement  
 28.105 v18.1.0  
 Source: Ericsson Limited*

**Decision:** The document was **revised to S5-237114**.

**S5-237114 pCR Input to DraftCR TS 28.105 Harmonize usage of ML model and entity**

*Type: draftCR For: Agreement  
 28.105 v18.1.0  
 Source: Ericsson Limited*

(Replaces S5-236782)

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

**S5-236810 Add description for AIML inference capabilities management**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0054 Cat: B (Rel-18)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S5-236936**.

**S5-236936 Add description for AIML inference capabilities management**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0054 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile*

(Replaces S5-236810)

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

**S5-237036 Add description for AIML inference capabilities management**

*Type: other For: Approval  
 28.105 v18.1.0  
 Source: China Mobile*

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

**S5-236813 Rel18 Input to draft CR TS 28.105 Coordination of the ML capabilities**

*Type: draftCR For: Approval  
 28.105 v18.1.0  
 Source: Nokia, Nokia Shanghai Bell, TELUS*

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

**S5-236814 Add use case and requirements for AIML inference configuration management**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0055 Cat: B (Rel-18)  
  
 Source: China Mobile*

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

**S5-236818 Add use case and requirements for ML entity loading control and monitoring**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0056 Cat: B (Rel-18)  
  
 Source: China Mobile*

**Discussion:**

Content merged into S5-236938.

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

**S5-236825 Add use case and requirements for pre-processed event data for ML training**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0057 Cat: B (Rel-18)  
  
 Source: China Mobile*

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

**S5-236826 Add use case and requirements for tracking AI/ML inference decision and context**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0058 Cat: B (Rel-18)  
  
 Source: China Mobile*

**Discussion:**

Content will go into 935.

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

**S5-236828 Add use case and requirements for training data effectiveness reporting and analytics**

*Type: CR For: Approval  
 28.105 v18.1.0 CR-0059 Cat: B (Rel-18)  
  
 Source: China Mobile*

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

**S5-237244 Draft CR AIML**

*Type: draftCR For: Approval  
 28.105 v..  
 Source: Intel*

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

##### 6.4.3.2 AIML\_MGT\_WoP#2

**S5-236794 Rel-17 CR 28.105 Correction of attribute properties**

*Type: CR For: Agreement  
 28.105 v17.5.0 CR-0050 Cat: F (Rel-17)  
  
 Source: Ericsson Limited*

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

**S5-236797 Rel-18 CR 28.105 Correction of attribute properties**

*Type: CR For: Agreement  
 28.105 v18.1.0 CR-0051 Cat: A (Rel-18)  
  
 Source: Ericsson Limited*

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

**S5-236803 Correction of IOC name**

*Type: CR For: Agreement  
 28.105 v17.5.0 CR-0052 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236806 CR correction of IOC Name**

*Type: CR For: Agreement  
 28.105 v18.1.0 CR-0053 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

#### 6.4.4 Intent driven Management Service for mobile network phase 2

##### 6.4.4.1 IDMS\_MN\_ph2\_WoP#1

**S5-236255 Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0117 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236831**.

**S5-236270 Rel-18 CR TS 28.312 Correct issues for Relationship UML diagram for intent**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0120 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236271 Rel-18 CR TS 28.312 Correct issues for the use of context in the OpenAPI document.**

*Type: CR For: (not specified)  
 28.312 v18.1.1 CR-0121 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236306 Rel-18 CR TS28.312 Update the stage3 to align with the stage2**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0125 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236314 Rel-18 CR TS 28.312 Rapporteur clean up**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0133 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236775 Correct issues for Class definition including Intent and IntentReport**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0156 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236817 Rel-18 CR 28.312 Add REPORT to allowedValues in expectationVerb attributes**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0167 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236819 Rel-18 CR TS 28.312 Enable MnS consumers to obtain historical intent reports**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0168 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236945 Rel-18 CR TS 28.312 Enable MnS consumers to obtain historical intent reports**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0168 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236821 Rel-18 CR TS 28312 Add requirements for intent decomposition**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0169 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation*

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

**S5-236823 Rel-18 CR TS 28.312 Add requirements and solution for intent probe and intent negotiate**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0170 Cat: B (Rel-18)  
  
 Source: China Mobile*

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

**S5-236831 Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0117 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236255)

**Decision:** The document was **revised to S5-236944**.

**S5-236944 Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0117 rev 2 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236831)

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

##### 6.4.4.2 IDMS\_MN\_ph2\_WoP#2

**S5-236398 Adding 5GC expectation in Intent IOC stage 3**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0136 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236399 Update 5GC expectation**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0137 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236946**.

**S5-236946 Update 5GC expectation**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0137 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236399)

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

**S5-236449 Rel-18 CR TS 28.310 Add reference to TS 28.312 for intent driven approach for RAN energy saving use case**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0038 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

**Decision:** The document was **revised to S5-237068**.

**S5-237068 Rel-18 CR TS 28.310 Add reference to TS 28.312 for intent driven approach for RAN energy saving use case**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0038 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

(Replaces S5-236449)

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

**S5-236500 Rel-18 CR TS 28.312 Correct issues for the reference to maxNumberofPDUsessions**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0143 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-236948**.

**S5-236948 Rel-18 CR TS 28.312 Correct issues for the reference to maxNumberofPDUsessions**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0143 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile Com. Corporation*

(Replaces S5-236500)

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

**S5-236576 Add one case and requirement for supporting change of intent handling function**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0152 Cat: C (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is proposed to add one case and requirement for supporting change of intent handling function

**Decision:** The document was **revised to S5-236949**.

**S5-236949 Add one case and requirement for supporting change of intent handling function**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0152 rev 1 Cat: C (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236576)

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

**S5-236579 Clarify MnS consumer how handling infeasible results of intent fulfilment feasibility check**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0153 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is clarifying how MnS consumer handling infeasible results of intent fulfilment feasibility check

**Decision:** The document was **revised to S5-236951**.

**S5-236951 Clarify MnS consumer how handling infeasible results of intent fulfilment feasibility check**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0153 rev 1 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236579)

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

**S5-236581 Enhance the description of intent report**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0154 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is improving the description of intent report

**Decision:** The document was **revised to S5-236952**.

**S5-236952 Enhance the description of intent report**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0154 rev 1 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236581)

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

**S5-236663 Add description and potential requirement for intent report**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0155 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is proposed to add description and potential requirement for intent report to be consistent with clause 6.2.1.2.2

**Decision:** The document was **revised to S5-237076**.

**S5-237076 Add description and potential requirement for intent report**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0155 rev 1 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236663)

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

**S5-236788 Rel-18 CR TS 28.312 Correct use case for Intent containing an expectation for 5GC network**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0161 Cat: F (Rel-18)  
  
 Source: China Mobile, Huawei*

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

**S5-236791 Rel-18 CR TS 28.312 Correct use case for Intent fulfillment feasibility check**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0163 Cat: F (Rel-18)  
  
 Source: China Mobile, Huawei*

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

##### 6.4.4.3 IDMS\_MN\_ph2\_WoP#3

**S5-236307 Rel-18 CR TS 28.312 Update 6.1 and 7.1 to support intent report and intent handling capability obtaining**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0126 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

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

**S5-236308 Add YAML document examples for intent report instance**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0127 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

**Decision:** The document was **revised to S5-236954**.

**S5-236954 Add YAML document examples for intent report instance**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0127 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

(Replaces S5-236308)

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

**S5-236309 Rel-18 CR TS 28.312 Add procedure for intent report and intent handling capability obtaining**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0128 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

**Decision:** The document was **revised to S5-237074**.

**S5-237074 Rel-18 CR TS 28.312 Add procedure for intent report and intent handling capability obtaining**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0128 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

(Replaces S5-236309)

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

**S5-236310 Rel-18 CR TS 28.312 Correct issues for IntentReport model(6.4.4.3)**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0129 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236955**.

**S5-236955 Rel-18 CR TS 28.312 Correct issues for IntentReport model(6.4.4.3)**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0129 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236310)

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

**S5-236462 Rel-18 CR TS 28.312 Selection among Expectation, targets and contexts**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0140 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236956**.

**S5-236956 Rel-18 CR TS 28.312 Selection among Expectation, targets and contexts**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0140 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236462)

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

**S5-236463 Rel18 CR 28312 Requirements on intent Reporting**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0141 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236953**.

**S5-236953 Rel18 CR 28312 Requirements on intent Reporting**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0141 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236463)

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

**S5-236485 Rel-18 CR 28.312 Intent Conflict Resolution Procedure**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0142 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237116**.

**S5-237116 Rel-18 CR 28.312 Intent Conflict Resolution Procedure**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0142 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236485)

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

**S5-236502 Rel-18\_CR\_28312\_Correct issues for Class definition including Intent and IntentReport**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0144 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236503 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0145 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236504 Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0146 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236505 Rel-18\_CR\_28312\_Enhancement for Intent handling capability**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0147 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236506 Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0148 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236564 Rel-18 CR TS 28.312 add intent conflict resolution based on intent preemption**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0150 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

**Decision:** The document was **revised to S5-237041**.

**S5-237041 Rel-18 CR TS 28.312 add intent conflict resolution based on intent preemption**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0150 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

(Replaces S5-236564)

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

**S5-236565 Rel-18 CR TS 28.312 add attributes of intent preemption**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0151 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

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

**S5-237042 Rel-18 CR TS 28.312 add attributes of intent preemption**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0151 rev 1 Cat: B (Rel-18)  
  
 Source: NTT DOCOMO*

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

**S5-236776 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0157 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236777 Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0158 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237050**.

**S5-237050 Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0158 rev 1 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236777)

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

**S5-236778 Rel-18 CR TS 28.312 Enhancement for Intent handling capability obtaining**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0159 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-236950**.

**S5-236950 Rel-18 CR TS 28.312 Enhancement for Intent handling capability obtaining**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0159 rev 1 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236778)

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

**S5-236779 Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport.**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0160 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

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

##### 6.4.4.4 IDMS\_MN\_ph2\_WoP#4

**S5-236311 Rel-18 CR TS28.312 Enhance the RadioNetworkExpectation**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0130 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

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

**S5-236313 Add RadioServiceExpectation**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0132 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

**Decision:** The document was **revised to S5-237049**.

**S5-237049 Add RadioServiceExpectation**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0132 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

(Replaces S5-236313)

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

**S5-236966 Report for IDMS\_MN\_Ph2 breakout session**

*Type: discussion For: Information  
 Source: Huawei*

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

##### 6.4.4.5 IDMS\_MN\_ph2\_WoP#5

**S5-236312 Rel-18 CR TS 28.312 Add Intent interface deployment scenarios in Annex**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0131 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom*

**Decision:** The document was **revised to S5-237048**.

**S5-237048 Rel-18 CR TS 28.312 Add Intent interface deployment scenarios in Annex**

*Type: CR For: Agreement  
 28.312 v18.1.1 CR-0131 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Deutsche Telekom, Ericsson*

(Replaces S5-236312)

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

### 6.5 OAM&P Rel-18 Work Items - Management Architecture and Mechanisms

#### 6.5.1 Service based management architecture

##### 6.5.1.1 eSBMA\_WoP#1

**S5-236258 Rel-18 dCR 28.622 Remove FM related parts**

*Type: draftCR For: Approval  
 28.622 v18.4.0  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237043**.

**S5-237043 Rel-18 dCR 28.622 Remove FM related parts**

*Type: draftCR For: Approval  
 28.622 v18.4.0  
 Source: Ericsson India Private Limited*

(Replaces S5-236258)

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

**S5-236264 Rel-18 dCR 28.623 Remove-Update FM related parts**

*Type: draftCR For: Approval  
 28.623 v18.4.0  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237044**.

**S5-237044 Rel-18 dCR 28.623 Remove-Update FM related parts**

*Type: draftCR For: Approval  
 28.623 v18.4.0  
 Source: Ericsson India Private Limited*

(Replaces S5-236264)

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

**S5-236265 Rel-18 dCR 28.532 Remove-Update FM related parts**

*Type: draftCR For: Approval  
 28.532 v18.0.0  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237045**.

**S5-237045 Rel-18 dCR 28.532 Remove-Update FM related parts**

*Type: draftCR For: Approval  
 28.532 v18.0.0  
 Source: Ericsson India Private Limited*

(Replaces S5-236265)

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

**S5-236267 Rel-18 pCR 28.111 FM updates**

*Type: pCR For: Approval  
 28.111 v0.1.0  
 Source: Ericsson India Private Limited*

**Decision:** The document was **revised to S5-237046**.

**S5-237046 Rel-18 pCR 28.111 FM updates**

*Type: pCR For: Approval  
 28.111 v0.1.0  
 Source: Ericsson India Private Limited*

(Replaces S5-236267)

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

**S5-236851 DP Notification filtering**

*Type: discussion For: Endorsement  
 28.622 v..  
 Source: Ericsson Hungary Ltd*

(Replaces S5-235250)

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

**S5-237248 Draft CR eSBMA TS 32.101**

*Type: draftCR For: Approval  
 32.101 v..  
 Source: Nokia*

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

**S5-237249 Draft CR eSBMA TS 28.622**

*Type: draftCR For: Approval  
 28.622 v..  
 Source: Nokia*

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

##### 6.5.1.2 eSBMA\_WoP#2

**S5-236660 Rel-18 CR TS 28.533 Add example of RAN domain management capabilities mapped with ZSM**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0120 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237047**.

**S5-237047 Rel-18 CR TS 28.533 Add example of RAN domain management capabilities mapped with ZSM**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0120 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, Telefónica, Deutsche Telekom*

(Replaces S5-236660)

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

**S5-236661 Rel-18 CR TS 28.533 Using Management Services to support multiple players interoperability**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0121 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237051**.

**S5-237051 Rel-18 CR TS 28.533 Using Management Services to support multiple players interoperability**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0121 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236661)

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

##### 6.5.1.3 eSBMA\_WoP3#

##### 6.5.1.4 eSBMA\_WoP#4

**S5-236820 Revised WID on Service Based Management Architecture (SBMA)**

*Type: WID revised For: (not specified)  
 Source: Ericsson*

**Decision:** The document was **revised to S5-237052**.

**S5-237052 Revised WID on Service Based Management Architecture (SBMA)**

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

(Replaces S5-236820)

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

**S5-236822 Input to DraftCR 32.300 Move of info about IOC/MOC name to 32.156**

*Type: other For: (not specified)  
 32.300 v..  
 Source: Ericsson*

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

**S5-236824 Moving IOC/MOC info from 32.300**

*Type: CR For: (not specified)  
 32.156 v18.3.0 CR-0083 Cat: C (Rel-18)  
  
 Source: Ericsson*

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

**S5-237246 Draft CR eSBMA**

*Type: draftCR For: Approval  
 32.300 v..  
 Source: Ericsson*

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

##### 6.5.1.5 eSBMA\_WoP#5

##### 6.5.1.6 eSBMA\_WoP#6

**S5-236575 Rel-18 32.161 JSON expressions (Jex) skeleton**

*Type: draft TS For: Approval  
 32.161 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236577 Rel-18 pCR 32.161 Add Jex definitions**

*Type: pCR For: Approval  
 32.161 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236578 Rel-18 Input to DraftCR 28.622 Add new method for specifying the scope of subscriptions**

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

**Decision:** The document was **revised to S5-237053**.

**S5-237053 Rel-18 Input to DraftCR 28.622 Add new method for specifying the scope of subscriptions**

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

(Replaces S5-236578)

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

##### 6.5.1.7 eSBMA\_WoP#7

**S5-236252 TS28.623 Rel18 OpenAPI SS for SupportedNotifications**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0268 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236580 Rel-18 CR 28.532 Update definition of createMOI (stage 2)**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0293 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237054**.

**S5-237054 Rel-18 CR 28.532 Update definition of createMOI (stage 2)**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0293 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236580)

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

**S5-236582 Rel-18 CR 28.532 Update definition of modifyMOIAttributes**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0294 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237055**.

**S5-237055 Rel-18 CR 28.532 Update definition of modifyMOIAttributes**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0294 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236582)

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

**S5-236583 Rel-18 CR 28.532 Add definition of changeMOIs (stage 2)**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0295 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237056**.

**S5-237056 Rel-18 CR 28.532 Add definition of changeMOIs (stage 2)**

*Type: CR For: Approval  
 28.532 v18.0.0 CR-0295 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236583)

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

**S5-236862 Discussion paper on version control of interfaces**

*Type: discussion For: Endorsement  
 Source: Nokia Germany*

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

##### 6.5.1.8 Draft TS email approval

**S5-237037 Draft TS 28.111**

*Type: draft TS For: Approval  
 28.111 v0.2.0  
 Source: Ericsson*

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

**S5-237038 Draft TS 32.161**

*Type: draft TS For: Approval  
 32.161 v0.1.0  
 Source: Nokia*

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

#### 6.5.2 Network slicing provisioning rules

##### 6.5.2.1 NSRULE\_WoP#1

##### 6.5.2.2 NSRULE\_WoP#2

**S5-236332 Rel-18 CR TS 28.541 Add NRM for network slice isolation**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-0858 rev 6 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Telefonica*

(Replaces S5-235170)

**Decision:** The document was **revised to S5-237083**.

**S5-237083 Rel-18 CR TS 28.541 Add NRM for network slice isolation**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-0858 rev 7 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, Telefonica*

(Replaces S5-236332)

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

**S5-236333 Rel-18 CR TS 28.531 Add and update use case for network slice isolation support**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0194 rev 2 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-235176)

**Decision:** The document was **revised to S5-237082**.

**S5-237082 Rel-18 CR TS 28.531 Add and update use case for network slice isolation support**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0194 rev 3 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236333)

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

**S5-236691 Discussion paper on slice agnostic service profile solutions**

*Type: discussion For: Approval  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

**Decision:** The document was **revised to S5-237221**.

**S5-237221 Discussion paper on slice agnostic service profile solutions**

*Type: discussion For: Approval  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

(Replaces S5-236691)

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

**S5-236692 Discussion paper on solutions for sharing and isolation**

*Type: discussion For: Approval  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

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

**S5-236693 Rel-18 CR TS 28.541 Add NRM solution for network slice sharing**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1049 Cat: B (Rel-18)  
  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

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

#### 6.5.3 Management of Trace/MDT phase 2

##### 6.5.3.1 5GMDT\_Ph2\_WoP#1

**S5-236766 Clarify user consent handling for MDT in private networks**

*Type: CR For: Agreement  
 32.422 v18.0.0 CR-0413 Cat: C (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-236769**.

**S5-236769 Clarify user consent handling for MDT in private networks**

*Type: CR For: Approval  
 32.422 v18.0.0 CR-0413 rev 1 Cat: C (Rel-18)  
  
 Source: Ericsson LM*

(Replaces S5-236766)

**Decision:** The document was **revised to S5-237084**.

**S5-237084 Clarify user consent handling for MDT in private networks**

*Type: CR For: Approval  
 32.422 v18.0.0 CR-0413 rev 2 Cat: C (Rel-18)  
  
 Source: Ericsson LM*

(Replaces S5-236769)

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

##### 6.5.3.2 5GMDT\_Ph2\_WoP#2

**S5-236362 Rel-18 CR TS 28.622 Aligning ReportAmount LTE parameters with ImmediateMDT datatype**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0287 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236363 Rel-18 CR TS 28.622 Report Amount parameter in NR**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0288 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236364 Rel-18 CR TS 28.623 Stage 3 Report Amount parameter in NR**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0272 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-236365 Rel-18 CR TS 32.422 Report Amount parameter in NR**

*Type: CR For: Approval  
 32.422 v18.0.0 CR-0412 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237086**.

**S5-237086 Rel-18 CR TS 32.422 Report Amount parameter in NR**

*Type: CR For: Approval  
 32.422 v18.0.0 CR-0412 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236365)

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

##### 6.5.3.3 5GMDT\_Ph2\_WoP#3

##### 6.5.3.4 5GMDT\_Ph2\_WoP#4

##### 6.5.3.5 5GMDT\_Ph2\_WoP#5

#### 6.5.4 5G performance measurements and KPIs phase 3

##### 6.5.4.1 PM\_KPI\_5G\_Ph3\_WoP#1

**S5-236468 Rel-18 CR TS 28.552 Add measurements for NG-RAN Initiated paging sent by gNB-CU**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0467 Cat: B (Rel-18)  
  
 Source: China Telecomunication Corp., ZTE*

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

**S5-236751 Rel-18 CR 28.554 Add new KPI on air-interface efficiency based on MCS**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0147 Cat: B (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237117**.

**S5-237117 Rel-18 CR 28.554 Add new KPI on air-interface efficiency based on MCS**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0147 rev 1 Cat: B (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236751)

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

**S5-236756 Rel-18 CR 28.552 Add formula for packet success rate measurement**

*Type: CR For: (not specified)  
 28.552 v18.4.0 CR-0479 Cat: B (Rel-18)  
  
 Source: China Unicom,Ericsson*

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

**S5-236757 Rel-18 TS 28.552 Add new measurement for average value of Timing Advance per UE**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0480 Cat: B (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-236964**.

**S5-236964 Rel-18 TS 28.552 Add new measurement for average value of Timing Advance per UE**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0480 rev 1 Cat: B (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236757)

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

##### 6.5.4.2 PM\_KPI\_5G\_Ph3\_WoP#2

**S5-236372 Rel-18 CR TS 28.552 Addition of measurements related to Number of successful RRC connection setups in relation to the time between successful RRC connection setup and last RRC connection release**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0463 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

**Decision:** The document was **revised to S5-236965**.

**S5-236965 Rel-18 CR TS 28.552 Addition of measurements related to Number of successful RRC connection setups in relation to the time between successful RRC connection setup and last RRC connection release**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0463 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shangai Bell*

(Replaces S5-236372)

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

**S5-236785 Rel-18 CR TS28.552 Add Total number of DL PDCP SDU Packets in gNB-CU-UP for split gNB deployment scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0485 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237104**.

**S5-237104 Rel-18 CR TS28.552 Add Total number of DL PDCP SDU Packets in gNB-CU-UP for split gNB deployment scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0485 rev 1 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236785)

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

**S5-236786 Rel-18 CR TS28.552 Add Total number of DL RLC SDU Packets in gNB-DU for split gNB deployment scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0486 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

**Decision:** The document was **revised to S5-237105**.

**S5-237105 Rel-18 CR TS28.552 Add Total number of DL RLC SDU Packets in gNB-DU for split gNB deployment scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0486 rev 1 Cat: B (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236786)

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

##### 6.5.4.3 PM\_KPI\_5G\_Ph3\_WoP#3

##### 6.5.4.4 PM\_KPI\_5G\_Ph3\_WoP#4

**S5-236447 Rel-18 CR TS 28.552 Add DL/UL PRB Usage per SSB to support AI/ML enabled NG-RAN**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0465 Cat: B (Rel-18)  
  
 Source: China Telecomunication Corp., Intel*

**Decision:** The document was **revised to S5-236967**.

**S5-236967 Rel-18 CR TS 28.552 Add DL/UL PRB Usage per SSB to support AI/ML enabled NG-RAN**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0465 rev 1 Cat: B (Rel-18)  
  
 Source: China Telecomunication Corp., Intel*

(Replaces S5-236447)

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

**S5-236448 Rel-18 CR TS 28.552 Update DL/UL PRB Usage per cell to support AI/ML enabled NG-RAN**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0466 Cat: B (Rel-18)  
  
 Source: China Telecom Corporation Ltd.,Intel*

**Decision:** The document was **revised to S5-236968**.

**S5-236968 Rel-18 CR TS 28.552 Update DL/UL PRB Usage per cell to support AI/ML enabled NG-RAN**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0466 rev 1 Cat: B (Rel-18)  
  
 Source: China Telecom Corporation Ltd.,Intel*

(Replaces S5-236448)

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

**S5-236537 DP on defining measurements per UE**

*Type: discussion For: Endorsement  
 Source: Intel, Nokia, CATT, NEC*

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

**S5-236538 Revised WID on enhancements of 5G performance measurements and KPIs phase3**

*Type: WID revised For: Agreement  
 Source: Intel, Nokia, CATT, NEC*

**Discussion:**

The Chair declared this document as agreed, with the sole objection of ZTE. This was declared a working agreement.

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

**S5-236539 Initial Skeleton of draft TS 28.abc UE level measurements**

*Type: other For: Agreement  
 Source: Intel*

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

**S5-236540 pCR Add structure for new draft TS 28.abc UE level measurements**

*Type: other For: Agreement  
 Source: Intel*

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

**S5-236541 pCR TS 28.abc Add template for UE level measurement definition**

*Type: other For: Agreement  
 Source: Intel*

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

**S5-236542 pCR TS 28.abc Add Per-UE measurement related to DL packet delay between PSA UPF and UE**

*Type: other For: Agreement  
 Source: Intel*

**Decision:** The document was **revised to S5-237216**.

**S5-237216 pCR TS 28.abc Add Per-UE measurement related to DL packet delay between PSA UPF and UE**

*Type: other For: Agreement  
 Source: Intel*

(Replaces S5-236542)

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

**S5-236566 pCR TS 28.abc Add Per-UE measurement related to average DL/UL UE throughput**

*Type: other For: Approval  
 Source: China Telecomunication Corp., Intel*

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

**S5-236572 pCR TS 28.abc Add Per-UE measurement related to average packet loss**

*Type: other For: Approval  
 Source: China Telecom Corporation Ltd., Intel*

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

#### 6.5.5 Additional NRM features phase 2

##### 6.5.5.1 AdNRM\_ph2\_WoP#1

**S5-236319 Discussion paper on separate yaml file for different control NRM fragments in TS 28.623**

*Type: discussion For: Endorsement  
 28.623 v..  
 Source: Huawei*

(Replaces S5-235431)

**Decision:** The document was **revised to S5-237197**.

**S5-237197 Discussion paper on separate yaml file for different control NRM fragments in TS 28.623**

*Type: discussion For: Endorsement  
 28.623 v..  
 Source: Huawei*

(Replaces S5-236319)

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

**S5-236320 Rel-18 CR TS 28.623 separate yaml file for different control NRM fragment**

*Type: CR For: Agreement  
 28.623 v18.4.0 CR-0251 rev 3 Cat: C (Rel-18)  
  
 Source: Huawei*

(Replaces S5-235432)

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

**S5-236869 Rel-18 CR TS 28.541 Add slice validity info to ServiceProfile**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1056 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute UK*

**Decision:** The document was **revised to S5-236969**.

**S5-236969 Rel-18 CR TS 28.541 Add slice validity info to ServiceProfile**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1056 rev 1 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute UK*

(Replaces S5-236869)

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

##### 6.5.5.2 AdNRM\_ph2\_WoP#2

##### 6.5.5.3 AdNRM\_ph2\_WoP#3

**S5-236574 Rel-18 CR 28.622 Add NRM fragment for scheduler and condition monitor (stage 2)**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0297 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236970**.

**S5-236970 Rel-18 CR 28.622 Add NRM fragment for scheduler and condition monitor (stage 2)**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0297 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236574)

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

**S5-236867 Rel-18 CR 28.622 Explicit target of CM operations**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0305 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-237135 Rel-18 CR 28.622 Explicit target of CM operations**

*Type: CR For: Approval  
 28.622 v18.4.0 CR-0305 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236868 Add DNN to ServiceProfile and SliceProfile**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1055 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

##### 6.5.5.4 AdNRM\_ph2\_WoP#4

**S5-236242 TS28.541 Rel18 NRM enhancements for NRFFunction and AmfInfo and SmfInfo**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1018 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236243 TS28.541 Rel18 NRM enhancements for UpfInfo and PcfInfo and NetInfo**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1019 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236244 TS28.541 Rel18 NRM enhancements for MBUPFFunction**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1020 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236245 TS28.541 Rel18 NRM enhancements for MBSMFFunction**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1021 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236246 TS28.541 Rel18 NRM enhancements for class diagram**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1022 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236251 TS28.623 Rel18 OpenAPI SS for QMCJob**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0267 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236334 Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute jitter**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1032 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, KDDI, TELUS*

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

**S5-236335 Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute availability**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1033 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, KDDI, TELUS*

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

**S5-236336 Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute kPIMonitoring**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1034 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, KDDI, TELUS*

**Decision:** The document was **revised to S5-237120**.

**S5-237120 Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute kPIMonitoring**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1034 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, KDDI, TELUS*

(Replaces S5-236336)

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

**S5-236337 Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute nBIoT**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1035 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, KDDI, TELUS*

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

**S5-236338 Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute maxDLDataVolume and maxULDataVolume**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1036 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell, KDDI, TELUS*

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

**S5-236339 Rel-18 CR TS 28.541 Add support for GSMA attribute for slice QoS**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1037 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236340 Rel-18 CR TS 28.541 Add support for GSMA attributes related to data networks**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1038 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236450 Rel18 TS28.623 Add NRM fragments for scheduler and condition monitor (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0276 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237119**.

**S5-237119 Rel18 TS28.623 Add NRM fragments for scheduler and condition monitor (OpenAPI definition)**

*Type: CR For: Approval  
 28.623 v18.4.0 CR-0276 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236450)

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

**S5-236590 Rel-18 CR 28.541 User Data Access Stage-2**

*Type: CR For: Agreement  
 28.538 v18.4.0 CR-0051 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

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

**S5-236591 Rel-18 CR 28.541 User Data Access Stage-3**

*Type: CR For: Agreement  
 28.538 v18.4.0 CR-0052 Cat: B (Rel-18)  
  
 Source: Samsung R&D Institute India*

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

**S5-237218 BO\_MoM-3 Report for AdNRM\_Breakout\_Session\_Notes**

*Type: other For: discussion  
 Source: Nokia*

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

#### 6.5.6 Management Aspects related to NWDAF

##### 6.5.6.1 MANWDAF\_WoP#1

**S5-236662 Rel-18 CR 28.552 Removing duplicate clauses for measurements related to NWDAF data collection**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0476 Cat: D (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236957**.

**S5-236957 Rel-18 CR 28.552 Removing duplicate clauses for measurements related to NWDAF data collection**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0476 rev 1 Cat: D (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell,China Telecom*

(Replaces S5-236662)

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

**S5-236815 Update Performance measurements for NWDAF**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0487 Cat: F (Rel-18)  
  
 Source: China Telecom*

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

##### 6.5.6.2 MANWDAF\_WoP#2

**S5-236647 Rel-18 CR 28.552 Update use case on coordination among multiple NWDAFs**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0473 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236958 Rel-18 CR 28.552 Update use case on coordination among multiple NWDAFs**

*Type: draftCR For: Approval  
 28.552 v18.4.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236658 Rel-18 CR 28.552 Update measurements related to coordination among multiple NWDAFs**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0474 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236959**.

**S5-236959 Rel-18 CR 28.552 Update measurements related to coordination among multiple NWDAFs**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0474 rev 1 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236658)

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

**S5-236659 Rel-18 CR 28.552 Add new measurements related to coordination among multiple NWDAFs**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0475 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-237060 Rel-18 CR 28.552 Add new measurements related to coordination among multiple NWDAFs**

*Type: draftCR For: Approval  
 28.552 v18.4.0  
 Source: Nokia, Nokia Shanghai Bell*

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

##### 6.5.6.3 MANWDAF\_WoP#3

**S5-236642 Rel-18 CR 28.552 Add use case on NWDAF ML model related measurements**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0469 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236960**.

**S5-236960 Rel-18 CR 28.552 Add use case on NWDAF ML model related monitoring**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0469 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236642)

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

**S5-236644 Rel-18 CR 28.552 Add measurements related to number of ML models in NWDAF**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0470 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236645 Rel-18 CR 28.552 Add measurements related to size of ML models in NWDAF**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0471 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236646 Rel-18 CR 28.552 Add measurements related to usage of ML models in NWDAF**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0472 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237165**.

**S5-237165 Rel-18 CR 28.552 Add measurements related to usage of ML models in NWDAF**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0472 rev 1 Cat: B (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236646)

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

#### 6.5.7 Enhanced Edge Computing Management

##### 6.5.7.1 eECM\_WoP#1

**S5-236272 Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14**

*Type: CR For: Approval  
 28.538 v18.4.0 CR-0045 Cat: D (Rel-18)  
  
 Source: AsiaInfo, China Unicom*

**Abstract:**

Correct the errors in the requirement label in section 5.1.14

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

**S5-236273 Rel-18 CR TS 28.538 Adding SLA requirements in EASRequirements IOC**

*Type: CR For: Approval  
 28.538 v18.4.0 CR-0046 Cat: B (Rel-18)  
  
 Source: AsiaInfo, China Unicom*

**Abstract:**

As described in GSMA Operator Platform Telco Edge Requirements, the OP shall support the SLA requirements from the Application providers. A SLA description allows an Application Provider to describe the physical constraints in an edge network that should

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

**S5-236279 Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14**

*Type: CR For: Approval  
 28.538 v18.4.0 CR-0047 Cat: F (Rel-18)  
  
 Source: AsiaInfo, China Unicom*

**Abstract:**

Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14

**Decision:** The document was **revised to S5-237087**.

**S5-237087 Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14**

*Type: CR For: Approval  
 28.538 v18.4.0 CR-0047 rev 1 Cat: F (Rel-18)  
  
 Source: AsiaInfo, China Unicom*

(Replaces S5-236279)

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

**S5-236280 Adding SLA requirements in EASRequirements IOC**

*Type: CR For: Approval  
 28.538 v18.4.0 CR-0048 Cat: B (Rel-18)  
  
 Source: AsiaInfo, China Unicom*

**Abstract:**

As described in GSMA Operator Platform Telco Edge Requirements, the OP shall support the SLA requirements from the Application providers. A SLA description allows an Application Provider to describe the physical constraints in an edge network that should

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

**S5-236594 Rel-18 InputToDraftCR 28.538 Federated ECS Management Requirements**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-237089**.

**S5-237089 Rel-18 InputToDraftCR 28.538 Federated ECS Management Requirements**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

(Replaces S5-236594)

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

**S5-237245 Draft CR ECM**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Samsung*

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

##### 6.5.7.2 eECM\_WoP#2

**S5-236404 Rel-18 DraftCR 28.538 update UC description for EAS LCM**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237090**.

**S5-237090 Rel-18 DraftCR 28.538 update UC description for EAS LCM**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

(Replaces S5-236404)

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

##### 6.5.7.3 eECM\_WoP#3

**S5-236400 Rel-18 DraftCR 28.538 add query EDN availalbe edge resource requirements**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237091**.

**S5-237091 Rel-18 DraftCR 28.538 add query EDN availalbe edge resource requirements**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

(Replaces S5-236400)

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

**S5-236403 Rel-18 DraftCR 28.538 EAS resource reservation requirements**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237093**.

**S5-237093 Rel-18 DraftCR 28.538 EAS resource reservation requirements**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

(Replaces S5-236403)

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

**S5-236405 Rel-18 DraftCR 28.538 add support for virtual infra resource requirement**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237185**.

**S5-237185 Rel-18 DraftCR 28.538 add support for virtual infra resource requirement**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

(Replaces S5-236405)

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

**S5-236406 Rel-18 draftCR 28.538 adding aVailableEdgeResources in EDN**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237092**.

**S5-237092 Rel-18 draftCR 28.538 adding aVailableEdgeResources in EDN**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

(Replaces S5-236406)

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

**S5-236408 Rel-18 draftCR 28.538 adding EAS resource reservation procedure**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237095**.

**S5-237095 Rel-18 draftCR 28.538 adding EAS resource reservation procedure**

*Type: draftCR For: Approval  
 28.538 v18.4.0  
 Source: Huawei*

(Replaces S5-236408)

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

**S5-236584 Rel-18 InputToDraftCR 28.538 Federation Procedure**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-237183**.

**S5-237183 Rel-18 InputToDraftCR 28.538 Federation Procedure**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

(Replaces S5-236584)

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

**S5-236586 Rel-18 InputToDraftCR 28.538 Federation NRM**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-237184**.

**S5-237184 Rel-18 InputToDraftCR 28.538 Federation NRM**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

(Replaces S5-236586)

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

**S5-236588 Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management Procedure**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-237096**.

**S5-237096 Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management Procedure**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

(Replaces S5-236588)

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

**S5-236589 Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management NRM**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-237097**.

**S5-237097 Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management NRM**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

(Replaces S5-236589)

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

#### 6.5.8 Management Aspect of 5GLAN

##### 6.5.8.1 5GLAN\_Mgt\_WoP#1

##### 6.5.8.2 5GLAN\_Mgt\_WoP#2

#### 6.5.9 Management Aspects of NTN

##### 6.5.9.1 OAM\_NTN\_WoP#1

**S5-236643 Rel-18 CR TS 28.530 Add management capability support for integration with satellite networking**

*Type: CR For: Approval  
 28.530 v17.4.0 CR-0058 Cat: B (Rel-18)  
  
 Source: China Unicom, CATT*

**Decision:** The document was **revised to S5-237098**.

**S5-237098 Rel-18 CR TS 28.530 Add management capability support for integration with satellite networking**

*Type: CR For: Approval  
 28.530 v17.4.0 CR-0058 rev 1 Cat: B (Rel-18)  
  
 Source: China Unicom, CATT,China Telecom*

(Replaces S5-236643)

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

**S5-236752 Add requirement for IOT-NTN management**

*Type: CR For: Approval  
 28.657 v17.0.0 CR-0009 Cat: B (Rel-18)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-237099**.

**S5-237099 Add requirement for IOT-NTN management**

*Type: CR For: Approval  
 28.657 v17.0.0 CR-0009 rev 1 Cat: B (Rel-18)  
  
 Source: CATT*

(Replaces S5-236752)

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

**S5-236870 Rel-17 CR TS 28.530 Add management capability to support IoT NTN scenario**

*Type: CR For: Agreement  
 28.530 v17.4.0 CR-0059 Cat: B (Rel-17)  
  
 Source: China Telecom*

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

##### 6.5.9.2 OAM\_NTN\_WoP#2

**S5-236465 Rel-18 CR TS28.541 Remove the duplicated attributes**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1047 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236837**.

**S5-236753 Add NRM Info Model definitions for IOT-NTN management**

*Type: CR For: Approval  
 28.658 v17.1.0 CR-0063 Cat: B (Rel-18)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-237100**.

**S5-237100 Add NRM Info Model definitions for IOT-NTN management**

*Type: CR For: Approval  
 28.658 v17.1.0 CR-0063 rev 1 Cat: B (Rel-18)  
  
 Source: CATT*

(Replaces S5-236753)

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

**S5-236754 Add NRM solution set definitions for IOT-NTN management**

*Type: CR For: Approval  
 28.659 v17.1.0 CR-0041 Cat: B (Rel-18)  
  
 Source: CATT*

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

**S5-236837 Rel-18 CR TS28.541 Remove the duplicated attributes**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1047 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236465)

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

##### 6.5.9.3 OAM\_NTN\_WoP#3

**S5-236593 Rel-18 CR TS 28.552 Adapt the Average delay DL air-interface measurement and Distribution of delay DL air-interface measurement to support cases for MEO and GEO satellite links**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0468 Cat: C (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237101**.

**S5-237101 Rel-18 CR TS 28.552 Adapt the Average delay DL air-interface measurement and Distribution of delay DL air-interface measurement to support cases for MEO and GEO satellite links**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0468 rev 1 Cat: C (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236593)

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

**S5-236595 Rel-18 CR TS 28.554 Adapt the Downlink delay in NG-RAN and gNB-DU to support cases for MEO and GEO satellite links**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0146 Cat: C (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237102**.

**S5-237102 Rel-18 CR TS 28.554 Adapt the Downlink delay in NG-RAN and gNB-DU to support cases for MEO and GEO satellite links**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0146 rev 1 Cat: C (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236595)

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

#### 6.5.10 Management of cloud-native Virtualized Network Functions

##### 6.5.10.1 MCVNF\_WoP#1

**S5-236488 Rel-18 CR TS 28.533 Add a note sentence in clause A.4**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0117 Cat: F (Rel-18)  
  
 Source: China Mobile (Hangzhou) Inf.*

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

**S5-236510 Rel-18 CR TS 28.533 Add a note sentence in clause A.4**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0118 Cat: F (Rel-18)  
  
 Source: China Mobile (Hangzhou) Inf.*

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

**S5-236511 Add a note sentence in clause A.4**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0119 Cat: F (Rel-18)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S5-237103**.

**S5-237103 Add a note sentence in clause A.4**

*Type: CR For: Agreement  
 28.533 v17.4.0 CR-0119 rev 1 Cat: F (Rel-18)  
  
 Source: China Mobile*

(Replaces S5-236511)

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

##### 6.5.10.2 MCVNF\_WoP#2

**S5-236739 Add the introduction for the procedure of NF instance creation**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0225 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is proposed to add the introduction for the procedure of NF instance creation

**Decision:** The document was **revised to S5-237106**.

**S5-237106 Add the introduction for the procedure of NF instance creation**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0225 rev 1 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236739)

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

**S5-236740 Add the introduction for the procedure of NF instance deletion**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0226 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is proposed to add the introduction for the procedure of NF instance deletion

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

**S5-236742 Add the introduction for the procedure of NF instance modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0227 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

**Abstract:**

This contribution is proposed to add the introduction for the procedure of NF instance modification

**Decision:** The document was **revised to S5-237107**.

**S5-237107 Add the introduction for the procedure of NF instance modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0227 rev 1 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-236742)

**Decision:** The document was **revised to S5-237223**.

**S5-237223 Add the introduction for the procedure of NF instance modification**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0227 rev 2 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

(Replaces S5-237107)

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

##### 6.5.10.3 MCVNF\_WoP#3

**S5-236523 Update the scope of TS 28.531**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0224 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-237108**.

**S5-237108 Update the scope of TS 28.531**

*Type: CR For: Approval  
 28.531 v18.3.0 CR-0224 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S5-236523)

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

#### 6.5.11 Management Aspects of 5G Network Sharing Phase2

6.5.11.1 MANS\_ph2\_WoP#1

**S5-236316 Rel-18 CR TS 28.541 Add YAML solution set for NRM for operator specific QoS model for RAN sharing**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1029 Cat: B (Rel-18)  
  
 Source: Huawei*

**Abstract:**

YAML SS for agreed CR S5-235941

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

**S5-236317 Rel-18 CR TS28.541 Udpate clause O.3 RAN Sharing usage recommendation**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1030 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236318 Rel-18 CR TS 28.541 Address EP\_F1 issue for MOCN RAN sharing scenario**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1031 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-237109 Rel-18 CR TS 28.541 Address EP\_F1 issue for MOCN RAN sharing scenario**

*Type: CR For: Agreement  
 28.541 v18.5.0 CR-1031 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

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

##### 6.5.11.2 MANS\_ph2\_WoP#2

**S5-236524 Rel-18 CR 28.541 Update recommended QoS model usage for Shared RAN (yang update)**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1048 Cat: C (Rel-18)  
  
 Source: Ericsson Inc.*

**Decision:** The document was **revised to S5-237110**.

**S5-237110 Rel-18 CR 28.541 Update recommended QoS model usage for Shared RAN (yang update)**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1048 rev 1 Cat: C (Rel-18)  
  
 Source: Ericsson Inc.*

(Replaces S5-236524)

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

**S5-236767 Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0481 Cat: B (Rel-18)  
  
 Source: S5*

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

**S5-236772 Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0482 Cat: B (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237111**.

**S5-237111 Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario**

*Type: CR For: Approval  
 28.552 v18.4.0 CR-0482 rev 1 Cat: B (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236772)

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

#### 6.5.12 Management Aspects of URLLC

##### 6.5.12.1 URLLC\_Mgt\_WoP#1

**S5-236382 Rel-18 CR TS 28.541 Fix Slice NRM YAML definition for dLReliability and uLReliability**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1046 Cat: C (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236856 Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1052 Cat: B (Rel-18)  
  
 Source: China Unicom*

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

**S5-236864 Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1053 Cat: B (Rel-18)  
  
 Source: China Unicom*

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

**S5-236866 Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1054 Cat: B (Rel-18)  
  
 Source: China Unicom*

**Decision:** The document was **revised to S5-237112**.

**S5-237112 Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN**

*Type: CR For: Approval  
 28.541 v18.5.0 CR-1054 rev 1 Cat: B (Rel-18)  
  
 Source: China Unicom*

(Replaces S5-236866)

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

##### 6.5.12.2 URLLC\_Mgt\_WoP#2

**S5-236857 Rel-18 CR 28.554 Add new KPI on DL reliability with delay threshold in RAN**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0150 Cat: B (Rel-18)  
  
 Source: China Unicom*

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

**S5-236865 Rel-18 CR 28.554 Add new KPI on DL reliability with delay threshold in RAN**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0152 Cat: B (Rel-18)  
  
 Source: China Unicom*

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

### 6.6 OAM&P Rel-18 Work Items - Support of New Services

#### 6.6.1 Access control for management service

##### 6.6.1.1 MSAC\_WoP#1

**S5-236666 Rewised WID Access control for management service**

*Type: WID revised For: Approval  
 Source: Nokia UK*

**Decision:** The document was **revised to S5-237169**.

**S5-237169 Rewised WID Access control for management service**

*Type: WID revised For: Approval  
 Source: Nokia UK*

(Replaces S5-236666)

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

**S5-236668 Rel-18 InputToDraftCR 28.533 on Entities and interactions for Access control**

*Type: draftCR For: Approval  
 28.533 v17.4.0  
 Source: Nokia UK*

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

##### 6.6.1.2 MSAC\_WoP#2

**S5-236667 Rel-18 InputToDraftCR on 28.533 on Access control related to ConditionForMOIs**

*Type: draftCR For: (not specified)  
 28.533 v17.4.0  
 Source: Nokia UK*

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

##### 6.6.1.3 MSAC\_WoP#3

**S5-236669 Rel-18 InputToDraftCR 28.533 on Stage 3 for Access control for management service**

*Type: draftCR For: Approval  
 28.533 v17.4.0  
 Source: Nokia UK*

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

##### 6.6.1.4 MSAC\_WoP#4

**S5-236670 Rel-18 pCR 28.xxx sections and headers for new proposed TS on access control**

*Type: other For: Approval  
 Source: Nokia UK*

**Decision:** The document was **revised to S5-237170**.

**S5-237170 Rel-18 pCR 28.xxx sections and headers for new proposed TS on access control**

*Type: other For: Approval  
 Source: Nokia UK*

(Replaces S5-236670)

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

**S5-236671 TS 28.xxx Skeleton TS on Access control of Management services**

*Type: other For: Approval  
 Source: Nokia UK*

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

#### 6.6.2 Enhancements of EE for 5G Phase 2

##### 6.6.2.1 EE5GPLUS\_Ph2\_WoP#1

**S5-236418 Rel-18 CR 28.310 Update on energy saving for UPFs**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0037 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237058**.

**S5-237058 Rel-18 CR 28.310 Update on energy saving for UPFs**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0037 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei, China Mobile*

(Replaces S5-236418)

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

**S5-236421 Rel-18 CR 28.622 Add energy saving attributes to IOC ManagedFunction**

*Type: CR For: Agreement  
 28.622 v18.4.0 CR-0291 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236422 Rel-18 CR 28.623 Add energy saving attributes to IOC ManagedFunction**

*Type: CR For: Agreement  
 28.623 v18.4.0 CR-0275 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236513 Add definitions**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0039 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237094**.

**S5-237094 Add definitions**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0039 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236513)

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

**S5-236514 Describe example scenarios involving multiple roles in EE KPI building**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0040 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237085**.

**S5-237085 Describe example scenarios involving multiple roles in EE KPI building**

*Type: CR For: Agreement  
 28.310 v18.3.0 CR-0040 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236514)

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

**S5-236796 Rel-18 CR TS 28.310 Fix the description on UPFs for energy saving**

*Type: CR For: Approval  
 28.310 v18.3.0 CR-0041 Cat: F (Rel-18)  
  
 Source: China Mobile*

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

**S5-236800 Rel-18 CR TS 28.310 Update on energy saving for NEs and NFs**

*Type: CR For: Approval  
 28.310 v18.3.0 CR-0042 Cat: B (Rel-18)  
  
 Source: China Mobile*

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

**S5-237059 LS to SA2 on the scope of the ES solutions for 5GC functions**

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

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

##### 6.6.2.2 EE5GPLUS\_Ph2\_WoP#2

**S5-236855 Rel-18 Add KPI on Energy Efficiency of URLLC Network Slice based on reliability**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0149 Cat: B (Rel-18)  
  
 Source: China Unicom, Ericsson*

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

**S5-236863 Rel-18 Add KPI on Energy Efficiency of URLLC Network Slice based on reliability**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0151 Cat: B (Rel-18)  
  
 Source: China Unicom, Ericsson*

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

**S5-236872 Rel-18 CR TS 28.554 KPI for EE of URLLC NS based on its reliability**

*Type: CR For: Approval  
 28.554 v18.3.1 CR-0153 Cat: B (Rel-18)  
  
 Source: Samsung Electronics Czech*

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

#### 6.6.3 Management of non-public networks phase 2

##### 6.6.3.1 OAM\_NPN\_Ph2\_WoP#1

##### 6.6.3.2 OAM\_NPN\_Ph2\_WoP#2

**S5-236420 Rel-18 CR TS 28.557 Add use case and requirements for SLA monitoring and assurance**

*Type: CR For: Agreement  
 28.557 v18.1.0 CR-0007 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236942**.

**S5-236942 Rel-18 CR TS 28.557 Add use case and requirements for SLA monitoring and assurance**

*Type: CR For: Agreement  
 28.557 v18.1.0 CR-0007 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236420)

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

##### 6.6.3.3 OAM\_NPN\_Ph2\_WoP#3

**S5-236419 Rel-18 CR TS 28.557 Add use case and requirements for dedicated resource demand for Smart Grid Utilities**

*Type: CR For: Agreement  
 28.557 v18.1.0 CR-0006 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236943**.

**S5-236943 Rel-18 CR TS 28.557 Add use case and requirements for dedicated resource demand for Smart Grid Utilities**

*Type: CR For: Agreement  
 28.557 v18.1.0 CR-0006 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236419)

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

##### 6.6.3.4 OAM\_NPN\_Ph2\_WoP#4

#### 6.6.4 Network and Service Operations for Energy Utilities

##### 6.6.4.1 NSOEU\_WoP#1

**S5-236842 Rel-18 pCR 28.318 clause 3 Definitions and Acronyms**

*Type: pCR For: Agreement  
 28.318 v0.1.0  
 Source: Nokia*

**Decision:** The document was **revised to S5-237061**.

**S5-237061 Rel-18 pCR 28.318 clause 3 Definitions and Acronyms**

*Type: pCR For: Agreement  
 28.318 v0.1.0  
 Source: Nokia*

(Replaces S5-236842)

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

**S5-237039 Draft TS 28.318**

*Type: draft TS For: Approval  
 28.318 v0.2.0  
 Source: Samsung*

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

**S5-237062 Draft TS 28.318**

*Type: draft TS For: Approval  
 28.318 v0.2.0  
 Source: Samsung*

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

**S5-237118 Documenting KPIs in TS 28.318**

*Type: discussion For: Discussion  
 Source: Samsung*

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

##### 6.6.4.2 NSOEU\_WoP#2

**S5-236238 Rel-18 pCR 28.318 5.Y Exposed performance monitoring requirements**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

**Abstract:**

The requirements for exposed exposed performance monitoring have not yet been added. These are needed in the TS as stage 1 for the feature corresponding to the objective in the NSOEU WID (SP-230632).

**Decision:** The document was **revised to S5-237063**.

**S5-237063 Rel-18 pCR 28.318 5.Y Exposed performance monitoring requirements**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

(Replaces S5-236238)

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

**S5-236342 Rel-18 pCR 28.318 Availability KPI definition**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Nokia Hungary*

**Decision:** The document was **revised to S5-237064**.

**S5-237064 Rel-18 pCR 28.318 Availability KPI definition**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Nokia Hungary*

(Replaces S5-236342)

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

**S5-236375 Measurements for cell service status for energy utilities**

*Type: CR For: Agreement  
 28.552 v18.4.0 CR-0464 Cat: B (Rel-18)  
  
 Source: Samsung, EUTC, Deutsche Telekom, EDF*

**Abstract:**

New measurements reflecting cells service status performance and for calculating availability KPI in network for fulfilling energy utilities requirements are defined.

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

**S5-236376 PI for cell and network availability for energy utilities**

*Type: CR For: Agreement  
 28.554 v18.3.1 CR-0145 Cat: B (Rel-18)  
  
 Source: Samsung, EUTC, EDF, Deutsche Telekom*

**Abstract:**

A new KPI for calculating availability in network in terms of cells service status as required by energy utilities is defined

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

**S5-236378 NRM enhancements to support Network Performance Monitoring for Energy utilities**

*Type: CR For: Agreement  
 28.622 v18.4.0 CR-0290 Cat: B (Rel-18)  
  
 Source: Samsung, EUTC, EDF, Deutsche Telekom*

**Abstract:**

A required attribute is added to ThresholdInfo <<dataType>>.

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

##### 6.6.4.3 NSOEU\_WoP#3

**S5-236237 Rel-18 pCR 28.318 5.X Exposed coordinated recovery requirements**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

**Abstract:**

The requirements for exposed coordinated energy recovery have not yet been added. These are needed in the TS as stage 1 for the feature corresponding to the objective in the NSOEU WID (SP-230632).

**Decision:** The document was **revised to S5-237067**.

**S5-237067 Rel-18 pCR 28.318 5.X Exposed coordinated recovery requirements**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

(Replaces S5-236237)

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

**S5-236239 Rel-18 pCR 28.318 Annex X Coordinated energy service recovery business relationship model**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

**Abstract:**

Without clarifying the business relationships of different entities involved with coordinated energy service recovery it is not feasible to specify the associated stage 1 requirements.

**Decision:** The document was **revised to S5-237069**.

**S5-237069 Rel-18 pCR 28.318 Annex X Coordinated energy service recovery business relationship model**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

(Replaces S5-236239)

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

**S5-236240 Rel-18 pCR 28.318 Annex Y Coordinated energy recovery scenarios**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

**Abstract:**

It would be valuable to capture the essential aspects of the two scenarios supported in coordinated energy service recovery in an informative annex for clarity, completeness and to shorten the text needed in the normative clauses of TS 28.318.

**Decision:** The document was **revised to S5-237070**.

**S5-237070 Rel-18 pCR 28.318 Annex Y Coordinated energy recovery scenarios**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, BMWK, EDF, Deutsche Telekom*

(Replaces S5-236240)

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

**S5-236343 Rel-18 pCR 28.318 Availability KPI definition**

*Type: pCR For: Discussion  
 28.318 v0.1.0  
 Source: Nokia Hungary*

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

**S5-236377 NRM enhancements to support Energy utility and telecommunication coordinated rapid recovery of energy service**

*Type: CR For: Agreement  
 28.622 v18.4.0 CR-0289 Cat: B (Rel-18)  
  
 Source: Samsung, EUTC, EDF, Deutsche Telekom*

**Abstract:**

Required NRM fragments’ relationships & inheritence, class, datatypes and associated attributes are added as part of NRMs enhancements.

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

**S5-236379 Rel-18 pCR 28.318 6.X Coordinated energy recovery procedures**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, EDF, Deutsche Telekom*

**Abstract:**

The stage 2 definition of coordinated energy recovery procedures is defined in clause 6 of the TS.

**Decision:** The document was **revised to S5-237071**.

**S5-237071 Rel-18 pCR 28.318 6.X Coordinated energy recovery procedures**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, EDF, Deutsche Telekom*

(Replaces S5-236379)

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

**S5-236380 NOSEU approach to exposing UPS capacity**

*Type: discussion For: Discussion  
 28.318 v..  
 Source: Samsung, EUTC, EDF, Deutsche Telekom*

**Abstract:**

This discussion paper considers UPS capacity, how to model, expose and define this in 28.318 and related NSOEU CRs.

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

**S5-236840 Rel-18 pCR 28.318 Annex A.Y perf thresh procedure**

*Type: pCR For: Agreement  
 28.318 v0.1.0  
 Source: Nokia*

**Decision:** The document was **revised to S5-237065**.

**S5-237065 Rel-18 pCR 28.318 Annex A.Y perf thresh procedure**

*Type: pCR For: Agreement  
 28.318 v0.1.0  
 Source: Nokia*

(Replaces S5-236840)

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

**S5-236841 Rel-18 pCR 28.318 Annex A.Y mgmtdata procedure**

*Type: pCR For: Agreement  
 28.318 v0.1.0  
 Source: Nokia*

**Decision:** The document was **revised to S5-237066**.

**S5-237066 Rel-18 pCR 28.318 Annex A.Y mgmtdata procedure**

*Type: pCR For: Agreement  
 28.318 v0.1.0  
 Source: Nokia*

(Replaces S5-236841)

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

##### 6.6.4.4 NSOEU\_WoP#4

**S5-236241 Rel-18 pCR 28.318 Address editor's notes**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, EDF, BMWK, Deutsche Telekom*

**Abstract:**

Removal of editor's notes is necessary to conclude work on TS 28.318.

**Decision:** The document was **revised to S5-237072**.

**S5-237072 Rel-18 pCR 28.318 Address editor's notes**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: Samsung, EUTC, EDF, BMWK, Deutsche Telekom*

(Replaces S5-236241)

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

**S5-236256 Rel-18 pCR 28.318 Clarifications**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: EUTC, Samsung, BMWK, EDF, Deutsche Telekom*

**Abstract:**

This pCR clarifies some statements in TS 28.318 to align with the understanding of energy utilities.

**Decision:** The document was **revised to S5-237073**.

**S5-237073 Rel-18 pCR 28.318 Clarifications**

*Type: pCR For: Approval  
 28.318 v0.1.0  
 Source: EUTC, Samsung, BMWK, EDF, Deutsche Telekom*

(Replaces S5-236256)

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

**S5-236381 Rel-18 pCR 28.318 Exposure of SA5 APIs to verticals through CAPIF**

*Type: discussion For: Discussion  
 28.318 v0.1.0  
 Source: Nokia Hungary*

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

**S5-236848 Discussion DNs in NSOEU**

*Type: discussion For: Discussion  
 Source: Nokia*

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

### 6.7 OAM&P Studies - Intelligence and Automation

#### 6.7.1 Study on enhancement of autonomous network levels

##### 6.7.1.1 FS\_eANL\_WoP#1

**S5-236760 pCR TR 28.910 rapporteur clean up**

*Type: pCR For: Approval  
 28.910 v0.6.0  
 Source: China Mobile*

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

**S5-236761 pCR TR 28.910 Add conclusion and recommendation**

*Type: pCR For: Approval  
 28.910 v0.6.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-237171**.

**S5-237171 pCR TR 28.910 Add conclusion and recommendation**

*Type: pCR For: Approval  
 28.910 v0.6.0  
 Source: China Mobile, Huawei*

(Replaces S5-236761)

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

**S5-237239 pCR TR 28.910 Add conclusion and recommendation**

*Type: pCR For: Approval  
 28.910 v0.6.0  
 Source: China Mobile, Huawei*

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

**S5-236762 Presentation of Report to TSG TR 28.910 Version 1.0.0**

*Type: TS or TR cover For: Approval  
 28.910 v..  
 Source: China Mobile*

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

##### 6.7.1.2 FS\_eANL\_WoP#2

##### 6.7.1.3 FS\_eANL\_WoP#3

**S5-236395 pCR TR 28.910 Add solution for 5GC NF deployment**

*Type: draftCR For: Approval  
 28.910 v0.6.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-237172**.

**S5-237172 pCR TR 28.910 Add solution for 5GC NF deployment**

*Type: draftCR For: Approval  
 28.910 v0.6.0  
 Source: Huawei, China Mobile*

(Replaces S5-236395)

**Decision:** The document was **revised to S5-237243**.

**S5-237243 pCR TR 28.910 Add solution for 5GC NF deployment**

*Type: draftCR For: Approval  
 28.910 v0.6.0  
 Source: Huawei, China Mobile*

(Replaces S5-237172)

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

##### 6.7.1.4 FS\_eANL\_WoP#4

##### 6.7.1.5 Draft TR email approval

**S5-237115 Draft TR 28.910**

*Type: draft TR For: Approval  
 28.910 v0.7.0  
 Source: China Mobile*

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

#### 6.7.2 Study on evaluation of autonomous network levels

##### 6.7.2.1 FS\_ANLEVA\_WoP#1

##### 6.7.2.2 FS\_ANLEVA\_WoP#2

**S5-236802 DP on Effectiveness Indicators in Autonomous Network**

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

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

##### 6.7.2.3 FS\_ANLEVA\_WoP#3

##### 6.7.2.4 FS\_ANLEVA\_WoP#4

##### 6.7.2.5 Draft TR email approval

#### 6.7.3 Study on intent-driven management for network slicing

##### 6.7.3.1 FS\_NETSLICE\_IDMS\_WoP#1

**S5-236487 pCR 28.836 Add solution of modelling CNSliceProfile attributes as intent expectation for CN network slice subnetwork**

*Type: pCR For: Approval  
 28.836 v0.5.0  
 Source: Huawei*

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

##### 6.7.3.2 FS\_NETSLICE\_IDMS\_WoP#2

**S5-236694 pCR TR 28.836 Add definitions**

*Type: pCR For: Approval  
 28.836 v1.1.0  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG*

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

**S5-236695 pCR TR 28.836 Enhance benefit description in 4.6**

*Type: pCR For: Approval  
 28.836 v1.1.0  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG, Telefónica, Huawei*

**Decision:** The document was **revised to S5-237174**.

**S5-237174 pCR TR 28.836 Enhance benefit description in 4.6**

*Type: pCR For: Approval  
 28.836 v1.1.0  
 Source: L.M. Ericsson Limited, Deutsche Telekom AG, Telefónica, Huawei*

(Replaces S5-236695)

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

##### 6.7.3.3 FS\_NETSLICE\_IDMS\_WoP#3

##### 6.7.3.4 FS\_NETSLICE\_IDMS\_WoP#4

**S5-236507 Rel-18\_CR\_28836\_Correct issues of procedure for NS delivering and assurance**

*Type: CR For: Approval  
 28.312 v18.1.1 CR-0149 Cat: F (Rel-18)  
  
 Source: ZTE Corporation*

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

**S5-236509 Rel-18\_CR\_28836\_Correct issues of procedure for NS delivering and assurance**

*Type: pCR For: Approval  
 28.836 v18.1.0  
 Source: ZTE Corporation*

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

##### 6.7.3.5 FS\_NETSLICE\_IDMS\_WoP#5

##### 6.7.3.6 Draft TR email approval

**S5-237173 Draft TR 28.836**

*Type: draft TR For: Approval  
 28.836 v1.2.0  
 Source: Ericsson*

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

#### 6.7.4 Study on Fault Supervision Evolution

##### 6.7.4.1 FS\_FSEV\_WoP#1

**S5-236425 pCR TR 28.830 Add description of relation with performance management**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-237175**.

**S5-237175 pCR TR 28.830 Add description of relation with performance management**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

(Replaces S5-236425)

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

##### 6.7.4.2 FS\_FSEV\_WoP#2

**S5-236426 pCR TR 28.830 Add solution of performance related alarm analysis**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-237176**.

**S5-237176 pCR TR 28.830 Add solution of performance related alarm analysis**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

(Replaces S5-236426)

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

**S5-236427 pCR TR 28.830 Add solution of root cause analysis enhancement**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-237177**.

**S5-237177 pCR TR 28.830 Add solution of root cause analysis enhancement**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

(Replaces S5-236427)

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

**S5-236428 pCR TR 28.830 Add solution of fault impact analysis**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-237178**.

**S5-237178 pCR TR 28.830 Add solution of fault impact analysis**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei, China Mobile*

(Replaces S5-236428)

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

##### 6.7.4.3 FS\_FSEV\_WoP#3

**S5-236429 pCR TR 28.830 Add description for MDA and close loop control**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237179**.

**S5-237179 pCR TR 28.830 Add description for MDA and close loop control**

*Type: pCR For: Approval  
 28.830 v0.5.0  
 Source: Huawei*

(Replaces S5-236429)

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

##### 6.7.4.4 Draft TR email approval

**S5-237040 Draft TR 28.830**

*Type: draft TR For: Approval  
 28.830 v0.6.0  
 Source: China Mobile*

**Decision:** The document was **email approval**.

### 6.8 OAM&P Studies - Management Architecture and Mechanisms

#### 6.8.1 Study on Data management phase 2

##### 6.8.1.1 FS\_MADCOL\_ph2\_WoP#1

**S5-236563 pCR TR 28.842 Potential solution for discovery of stored management data**

*Type: pCR For: Approval  
 28.842 v0.5.0  
 Source: Microsoft Europe SARL*

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

**S5-237180 pCR TR 28.842 Potential solution for discovery of stored management data**

*Type: pCR For: Approval  
 28.842 v0.5.0  
 Source: Microsoft Europe SARL*

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

##### 6.8.1.2 FS\_MADCOL\_ph2\_WoP#2

**S5-236562 pCR TR 28.842 Potential solution for retrieval of stored management data**

*Type: pCR For: Approval  
 28.842 v0.5.0  
 Source: Microsoft Europe SARL*

**Decision:** The document was **revised to S5-237181**.

**S5-237181 pCR TR 28.842 Potential solution for retrieval of stored management data**

*Type: pCR For: Approval  
 28.842 v0.5.0  
 Source: Microsoft Europe SARL, Ericsson, Huawei*

(Replaces S5-236562)

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

**S5-236585 Rel-18 pCR 28.842 New KI on Management data model**

*Type: pCR For: Approval  
 28.842 v0.5.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236587 Rel-18 pCR 28.842 New KI on Context information for historical data**

*Type: pCR For: Approval  
 28.842 v0.5.0  
 Source: Nokia, Nokia Shanghai Bell*

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

##### 6.8.1.3 FS\_MADCOL\_ph2\_WoP#3

##### 6.8.1.4 FS\_MADCOL\_ph2\_WoP#4

##### 6.8.1.5 Draft TR email approval

**S5-237182 Draft TR 28.842**

*Type: draft TR For: Approval  
 28.842 v0.6.0  
 Source: Nokia*

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

### 6.9 OAM&P Studies - Support of New Services

#### 6.9.1 Study on Key Quality Indicators (KQIs)for 5G service experience

##### 6.9.1.1 FS\_KQI\_5G\_WoP#1

##### 6.9.1.2 FS\_KQI\_5G\_WoP#2

**S5-236469 pCR TR 28.863 Issue # 3: Description for KQIs for Video Uploading**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237187**.

**S5-237187 pCR TR 28.863 Issue # 3: Description for KQIs for Video Uploading**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

(Replaces S5-236469)

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

**S5-236471 pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Hawei*

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

**S5-236678 pCR TR 28.863 Issue4 definition of Remote controll**

*Type: pCR For: (not specified)  
 28.863 v0.7.0  
 Source: Huawei*

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

**S5-236741 pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: HUAWEI TECHNOLOGIES Co. Ltd.*

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

**S5-236746 pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: HUAWEI*

**Decision:** The document was **revised to S5-237189**.

**S5-237189 pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: HUAWEI*

(Replaces S5-236746)

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

##### 6.9.1.3 FS\_KQI\_5G\_WoP#3

**S5-236472 pCR TR 28.863 Issue4 definition of Remote controll**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Hawei*

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

**S5-236679 pCR TR 28.863 Issue4 definition of Remote controll**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237190**.

**S5-237190 pCR TR 28.863 Issue4 definition of Remote controll**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

(Replaces S5-236679)

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

##### 6.9.1.4 FS\_KQI\_5G\_WoP#4

##### 6.9.1.5 FS\_KQI\_5G\_WoP#5

**S5-236481 pCR TR 28.863 Issue5 Description of SLS requirements**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237191**.

**S5-237191 pCR TR 28.863 Issue5 Description of SLS requirements**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

(Replaces S5-236481)

**Decision:** The document was **revised to S5-237240**.

**S5-237240 pCR TR 28.863 Issue5 Description of SLS requirements**

*Type: pCR For: Approval  
 28.863 v0.7.0  
 Source: Huawei*

(Replaces S5-237191)

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

##### 6.9.1.6 Draft TR email approval

**S5-237188 Draft TR 28.863**

*Type: draft TR For: Approval  
 28.863 v0.8.0  
 Source: Huawei*

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

#### 6.9.2 Study on Deterministic Communication Service Assurance

##### 6.9.2.1 FS\_DCSA\_WoP#1

##### 6.9.2.2 FS\_DCSA\_WoP#2

**S5-236432 pCR TR 28.865 Add conclusion of issue1 provisioning of network functions**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237192**.

**S5-237192 pCR TR 28.865 Add conclusion of issue1 provisioning of network functions**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

(Replaces S5-236432)

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

##### 6.9.2.3 FS\_DCSA\_WoP#3

##### 6.9.2.4 FS\_DCSA\_WoP#4

**S5-236430 pCR TR 28.865 Update solution of service assurance for video monitoring**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237193**.

**S5-237193 pCR TR 28.865 Update solution of service assurance for video monitoring**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

(Replaces S5-236430)

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

**S5-236431 pCR TR 28.865 Update solution of service assurance for PLC control**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237194**.

**S5-237194 pCR TR 28.865 Update solution of service assurance for PLC control**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

(Replaces S5-236431)

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

**S5-236433 pCR TR 28.865 Add conclusion of issue2 service assurance for video monitoring**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237195**.

**S5-237195 pCR TR 28.865 Add conclusion of issue2 service assurance for video monitoring**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

(Replaces S5-236433)

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

**S5-236434 pCR TR 28.865 Add conclusion of issue3 service assurance for PLC control**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237196**.

**S5-237196 pCR TR 28.865 Add conclusion of issue3 service assurance for PLC control**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

(Replaces S5-236434)

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

**S5-236435 pCR TR 28.865 Add conclusions and recommendations for the FS\_DCSA study item**

*Type: pCR For: Approval  
 28.865 v0.5.0  
 Source: Huawei*

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

##### 6.9.2.5 FS\_DCSA\_WoP#5

##### 6.9.2.6 Draft TR email approval

**S5-237242 Draft TR 28.865**

*Type: draft TR For: Approval  
 28.865 v0.6.0  
 Source: Huawei*

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

## 7 Charging

### 7.1 Charging Plenary

**S5-236209 CH agenda and time plan**

*Type: agenda For: (not specified)  
 Source: SA5 SWG CH Chair (MATRIXX Software)*

**Decision:** The document was **revised to S5-236885**.

**S5-236885 CH agenda and time plan**

*Type: agenda For: -  
 Source: SA5 SWG CH Chair (MATRIXX Software)*

(Replaces S5-236209)

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

**S5-236210 Collection of useful contributions and external communication documents**

*Type: discussion For: (not specified)  
 Source: Huawei Tech.(UK) Co.. Ltd*

**Decision:** The document was **revised to S5-236886**.

**S5-236886 Collection of useful contributions and external communication documents**

*Type: discussion For: -  
 Source: Huawei Tech.(UK) Co.. Ltd*

(Replaces S5-236210)

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

**S5-236212 Charging exec report**

*Type: report For: (not specified)  
 Source: SA5 SWG CH Chair (MATRIXX Software)*

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

**S5-236230 Reply LS on CHF Logic Realization wrt/ Spending Limits functionality**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S2-2309511*

**Decision:** The document was **replied to in S5-236896**.

**S5-236896 Reply to: Reply LS on CHF Logic Realization wrt/ Spending Limits functionality**

*Type: LS out For: approval  
 to SA2  
 Source: MATRIXX Software*

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

**S5-236274 Discussion paper on Rel-19 preparation – CH group**

*Type: discussion For: Endorsement  
 Source: SWG CH Chair*

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

**S5-236596 Discussion paper on charging open API in forge**

*Type: discussion For: Discussion  
 Source: Huawei*

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

### 7.2 New Charging Work Item proposals

**S5-236275 NEF charging framework enhancements for AI/ML**

*Type: discussion For: Decision  
 Source: OPPO*

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

### 7.3 Charging Maintenance and Rel-18 small Enhancements

**S5-236384 Rel-18 CR TS 32.291 Service Consumption with unlimited quota**

*Type: CR For: Approval  
 32.291 v18.3.0 CR-0503 Cat: C (Rel-18)  
  
 Source: Nokia. Nokia Shanghai Bell*

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

**S5-236385 Discussion Paper for Unlimited Quota charging scenario**

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

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

**S5-236597 Discussion paper on triggers in charging stage 2 and stage 3**

*Type: discussion For: Discussion  
 Source: Huawei*

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

**S5-236598 Remove the triggers in charging data message**

*Type: CR For: Agreement  
 28.201 v17.1.0 CR-0012 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-236599 Remove the triggers in charging data message**

*Type: CR For: Agreement  
 32.254 v18.1.0 CR-0033 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236600 Remove the triggers in charging data message**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0017 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236601 Remove the triggers in charging data message**

*Type: CR For: Agreement  
 32.257 v17.4.0 CR-0010 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-236602 Correction on triggers for AMF charging**

*Type: CR For: Agreement  
 32.256 v16.3.0 CR-0018 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-236603 Correction on triggers for AMF charging**

*Type: CR For: Agreement  
 32.256 v17.3.0 CR-0019 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237019**.

**S5-237019 Correction on triggers for AMF charging**

*Type: CR For: Agreement  
 32.256 v17.3.0 CR-0019 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-236603)

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

**S5-236604 Correction on triggers for AMF charging**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0020 Cat: A (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237020**.

**S5-237020 Correction on triggers for AMF charging**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0020 rev 1 Cat: A (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236604)

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

**S5-236605 Editorial correction**

*Type: CR For: Agreement  
 28.839 v18.0.0 CR-0001 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236606 Editorial correction**

*Type: CR For: Agreement  
 28.843 v18.0.0 CR-0001 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236607 Rel-18 CR 32.255 Clarification on roaming charging profile**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0443 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237029**.

**S5-237029 Rel-18 CR 32.255 Clarification on roaming charging profile**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0443 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236607)

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

**S5-236608 Update the roaming charging profile transfer**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0444 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237030**.

**S5-237030 Update the roaming charging profile transfer**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0444 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236608)

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

**S5-236609 Clarification on QBC triggers**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0445 Cat: F (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-237031**.

**S5-237031 Clarification on QBC triggers**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0445 rev 1 Cat: F (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236609)

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

**S5-236610 Clarification on message flow of home routed charging**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0446 Cat: F (Rel-18)  
  
 Source: Huawei*

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

**S5-236696 Rel-18 CR 32.291 Correction of HTTP reference**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0505 Cat: F (Rel-18)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237032**.

**S5-237032 Rel-18 CR 32.291 Correction of HTTP reference**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0505 rev 1 Cat: F (Rel-18)  
  
 Source: Ericsson LM*

(Replaces S5-236696)

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

**S5-236697 Rel-18 CR 32.291 Correction of content of type problem json**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0506 Cat: F (Rel-18)  
  
 Source: Ericsson*

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

**S5-236698 Rel-17 CR 32.298 Correction of record opening time**

*Type: CR For: Agreement  
 32.298 v17.8.0 CR-0955 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-236699 Rel-18 CR 32.298 Correction of record opening time**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0956 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236700 Rel-17 CR 32.255 Correction of record opening time**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0457 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236701 Rel-18 CR 32.255 Correction of record opening time**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0458 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236702 Rel-17 CR 32.298 Correction of duration**

*Type: CR For: Agreement  
 32.298 v17.8.0 CR-0957 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-236703 Rel-18 CR 32.298 Correction of duration**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0958 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236704 Rel-17 CR 32.298 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.298 v17.8.0 CR-0959 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236705 Rel-18 CR 32.298 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0960 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236706 Rel-17 CR 32.255 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0459 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236707 Rel-18 CR 32.255 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0460 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236708 Rel-17 CR 32.291 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.291 v17.8.0 CR-0507 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236709 Rel-18 CR 32.291 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0508 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236710 Rel-17 CR 32.260 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.260 v17.5.0 CR-0434 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236711 Rel-18 CR 32.260 Correction of invocation timestamp**

*Type: CR For: Agreement  
 32.260 v18.1.0 CR-0435 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236712 Rel-17 CR 32.255 Correction of event time stamp and service specific units in CDR**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0461 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-236713 Rel-18 CR 32.255 Correction of event time stamp and service specific units in CDR**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0462 Cat: A (Rel-18)  
  
 Source: Ericsson*

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

**S5-236714 Rel-17 CR 32.255 Correction of management trigger**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0463 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-237021**.

**S5-237021 Rel-17 CR 32.255 Correction of management trigger**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0463 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces S5-236714)

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

**S5-236715 Rel-18 CR 32.255 Correction of management trigger**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0464 Cat: A (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-237022**.

**S5-237022 Rel-18 CR 32.255 Correction of management trigger**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0464 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson*

(Replaces S5-236715)

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

**S5-236716 Rel-17 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0465 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237023**.

**S5-237023 Rel-17 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.255 v17.11.0 CR-0465 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

(Replaces S5-236716)

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

**S5-236717 Rel-18 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0466 Cat: A (Rel-18)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237024**.

**S5-237024 Rel-18 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0466 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson LM*

(Replaces S5-236717)

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

**S5-236718 Rel-17 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.291 v17.8.0 CR-0509 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237025**.

**S5-237025 Rel-17 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.291 v17.8.0 CR-0509 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

(Replaces S5-236718)

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

**S5-236719 Rel-18 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0510 Cat: A (Rel-18)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237026**.

**S5-237026 Rel-18 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0510 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson LM*

(Replaces S5-236719)

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

**S5-236720 Rel-17 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change**

*Type: CR For: Agreement  
 32.298 v17.8.0 CR-0961 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237027**.

**S5-237027 Rel-17 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change**

*Type: CR For: Agreement  
 32.298 v17.8.0 CR-0961 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

(Replaces S5-236720)

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

**S5-236721 Rel-18 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0962 Cat: A (Rel-18)  
  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237028**.

**S5-237028 Rel-18 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0962 rev 1 Cat: A (Rel-18)  
  
 Source: Ericsson LM*

(Replaces S5-236721)

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

### 7.4 Rel-18 Charging

#### 7.4.1 Charging Aspects of Network Slicing Phase 2

**S5-236282 Rel-18 pCR 28.203 Introduce Reference Point for NSACF**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

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

**S5-236283 Rel-18 CR 32.240 Introduce Reference Point for NSACF**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0471 Cat: B (Rel-18)  
  
 Source: MATRIXX Software*

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

**S5-236284 Rel-18 pCR 28.203 Solve Editor's Note - partial CDRs**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

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

**S5-236285 Rel-18 pCR 28.203 Solve Editor's Note - trigger description table**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-236897**.

**S5-236897 Rel-18 pCR 28.203 Solve Editor's Note - trigger description table**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-236285)

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

**S5-236286 Rel-18 pCR 28.203 Solve Editor's Note - charging information**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-236900**.

**S5-236900 Rel-18 pCR 28.203 Solve Editor's Note - charging information**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-236286)

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

**S5-236287 Rel-18 pCR 28.203 Introduction of Detailed message format for converged charging**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-236902**.

**S5-236902 Rel-18 pCR 28.203 Introduction of Detailed message format for converged charging**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-236287)

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

**S5-236288 Rel-18 pCR 28.203 Introduction of Bindings for Network slice admission control converged charging**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

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

**S5-236298 Rel-18 pCR 28.203 Introduction of CHF selection**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

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

**S5-236299 Rel-18 pCR 28.203 Introduction of CDR description**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

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

**S5-236903 Rel-18 pCR 28.203 Introduction of CDR description**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-236299)

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

**S5-236300 Rel-18 pCR 28.203 Introduction of Formal network slice admission control charging parameter description**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

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

**S5-236301 Rel-18 pCR 28.203 Solve Editor's Note on Abort**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-236898**.

**S5-236898 Rel-18 pCR 28.203 Solve Editor's Note on Abort**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-236301)

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

**S5-236611 Rel-18 pCR 28.203 Clarification on the quota management**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236899**.

**S5-236899 Rel-18 pCR 28.203 Clarification on the quota management**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: Huawei*

(Replaces S5-236611)

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

**S5-236612 Rel-18 pCR 28.203 Clarification on the triggers**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: Huawei*

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

**S5-236722 Rel-18 pCR 28.203 Update of triggers**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: Ericsson LM*

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

**S5-236723 Rel-18 pCR 28.203 Update of charging data request**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: Ericsson LM*

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

**S5-236901 Rel-18 pCR 28.203 Update of charging data request**

*Type: pCR For: Approval  
 28.203 v1.0.0  
 Source: Ericsson LM*

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

**S5-236887 Draft TS 28.203**

*Type: draft TS For: Approval  
 28.203 v1.1.0  
 Source: MATRIXX Software*

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

#### 7.4.2 Charging Aspects for NSSAA

**S5-236289 Rel-18 pCR 28.204 Introduce Reference Point for NSSAAF**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

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

**S5-236290 Rel-18 CR 32.240 Introduce Reference Point for NSSAAF**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0472 Cat: B (Rel-18)  
  
 Source: MATRIXX Software*

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

**S5-236291 Rel-18 pCR 28.204 Addition of applicable triggers**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

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

**S5-236292 Rel-18 pCR 28.204 Introduction of AAA-S Re-authentication and Re-authorization flows**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

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

**S5-236293 Rel-18 pCR 28.204 Introduction of AAA-S triggered Network Slice-Specific Authorization Revocation flows**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

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

**S5-236294 Rel-18 pCR 28.204 Introduce CDR generation**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-236904**.

**S5-236904 Rel-18 pCR 28.204 Introduce CDR generation**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

(Replaces S5-236294)

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

**S5-236295 Rel-18 pCR 28.204 Introduce Ga record and CDR file transfer**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

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

**S5-236296 Rel-18 pCR 28.204 Introduce definition of charging information**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-236905**.

**S5-236905 Rel-18 pCR 28.204 Introduce definition of charging information**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

(Replaces S5-236296)

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

**S5-236297 Rel-18 pCR 28.204 Introduce NSSAA specific charging information**

*Type: pCR For: Approval  
 28.204 v0.3.0  
 Source: MATRIXX Software*

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

**S5-236888 Draft TS 28.204**

*Type: draft TS For: Approval  
 28.204 v0.4.0  
 Source: MATRIXX Software*

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

#### 7.4.3 Charging Aspects for Enhanced Support of Non-Public Networks

**S5-236414 Rel-18 CR 32.256 Addition of end user charging for PNI-NPN network usage of access**

*Type: CR For: Approval  
 32.256 v18.1.1 CR-0015 Cat: B (Rel-18)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S5-236906**.

**S5-236906 Rel-18 CR 32.256 Addition of end user charging for PNI-NPN network usage of access**

*Type: CR For: Approval  
 32.256 v18.1.1 CR-0015 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile*

(Replaces S5-236414)

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

**S5-236415 Rel-18 CR 32.256 Addition of end user charging for SNPN network usage of access**

*Type: CR For: Approval  
 32.256 v18.1.1 CR-0016 Cat: B (Rel-18)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S5-236907**.

**S5-236907 Rel-18 CR 32.256 Addition of end user charging for SNPN network usage of access**

*Type: CR For: Approval  
 32.256 v18.1.1 CR-0016 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile*

(Replaces S5-236415)

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

**S5-236613 Addition of the charging principle for SNPN charging**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0447 Cat: B (Rel-18)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-236908**.

**S5-236908 Addition of the charging principle for SNPN charging**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0447 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, China Mobile*

(Replaces S5-236613)

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

#### 7.4.4 Charging Aspects of IMS Data Channel

**S5-236383 Rel-18 CR TS 32.260 IMS data channel duration-based charging termination process**

*Type: CR For: (not specified)  
 32.260 v18.1.0 CR-0432 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236909**.

**S5-236909 Rel-18 CR TS 32.260 IMS data channel duration-based charging termination process**

*Type: CR For: -  
 32.260 v18.1.0 CR-0432 rev 1 Cat: F (Rel-18)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236383)

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

**S5-236413 Rel-18 CR 32.260 Addition of media information for IMS data channel**

*Type: CR For: Approval  
 32.260 v18.1.0 CR-0433 Cat: B (Rel-18)  
  
 Source: China Mobile*

**Decision:** The document was **revised to S5-236910**.

**S5-236910 Rel-18 CR 32.260 Addition of media information for IMS data channel**

*Type: CR For: Approval  
 32.260 v18.1.0 CR-0433 rev 1 Cat: B (Rel-18)  
  
 Source: China Mobile*

(Replaces S5-236413)

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

**S5-236614 Support of caller and callee information in stage 3**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0504 Cat: B (Rel-18)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-236911**.

**S5-236911 Support of caller and callee information in stage 3**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0504 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, China Mobile*

(Replaces S5-236614)

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

**S5-236615 Update CHF CDRs**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0954 Cat: B (Rel-18)  
  
 Source: Huawei, China Mobile*

**Decision:** The document was **revised to S5-236912**.

**S5-236912 Update CHF CDRs**

*Type: CR For: Agreement  
 32.298 v18.3.0 CR-0954 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei, China Mobile*

(Replaces S5-236615)

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

#### 7.4.5 Charging Aspects for SMF and MB-SMF to Support 5G Multicast-broadcast Services

**S5-236325 Add CHF selection mechanism for MB-SMF**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0437 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation, Huawei*

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

**S5-236913 Add CHF selection mechanism for MB-SMF**

*Type: other For: Approval  
 Source: China Mobile Com. Corporation, Huawei*

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

**S5-236326 Add basic principles for MBS session charging**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0438 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation, Huawei*

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

**S5-236914 Add basic principles for MBS session charging**

*Type: other For: Approval  
 Source: China Mobile Com. Corporation, Huawei*

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

**S5-236327 Add 5MBS CDR genartion requirements**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0439 Cat: B (Rel-18)  
  
 Source: China Mobile Com. Corporation, Huawei*

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

**S5-236915 Add 5MBS CDR genartion requirements**

*Type: other For: Approval  
 Source: China Mobile Com. Corporation, Huawei*

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

**S5-236552 MBS Charging Data Request and Response Messages**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0441 Cat: B (Rel-18)  
  
 Source: Nokia. Nokia Shanghai Bell*

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

**S5-236553 MBS Tariff change trigger and charging event**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0442 Cat: B (Rel-18)  
  
 Source: Nokia. Nokia Shanghai Bell*

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

**S5-236917 MBS Tariff change trigger and charging event**

*Type: other For: Approval  
 Source: Nokia. Nokia Shanghai Bell*

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

**S5-236616 Clarification on reference point between MB-SMF and the CHF and MBS charging ID**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0448 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236918 Clarification on reference point between MB-SMF and the CHF and MBS charging ID**

*Type: other For: Agreement  
 Source: Huawei*

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

**S5-236617 Add PDU session charging procedures for multicast communication**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0449 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236919 Add PDU session charging procedures for multicast communication**

*Type: other For: Agreement  
 Source: Huawei*

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

**S5-236618 Add 5G MBS charging procedure for multicast and broadcast communication creation and deletion**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0450 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236920 Add 5G MBS charging procedure for multicast and broadcast communication creation and deletion**

*Type: other For: Agreement  
 Source: Huawei*

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

**S5-236619 Add 5G MBS charging procedure of broadcast session establishment**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0451 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236921 Add 5G MBS charging procedure of broadcast session establishment**

*Type: other For: Agreement  
 Source: Huawei*

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

**S5-236620 Add 5G MBS charging procedure of shared and individual delivery establishment for multicast**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0452 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236922 Add 5G MBS charging procedure of shared and individual delivery establishment for multicast**

*Type: other For: Agreement  
 Source: Huawei*

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

**S5-236621 Add 5G MBS charging information definition**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0453 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236916 Add 5G MBS charging information definition**

*Type: other For: Agreement  
 Source: Huawei*

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

**S5-236923 Rel-18 pCR 32.2xx Add 5G MBS charging information definition**

*Type: other For: Approval  
 Source: Huawei*

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

**S5-236924 Revised WID on Charging Aspects for SMF and MB-SMF to Support 5G Multicast-broadcast Services (SP-230623)**

*Type: WID revised For: Agreement  
 Source: China Mobile*

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

**S5-237033 Rel-18 pCR 32.27x Initial skeleton of TS 32.27x v0.0.0**

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

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

**S5-237034 Draft TS 32.27x**

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

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

#### 7.4.6 Charging Aspects of TSN

**S5-236622 Rel-18 pCR 32.282 Initial skeleton of TS 32.282 v0.0.0**

*Type: draft TS For: Agreement  
 32.282 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236894**.

**S5-236894 Rel-18 pCR 32.282 Initial skeleton of TS 32.282 v0.0.0**

*Type: draft TS For: Agreement  
 32.282 v0.0.0  
 Source: Huawei*

(Replaces S5-236622)

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

**S5-236623 Rel-18 pCR 32.282 Update of skeleton**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236895**.

**S5-236895 Rel-18 pCR 32.282 Update of skeleton**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

(Replaces S5-236623)

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

**S5-236624 Rel-18 pCR 32.282 Update scope, references and definitions**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236971**.

**S5-236971 Rel-18 pCR 32.282 Update scope, references and definitions**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

(Replaces S5-236624)

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

**S5-236625 Rel-18 pCR 32.282 Update architecture considerations**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236972**.

**S5-236972 Rel-18 pCR 32.282 Update architecture considerations**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

(Replaces S5-236625)

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

**S5-236626 Rel-18 pCR 32.282 Update charging principles**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236973**.

**S5-236973 Rel-18 pCR 32.282 Update charging principles**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

(Replaces S5-236626)

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

**S5-236627 Rel-18 pCR 32.282 Update basic principles in charging scenarios**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236974**.

**S5-236974 Rel-18 pCR 32.282 Update basic principles in charging scenarios**

*Type: pCR For: Approval  
 32.282 v0.0.0  
 Source: Huawei*

(Replaces S5-236627)

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

**S5-236628 Add charging support for TSN service**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0473 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236975**.

**S5-236975 Add charging support for TSN service**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0473 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236628)

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

**S5-236629 Add architecture and principles for TSC traffic charging**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0454 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236976**.

**S5-236976 Add architecture and principles for TSC traffic charging**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0454 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236629)

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

**S5-236889 Draft TS 32.282**

*Type: draft TS For: Approval  
 32.282 v0.1.0  
 Source: Huawei*

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

#### 7.4.7 Charging Aspects of B2B

**S5-236630 Add annex for B2B charging**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0474 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236977**.

**S5-236977 Add annex for B2B charging**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0474 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236630)

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

**S5-236631 Update B2B charging principles**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0475 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236978**.

**S5-236978 Update B2B charging principles**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0475 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236631)

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

**S5-236632 Add common CHF to CHF interaction**

*Type: CR For: Agreement  
 32.290 v18.3.0 CR-0201 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236979**.

**S5-236979 Add common CHF to CHF interaction**

*Type: CR For: Agreement  
 32.290 v18.3.0 CR-0201 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236632)

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

#### 7.4.8 Charging Aspects of 5WWC phase 2

#### 7.4.9 Charging for roaming and additional actor using CHF to CHF interface

**S5-236633 Add CHF to CHF interaction in LBO roaming scenario**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0455 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236634 Quota mangement for CHF to CHF communication**

*Type: CR For: Agreement  
 32.290 v18.3.0 CR-0202 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236984**.

**S5-236984 Quota mangement for CHF to CHF communication**

*Type: CR For: Agreement  
 32.290 v18.3.0 CR-0202 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236634)

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

**S5-236724 Rel-18 CR 32.240 Addition of CHF as consumer in LBO architecture**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0476 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-236980**.

**S5-236980 Rel-18 CR 32.240 Addition of CHF as consumer in LBO architecture**

*Type: CR For: Agreement  
 32.240 v18.4.0 CR-0476 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S5-236724)

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

**S5-236725 Rel-18 CR 32.255 Addition of CHF as consumer in LBO architecture**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0467 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-236981**.

**S5-236981 Rel-18 CR 32.255 Addition of CHF as consumer in LBO architecture**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0467 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S5-236725)

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

**S5-236726 Rel-18 CR 32.256 Addition of CHF as consumer in LBO architecture**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0022 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-236982**.

**S5-236982 Rel-18 CR 32.256 Addition of CHF as consumer in LBO architecture**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0022 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S5-236726)

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

**S5-236727 Rel-18 CR 32.290 Addition of CHF as consumer**

*Type: CR For: Agreement  
 32.290 v18.3.0 CR-0203 Cat: B (Rel-18)  
  
 Source: Ericsson*

**Decision:** The document was **revised to S5-236983**.

**S5-236983 Rel-18 CR 32.290 Addition of CHF as consumer**

*Type: CR For: Agreement  
 32.290 v18.3.0 CR-0203 rev 1 Cat: B (Rel-18)  
  
 Source: Ericsson*

(Replaces S5-236727)

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

**S5-236728 Rel-18 CR 32.291 Addition of CHF as consumer**

*Type: CR For: Agreement  
 32.291 v18.3.0 CR-0511 Cat: B (Rel-18)  
  
 Source: Ericsson*

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

#### 7.4.10 Charging aspects of Satellite Access in 5GS

**S5-236499 Add charging description for 5G data connectivity via satellite access**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0440 Cat: B (Rel-18)  
  
 Source: CATT*

**Abstract:**

1. Add the charging description in the PDU session establishment charging message flows.

**Decision:** The document was **revised to S5-236994**.

**S5-236994 Add charging description for 5G data connectivity via satellite access**

*Type: CR For: Approval  
 32.255 v18.1.0 CR-0440 rev 1 Cat: B (Rel-18)  
  
 Source: CATT*

(Replaces S5-236499)

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

**S5-236635 Add charging support for 5G data connectivity via satellite access**

*Type: CR For: Agreement  
 32.255 v18.1.0 CR-0456 Cat: B (Rel-18)  
  
 Source: Huawei*

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

**S5-236636 Add charging support for 5G connection via satellite access**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0021 Cat: B (Rel-18)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-236995**.

**S5-236995 Add charging support for 5G connection via satellite access**

*Type: CR For: Agreement  
 32.256 v18.1.1 CR-0021 rev 1 Cat: B (Rel-18)  
  
 Source: Huawei*

(Replaces S5-236636)

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

### 7.5 Charging studies

#### 7.5.1 Study on Nchf charging services phase 2

**S5-236389 Rel-18 pCR TR 28.826 Payload Data reference**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-237013**.

**S5-237013 Rel-18 pCR TR 28.826 Payload Data reference**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-236389)

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

**S5-236390 Rel-18 pCR TR 28.826 Update of evaluation and conclusions clause 5.1**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236391 Rel-18 pCR TR 28.826 Update of evaluation and conclusions clause 5.3**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236637 Rel-18 pCR 28.826 Update the solution evaluation and conclusion in clause 5**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Huawei*

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

**S5-236638 Rel-18 pCR 28.826 Update the solution evaluation and conclusion in clause 6**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-237018**.

**S5-237018 Rel-18 pCR 28.826 Update the solution evaluation and conclusion in clause 6**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Huawei*

(Replaces S5-236638)

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

**S5-236729 Rel-18 pCR 28.826 Evaluation and clarification charging information optimization solutions**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237014**.

**S5-237014 Rel-18 pCR 28.826 Evaluation and clarification charging information optimization solutions**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

(Replaces S5-236729)

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

**S5-236730 Rel-18 pCR 28.826 Conclusion for charging request optimization**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

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

**S5-236731 Rel-18 pCR 28.826 Evaluation and conclusion for rating input enhancement**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237015**.

**S5-237015 Rel-18 pCR 28.826 Evaluation and conclusion for rating input enhancement**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

(Replaces S5-236731)

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

**S5-236732 Rel-18 pCR 28.826 Correction of solution 4.1 and evaluation**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237016**.

**S5-237016 Rel-18 pCR 28.826 Correction of solution 4.1 and evaluation**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

(Replaces S5-236732)

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

**S5-236733 Rel-18 pCR 28.826 Evaluation and conclusion for non-blocking mechanism enhancement**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

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

**S5-236734 Rel-18 pCR 28.826 Study conclusion for documentation improvements**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

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

**S5-236735 Rel-18 pCR 28.826 Final conclusion and recommendations**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-237017**.

**S5-237017 Rel-18 pCR 28.826 Final conclusion and recommendations**

*Type: pCR For: Approval  
 28.826 v1.6.0  
 Source: Ericsson LM*

(Replaces S5-236735)

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

**S5-236890 Draft TR 28.826**

*Type: draft TR For: Approval  
 28.826 v1.7.0  
 Source: Ericsson*

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

#### 7.5.2 Study on CHF Segmentation

**S5-236386 Rel-18 pCR TR 28.840 Abreviations section update**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

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

**S5-236387 Rel-18 pCR TR 28.840 Latency Optimisation Solution**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236985**.

**S5-236985 Rel-18 pCR TR 28.840 Latency Optimisation Solution**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

(Replaces S5-236387)

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

**S5-236388 Rel-18 pCR 28.840 References section update**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

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

**S5-236392 Rel-18 pCR TR 28.840 NF Consumers Information Solution 1**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236998**.

**S5-236998 Rel-18 pCR TR 28.840 NF Consumers Information Solution 1**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

(Replaces S5-236392)

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

**S5-236508 Update CHF Selection By Charging Domains**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-236986**.

**S5-236986 Update CHF Selection By Charging Domains**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Amdocs, Nokia, Nokia Shanghai Bell*

(Replaces S5-236508)

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

**S5-236554 Rel-18 pCR 28.840 NF Consumers Information Solution 2**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Nokia, Nokia Shanghai Bell, Amdocs*

**Decision:** The document was **revised to S5-236987**.

**S5-236987 Rel-18 pCR 28.840 NF Consumers Information Solution 2**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Nokia, Nokia Shanghai Bell, Amdocs*

(Replaces S5-236554)

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

**S5-236639 Rel-18 pCR 28.840 Add solution for CHF selection by location**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236988**.

**S5-236988 Rel-18 pCR 28.840 Add solution for CHF selection by location**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Huawei*

(Replaces S5-236639)

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

**S5-236640 Rel-18 pCR 28.840 Add solution for CHF selection by NF instance**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236989**.

**S5-236989 Rel-18 pCR 28.840 Add solution for CHF selection by NF instance**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Huawei*

(Replaces S5-236640)

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

**S5-236641 Rel-18 pCR 28.840 Add solution for CHF selection by user group**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-236990**.

**S5-236990 Rel-18 pCR 28.840 Add solution for CHF selection by user group**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Huawei*

(Replaces S5-236641)

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

**S5-236736 Rel-18 pCR 28.840 Addition of solution for NF instance location**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-236991**.

**S5-236991 Rel-18 pCR 28.840 Addition of solution for NF instance location**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Ericsson LM*

(Replaces S5-236736)

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

**S5-236737 Rel-18 pCR 28.840 Addition of solution for CHF selection**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-236992**.

**S5-236992 Rel-18 pCR 28.840 Addition of solution for CHF selection**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Ericsson LM*

(Replaces S5-236737)

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

**S5-236738 Rel-18 pCR 28.840 Addition of solution for domain based discovery**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-236993**.

**S5-236993 Rel-18 pCR 28.840 Addition of solution for domain based discovery**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Ericsson LM*

(Replaces S5-236738)

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

**S5-236874 Rel-18 pCR 28.840 NF Consumers Information Solution 2**

*Type: pCR For: Approval  
 28.840 v0.4.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-236891 Draft TR 28.840**

*Type: draft TR For: discussion  
 28.840 v0.5.0  
 Source: Nokia, Nokia Shanghai Bell*

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

#### 7.5.3 Study on charging aspects of Satellite in 5GS

**S5-236489 Discussion paper on the need of NR NTN TAI information for Satellite access Charging**

*Type: discussion For: Decision  
 28.844 v..  
 Source: CATT*

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

**S5-236490 Update solutions for satellite access charging**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

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

**S5-236491 Update evaluation for satellite access charging**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

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

**S5-236492 Update solutions for edge computing with satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-236996**.

**S5-236996 Update solutions for edge computing with satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

(Replaces S5-236492)

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

**S5-236493 Add Evaluation for edge computing charging with satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-236997**.

**S5-236997 Add Evaluation for edge computing charging with satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

(Replaces S5-236493)

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

**S5-236494 Add Conclusion for edge computing charging with satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

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

**S5-236495 Update solutions for SSC-to-SSC communications via satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-236999**.

**S5-236999 Update solutions for SSC-to-SSC communications via satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

(Replaces S5-236495)

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

**S5-236496 Add Evaluation for SSC-to-SSC communications via satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-237000**.

**S5-237000 Add Evaluation for SSC-to-SSC communications via satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

(Replaces S5-236496)

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

**S5-236497 Add Conclusion for SSC-to-SSC communications via satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-237001**.

**S5-237001 Add Conclusion for SSC-to-SSC communications via satellite backhaul**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

(Replaces S5-236497)

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

**S5-236498 Add Conclusion and Recommendations**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

**Decision:** The document was **revised to S5-237002**.

**S5-237002 Add Conclusion and Recommendations**

*Type: pCR For: Agreement  
 28.844 v1.0.0  
 Source: CATT*

(Replaces S5-236498)

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

**S5-236892 Draft TR 28.844**

*Type: draft TR For: Approval  
 28.844 v1.1.0  
 Source: CATT*

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

**S5-237003 Presentation of TR 28.844 for Approval**

*Type: TS or TR cover For: Approval  
 28.844 v..  
 Source: CATT*

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

**S5-237035 LS to CT4 on the need of the NR NTN TAI information**

*Type: LS out For: Approval  
 to CT4  
 Source: CATT*

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

Attachments to this outgoing LS: CT1, CT3,SA2

#### 7.5.4 Study on Charging Aspects of Ranging and Sidelink Positioning

**S5-236436 Rel-18 pCR TR 28.845 Resolve Editor's Note of Business roles**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

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

**S5-236437 Rel-18 pCR TR 28.845 Resolve Editor's Note of charging scenarios and key issues for Ranging Sidelink Positioning UE Discovery**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237004**.

**S5-237004 Rel-18 pCR TR 28.845 Resolve Editor's Note of charging scenarios and key issues for Ranging Sidelink Positioning UE Discovery**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236437)

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

**S5-236438 Rel-18 pCR TR 28.845 Update Clause 5.2 for Alignment with SA2 on UE based SL positioning**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

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

**S5-236439 Rel-18 pCR TR 28.845 Add solution for Ranging Sidelink Positioning UE Discovery**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237005**.

**S5-237005 Rel-18 pCR TR 28.845 Add solution for Ranging Sidelink Positioning UE Discovery**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236439)

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

**S5-236440 Rel-18 pCR TR 28.845 Add solution#2.X for 5GS charging for mobile originated UE positioning assisted by Sidelink Positioning and involving 5GC**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237006**.

**S5-237006 Rel-18 pCR TR 28.845 Add solution#2.X for 5GS charging for mobile originated UE positioning assisted by Sidelink Positioning and involving 5GC**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236440)

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

**S5-236441 Rel-18 pCR TR 28.845 Add solution#2.Y for 5GS charging for mobile terminated UE positioning assisted by Sidelink Positioning and involving 5GC**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237007**.

**S5-237007 Rel-18 pCR TR 28.845 Add solution#2.Y for 5GS charging for mobile terminated UE positioning assisted by Sidelink Positioning and involving 5GC**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236441)

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

**S5-236442 Rel-18 pCR TR 28.845 Add Solution for UE only Sidelink Positioning for Target UE using Located UE**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237008**.

**S5-237008 Rel-18 pCR TR 28.845 Add Solution for UE only Sidelink Positioning for Target UE using Located UE**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236442)

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

**S5-236443 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through PC5**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237009**.

**S5-237009 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through PC5**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236443)

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

**S5-236444 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through NEF**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237010**.

**S5-237010 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through NEF**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236444)

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

**S5-236445 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through 5GC network via control plane**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237011**.

**S5-237011 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through 5GC network via control plane**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236445)

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

**S5-236446 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to the AF**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

**Decision:** The document was **revised to S5-237012**.

**S5-237012 Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to the AF**

*Type: pCR For: Approval  
 28.845 v0.1.0  
 Source: Chinatelecom Cloud*

(Replaces S5-236446)

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

**S5-236893 Draft TR 28.845**

*Type: draft TR For: Approval  
 28.845 v0.2.0  
 Source: China Telecom*

**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 |
| S5-236200 | Agenda | WG Chair | approved |  |  |
| S5-236201 | IPR and legal declaration | WG Chair | noted |  |  |
| S5-236202 | Report from last SA5 meeting | MCC | approved |  |  |
| S5-236203 | Post e-meeting email approval status | WG Vice Chair (Ericsson) | available |  |  |
| S5-236204 | OAM&P action list | WG Vice Chair (Nokia) | noted |  |  |
| S5-236205 | OAM meeting process | WG Vice Chair (Ericsson) | noted |  |  |
| S5-236206 | agenda\_with\_Tdocs\_sequence\_proposal\_OAM | WG Chair | noted |  |  |
| S5-236207 | OAM Exec Report | WG Vice Chair (Nokia) | noted |  |  |
| S5-236208 | OAM Chair notes and conclusions | WG Chair | noted |  |  |
| S5-236209 | CH agenda and time plan | SA5 SWG CH Chair (MATRIXX Software) | revised |  | S5-236885 |
| S5-236210 | Collection of useful contributions and external communication documents | Huawei Tech.(UK) Co.. Ltd | revised |  | S5-236886 |
| S5-236211 | Collection of external communication documents in OAM | WG Vice Chair (Nokia) | noted |  |  |
| S5-236212 | Charging exec report | SA5 SWG CH Chair (MATRIXX Software) | noted |  |  |
| S5-236213 | SA5 working procedures | WG Chair | merged |  | S5-236926 |
| S5-236214 | SA5 Meeting facility requirements | WG Chair | approved |  |  |
| S5-236215 | Collection of Rel-18 3GPP SA5 OAM WoP | WG Chair | noted |  |  |
| S5-236216 | Living document for stage 2-3 alignment | WG Vice Chair (Ericsson) | noted |  |  |
| S5-236217 | Process for management of draft TS-TRs | WG Chair | noted |  |  |
| S5-236218 | SA5 meeting calendar | WG Chair | noted |  |  |
| S5-236219 | Time Plan for OAM&P sessions | WG Chair | noted |  |  |
| S5-236220 | IETF HTTP RFCs obsoleted by RFCs 9110, 9111 and 9113 | C4-233513 | postponed |  |  |
| S5-236221 | Liaison Statement to 3GPP SA5 | ETSI TC EE | replied to |  |  |
| S5-236222 | LS on user consent for SON/MDT for NB-IoT UEs | R2-2309030 | postponed |  |  |
| S5-236223 | LS on MDT measurements collection in MR-DC | R3-232070 | postponed |  |  |
| S5-236224 | LS on QoE measurement collection for application sessions delivered via MBS broadcast or multicast | R3-233457 | postponed |  |  |
| S5-236225 | Reply LS on QoE measurement collection for application sessions delivered via MBS broadcast or multicast | S4-231491 | noted |  |  |
| S5-236226 | Reply LS on area scope for QoE measurements | S4-231490 | postponed |  |  |
| S5-236227 | Reply LS on area scope for QoE measurements | R3-234746 | noted |  |  |
| S5-236228 | LS on MDT for NPN | R3-234744 | postponed |  |  |
| S5-236229 | LS on QMC support in RRC\_IDLE and RRC\_INACTIVE | R3-234745 | noted |  |  |
| S5-236230 | Reply LS on CHF Logic Realization wrt/ Spending Limits functionality | S2-2309511 | replied to |  |  |
| S5-236231 | LS to SA, SA3 and SA5 on potential collaboration between 3GPP SA3/SA5 and ETSI SAI ISG | ETSI ISG SAI | postponed |  |  |
| S5-236232 | LS on information about the progress of draft Recommendation ITU-T Y.AN-Arch-fw ""Architecture Framework for Autonomous Networks"" | ITU-T SG13 | noted |  |  |
| S5-236233 | ZSM work on AI enablers and intent-driven autonomous networks | ETSI ISG ZSM | replied to |  |  |
| S5-236234 | LS on NCR Solutions | R3-225253 | noted |  |  |
| S5-236235 | Reply LS on RAN UE Id optionality | R3-233476 | noted |  |  |
| S5-236236 | LS on REl-18 work on architecture for enabling Edge Applications | S6-232197 | replied to |  |  |
| S5-236237 | Rel-18 pCR 28.318 5.X Exposed coordinated recovery requirements | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | revised |  | S5-237067 |
| S5-236238 | Rel-18 pCR 28.318 5.Y Exposed performance monitoring requirements | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | revised |  | S5-237063 |
| S5-236239 | Rel-18 pCR 28.318 Annex X Coordinated energy service recovery business relationship model | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | revised |  | S5-237069 |
| S5-236240 | Rel-18 pCR 28.318 Annex Y Coordinated energy recovery scenarios | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | revised |  | S5-237070 |
| S5-236241 | Rel-18 pCR 28.318 Address editor's notes | Samsung, EUTC, EDF, BMWK, Deutsche Telekom | revised |  | S5-237072 |
| S5-236242 | TS28.541 Rel18 NRM enhancements for NRFFunction and AmfInfo and SmfInfo | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236243 | TS28.541 Rel18 NRM enhancements for UpfInfo and PcfInfo and NetInfo | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236244 | TS28.541 Rel18 NRM enhancements for MBUPFFunction | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236245 | TS28.541 Rel18 NRM enhancements for MBSMFFunction | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236246 | TS28.541 Rel18 NRM enhancements for class diagram | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236247 | TS28.541 Rel17 correction to stage3 of NROperatorCellDU containment | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236248 | TS28.541 Rel18 correction to stage3 of NROperatorCellDU containment | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236249 | TS28.541 Rel17 correction to NPNIdentity stage2 stage 3 issue | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236250 | TS28.541 Rel18 correction to NPNIdentity stage2 stage 3 issue | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236251 | TS28.623 Rel18 OpenAPI SS for QMCJob | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236252 | TS28.623 Rel18 OpenAPI SS for SupportedNotifications | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236253 | TS28.541 Rel18 Move normative OpenAPI code to Forge | Nokia, Nokia Shanghai Bell, Ericsson | revised |  | S5-236962 |
| S5-236254 | Update on SA5 working procedures | Nokia, Nokia Shanghai Bell, Ericsson | revised |  | S5-236926 |
| S5-236255 | Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition | Huawei | revised |  | S5-236831 |
| S5-236256 | Rel-18 pCR 28.318 Clarifications | EUTC, Samsung, BMWK, EDF, Deutsche Telekom | revised |  | S5-237073 |
| S5-236257 | Rel-18 CR 28.541 Move normative YANG code to Forge | Ericsson India Private Limited | merged |  | S5-236962 |
| S5-236258 | Rel-18 dCR 28.622 Remove FM related parts | Ericsson India Private Limited | revised |  | S5-237043 |
| S5-236259 | Rel17 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | revised |  | S5-237081 |
| S5-236260 | Rel18 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | revised |  | S5-237144 |
| S5-236261 | Rel-18 CR 28.623 Move normative YANG code to Forge | Ericsson India Private Limited | revised |  | S5-236963 |
| S5-236262 | Rel-17 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | revised |  | S5-237145 |
| S5-236263 | Rel-18 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | revised |  | S5-237146 |
| S5-236264 | Rel-18 dCR 28.623 Remove-Update FM related parts | Ericsson India Private Limited | revised |  | S5-237044 |
| S5-236265 | Rel-18 dCR 28.532 Remove-Update FM related parts | Ericsson India Private Limited | revised |  | S5-237045 |
| S5-236266 | DP Migrating code to Forge Step1 | Ericsson India Private Limited | noted |  |  |
| S5-236267 | Rel-18 pCR 28.111 FM updates | Ericsson India Private Limited | revised |  | S5-237046 |
| S5-236268 | Rel-17 CR TS 28.312 Correct the Relationship UML diagram for intent | China Mobile Com. Corporation | agreed |  |  |
| S5-236269 | Rel-17 CR TS 28.312 Correct issues for redefined Objectcontext in OpenAPI document | China Mobile Com. Corporation | agreed |  |  |
| S5-236270 | Rel-18 CR TS 28.312 Correct issues for Relationship UML diagram for intent | China Mobile Com. Corporation | agreed |  |  |
| S5-236271 | Rel-18 CR TS 28.312 Correct issues for the use of context in the OpenAPI document. | China Mobile Com. Corporation | agreed |  |  |
| S5-236272 | Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14 | AsiaInfo, China Unicom | withdrawn |  |  |
| S5-236273 | Rel-18 CR TS 28.538 Adding SLA requirements in EASRequirements IOC | AsiaInfo, China Unicom | withdrawn |  |  |
| S5-236274 | Discussion paper on Rel-19 preparation – CH group | SWG CH Chair | noted |  |  |
| S5-236275 | NEF charging framework enhancements for AI/ML | OPPO | noted |  |  |
| S5-236276 | pCR TS 28.317 Add concept, use case and requirements for network configuration data handling | China Mobile, Huawei | revised |  | S5-237113 |
| S5-236277 | pCR TS 28.317 Add MnS component type A for self-configuration management | China Mobile, Huawei | approved |  |  |
| S5-236278 | pCR TS 28.317 Add MnS component type B for self-configuration management | China Mobile, Huawei | approved |  |  |
| S5-236279 | Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14 | AsiaInfo, China Unicom | revised |  | S5-237087 |
| S5-236280 | Adding SLA requirements in EASRequirements IOC | AsiaInfo, China Unicom | not pursued |  |  |
| S5-236281 | Rel-18 CR TS28.313 Update procedure for Sel-configuration to refer to TS 28.317 | China Mobile, Huawei | not pursued |  |  |
| S5-236282 | Rel-18 pCR 28.203 Introduce Reference Point for NSACF | MATRIXX Software | approved |  |  |
| S5-236283 | Rel-18 CR 32.240 Introduce Reference Point for NSACF | MATRIXX Software | withdrawn |  |  |
| S5-236284 | Rel-18 pCR 28.203 Solve Editor's Note - partial CDRs | MATRIXX Software | approved |  |  |
| S5-236285 | Rel-18 pCR 28.203 Solve Editor's Note - trigger description table | MATRIXX Software | revised |  | S5-236897 |
| S5-236286 | Rel-18 pCR 28.203 Solve Editor's Note - charging information | MATRIXX Software | revised |  | S5-236900 |
| S5-236287 | Rel-18 pCR 28.203 Introduction of Detailed message format for converged charging | MATRIXX Software | revised |  | S5-236902 |
| S5-236288 | Rel-18 pCR 28.203 Introduction of Bindings for Network slice admission control converged charging | MATRIXX Software | approved |  |  |
| S5-236289 | Rel-18 pCR 28.204 Introduce Reference Point for NSSAAF | MATRIXX Software | approved |  |  |
| S5-236290 | Rel-18 CR 32.240 Introduce Reference Point for NSSAAF | MATRIXX Software | withdrawn |  |  |
| S5-236291 | Rel-18 pCR 28.204 Addition of applicable triggers | MATRIXX Software | approved |  |  |
| S5-236292 | Rel-18 pCR 28.204 Introduction of AAA-S Re-authentication and Re-authorization flows | MATRIXX Software | approved |  |  |
| S5-236293 | Rel-18 pCR 28.204 Introduction of AAA-S triggered Network Slice-Specific Authorization Revocation flows | MATRIXX Software | approved |  |  |
| S5-236294 | Rel-18 pCR 28.204 Introduce CDR generation | MATRIXX Software | revised |  | S5-236904 |
| S5-236295 | Rel-18 pCR 28.204 Introduce Ga record and CDR file transfer | MATRIXX Software | approved |  |  |
| S5-236296 | Rel-18 pCR 28.204 Introduce definition of charging information | MATRIXX Software | revised |  | S5-236905 |
| S5-236297 | Rel-18 pCR 28.204 Introduce NSSAA specific charging information | MATRIXX Software | approved |  |  |
| S5-236298 | Rel-18 pCR 28.203 Introduction of CHF selection | MATRIXX Software | approved |  |  |
| S5-236299 | Rel-18 pCR 28.203 Introduction of CDR description | MATRIXX Software | approved |  | S5-236903 |
| S5-236300 | Rel-18 pCR 28.203 Introduction of Formal network slice admission control charging parameter description | MATRIXX Software | approved |  |  |
| S5-236301 | Rel-18 pCR 28.203 Solve Editor's Note on Abort | MATRIXX Software | revised |  | S5-236898 |
| S5-236302 | Rel-17 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3 | Huawei | agreed |  |  |
| S5-236303 | Rel-18 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3 | Huawei | revised |  | S5-236833 |
| S5-236304 | Rel-17 CR TS28.312 Correct stage2 issues for Edge Service Support Expectation | Huawei | revised |  | S5-236834 |
| S5-236305 | Rel-18 CR TS28.531 Update procedure of feasibility check and reservation of NSI and NSSI to align with FeasibilityCheckAndReservationJob | Huawei | revised |  | S5-237134 |
| S5-236306 | Rel-18 CR TS28.312 Update the stage3 to align with the stage2 | Huawei | withdrawn |  |  |
| S5-236307 | Rel-18 CR TS 28.312 Update 6.1 and 7.1 to support intent report and intent handling capability obtaining | Huawei, Deutsche Telekom | agreed |  |  |
| S5-236308 | Add YAML document examples for intent report instance | Huawei, Deutsche Telekom | revised |  | S5-236954 |
| S5-236309 | Rel-18 CR TS 28.312 Add procedure for intent report and intent handling capability obtaining | Huawei, Deutsche Telekom | revised |  | S5-237074 |
| S5-236310 | Rel-18 CR TS 28.312 Correct issues for IntentReport model(6.4.4.3) | Huawei | revised |  | S5-236955 |
| S5-236311 | Rel-18 CR TS28.312 Enhance the RadioNetworkExpectation | Huawei, Deutsche Telekom | agreed |  |  |
| S5-236312 | Rel-18 CR TS 28.312 Add Intent interface deployment scenarios in Annex | Huawei, Deutsche Telekom | revised |  | S5-237048 |
| S5-236313 | Add RadioServiceExpectation | Huawei, Deutsche Telekom | revised |  | S5-237049 |
| S5-236314 | Rel-18 CR TS 28.312 Rapporteur clean up | Huawei | agreed |  |  |
| S5-236315 | Rel-18 CR TS 32.156 Supplement the specification for establishing a relationship between <<dataType>> and model elements in UML class diagram | China Mobile Com. Corporation | revised |  | S5-237121 |
| S5-236316 | Rel-18 CR TS 28.541 Add YAML solution set for NRM for operator specific QoS model for RAN sharing | Huawei | agreed |  |  |
| S5-236317 | Rel-18 CR TS28.541 Udpate clause O.3 RAN Sharing usage recommendation | Huawei | agreed |  |  |
| S5-236318 | Rel-18 CR TS 28.541 Address EP\_F1 issue for MOCN RAN sharing scenario | Huawei | not pursued |  | - |
| S5-236319 | Discussion paper on separate yaml file for different control NRM fragments in TS 28.623 | Huawei | revised | S5-235431 | S5-237197 |
| S5-236320 | Rel-18 CR TS 28.623 separate yaml file for different control NRM fragment | Huawei | not pursued | S5-235432 |  |
| S5-236321 | Rel-17\_CR\_28104\_Correct issues for AnalyticsSchedule datatype | ZTE Corporation | withdrawn |  |  |
| S5-236322 | Rel-18\_CR\_28104\_Correct issues for AnalyticsSchedule datatype | ZTE Corporation | withdrawn |  |  |
| S5-236323 | Rel-17\_CR\_28104\_Correct issues for MDA information model | ZTE Corporation | withdrawn |  |  |
| S5-236324 | Rel-18\_CR\_28104\_Correct issues for MDA information model | ZTE Corporation | withdrawn |  |  |
| S5-236325 | Add CHF selection mechanism for MB-SMF | China Mobile Com. Corporation, Huawei | not pursued |  | - |
| S5-236326 | Add basic principles for MBS session charging | China Mobile Com. Corporation, Huawei | not pursued |  | - |
| S5-236327 | Add 5MBS CDR genartion requirements | China Mobile Com. Corporation, Huawei | not pursued |  | - |
| S5-236328 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Deallocation | Nokia, Nokia Shanghai Bell | revised |  | S5-237136 |
| S5-236329 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of network slice subnet instance deallocation | Nokia, Nokia Shanghai Bell | revised |  | S5-237137 |
| S5-236330 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Modification | Nokia, Nokia Shanghai Bell | revised |  | S5-237138 |
| S5-236331 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Subnet Instance Modification | Nokia, Nokia Shanghai Bell | revised |  | S5-237139 |
| S5-236332 | Rel-18 CR TS 28.541 Add NRM for network slice isolation | Nokia, Nokia Shanghai Bell, Telefonica | revised | S5-235170 | S5-237083 |
| S5-236333 | Rel-18 CR TS 28.531 Add and update use case for network slice isolation support | Nokia, Nokia Shanghai Bell | revised | S5-235176 | S5-237082 |
| S5-236334 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute jitter | Nokia, Nokia Shanghai Bell, KDDI, TELUS | not pursued |  |  |
| S5-236335 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute availability | Nokia, Nokia Shanghai Bell, KDDI, TELUS | agreed |  |  |
| S5-236336 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute kPIMonitoring | Nokia, Nokia Shanghai Bell, KDDI, TELUS | revised |  | S5-237120 |
| S5-236337 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute nBIoT | Nokia, Nokia Shanghai Bell, KDDI, TELUS | not pursued |  |  |
| S5-236338 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute maxDLDataVolume and maxULDataVolume | Nokia, Nokia Shanghai Bell, KDDI, TELUS | agreed |  |  |
| S5-236339 | Rel-18 CR TS 28.541 Add support for GSMA attribute for slice QoS | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236340 | Rel-18 CR TS 28.541 Add support for GSMA attributes related to data networks | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236341 | Rel-18 CR TS 28.531 Corrections to description of Procedure of Network Slice Instance and Network Slice Subnet Instance allocations | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236342 | Rel-18 pCR 28.318 Availability KPI definition | Nokia Hungary | revised |  | S5-237064 |
| S5-236343 | Rel-18 pCR 28.318 Availability KPI definition | Nokia Hungary | withdrawn |  |  |
| S5-236344 | TS28.541 Rel16 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | revised |  | S5-237198 |
| S5-236345 | TS28.541 Rel17 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | revised |  | S5-237199 |
| S5-236346 | TS28.541 Rel18 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | revised |  | S5-237200 |
| S5-236347 | TS28.532 Rel16 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236348 | TS28.532 Rel17 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236349 | TS28.532 Rel18 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236350 | Revised WID on 5G Advanced NRM features phase 2 (adNRM\_ph2) | Nokia, Nokia Shanghai Bell | revised |  | S5-236961 |
| S5-236351 | Using Forge for SA5 | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-236352 | Rel-17 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | revised |  | S5-237147 |
| S5-236353 | Rel-17 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | revised |  | S5-237088 |
| S5-236354 | Rel-18 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | revised |  | S5-237148 |
| S5-236355 | Rel-18 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | revised |  | S5-236947 |
| S5-236356 | Rel-15 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | revised |  | S5-237155 |
| S5-236357 | Rel-16 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | revised |  | S5-237156 |
| S5-236358 | Rel-17 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | revised |  | S5-237157 |
| S5-236359 | Rel-18 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | revised |  | S5-237158 |
| S5-236360 | Rel-17 CR TS 28.105 Adding the missing relation between ML entity and ML process | Nokia, Nokia Shangai Bell | not pursued |  |  |
| S5-236361 | Rel-18 CR TS 28.105 Adding the missing relation between ML entity and ML process | Nokia, Nokia Shangai Bell | revised |  | S5-237164 |
| S5-236362 | Rel-18 CR TS 28.622 Aligning ReportAmount LTE parameters with ImmediateMDT datatype | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236363 | Rel-18 CR TS 28.622 Report Amount parameter in NR | Nokia, Nokia Shangai Bell | agreed |  |  |
| S5-236364 | Rel-18 CR TS 28.623 Stage 3 Report Amount parameter in NR | Nokia, Nokia Shangai Bell | agreed |  |  |
| S5-236365 | Rel-18 CR TS 32.422 Report Amount parameter in NR | Nokia, Nokia Shanghai Bell | revised |  | S5-237086 |
| S5-236366 | Rel-18 Input to draft CR TS 28.105 Complete ML Update Solution | Nokia, Nokia Shangai Bell | not treated |  |  |
| S5-236367 | Rel-18 Input to draft CR TS 28.105 NRM for producer initiated training | Nokia, Nokia Shangai Bell | revised |  | S5-236941 |
| S5-236368 | Rel-18 Input to draft CR TS 28.105 Description, Use case and requirements for Context of ML Entities | Nokia, Nokia Shangai Bell | not treated |  |  |
| S5-236369 | Rel-17 CR TS 28.623 Stage 3 Correction of ExcessPacketDelayThreshold definition | Nokia, Nokia Shangai Bell | agreed |  |  |
| S5-236370 | Rel-18 CR TS 28.623 Stage 3 Correction of ExcessPacketDelayThreshold definition | Nokia, Nokia Shangai Bell | agreed |  |  |
| S5-236371 | Rel-18 Input to draft CR TS 28.104 Add enabling data for mobility and EE related PMs | Nokia, Nokia Shangai Bell | revised |  | S5-237077 |
| S5-236372 | Rel-18 CR TS 28.552 Addition of measurements related to Number of successful RRC connection setups in relation to the time between successful RRC connection setup and last RRC connection release | Nokia, Nokia Shangai Bell | revised |  | S5-236965 |
| S5-236373 | Rel-17 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | revised |  | S5-237149 |
| S5-236374 | Rel-18 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | revised |  | S5-237150 |
| S5-236375 | Measurements for cell service status for energy utilities | Samsung, EUTC, Deutsche Telekom, EDF | not treated |  |  |
| S5-236376 | PI for cell and network availability for energy utilities | Samsung, EUTC, EDF, Deutsche Telekom | not treated |  |  |
| S5-236377 | NRM enhancements to support Energy utility and telecommunication coordinated rapid recovery of energy service | Samsung, EUTC, EDF, Deutsche Telekom | not treated |  |  |
| S5-236378 | NRM enhancements to support Network Performance Monitoring for Energy utilities | Samsung, EUTC, EDF, Deutsche Telekom | not treated |  |  |
| S5-236379 | Rel-18 pCR 28.318 6.X Coordinated energy recovery procedures | Samsung, EUTC, EDF, Deutsche Telekom | revised |  | S5-237071 |
| S5-236380 | NOSEU approach to exposing UPS capacity | Samsung, EUTC, EDF, Deutsche Telekom | noted |  |  |
| S5-236381 | Rel-18 pCR 28.318 Exposure of SA5 APIs to verticals through CAPIF | Nokia Hungary | noted |  |  |
| S5-236382 | Rel-18 CR TS 28.541 Fix Slice NRM YAML definition for dLReliability and uLReliability | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236383 | Rel-18 CR TS 32.260 IMS data channel duration-based charging termination process | Nokia, Nokia Shanghai Bell | revised |  | S5-236909 |
| S5-236384 | Rel-18 CR TS 32.291 Service Consumption with unlimited quota | Nokia. Nokia Shanghai Bell | not pursued |  |  |
| S5-236385 | Discussion Paper for Unlimited Quota charging scenario | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-236386 | Rel-18 pCR TR 28.840 Abreviations section update | Amdocs, Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-236387 | Rel-18 pCR TR 28.840 Latency Optimisation Solution | Amdocs, Nokia, Nokia Shanghai Bell | revised |  | S5-236985 |
| S5-236388 | Rel-18 pCR 28.840 References section update | Amdocs, Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-236389 | Rel-18 pCR TR 28.826 Payload Data reference | Nokia, Nokia Shanghai Bell | revised |  | S5-237013 |
| S5-236390 | Rel-18 pCR TR 28.826 Update of evaluation and conclusions clause 5.1 | Nokia, Nokia Shanghai Bell | merged |  | S5-237017 |
| S5-236391 | Rel-18 pCR TR 28.826 Update of evaluation and conclusions clause 5.3 | Nokia, Nokia Shanghai Bell | merged |  | S5-237017 |
| S5-236392 | Rel-18 pCR TR 28.840 NF Consumers Information Solution 1 | Amdocs, Nokia, Nokia Shanghai Bell | revised |  | S5-236998 |
| S5-236393 | Correction on ModelPerformance | Huawei | revised |  | S5-237126 |
| S5-236394 | Rel-18 CR 28.105 correction on ModelPerformace | Huawei | revised |  | S5-237127 |
| S5-236395 | pCR TR 28.910 Add solution for 5GC NF deployment | Huawei, China Mobile | revised |  | S5-237172 |
| S5-236396 | Clarification on intent management procedure | Huawei | agreed |  |  |
| S5-236397 | Clarification on intent management procedure | Huawei | agreed |  |  |
| S5-236398 | Adding 5GC expectation in Intent IOC stage 3 | Huawei | agreed |  |  |
| S5-236399 | Update 5GC expectation | Huawei | revised |  | S5-236946 |
| S5-236400 | Rel-18 DraftCR 28.538 add query EDN availalbe edge resource requirements | Huawei | revised |  | S5-237091 |
| S5-236401 | Correction on performance assurance | Huawei | revised |  | S5-237140 |
| S5-236402 | Rel-18 CR 28.538 correction on Performance Assurance | Huawei | revised |  | S5-237141 |
| S5-236403 | Rel-18 DraftCR 28.538 EAS resource reservation requirements | Huawei | revised |  | S5-237093 |
| S5-236404 | Rel-18 DraftCR 28.538 update UC description for EAS LCM | Huawei | revised |  | S5-237090 |
| S5-236405 | Rel-18 DraftCR 28.538 add support for virtual infra resource requirement | Huawei | revised |  | S5-237185 |
| S5-236406 | Rel-18 draftCR 28.538 adding aVailableEdgeResources in EDN | Huawei | revised |  | S5-237092 |
| S5-236407 | Rel-18 draftCR 28.104 Add solution for MDA assisted control plane congestion analysis | Huawei | not treated |  |  |
| S5-236408 | Rel-18 draftCR 28.538 adding EAS resource reservation procedure | Huawei | revised |  | S5-237095 |
| S5-236409 | Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Inference activation | Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel | revised |  | S5-236934 |
| S5-236410 | Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Training activation | Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel | noted |  | - |
| S5-236411 | Rel18 Input to draft CR TS28.104 Event data analytics use case and requirements | Nokia, Nokia Shanghai Bell | noted |  | - |
| S5-236412 | Rel18 Input to draft CR TS28.104 Performance Measurement data correlation analytics use case and requirements | Nokia, Nokia Shanghai Bell | noted |  | - |
| S5-236413 | Rel-18 CR 32.260 Addition of media information for IMS data channel | China Mobile | revised |  | S5-236910 |
| S5-236414 | Rel-18 CR 32.256 Addition of end user charging for PNI-NPN network usage of access | China Mobile | revised |  | S5-236906 |
| S5-236415 | Rel-18 CR 32.256 Addition of end user charging for SNPN network usage of access | China Mobile | revised |  | S5-236907 |
| S5-236416 | Add missing scenario for network slice provisioning | Huawei | not pursued | S5-236045 |  |
| S5-236417 | Add missing scenario for network slice provisioning | Huawei | not pursued | S5-236046 |  |
| S5-236418 | Rel-18 CR 28.310 Update on energy saving for UPFs | Huawei | revised |  | S5-237058 |
| S5-236419 | Rel-18 CR TS 28.557 Add use case and requirements for dedicated resource demand for Smart Grid Utilities | Huawei | revised |  | S5-236943 |
| S5-236420 | Rel-18 CR TS 28.557 Add use case and requirements for SLA monitoring and assurance | Huawei | revised |  | S5-236942 |
| S5-236421 | Rel-18 CR 28.622 Add energy saving attributes to IOC ManagedFunction | Huawei | not pursued |  |  |
| S5-236422 | Rel-18 CR 28.623 Add energy saving attributes to IOC ManagedFunction | Huawei | not pursued |  |  |
| S5-236423 | Rel-17 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | revised |  | S5-237130 |
| S5-236424 | Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | revised |  | S5-236836 |
| S5-236425 | pCR TR 28.830 Add description of relation with performance management | Huawei, China Mobile | revised |  | S5-237175 |
| S5-236426 | pCR TR 28.830 Add solution of performance related alarm analysis | Huawei, China Mobile | revised |  | S5-237176 |
| S5-236427 | pCR TR 28.830 Add solution of root cause analysis enhancement | Huawei, China Mobile | revised |  | S5-237177 |
| S5-236428 | pCR TR 28.830 Add solution of fault impact analysis | Huawei, China Mobile | revised |  | S5-237178 |
| S5-236429 | pCR TR 28.830 Add description for MDA and close loop control | Huawei | revised |  | S5-237179 |
| S5-236430 | pCR TR 28.865 Update solution of service assurance for video monitoring | Huawei | revised |  | S5-237193 |
| S5-236431 | pCR TR 28.865 Update solution of service assurance for PLC control | Huawei | revised |  | S5-237194 |
| S5-236432 | pCR TR 28.865 Add conclusion of issue1 provisioning of network functions | Huawei | revised |  | S5-237192 |
| S5-236433 | pCR TR 28.865 Add conclusion of issue2 service assurance for video monitoring | Huawei | revised |  | S5-237195 |
| S5-236434 | pCR TR 28.865 Add conclusion of issue3 service assurance for PLC control | Huawei | revised |  | S5-237196 |
| S5-236435 | pCR TR 28.865 Add conclusions and recommendations for the FS\_DCSA study item | Huawei | noted |  |  |
| S5-236436 | Rel-18 pCR TR 28.845 Resolve Editor's Note of Business roles | Chinatelecom Cloud | approved |  |  |
| S5-236437 | Rel-18 pCR TR 28.845 Resolve Editor's Note of charging scenarios and key issues for Ranging Sidelink Positioning UE Discovery | Chinatelecom Cloud | revised |  | S5-237004 |
| S5-236438 | Rel-18 pCR TR 28.845 Update Clause 5.2 for Alignment with SA2 on UE based SL positioning | Chinatelecom Cloud | approved |  |  |
| S5-236439 | Rel-18 pCR TR 28.845 Add solution for Ranging Sidelink Positioning UE Discovery | Chinatelecom Cloud | revised |  | S5-237005 |
| S5-236440 | Rel-18 pCR TR 28.845 Add solution#2.X for 5GS charging for mobile originated UE positioning assisted by Sidelink Positioning and involving 5GC | Chinatelecom Cloud | revised |  | S5-237006 |
| S5-236441 | Rel-18 pCR TR 28.845 Add solution#2.Y for 5GS charging for mobile terminated UE positioning assisted by Sidelink Positioning and involving 5GC | Chinatelecom Cloud | revised |  | S5-237007 |
| S5-236442 | Rel-18 pCR TR 28.845 Add Solution for UE only Sidelink Positioning for Target UE using Located UE | Chinatelecom Cloud | revised |  | S5-237008 |
| S5-236443 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through PC5 | Chinatelecom Cloud | revised |  | S5-237009 |
| S5-236444 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through NEF | Chinatelecom Cloud | revised |  | S5-237010 |
| S5-236445 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through 5GC network via control plane | Chinatelecom Cloud | revised |  | S5-237011 |
| S5-236446 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to the AF | Chinatelecom Cloud | revised |  | S5-237012 |
| S5-236447 | Rel-18 CR TS 28.552 Add DL/UL PRB Usage per SSB to support AI/ML enabled NG-RAN | China Telecomunication Corp., Intel | revised |  | S5-236967 |
| S5-236448 | Rel-18 CR TS 28.552 Update DL/UL PRB Usage per cell to support AI/ML enabled NG-RAN | China Telecom Corporation Ltd.,Intel | revised |  | S5-236968 |
| S5-236449 | Rel-18 CR TS 28.310 Add reference to TS 28.312 for intent driven approach for RAN energy saving use case | Huawei, Deutsche Telekom | revised |  | S5-237068 |
| S5-236450 | Rel18 TS28.623 Add NRM fragments for scheduler and condition monitor (OpenAPI definition) | Nokia, Nokia Shanghai Bell | revised |  | S5-237119 |
| S5-236451 | New SID on SBMA enhancement phase 3 | Huawei | revised |  | S5-237209 |
| S5-236452 | Report of SA5 Rel-19 23Q3 moderated discussion – SBMA (continuation) | Huawei | noted |  |  |
| S5-236453 | Rel-18 Input to draft CR TS 28.105 Add ML performance metrics | Nokia, Nokia Shanghai Bell | revised |  | S5-236649 |
| S5-236454 | Rel-18 Input to draft CR TS 28.105 ML Inference NRM | Nokia, Nokia Shanghai Bell | revised |  | S5-236650 |
| S5-236455 | Rel-18 Input to draft CR TS 28.105 ML knowledge sharing | Nokia, Nokia Shanghai Bell | revised |  | S5-236651 |
| S5-236456 | Rel-18 Input to draft CR TS 28.105 ML Inference emulation Requirements | Nokia, Nokia Shanghai Bell, NTT DOCOMO, NEC | revised |  | S5-236652 |
| S5-236457 | Rel-18 Input to draft CR TS 28.105 Information on executed AIML Actions | Nokia, Nokia Shanghai Bell | revised |  | S5-236653 |
| S5-236458 | Rel-18 Input to draft CR TS 28.105 ML Activation NRM | Nokia, Nokia Shanghai Bell | revised |  | S5-236654 |
| S5-236459 | Rel-18 Input to draft CR TS 28.105 ML Training policy-based activation | Nokia, Nokia Shanghai Bell | revised |  | S5-236655 |
| S5-236460 | Rel-18 Input to draft CR TS 28.105 Coordinating ML Inference | Nokia, Nokia Shanghai Bell | revised |  | S5-236656 |
| S5-236461 | Rel-18 Input to draft CR TS 28.105 ML Inference emulation NRM | Nokia, Nokia Shanghai Bell | revised |  | S5-236657 |
| S5-236462 | Rel-18 CR TS 28.312 Selection among Expectation, targets and contexts | Nokia, Nokia Shanghai Bell | revised |  | S5-236956 |
| S5-236463 | Rel18 CR 28312 Requirements on intent Reporting | Nokia, Nokia Shanghai Bell | revised |  | S5-236953 |
| S5-236464 | Rel-15 CR TS 32.156 Clarifying Terminology | Ericsson Limited | revised |  | S5-237151 |
| S5-236465 | Rel-18 CR TS28.541 Remove the duplicated attributes | Huawei | revised |  | S5-236837 |
| S5-236466 | Rel-16 CR TS 32.156 Clarifying Terminology | Ericsson Limited | revised |  | S5-237152 |
| S5-236467 | Rel-17 CR TS 32.156 Clarifying Terminology | Ericsson Limited | revised |  | S5-237153 |
| S5-236468 | Rel-18 CR TS 28.552 Add measurements for NG-RAN Initiated paging sent by gNB-CU | China Telecomunication Corp., ZTE | agreed |  |  |
| S5-236469 | pCR TR 28.863 Issue # 3: Description for KQIs for Video Uploading | Huawei | revised |  | S5-237187 |
| S5-236470 | Rel-18 CR TS 32.156 Clarifying Terminology | Ericsson Limited | revised |  | S5-237154 |
| S5-236471 | pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading | Hawei | withdrawn |  |  |
| S5-236472 | pCR TR 28.863 Issue4 definition of Remote controll | Hawei | withdrawn |  |  |
| S5-236473 | Rel-17 CR TS 28.313 correction of performance measurements for MRO | Huawei | agreed |  |  |
| S5-236474 | Rel-16 CR TS 28.313 correction of performance measurements for MRO | Huawei | agreed |  |  |
| S5-236475 | Rel-17 CR TS 28.313 correction performance measurements for CHO and DAPS MRO | Huawei | revised |  | S5-237133 |
| S5-236476 | Rel-18 draftCR TS 28.105 Corrections of term of AIML management | Huawei | merged |  | S5-237114 |
| S5-236477 | Rel-18 draftCR TS 28.105 corrections for ML performance indicator selection | Huawei | not treated |  |  |
| S5-236478 | Rel-18 draftCR TS 28.105 Add solution for AIML inference function management | Huawei | merged |  | S5-237162 |
| S5-236479 | Rel-17 CR TS 28.105 Corrections of ML training related use cases description | Huawei | agreed |  |  |
| S5-236480 | Rel-18 CR TS 28.105 Corrections of ML training related use cases description | Huawei | agreed |  |  |
| S5-236481 | pCR TR 28.863 Issue5 Description of SLS requirements | Huawei | revised |  | S5-237191 |
| S5-236482 | Rel-15 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001 | Huawei | agreed |  |  |
| S5-236483 | Rel-16 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001 | Huawei | agreed |  |  |
| S5-236484 | Rel-17 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001 | Huawei | agreed |  |  |
| S5-236485 | Rel-18 CR 28.312 Intent Conflict Resolution Procedure | Huawei | revised |  | S5-237116 |
| S5-236486 | Update MDA capability of service failure recovery | Huawei | not pursued |  | - |
| S5-236487 | pCR 28.836 Add solution of modelling CNSliceProfile attributes as intent expectation for CN network slice subnetwork | Huawei | approved |  |  |
| S5-236488 | Rel-18 CR TS 28.533 Add a note sentence in clause A.4 | China Mobile (Hangzhou) Inf. | withdrawn |  |  |
| S5-236489 | Discussion paper on the need of NR NTN TAI information for Satellite access Charging | CATT | noted |  |  |
| S5-236490 | Update solutions for satellite access charging | CATT | noted |  |  |
| S5-236491 | Update evaluation for satellite access charging | CATT | noted |  |  |
| S5-236492 | Update solutions for edge computing with satellite backhaul | CATT | revised |  | S5-236996 |
| S5-236493 | Add Evaluation for edge computing charging with satellite backhaul | CATT | revised |  | S5-236997 |
| S5-236494 | Add Conclusion for edge computing charging with satellite backhaul | CATT | approved |  |  |
| S5-236495 | Update solutions for SSC-to-SSC communications via satellite backhaul | CATT | revised |  | S5-236999 |
| S5-236496 | Add Evaluation for SSC-to-SSC communications via satellite backhaul | CATT | revised |  | S5-237000 |
| S5-236497 | Add Conclusion for SSC-to-SSC communications via satellite backhaul | CATT | revised |  | S5-237001 |
| S5-236498 | Add Conclusion and Recommendations | CATT | revised |  | S5-237002 |
| S5-236499 | Add charging description for 5G data connectivity via satellite access | CATT | revised |  | S5-236994 |
| S5-236500 | Rel-18 CR TS 28.312 Correct issues for the reference to maxNumberofPDUsessions | China Mobile Com. Corporation | revised |  | S5-236948 |
| S5-236501 | Rel18 Input to draft CR TS28.105 information on ML training convergence | Nokia Italy | approved |  |  |
| S5-236502 | Rel-18\_CR\_28312\_Correct issues for Class definition including Intent and IntentReport | ZTE Corporation | withdrawn |  |  |
| S5-236503 | Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | withdrawn |  |  |
| S5-236504 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | withdrawn |  |  |
| S5-236505 | Rel-18\_CR\_28312\_Enhancement for Intent handling capability | ZTE Corporation | withdrawn |  |  |
| S5-236506 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | withdrawn |  |  |
| S5-236507 | Rel-18\_CR\_28836\_Correct issues of procedure for NS delivering and assurance | ZTE Corporation | withdrawn |  |  |
| S5-236508 | Update CHF Selection By Charging Domains | Amdocs, Nokia, Nokia Shanghai Bell | revised |  | S5-236986 |
| S5-236509 | Rel-18\_CR\_28836\_Correct issues of procedure for NS delivering and assurance | ZTE Corporation | approved |  |  |
| S5-236510 | Rel-18 CR TS 28.533 Add a note sentence in clause A.4 | China Mobile (Hangzhou) Inf. | withdrawn |  |  |
| S5-236511 | Add a note sentence in clause A.4 | China Mobile | revised |  | S5-237103 |
| S5-236512 | Reply to Liaison Statement from ETSI EE PS | Huawei Tech.(UK) Co.. Ltd | revised |  | S5-236930 |
| S5-236513 | Add definitions | Huawei | revised |  | S5-237094 |
| S5-236514 | Describe example scenarios involving multiple roles in EE KPI building | Huawei | revised |  | S5-237085 |
| S5-236515 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | revised |  | S5-237122 |
| S5-236516 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | revised |  | S5-237123 |
| S5-236517 | Rel-17\_CR\_28104\_Correct issues for MDA information model | ZTE Corporation | withdrawn |  |  |
| S5-236518 | Rel-18 CR TS 28.104 Correcting | ZTE Corporation | revised |  | S5-237124 |
| S5-236519 | Rel-17 CR TS 28.104 Correcting | ZTE Corporation | revised |  | S5-237125 |
| S5-236520 | New SID on energy efficiency and energy saving aspects of 5G networks and services | Huawei Tech.(UK) Co.. Ltd | revised |  | S5-237214 |
| S5-236521 | Report of SA5 Rel-19 23Q3 moderated discussion – 5GEE | Huawei Tech.(UK) Co.. Ltd | noted |  |  |
| S5-236522 | Rel-18 Input to draft CR TS 28.105 ML inference policy-based activation | Nokia Italy | noted |  |  |
| S5-236523 | Update the scope of TS 28.531 | Ericsson | revised |  | S5-237108 |
| S5-236524 | Rel-18 CR 28.541 Update recommended QoS model usage for Shared RAN (yang update) | Ericsson Inc. | revised |  | S5-237110 |
| S5-236525 | Rel-16 32.158 Clarify mapping of DNs to URIs | Ericsson Inc. | not pursued |  |  |
| S5-236526 | Rel-17 32.158 Clarify mapping of DNs to URIs | Ericsson Inc. | not pursued |  |  |
| S5-236527 | Rel-17 CR 28.622 Clarify MnS scope value for Managed Elements | Ericsson Inc. | agreed |  |  |
| S5-236528 | Rel-17 CR 28.623 Clarify MnS scope value for Managed Elements (stage3, yang) | Ericsson Inc. | agreed |  |  |
| S5-236529 | Rel-18 CR 28.622 Clarify MnS scope value for Managed Elements | Ericsson Inc. | agreed |  |  |
| S5-236530 | Rel-18 CR 28.623 Clarify MnS scope value for Managed Elements (stage3, yang) | Ericsson Inc. | agreed |  |  |
| S5-236531 | Rel-17 CR 28.623 Clarify HeartBeatControl IOC definition (stage3, yang) | Ericsson Inc. | not pursued |  |  |
| S5-236532 | Rel-16 CR 28.623 Clarify HeartbeatControl IOC definition (stage3, yang) | Ericsson Inc. | not pursued |  |  |
| S5-236533 | Rel-18 CR 28.623 Clarify HeartbeatControl IOC definition (stage3, yang) | Ericsson Inc. | not pursued |  |  |
| S5-236534 | Rel-16 CR 28.622 Clarify HeartbeatControl IOC definition | Ericsson Inc. | not pursued |  |  |
| S5-236535 | Rel-17 CR 28.622 Clarify HeartbeatControl IOC definition | Ericsson Inc. | not pursued |  |  |
| S5-236536 | Rel-18 CR 28.622 Clarify HeartbeatControl IOC definition | Ericsson Inc. | not pursued |  |  |
| S5-236537 | DP on defining measurements per UE | Intel, Nokia, CATT, NEC | noted |  |  |
| S5-236538 | Revised WID on enhancements of 5G performance measurements and KPIs phase3 | Intel, Nokia, CATT, NEC | agreed |  |  |
| S5-236539 | Initial Skeleton of draft TS 28.abc UE level measurements | Intel | noted |  |  |
| S5-236540 | pCR Add structure for new draft TS 28.abc UE level measurements | Intel | noted |  |  |
| S5-236541 | pCR TS 28.abc Add template for UE level measurement definition | Intel | noted |  |  |
| S5-236542 | pCR TS 28.abc Add Per-UE measurement related to DL packet delay between PSA UPF and UE | Intel | revised |  | S5-237216 |
| S5-236543 | Input to DraftCR 28.105 Add NRMs for RAN intelligence functions | Intel, NEC | merged |  | S5-237162 |
| S5-236544 | Input to DraftCR 28.105 Correction of ML update related IOCs | Intel, NEC | not treated |  |  |
| S5-236545 | Input to DraftCR 28.105 Add NRMs for ML entity loading | Intel, NEC, CATT | revised |  | S5-236939 |
| S5-236546 | New Rel-19 SID Study on AI and ML management phase 2 | Intel, NEC | revised |  | S5-237204 |
| S5-236547 | Reply LS to ZSM Work on AI enablers and intent-driven autonomous networks | Intel | approved |  |  |
| S5-236548 | Input to DraftCR 28.105 Add use case and requirements for ML entity loading | Intel, NEC, CATT | revised |  | S5-236938 |
| S5-236549 | Discussion Paper on how to handle undefined PM streaming operation | Ericsson Inc. | noted |  |  |
| S5-236550 | Rel-16 CR 28.532 Clarify Heartbeat MnS capability definition | Ericsson Inc. | not pursued | S5-235419 |  |
| S5-236551 | Rel-17 CR 28.532 Clarify Heartbeat MnS capability definition | Ericsson Inc. | not pursued |  |  |
| S5-236552 | MBS Charging Data Request and Response Messages | Nokia. Nokia Shanghai Bell | not pursued |  |  |
| S5-236553 | MBS Tariff change trigger and charging event | Nokia. Nokia Shanghai Bell | not pursued |  | - |
| S5-236554 | Rel-18 pCR 28.840 NF Consumers Information Solution 2 | Nokia, Nokia Shanghai Bell, Amdocs | revised |  | S5-236987 |
| S5-236555 | Rel-16 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI files | Ericsson Inc. | not pursued |  |  |
| S5-236556 | Rel-17 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI | Ericsson Inc. | not pursued |  | - |
| S5-236557 | Rel-16 CR 28.532 Correct URI definition inconsistencies | Ericsson Inc. | not pursued | S5-235428 |  |
| S5-236558 | Rel-17 CR 28.532 Correct URI definition inconsistencies | Ericsson Inc. | not pursued |  |  |
| S5-236559 | Rel-18 CR 28.532 Correct URI definition inconsistencies | Ericsson Inc. | not pursued |  |  |
| S5-236560 | Rel-18 CR 28.532 Correct inconsistencies in version number handling in OpenAPI | Ericsson Inc. | withdrawn | S5-236556 |  |
| S5-236561 | Rel-18 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI | Ericsson Inc. | not treated |  |  |
| S5-236562 | pCR TR 28.842 Potential solution for retrieval of stored management data | Microsoft Europe SARL | revised |  | S5-237181 |
| S5-236563 | pCR TR 28.842 Potential solution for discovery of stored management data | Microsoft Europe SARL | noted |  | - |
| S5-236564 | Rel-18 CR TS 28.312 add intent conflict resolution based on intent preemption | NTT DOCOMO | revised |  | S5-237041 |
| S5-236565 | Rel-18 CR TS 28.312 add attributes of intent preemption | NTT DOCOMO | not pursued |  | - |
| S5-236566 | pCR TS 28.abc Add Per-UE measurement related to average DL/UL UE throughput | China Telecomunication Corp., Intel | noted |  |  |
| S5-236567 | New Study on Enhancement of Management Aspects Related to NWDAF Phase 2 | China Telecomunication Corp. | revised |  | S5-237213 |
| S5-236568 | Rel-19 New SID on Plan and transaction management | Nokia, Nokia Shanghai Bell | revised |  | S5-237215 |
| S5-236569 | Rel-16 CR 28.532 Clarify usage of the attributes container in notifyMOIChanges | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236570 | Rel-18 & Rel-19 time plan proposal | SA5 Chair | revised | S5-235580 | S5-237057 |
| S5-236571 | Rel-17 CR 32.156 Add missing definition of node | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236572 | pCR TS 28.abc Add Per-UE measurement related to average packet loss | China Telecom Corporation Ltd., Intel | noted |  |  |
| S5-236573 | Rel-18 CR 32.156 Add missing definition of node | Nokia, Nokia Shanghai Bell | revised |  | S5-237201 |
| S5-236574 | Rel-18 CR 28.622 Add NRM fragment for scheduler and condition monitor (stage 2) | Nokia, Nokia Shanghai Bell | revised |  | S5-236970 |
| S5-236575 | Rel-18 32.161 JSON expressions (Jex) skeleton | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-236576 | Add one case and requirement for supporting change of intent handling function | ZTE Corporation | revised |  | S5-236949 |
| S5-236577 | Rel-18 pCR 32.161 Add Jex definitions | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-236578 | Rel-18 Input to DraftCR 28.622 Add new method for specifying the scope of subscriptions | Nokia, Nokia Shanghai Bell | revised |  | S5-237053 |
| S5-236579 | Clarify MnS consumer how handling infeasible results of intent fulfilment feasibility check | ZTE Corporation | revised |  | S5-236951 |
| S5-236580 | Rel-18 CR 28.532 Update definition of createMOI (stage 2) | Nokia, Nokia Shanghai Bell | revised |  | S5-237054 |
| S5-236581 | Enhance the description of intent report | ZTE Corporation | revised |  | S5-236952 |
| S5-236582 | Rel-18 CR 28.532 Update definition of modifyMOIAttributes | Nokia, Nokia Shanghai Bell | revised |  | S5-237055 |
| S5-236583 | Rel-18 CR 28.532 Add definition of changeMOIs (stage 2) | Nokia, Nokia Shanghai Bell | revised |  | S5-237056 |
| S5-236584 | Rel-18 InputToDraftCR 28.538 Federation Procedure | Samsung R&D Institute India | revised |  | S5-237183 |
| S5-236585 | Rel-18 pCR 28.842 New KI on Management data model | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-236586 | Rel-18 InputToDraftCR 28.538 Federation NRM | Samsung R&D Institute India | revised |  | S5-237184 |
| S5-236587 | Rel-18 pCR 28.842 New KI on Context information for historical data | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-236588 | Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management Procedure | Samsung R&D Institute India | revised |  | S5-237096 |
| S5-236589 | Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management NRM | Samsung R&D Institute India | revised |  | S5-237097 |
| S5-236590 | Rel-18 CR 28.541 User Data Access Stage-2 | Samsung R&D Institute India | not pursued |  |  |
| S5-236591 | Rel-18 CR 28.541 User Data Access Stage-3 | Samsung R&D Institute India | not pursued |  |  |
| S5-236592 | New SID on Closed Control Loop Management | Samsung R&D Institute India | noted |  | - |
| S5-236593 | Rel-18 CR TS 28.552 Adapt the Average delay DL air-interface measurement and Distribution of delay DL air-interface measurement to support cases for MEO and GEO satellite links | China Unicom | revised |  | S5-237101 |
| S5-236594 | Rel-18 InputToDraftCR 28.538 Federated ECS Management Requirements | Samsung R&D Institute India | revised |  | S5-237089 |
| S5-236595 | Rel-18 CR TS 28.554 Adapt the Downlink delay in NG-RAN and gNB-DU to support cases for MEO and GEO satellite links | China Unicom | revised |  | S5-237102 |
| S5-236596 | Discussion paper on charging open API in forge | Huawei | noted |  |  |
| S5-236597 | Discussion paper on triggers in charging stage 2 and stage 3 | Huawei | noted |  |  |
| S5-236598 | Remove the triggers in charging data message | Huawei | not pursued |  |  |
| S5-236599 | Remove the triggers in charging data message | Huawei | not pursued |  |  |
| S5-236600 | Remove the triggers in charging data message | Huawei | not pursued |  |  |
| S5-236601 | Remove the triggers in charging data message | Huawei | not pursued |  |  |
| S5-236602 | Correction on triggers for AMF charging | Huawei | not pursued |  |  |
| S5-236603 | Correction on triggers for AMF charging | Huawei | revised |  | S5-237019 |
| S5-236604 | Correction on triggers for AMF charging | Huawei | revised |  | S5-237020 |
| S5-236605 | Editorial correction | Huawei | agreed |  |  |
| S5-236606 | Editorial correction | Huawei | agreed |  |  |
| S5-236607 | Rel-18 CR 32.255 Clarification on roaming charging profile | Huawei | revised |  | S5-237029 |
| S5-236608 | Update the roaming charging profile transfer | Huawei | revised |  | S5-237030 |
| S5-236609 | Clarification on QBC triggers | Huawei | revised |  | S5-237031 |
| S5-236610 | Clarification on message flow of home routed charging | Huawei | not pursued |  |  |
| S5-236611 | Rel-18 pCR 28.203 Clarification on the quota management | Huawei | revised |  | S5-236899 |
| S5-236612 | Rel-18 pCR 28.203 Clarification on the triggers | Huawei | merged |  | S5-236897 |
| S5-236613 | Addition of the charging principle for SNPN charging | Huawei, China Mobile | revised |  | S5-236908 |
| S5-236614 | Support of caller and callee information in stage 3 | Huawei, China Mobile | revised |  | S5-236911 |
| S5-236615 | Update CHF CDRs | Huawei, China Mobile | revised |  | S5-236912 |
| S5-236616 | Clarification on reference point between MB-SMF and the CHF and MBS charging ID | Huawei | not pursued |  | - |
| S5-236617 | Add PDU session charging procedures for multicast communication | Huawei | not pursued |  | - |
| S5-236618 | Add 5G MBS charging procedure for multicast and broadcast communication creation and deletion | Huawei | not pursued |  | - |
| S5-236619 | Add 5G MBS charging procedure of broadcast session establishment | Huawei | not pursued |  | - |
| S5-236620 | Add 5G MBS charging procedure of shared and individual delivery establishment for multicast | Huawei | not pursued |  | - |
| S5-236621 | Add 5G MBS charging information definition | Huawei | not pursued |  | - |
| S5-236622 | Rel-18 pCR 32.282 Initial skeleton of TS 32.282 v0.0.0 | Huawei | revised |  | S5-236894 |
| S5-236623 | Rel-18 pCR 32.282 Update of skeleton | Huawei | revised |  | S5-236895 |
| S5-236624 | Rel-18 pCR 32.282 Update scope, references and definitions | Huawei | revised |  | S5-236971 |
| S5-236625 | Rel-18 pCR 32.282 Update architecture considerations | Huawei | revised |  | S5-236972 |
| S5-236626 | Rel-18 pCR 32.282 Update charging principles | Huawei | revised |  | S5-236973 |
| S5-236627 | Rel-18 pCR 32.282 Update basic principles in charging scenarios | Huawei | revised |  | S5-236974 |
| S5-236628 | Add charging support for TSN service | Huawei | revised |  | S5-236975 |
| S5-236629 | Add architecture and principles for TSC traffic charging | Huawei | revised |  | S5-236976 |
| S5-236630 | Add annex for B2B charging | Huawei | revised |  | S5-236977 |
| S5-236631 | Update B2B charging principles | Huawei | revised |  | S5-236978 |
| S5-236632 | Add common CHF to CHF interaction | Huawei | revised |  | S5-236979 |
| S5-236633 | Add CHF to CHF interaction in LBO roaming scenario | Huawei | merged |  | S5-236981 |
| S5-236634 | Quota mangement for CHF to CHF communication | Huawei | revised |  | S5-236984 |
| S5-236635 | Add charging support for 5G data connectivity via satellite access | Huawei | merged |  | S5-236994 |
| S5-236636 | Add charging support for 5G connection via satellite access | Huawei | revised |  | S5-236995 |
| S5-236637 | Rel-18 pCR 28.826 Update the solution evaluation and conclusion in clause 5 | Huawei | merged |  | S5-237014 |
| S5-236638 | Rel-18 pCR 28.826 Update the solution evaluation and conclusion in clause 6 | Huawei | revised |  | S5-237018 |
| S5-236639 | Rel-18 pCR 28.840 Add solution for CHF selection by location | Huawei | revised |  | S5-236988 |
| S5-236640 | Rel-18 pCR 28.840 Add solution for CHF selection by NF instance | Huawei | revised |  | S5-236989 |
| S5-236641 | Rel-18 pCR 28.840 Add solution for CHF selection by user group | Huawei | revised |  | S5-236990 |
| S5-236642 | Rel-18 CR 28.552 Add use case on NWDAF ML model related measurements | Nokia, Nokia Shanghai Bell | revised |  | S5-236960 |
| S5-236643 | Rel-18 CR TS 28.530 Add management capability support for integration with satellite networking | China Unicom, CATT | revised |  | S5-237098 |
| S5-236644 | Rel-18 CR 28.552 Add measurements related to number of ML models in NWDAF | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236645 | Rel-18 CR 28.552 Add measurements related to size of ML models in NWDAF | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236646 | Rel-18 CR 28.552 Add measurements related to usage of ML models in NWDAF | Nokia, Nokia Shanghai Bell | revised |  | S5-237165 |
| S5-236647 | Rel-18 CR 28.552 Update use case on coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | not pursued |  | - |
| S5-236648 | New\_SID\_Enablers\_for\_Security\_Monitoring | Nokia UK | revised |  | S5-237237 |
| S5-236649 | Rel-18 Input to draft CR TS 28.105 Add ML performance metrics | Nokia, Nokia Shanghai Bell | not treated | S5-236453 |  |
| S5-236650 | Rel-18 Input to draft CR TS 28.105 ML Inference NRM | Nokia, Nokia Shanghai Bell | noted | S5-236454 | - |
| S5-236651 | Rel-18 Input to draft CR TS 28.105 ML knowledge sharing | Nokia, Nokia Shanghai Bell | not treated | S5-236455 |  |
| S5-236652 | Rel-18 Input to draft CR TS 28.105 ML Inference emulation Requirements | Nokia, Nokia Shanghai Bell, NTT DOCOMO, NEC | not treated | S5-236456 |  |
| S5-236653 | Rel-18 Input to draft CR TS 28.105 Information on executed AIML Actions | Nokia, Nokia Shanghai Bell | not treated | S5-236457 |  |
| S5-236654 | Rel-18 Input to draft CR TS 28.105 ML Activation NRM | Nokia, Nokia Shanghai Bell | noted | S5-236458 |  |
| S5-236655 | Rel-18 Input to draft CR TS 28.105 ML Training policy-based activation | Nokia, Nokia Shanghai Bell | not treated | S5-236459 |  |
| S5-236656 | Rel-18 Input to draft CR TS 28.105 Coordinating ML Inference | Nokia, Nokia Shanghai Bell | noted | S5-236460 |  |
| S5-236657 | Rel-18 Input to draft CR TS 28.105 ML Inference emulation NRM | Nokia, Nokia Shanghai Bell | not treated | S5-236461 |  |
| S5-236658 | Rel-18 CR 28.552 Update measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | revised |  | S5-236959 |
| S5-236659 | Rel-18 CR 28.552 Add new measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | not pursued |  | - |
| S5-236660 | Rel-18 CR TS 28.533 Add example of RAN domain management capabilities mapped with ZSM | Huawei | revised |  | S5-237047 |
| S5-236661 | Rel-18 CR TS 28.533 Using Management Services to support multiple players interoperability | Huawei | revised |  | S5-237051 |
| S5-236662 | Rel-18 CR 28.552 Removing duplicate clauses for measurements related to NWDAF data collection | Nokia, Nokia Shanghai Bell | revised |  | S5-236957 |
| S5-236663 | Add description and potential requirement for intent report | ZTE Corporation | revised |  | S5-237076 |
| S5-236664 | Rel 17 CR TS 28.105 Remove unused decision entity term | Ericsson | agreed |  |  |
| S5-236665 | Rel 18 CR TS 28.105 Remove unused decision entity term | Ericsson | agreed |  |  |
| S5-236666 | Rewised WID Access control for management service | Nokia UK | revised |  | S5-237169 |
| S5-236667 | Rel-18 InputToDraftCR on 28.533 on Access control related to ConditionForMOIs | Nokia UK | noted |  |  |
| S5-236668 | Rel-18 InputToDraftCR 28.533 on Entities and interactions for Access control | Nokia UK | noted |  |  |
| S5-236669 | Rel-18 InputToDraftCR 28.533 on Stage 3 for Access control for management service | Nokia UK | noted |  |  |
| S5-236670 | Rel-18 pCR 28.xxx sections and headers for new proposed TS on access control | Nokia UK | revised |  | S5-237170 |
| S5-236671 | TS 28.xxx Skeleton TS on Access control of Management services | Nokia UK | approved |  |  |
| S5-236672 | Rel-17 CR TS 32.423 Correcting the reference to E1AP specification for gnb-DU record content | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236673 | Rel-18 CR TS 32.423 Correcting the reference to E1AP specification for gnb-DU record content | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236674 | Rel-15 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236675 | Rel-16 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236676 | Rel-17 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | not pursued |  |  |
| S5-236677 | Rel-18 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | revised |  | S5-237163 |
| S5-236678 | pCR TR 28.863 Issue4 definition of Remote controll | Huawei | withdrawn |  |  |
| S5-236679 | pCR TR 28.863 Issue4 definition of Remote controll | Huawei | revised |  | S5-237190 |
| S5-236680 | Rel-18 Input to DraftCR 28.105 add AI ML management capabilities for ML deployment and inference | China Mobile Com. Corporation | merged |  | S5-236938 |
| S5-236681 | Rel-18 Input to Draft CR 28.105 Modification on ML training initiated by producer | China Mobile Com. Corporation | not treated |  |  |
| S5-236682 | Rel-18 Input to Draft CR 28.105 Add new use case of ML entity exposure management | China Mobile Com. Corporation | revised |  | S5-236940 |
| S5-236683 | Rel-18 Input to Draft CR 28.105 Add use cases for ML emulation phase | China Mobile Com. Corporation | not treated |  |  |
| S5-236684 | Rel-18 Input to Draft CR 28.105 Modification on description of AIML update control | China Mobile Com. Corporation | not treated |  |  |
| S5-236685 | Rel-18 Input to draft CR TS 28.105 ML Inference History use case and requirements | Nokia, Nokia Shanghai Bell, NEC, NTT DOCOMO | revised |  | S5-236935 |
| S5-236686 | Rel-18 Input to draft CR TS 28.105 ML Inference History NRM | Nokia, Nokia Shanghai Bell | revised |  | S5-237166 |
| S5-236687 | Rel-17 CR 28.537 Clarify management service discovery use cases | Ericsson Inc. | revised |  | S5-237202 |
| S5-236688 | Rel-16 CR TS 28.541 Clarify the role of jitter as attribute in service profile | L.M. Ericsson Limited, Deutsche Telekom AG | not pursued | S5-235072 |  |
| S5-236689 | Rel-17 CT TS 28542 Clarify the role of jitter as attribute in service profile | L.M. Ericsson Limited, Deutsche Telekom AG | not pursued | S5-235073 |  |
| S5-236690 | Rel-18 CR TS 28.541 Clarify the role of jitter as attribute in service profile | L.M. Ericsson Limited, Deutsche Telekom AG | not pursued | S5-235074 |  |
| S5-236691 | Discussion paper on slice agnostic service profile solutions | L.M. Ericsson Limited, Deutsche Telekom AG | revised |  | S5-237221 |
| S5-236692 | Discussion paper on solutions for sharing and isolation | L.M. Ericsson Limited, Deutsche Telekom AG | noted |  |  |
| S5-236693 | Rel-18 CR TS 28.541 Add NRM solution for network slice sharing | L.M. Ericsson Limited, Deutsche Telekom AG | not pursued |  |  |
| S5-236694 | pCR TR 28.836 Add definitions | L.M. Ericsson Limited, Deutsche Telekom AG | noted |  |  |
| S5-236695 | pCR TR 28.836 Enhance benefit description in 4.6 | L.M. Ericsson Limited, Deutsche Telekom AG, Telefónica, Huawei | revised |  | S5-237174 |
| S5-236696 | Rel-18 CR 32.291 Correction of HTTP reference | Ericsson LM | revised |  | S5-237032 |
| S5-236697 | Rel-18 CR 32.291 Correction of content of type problem json | Ericsson | not pursued |  |  |
| S5-236698 | Rel-17 CR 32.298 Correction of record opening time | Ericsson LM | not pursued |  |  |
| S5-236699 | Rel-18 CR 32.298 Correction of record opening time | Ericsson | not pursued |  |  |
| S5-236700 | Rel-17 CR 32.255 Correction of record opening time | Ericsson | not pursued |  |  |
| S5-236701 | Rel-18 CR 32.255 Correction of record opening time | Ericsson | not pursued |  |  |
| S5-236702 | Rel-17 CR 32.298 Correction of duration | Ericsson LM | not pursued |  |  |
| S5-236703 | Rel-18 CR 32.298 Correction of duration | Ericsson | not pursued |  |  |
| S5-236704 | Rel-17 CR 32.298 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236705 | Rel-18 CR 32.298 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236706 | Rel-17 CR 32.255 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236707 | Rel-18 CR 32.255 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236708 | Rel-17 CR 32.291 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236709 | Rel-18 CR 32.291 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236710 | Rel-17 CR 32.260 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236711 | Rel-18 CR 32.260 Correction of invocation timestamp | Ericsson | not pursued |  |  |
| S5-236712 | Rel-17 CR 32.255 Correction of event time stamp and service specific units in CDR | Ericsson | not pursued |  |  |
| S5-236713 | Rel-18 CR 32.255 Correction of event time stamp and service specific units in CDR | Ericsson | not pursued |  |  |
| S5-236714 | Rel-17 CR 32.255 Correction of management trigger | Ericsson | revised |  | S5-237021 |
| S5-236715 | Rel-18 CR 32.255 Correction of management trigger | Ericsson | revised |  | S5-237022 |
| S5-236716 | Rel-17 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | revised |  | S5-237023 |
| S5-236717 | Rel-18 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | revised |  | S5-237024 |
| S5-236718 | Rel-17 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | revised |  | S5-237025 |
| S5-236719 | Rel-18 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | revised |  | S5-237026 |
| S5-236720 | Rel-17 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | revised |  | S5-237027 |
| S5-236721 | Rel-18 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | revised |  | S5-237028 |
| S5-236722 | Rel-18 pCR 28.203 Update of triggers | Ericsson LM | merged |  | S5-236897 |
| S5-236723 | Rel-18 pCR 28.203 Update of charging data request | Ericsson LM | merged |  | S5-236900 |
| S5-236724 | Rel-18 CR 32.240 Addition of CHF as consumer in LBO architecture | Ericsson | revised |  | S5-236980 |
| S5-236725 | Rel-18 CR 32.255 Addition of CHF as consumer in LBO architecture | Ericsson | revised |  | S5-236981 |
| S5-236726 | Rel-18 CR 32.256 Addition of CHF as consumer in LBO architecture | Ericsson | revised |  | S5-236982 |
| S5-236727 | Rel-18 CR 32.290 Addition of CHF as consumer | Ericsson | revised |  | S5-236983 |
| S5-236728 | Rel-18 CR 32.291 Addition of CHF as consumer | Ericsson | agreed |  |  |
| S5-236729 | Rel-18 pCR 28.826 Evaluation and clarification charging information optimization solutions | Ericsson LM | revised |  | S5-237014 |
| S5-236730 | Rel-18 pCR 28.826 Conclusion for charging request optimization | Ericsson LM | merged |  | S5-237017 |
| S5-236731 | Rel-18 pCR 28.826 Evaluation and conclusion for rating input enhancement | Ericsson LM | revised |  | S5-237015 |
| S5-236732 | Rel-18 pCR 28.826 Correction of solution 4.1 and evaluation | Ericsson LM | revised |  | S5-237016 |
| S5-236733 | Rel-18 pCR 28.826 Evaluation and conclusion for non-blocking mechanism enhancement | Ericsson LM | merged |  | S5-237017 |
| S5-236734 | Rel-18 pCR 28.826 Study conclusion for documentation improvements | Ericsson LM | merged |  | S5-237017 |
| S5-236735 | Rel-18 pCR 28.826 Final conclusion and recommendations | Ericsson LM | revised |  | S5-237017 |
| S5-236736 | Rel-18 pCR 28.840 Addition of solution for NF instance location | Ericsson LM | revised |  | S5-236991 |
| S5-236737 | Rel-18 pCR 28.840 Addition of solution for CHF selection | Ericsson LM | revised |  | S5-236992 |
| S5-236738 | Rel-18 pCR 28.840 Addition of solution for domain based discovery | Ericsson LM | revised |  | S5-236993 |
| S5-236739 | Add the introduction for the procedure of NF instance creation | ZTE Corporation | revised |  | S5-237106 |
| S5-236740 | Add the introduction for the procedure of NF instance deletion | ZTE Corporation | not pursued |  |  |
| S5-236741 | pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading | HUAWEI TECHNOLOGIES Co. Ltd. | withdrawn |  |  |
| S5-236742 | Add the introduction for the procedure of NF instance modification | ZTE Corporation | revised |  | S5-237107 |
| S5-236743 | Rel-16 CR 28.622 Correction of IOC ManagedNFService attribute values | Ericsson Limited | agreed |  |  |
| S5-236744 | Rel-17 CR 28.622 Correction of IOC ManagedNFService attribute values | Ericsson Limited | agreed |  |  |
| S5-236745 | Rel-18 CR 28.622 Correction of IOC ManagedNFService attribute values | Ericsson Limited | agreed |  |  |
| S5-236746 | pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading | HUAWEI | revised |  | S5-237189 |
| S5-236747 | Rel 17 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | agreed |  | - |
| S5-236748 | Rel 18 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | agreed |  | - |
| S5-236749 | Rel-17 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | revised |  | S5-237160 |
| S5-236750 | Rel-18 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | revised |  | S5-237161 |
| S5-236751 | Rel-18 CR 28.554 Add new KPI on air-interface efficiency based on MCS | China Unicom | revised |  | S5-237117 |
| S5-236752 | Add requirement for IOT-NTN management | CATT | revised |  | S5-237099 |
| S5-236753 | Add NRM Info Model definitions for IOT-NTN management | CATT | revised |  | S5-237100 |
| S5-236754 | Add NRM solution set definitions for IOT-NTN management | CATT | agreed |  |  |
| S5-236755 | New SID on Management Aspects of NTN Phase 2 | CATT,China Unicom | revised |  | S5-237210 |
| S5-236756 | Rel-18 CR 28.552 Add formula for packet success rate measurement | China Unicom,Ericsson | not pursued |  |  |
| S5-236757 | Rel-18 TS 28.552 Add new measurement for average value of Timing Advance per UE | China Unicom | revised |  | S5-236964 |
| S5-236758 | Moderator status report for Management aspect of NWDAF Phase 2 | China Telecomunication Corp. | noted |  |  |
| S5-236759 | Rel18 Input to draft CR TS28.105 Training data effectiveness reporting use cases and requirements | Nokia, Nokia Shanghai Bell | not treated |  |  |
| S5-236760 | pCR TR 28.910 rapporteur clean up | China Mobile | approved |  |  |
| S5-236761 | pCR TR 28.910 Add conclusion and recommendation | China Mobile, Huawei | revised |  | S5-237171 |
| S5-236762 | Presentation of Report to TSG TR 28.910 Version 1.0.0 | China Mobile | approved |  |  |
| S5-236763 | Report of SA5 Rel-19 23Q3 moderated discussion – EZTO | China Mobile | noted |  |  |
| S5-236764 | New SID on effectiveness of zero-touch orchestration and management | China Mobile, China Telecomunication | revised |  | S5-237225 |
| S5-236765 | Rel18 Input to draft CR TS 28.104 training data effectiveness analytics use case and requirements | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-236766 | Clarify user consent handling for MDT in private networks | Ericsson | revised |  | S5-236769 |
| S5-236767 | Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario | S5 | withdrawn |  |  |
| S5-236768 | Reply LS on user consent of Non-public Network | Ericsson LM | revised |  | S5-236771 |
| S5-236769 | Clarify user consent handling for MDT in private networks | Ericsson LM | revised | S5-236766 | S5-237084 |
| S5-236770 | Moderator status report for 5G PM&KPls and 5G NRM and QoE collection | China Telecomunication Corp. | noted |  |  |
| S5-236771 | LS on user consent of Non-public Network | Ericsson LM | revised | S5-236768 | S5-236928 |
| S5-236772 | Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario | China Unicom | revised |  | S5-237111 |
| S5-236773 | Report of SA5 Rel-19 23Q3 moderated discussion – NTN\_OAM\_Phase2 | CATT | noted |  |  |
| S5-236774 | New WID on Management aspects of 5G system with satellite backhaul | CATT | revised |  | S5-237211 |
| S5-236775 | Correct issues for Class definition including Intent and IntentReport | ZTE Corporation | agreed |  |  |
| S5-236776 | Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | merged |  | S5-236955 |
| S5-236777 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | revised |  | S5-237050 |
| S5-236778 | Rel-18 CR TS 28.312 Enhancement for Intent handling capability obtaining | ZTE Corporation | revised |  | S5-236950 |
| S5-236779 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | merged |  | S5-237116 |
| S5-236780 | Rel-18 CR TS 28.554 Correction Utilization KPI definition of PDU session establishment time of network slice | China Mobile | not pursued |  | - |
| S5-236781 | LS on the progress update of AI/ML Management specifications in SA5 | NEC, Intel | revised |  | S5-236932 |
| S5-236782 | pCR Input to DraftCR TS 28.105 Harmonize usage of ML model and entity | Ericsson Limited | revised |  | S5-237114 |
| S5-236783 | Rel-17 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | revised |  | S5-237142 |
| S5-236784 | Rel-18 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | revised |  | S5-237143 |
| S5-236785 | Rel-18 CR TS28.552 Add Total number of DL PDCP SDU Packets in gNB-CU-UP for split gNB deployment scenario | ZTE Corporation | revised |  | S5-237104 |
| S5-236786 | Rel-18 CR TS28.552 Add Total number of DL RLC SDU Packets in gNB-DU for split gNB deployment scenario | ZTE Corporation | revised |  | S5-237105 |
| S5-236787 | DP highlighting areas of potential overlap between SA5 and other working group | NEC, Intel | noted |  |  |
| S5-236788 | Rel-18 CR TS 28.312 Correct use case for Intent containing an expectation for 5GC network | China Mobile, Huawei | agreed |  |  |
| S5-236789 | Modify expectationId to expectationName | China Mobile Com. Corporation | merged |  | S5-237131 |
| S5-236790 | New SID Study on Management Data Analytics (MDA) – Phase 3 | NEC, Intel | revised |  | S5-237205 |
| S5-236791 | Rel-18 CR TS 28.312 Correct use case for Intent fulfillment feasibility check | China Mobile, Huawei | merged |  | S5-236951 |
| S5-236792 | Rel-18 Input to draft CR TS 28.104 Add Recommendation Scope | China Mobile Com. Corporation | not pursued |  | - |
| S5-236793 | New SID on Management aspects of Integrated Sensing and Communication | ZTE Corporation,China Unicom | revised |  | S5-237236 |
| S5-236794 | Rel-17 CR 28.105 Correction of attribute properties | Ericsson Limited | not treated |  |  |
| S5-236795 | Modify expectationId to expectationName | China Mobile Com. Corporation | merged |  | S5-237130 |
| S5-236796 | Rel-18 CR TS 28.310 Fix the description on UPFs for energy saving | China Mobile | merged |  | S5-237058 |
| S5-236797 | Rel-18 CR 28.105 Correction of attribute properties | Ericsson Limited | not treated |  |  |
| S5-236798 | Correction of NEFFunction and Sliceprofile | Ericsson India Private Limited | withdrawn |  |  |
| S5-236799 | Correction of NEFFunction and Sliceprofile | Ericsson India Private Limited | withdrawn |  |  |
| S5-236800 | Rel-18 CR TS 28.310 Update on energy saving for NEs and NFs | China Mobile | merged |  | S5-237058 |
| S5-236801 | Correction of 5GC NF measurements to evaluate EAS performance | China Telecom, Huawei | agreed |  |  |
| S5-236802 | DP on Effectiveness Indicators in Autonomous Network | China Mobile Com. Corporation | noted |  |  |
| S5-236803 | Correction of IOC name | Ericsson | not treated |  |  |
| S5-236804 | New SID on Management aspect of Network Digital Twin | China Mobile Group Device Co. | withdrawn |  |  |
| S5-236805 | Correction of 5GC NF measurements to evaluate EAS performance | China Telecom, Huawei | agreed |  |  |
| S5-236806 | CR correction of IOC Name | Ericsson | not treated |  |  |
| S5-236807 | New Rel-19 Study on intent driven management services for mobile networks phase 3 | Huawei | revised |  | S5-237207 |
| S5-236808 | Rel-17 CR TS28.312 Correct the description for Context <<dataType>> | China Mobile Com. Corporation | agreed |  |  |
| S5-236809 | New SID on Management of IAB Nodes | Ericsson Telecomunicazioni SpA | revised |  | S5-237232 |
| S5-236810 | Add description for AIML inference capabilities management | China Mobile | revised |  | S5-236936 |
| S5-236811 | Rel-18 CR TS 28.312 Correct the description for Context dataType | China Mobile Com. Corporation | revised |  | S5-237132 |
| S5-236812 | Status report on SA5 Rel-19 23Q3 moderated discussion - Management Data Analytics (MDA) - phase 3 | NEC | noted |  |  |
| S5-236813 | Rel18 Input to draft CR TS 28.105 Coordination of the ML capabilities | Nokia, Nokia Shanghai Bell, TELUS | not treated |  |  |
| S5-236814 | Add use case and requirements for AIML inference configuration management | China Mobile | not pursued |  |  |
| S5-236815 | Update Performance measurements for NWDAF | China Telecom | merged |  | S5-236957 |
| S5-236816 | Report of SA5 Rel-19 23Q3 moderated discussion – IDMS\_MN\_ph3 | Huawei (Moderator) | noted |  |  |
| S5-236817 | Rel-18 CR 28.312 Add REPORT to allowedValues in expectationVerb attributes | China Mobile Com. Corporation | not pursued |  |  |
| S5-236818 | Add use case and requirements for ML entity loading control and monitoring | China Mobile | not pursued |  |  |
| S5-236819 | Rel-18 CR TS 28.312 Enable MnS consumers to obtain historical intent reports | China Mobile Com. Corporation | not pursued |  | - |
| S5-236820 | Revised WID on Service Based Management Architecture (SBMA) | Ericsson | revised |  | S5-237052 |
| S5-236821 | Rel-18 CR TS 28312 Add requirements for intent decomposition | China Mobile Com. Corporation | not pursued |  |  |
| S5-236822 | Input to DraftCR 32.300 Move of info about IOC/MOC name to 32.156 | Ericsson | approved |  |  |
| S5-236823 | Rel-18 CR TS 28.312 Add requirements and solution for intent probe and intent negotiate | China Mobile | not pursued |  |  |
| S5-236824 | Moving IOC/MOC info from 32.300 | Ericsson | not pursued |  |  |
| S5-236825 | Add use case and requirements for pre-processed event data for ML training | China Mobile | not treated |  |  |
| S5-236826 | Add use case and requirements for tracking AI/ML inference decision and context | China Mobile | not pursued |  | - |
| S5-236827 | New WID on Support for Subscriber and Equipment Trace and QoE collection functionality in RAN and core network | Ericsson | withdrawn |  |  |
| S5-236828 | Add use case and requirements for training data effectiveness reporting and analytics | China Mobile | not treated |  |  |
| S5-236829 | New WID on Support for Subscriber and Equipment Trace and QoE collection functionality in RAN and core network | Ericsson | noted |  |  |
| S5-236830 | New SID on data management, subscriptions and reporting | Ericsson | noted |  |  |
| S5-236831 | Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition | Huawei | revised | S5-236255 | S5-236944 |
| S5-236832 | New WID on Provide management functions for Rel-19 traffic and radio functions in the RAN and the core network | Ericsson | noted |  |  |
| S5-236833 | Rel-18 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3 | Huawei | agreed | S5-236303 |  |
| S5-236834 | Rel-17 CR TS28.312 Correct stage2 issues for Edge Service Support Expectation | Huawei | agreed | S5-236304 |  |
| S5-236835 | Discussion on management aspects of 5G system with satellite backhaul | China Telecom Corporation Ltd. | noted |  |  |
| S5-236836 | Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | revised | S5-236424 | S5-237131 |
| S5-236837 | Rel-18 CR TS28.541 Remove the duplicated attributes | Huawei | not pursued | S5-236465 |  |
| S5-236838 | New SID on Management aspect of Network Digital Twin | China Mobile Group Device Co. | withdrawn |  |  |
| S5-236839 | New SID on Management aspect of Network Digital Twin | China Mobile Group Device Co. | revised |  | S5-237208 |
| S5-236840 | Rel-18 pCR 28.318 Annex A.Y perf thresh procedure | Nokia | revised |  | S5-237065 |
| S5-236841 | Rel-18 pCR 28.318 Annex A.Y mgmtdata procedure | Nokia | revised |  | S5-237066 |
| S5-236842 | Rel-18 pCR 28.318 clause 3 Definitions and Acronyms | Nokia | revised |  | S5-237061 |
| S5-236843 | Rel-17 CR 28.622 h70 NodeFilter | Nokia | withdrawn |  |  |
| S5-236844 | Rel-18 CR 28.622 i40 NodeFilter | Nokia | withdrawn |  |  |
| S5-236845 | Rel-17 CR 28.622 h70 MDC | Nokia | withdrawn |  |  |
| S5-236846 | Rel-18 CR 28.622 i40 MDC | Nokia | withdrawn |  |  |
| S5-236847 | Report of SA5 Rel-19 23Q3 moderated discussion | Nokia | noted |  |  |
| S5-236848 | Discussion DNs in NSOEU | Nokia | withdrawn |  |  |
| S5-236849 | Rel 17 CR TS 28.105 Remove unused attribute mLEntityList | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236850 | Rel 18 CR TS 28.105 Remove unused attribute mLEntityList | Nokia, Nokia Shanghai Bell | agreed |  |  |
| S5-236851 | DP Notification filtering | Ericsson Hungary Ltd | noted | S5-235250 |  |
| S5-236852 | Report of SA5 Rel-19 23Q3 moderated discussion - AI/ML management phase 2 | Intel | noted |  |  |
| S5-236853 | New SID on management aspects of RedCap feature | AsiaInfo | noted |  |  |
| S5-236854 | Report of SA5 Rel-19 23Q3 moderated discussion Management aspects of RedCap feature | AsiaInfo | noted |  |  |
| S5-236855 | Rel-18 Add KPI on Energy Efficiency of URLLC Network Slice based on reliability | China Unicom, Ericsson | withdrawn |  |  |
| S5-236856 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | withdrawn |  |  |
| S5-236857 | Rel-18 CR 28.554 Add new KPI on DL reliability with delay threshold in RAN | China Unicom | withdrawn |  |  |
| S5-236858 | Report of SA5 Rel-19 23Q3 moderated discussion-Cloud aspects of management and orchestration | Microsoft Europe SARL | noted |  |  |
| S5-236859 | New SID on Management of Network Sharing Phase 3 | China Unicom, China Telecom | revised |  | S5-237212 |
| S5-236860 | Report of SA5 Rel-19 23Q3 moderated discussion Management of Network Sharing | China Unicom | noted |  |  |
| S5-236861 | New SID on cloud aspects of management and orchestration | Microsoft Europe SARL | revised |  | S5-237234 |
| S5-236862 | Discussion paper on version control of interfaces | Nokia Germany | not treated |  |  |
| S5-236863 | Rel-18 Add KPI on Energy Efficiency of URLLC Network Slice based on reliability | China Unicom, Ericsson | not pursued |  |  |
| S5-236864 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | withdrawn |  |  |
| S5-236865 | Rel-18 CR 28.554 Add new KPI on DL reliability with delay threshold in RAN | China Unicom | not pursued |  |  |
| S5-236866 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | revised |  | S5-237112 |
| S5-236867 | Rel-18 CR 28.622 Explicit target of CM operations | Nokia, Nokia Shanghai Bell | not pursued |  | - |
| S5-236868 | Add DNN to ServiceProfile and SliceProfile | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-236869 | Rel-18 CR TS 28.541 Add slice validity info to ServiceProfile | Samsung R&D Institute UK | revised |  | S5-236969 |
| S5-236870 | Rel-17 CR TS 28.530 Add management capability to support IoT NTN scenario | China Telecom | merged |  | S5-237098 |
| S5-236871 | LS on issues with Packet Uu Loss Rate with delay threshold in the DL per DRB per UE | Samsung Electronics Czech | noted |  | - |
| S5-236872 | Rel-18 CR TS 28.554 KPI for EE of URLLC NS based on its reliability | Samsung Electronics Czech | not treated |  |  |
| S5-236873 | Report of SA5 Rel-19 23Q3 moderated discussion - CCL | Samsung R&D Institute India | noted |  |  |
| S5-236874 | Rel-18 pCR 28.840 NF Consumers Information Solution 2 | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-236875 | Rel-18 CR TS28.405 Fix API name | ZTE Corporation | agreed |  |  |
| S5-236876 | Rel-18 CR TS28.532 editorial Correction | ZTE Corporation | agreed |  |  |
| S5-236877 | Rel-18 CR TS28.552 editorial Corrections | ZTE Corporation | agreed |  |  |
| S5-236878 | Liaison Multi-SDO Autonomous Networks (AN) Formal Liaison: Call for Candidate Proposals for AN SDO Information Sharing | TM Forum | postponed |  |  |
| S5-236879 | Report of SA5 Rel-19 23Q3 moderated discussion - Digital Twin aspects of management | China Mobile Group Device Co. | noted |  |  |
| S5-236880 | Discussion Paper on Service Management for Rel-19 | Telefonica Germany GmbH, Huawei, Deustche Telekom | revised |  | S5-237203 |
| S5-236881 | Moderator report for Data Management | Ericsson France S.A.S | noted |  |  |
| S5-236882 | Report of SA5\_Rel-19\_23Q3\_moderated\_discussion\_-\_Management\_of\_IAB\_nodes-v0.0.2 | Ericsson Telecomunicazioni SpA | noted |  |  |
| S5-236883 | New WID on Migrating code to Forge Step1 | Ericsson India Private Limited | noted |  |  |
| S5-236884 | LS to 3GPP re Monitoring of Encrypted 5GS Signalling Traffic | GSMA | postponed | - | - |
| S5-236885 | CH agenda and time plan | SA5 SWG CH Chair (MATRIXX Software) | noted | S5-236209 | - |
| S5-236886 | Collection of useful contributions and external communication documents | Huawei Tech.(UK) Co.. Ltd | noted | S5-236210 | - |
| S5-236887 | Draft TS 28.203 | MATRIXX Software | approved | - | - |
| S5-236888 | Draft TS 28.204 | MATRIXX Software | approved | - | - |
| S5-236889 | Draft TS 32.282 | Huawei | approved | - | - |
| S5-236890 | Draft TR 28.826 | Ericsson | approved | - | - |
| S5-236891 | Draft TR 28.840 | Nokia, Nokia Shanghai Bell | approved | - | - |
| S5-236892 | Draft TR 28.844 | CATT | approved | - | - |
| S5-236893 | Draft TR 28.845 | China Telecom | approved | - | - |
| S5-236894 | Rel-18 pCR 32.282 Initial skeleton of TS 32.282 v0.0.0 | Huawei | approved | S5-236622 | - |
| S5-236895 | Rel-18 pCR 32.282 Update of skeleton | Huawei | approved | S5-236623 | - |
| S5-236896 | Reply to: Reply LS on CHF Logic Realization wrt/ Spending Limits functionality | MATRIXX Software | approved | - | - |
| S5-236897 | Rel-18 pCR 28.203 Solve Editor's Note - trigger description table | MATRIXX Software | approved | S5-236285 | - |
| S5-236898 | Rel-18 pCR 28.203 Solve Editor's Note on Abort | MATRIXX Software | approved | S5-236301 | - |
| S5-236899 | Rel-18 pCR 28.203 Clarification on the quota management | Huawei | approved | S5-236611 | - |
| S5-236900 | Rel-18 pCR 28.203 Solve Editor's Note - charging information | MATRIXX Software | approved | S5-236286 | - |
| S5-236901 | Rel-18 pCR 28.203 Update of charging data request | Ericsson LM | withdrawn | - | - |
| S5-236902 | Rel-18 pCR 28.203 Introduction of Detailed message format for converged charging | MATRIXX Software | approved | S5-236287 | - |
| S5-236903 | Rel-18 pCR 28.203 Introduction of CDR description | MATRIXX Software | approved | S5-236299 | - |
| S5-236904 | Rel-18 pCR 28.204 Introduce CDR generation | MATRIXX Software | approved | S5-236294 | - |
| S5-236905 | Rel-18 pCR 28.204 Introduce definition of charging information | MATRIXX Software | approved | S5-236296 | - |
| S5-236906 | Rel-18 CR 32.256 Addition of end user charging for PNI-NPN network usage of access | China Mobile | agreed | S5-236414 | - |
| S5-236907 | Rel-18 CR 32.256 Addition of end user charging for SNPN network usage of access | China Mobile | agreed | S5-236415 | - |
| S5-236908 | Addition of the charging principle for SNPN charging | Huawei, China Mobile | agreed | S5-236613 | - |
| S5-236909 | Rel-18 CR TS 32.260 IMS data channel duration-based charging termination process | Nokia, Nokia Shanghai Bell | agreed | S5-236383 | - |
| S5-236910 | Rel-18 CR 32.260 Addition of media information for IMS data channel | China Mobile | agreed | S5-236413 | - |
| S5-236911 | Support of caller and callee information in stage 3 | Huawei, China Mobile | agreed | S5-236614 | - |
| S5-236912 | Update CHF CDRs | Huawei, China Mobile | agreed | S5-236615 | - |
| S5-236913 | Add CHF selection mechanism for MB-SMF | China Mobile Com. Corporation, Huawei | approved | - | - |
| S5-236914 | Add basic principles for MBS session charging | China Mobile Com. Corporation, Huawei | approved | - | - |
| S5-236915 | Add 5MBS CDR genartion requirements | China Mobile Com. Corporation, Huawei | approved | - | - |
| S5-236916 | Add 5G MBS charging information definition | Huawei | approved | - | - |
| S5-236917 | MBS Tariff change trigger and charging event | Nokia. Nokia Shanghai Bell | approved | - | - |
| S5-236918 | Clarification on reference point between MB-SMF and the CHF and MBS charging ID | Huawei | approved | - | - |
| S5-236919 | Add PDU session charging procedures for multicast communication | Huawei | approved | - | - |
| S5-236920 | Add 5G MBS charging procedure for multicast and broadcast communication creation and deletion | Huawei | approved | - | - |
| S5-236921 | Add 5G MBS charging procedure of broadcast session establishment | Huawei | approved | - | - |
| S5-236922 | Add 5G MBS charging procedure of shared and individual delivery establishment for multicast | Huawei | approved | - | - |
| S5-236923 | Rel-18 pCR 32.2xx Add 5G MBS charging information definition | Huawei | approved | - | - |
| S5-236924 | Revised WID on Charging Aspects for SMF and MB-SMF to Support 5G Multicast-broadcast Services (SP-230623) | China Mobile | approved | - | - |
| S5-236925 | SA5 Rel-19 23Q3 moderated discussion – Management aspects of Integrated Sensing and  Communication - Version 0.0.4 | ZTE | noted | - | - |
| S5-236926 | Update on SA5 working procedures | Nokia, Nokia Shanghai Bell, Ericsson | approved | S5-236254 | - |
| S5-236927 | Reply to: LS on MDT measurements collection in MR-DC | Samsung | noted | - | - |
| S5-236928 | LS on user consent of Non-public Network | Ericsson LM | approved | S5-236771 | - |
| S5-236929 | Reply to: Reply LS on RAN UE Id optionality | Ericsson | withdrawn | - | - |
| S5-236930 | Reply to Liaison Statement from ETSI EE PS | Huawei Tech.(UK) Co.. Ltd | approved | S5-236512 | - |
| S5-236931 | Collection of useful endorsed documents in OAM | WG Vice Chair (Nokia( | noted | - | - |
| S5-236932 | LS on the progress update of AI/ML Management specifications in SA5 | NEC, Intel | noted | S5-236781 | - |
| S5-236933 | Reply to: LS on REl-18 work on architecture for enabling Edge Applications | Samsung | revised | - | S5-237241 |
| S5-236934 | Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Inference activation | Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel | noted | S5-236409 | - |
| S5-236935 | Rel-18 Input to draft CR TS 28.105 ML Inference History use case and requirements | Nokia, Nokia Shanghai Bell, NEC, NTT DOCOMO | approved | S5-236685 | - |
| S5-236936 | Add description for AIML inference capabilities management | China Mobile | not pursued | S5-236810 | - |
| S5-236937 | Reply to: IETF HTTP RFCs obsoleted by RFCs 9110, 9111 and 9113 | Nokia | withdrawn | - | - |
| S5-236938 | Input to DraftCR 28.105 Add use case and requirements for ML entity loading | Intel, NEC, CATT, China Mobile, Nokia, Ericsson, Huawei | approved | S5-236548 | - |
| S5-236939 | Input to DraftCR 28.105 Add NRMs for ML entity loading | Intel, NEC, CATT | approved | S5-236545 | - |
| S5-236940 | Rel-18 Input to Draft CR 28.105 Add new use case of ML entity exposure management | China Mobile Com. Corporation | approved | S5-236682 | - |
| S5-236941 | Rel-18 Input to draft CR TS 28.105 NRM for producer initiated training | Nokia, Nokia Shangai Bell | approved | S5-236367 | - |
| S5-236942 | Rel-18 CR TS 28.557 Add use case and requirements for SLA monitoring and assurance | Huawei | agreed | S5-236420 | - |
| S5-236943 | Rel-18 CR TS 28.557 Add use case and requirements for dedicated resource demand for Smart Grid Utilities | Huawei | not pursued | S5-236419 | - |
| S5-236944 | Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition | Huawei | agreed | S5-236831 | - |
| S5-236945 | Rel-18 CR TS 28.312 Enable MnS consumers to obtain historical intent reports | China Mobile Com. Corporation | withdrawn | - | - |
| S5-236946 | Update 5GC expectation | Huawei | not pursued | S5-236399 | - |
| S5-236947 | Rel-18 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | agreed | S5-236355 | - |
| S5-236948 | Rel-18 CR TS 28.312 Correct issues for the reference to maxNumberofPDUsessions | China Mobile Com. Corporation | agreed | S5-236500 | - |
| S5-236949 | Add one case and requirement for supporting change of intent handling function | ZTE Corporation | agreed | S5-236576 | - |
| S5-236950 | Rel-18 CR TS 28.312 Enhancement for Intent handling capability obtaining | ZTE Corporation | agreed | S5-236778 | - |
| S5-236951 | Clarify MnS consumer how handling infeasible results of intent fulfilment feasibility check | ZTE Corporation | not pursued | S5-236579 | - |
| S5-236952 | Enhance the description of intent report | ZTE Corporation | agreed | S5-236581 | - |
| S5-236953 | Rel18 CR 28312 Requirements on intent Reporting | Nokia, Nokia Shanghai Bell | agreed | S5-236463 | - |
| S5-236954 | Add YAML document examples for intent report instance | Huawei, Deutsche Telekom | agreed | S5-236308 | - |
| S5-236955 | Rel-18 CR TS 28.312 Correct issues for IntentReport model(6.4.4.3) | Huawei | agreed | S5-236310 | - |
| S5-236956 | Rel-18 CR TS 28.312 Selection among Expectation, targets and contexts | Nokia, Nokia Shanghai Bell | agreed | S5-236462 | - |
| S5-236957 | Rel-18 CR 28.552 Removing duplicate clauses for measurements related to NWDAF data collection | Nokia, Nokia Shanghai Bell,China Telecom | agreed | S5-236662 | - |
| S5-236958 | Rel-18 CR 28.552 Update use case on coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | approved | - | - |
| S5-236959 | Rel-18 CR 28.552 Update measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | agreed | S5-236658 | - |
| S5-236960 | Rel-18 CR 28.552 Add use case on NWDAF ML model related monitoring | Nokia, Nokia Shanghai Bell | agreed | S5-236642 | - |
| S5-236961 | Revised WID on 5G Advanced NRM features phase 2 (adNRM\_ph2) | Nokia, Nokia Shanghai Bell | agreed | S5-236350 | - |
| S5-236962 | TS28.541 Rel18 Move normative OpenAPI code to Forge | Nokia, Nokia Shanghai Bell, Ericsson | agreed | S5-236253 | - |
| S5-236963 | Rel-18 CR 28.623 Move normative YANG and YAML code to Forge | Ericsson India Private Limited | agreed | S5-236261 | - |
| S5-236964 | Rel-18 TS 28.552 Add new measurement for average value of Timing Advance per UE | China Unicom | not pursued | S5-236757 | - |
| S5-236965 | Rel-18 CR TS 28.552 Addition of measurements related to Number of successful RRC connection setups in relation to the time between successful RRC connection setup and last RRC connection release | Nokia, Nokia Shangai Bell | not pursued | S5-236372 | - |
| S5-236966 | Report for IDMS\_MN\_Ph2 breakout session | Huawei | noted | - | - |
| S5-236967 | Rel-18 CR TS 28.552 Add DL/UL PRB Usage per SSB to support AI/ML enabled NG-RAN | China Telecomunication Corp., Intel | agreed | S5-236447 | - |
| S5-236968 | Rel-18 CR TS 28.552 Update DL/UL PRB Usage per cell to support AI/ML enabled NG-RAN | China Telecom Corporation Ltd.,Intel | agreed | S5-236448 | - |
| S5-236969 | Rel-18 CR TS 28.541 Add slice validity info to ServiceProfile | Samsung R&D Institute UK | not pursued | S5-236869 | - |
| S5-236970 | Rel-18 CR 28.622 Add NRM fragment for scheduler and condition monitor (stage 2) | Nokia, Nokia Shanghai Bell | agreed | S5-236574 | - |
| S5-236971 | Rel-18 pCR 32.282 Update scope, references and definitions | Huawei | approved | S5-236624 | - |
| S5-236972 | Rel-18 pCR 32.282 Update architecture considerations | Huawei | approved | S5-236625 | - |
| S5-236973 | Rel-18 pCR 32.282 Update charging principles | Huawei | approved | S5-236626 | - |
| S5-236974 | Rel-18 pCR 32.282 Update basic principles in charging scenarios | Huawei | approved | S5-236627 | - |
| S5-236975 | Add charging support for TSN service | Huawei | agreed | S5-236628 | - |
| S5-236976 | Add architecture and principles for TSC traffic charging | Huawei | agreed | S5-236629 | - |
| S5-236977 | Add annex for B2B charging | Huawei | agreed | S5-236630 | - |
| S5-236978 | Update B2B charging principles | Huawei | agreed | S5-236631 | - |
| S5-236979 | Add common CHF to CHF interaction | Huawei | agreed | S5-236632 | - |
| S5-236980 | Rel-18 CR 32.240 Addition of CHF as consumer in LBO architecture | Ericsson | agreed | S5-236724 | - |
| S5-236981 | Rel-18 CR 32.255 Addition of CHF as consumer in LBO architecture | Ericsson | agreed | S5-236725 | - |
| S5-236982 | Rel-18 CR 32.256 Addition of CHF as consumer in LBO architecture | Ericsson | agreed | S5-236726 | - |
| S5-236983 | Rel-18 CR 32.290 Addition of CHF as consumer | Ericsson | agreed | S5-236727 | - |
| S5-236984 | Quota mangement for CHF to CHF communication | Huawei | not pursued | S5-236634 | - |
| S5-236985 | Rel-18 pCR TR 28.840 Latency Optimisation Solution | Amdocs, Nokia, Nokia Shanghai Bell | approved | S5-236387 | - |
| S5-236986 | Update CHF Selection By Charging Domains | Amdocs, Nokia, Nokia Shanghai Bell | approved | S5-236508 | - |
| S5-236987 | Rel-18 pCR 28.840 NF Consumers Information Solution 2 | Nokia, Nokia Shanghai Bell, Amdocs | approved | S5-236554 | - |
| S5-236988 | Rel-18 pCR 28.840 Add solution for CHF selection by location | Huawei | approved | S5-236639 | - |
| S5-236989 | Rel-18 pCR 28.840 Add solution for CHF selection by NF instance | Huawei | approved | S5-236640 | - |
| S5-236990 | Rel-18 pCR 28.840 Add solution for CHF selection by user group | Huawei | approved | S5-236641 | - |
| S5-236991 | Rel-18 pCR 28.840 Addition of solution for NF instance location | Ericsson LM | approved | S5-236736 | - |
| S5-236992 | Rel-18 pCR 28.840 Addition of solution for CHF selection | Ericsson LM | approved | S5-236737 | - |
| S5-236993 | Rel-18 pCR 28.840 Addition of solution for domain based discovery | Ericsson LM | approved | S5-236738 | - |
| S5-236994 | Add charging description for 5G data connectivity via satellite access | CATT | agreed | S5-236499 | - |
| S5-236995 | Add charging support for 5G connection via satellite access | Huawei | agreed | S5-236636 | - |
| S5-236996 | Update solutions for edge computing with satellite backhaul | CATT | approved | S5-236492 | - |
| S5-236997 | Add Evaluation for edge computing charging with satellite backhaul | CATT | approved | S5-236493 | - |
| S5-236998 | Rel-18 pCR TR 28.840 NF Consumers Information Solution 1 | Amdocs, Nokia, Nokia Shanghai Bell | approved | S5-236392 | - |
| S5-236999 | Update solutions for SSC-to-SSC communications via satellite backhaul | CATT | approved | S5-236495 | - |
| S5-237000 | Add Evaluation for SSC-to-SSC communications via satellite backhaul | CATT | approved | S5-236496 | - |
| S5-237001 | Add Conclusion for SSC-to-SSC communications via satellite backhaul | CATT | approved | S5-236497 | - |
| S5-237002 | Add Conclusion and Recommendations | CATT | approved | S5-236498 | - |
| S5-237003 | Presentation of TR 28.844 for Approval | CATT | approved | - | - |
| S5-237004 | Rel-18 pCR TR 28.845 Resolve Editor's Note of charging scenarios and key issues for Ranging Sidelink Positioning UE Discovery | Chinatelecom Cloud | approved | S5-236437 | - |
| S5-237005 | Rel-18 pCR TR 28.845 Add solution for Ranging Sidelink Positioning UE Discovery | Chinatelecom Cloud | approved | S5-236439 | - |
| S5-237006 | Rel-18 pCR TR 28.845 Add solution#2.X for 5GS charging for mobile originated UE positioning assisted by Sidelink Positioning and involving 5GC | Chinatelecom Cloud | approved | S5-236440 | - |
| S5-237007 | Rel-18 pCR TR 28.845 Add solution#2.Y for 5GS charging for mobile terminated UE positioning assisted by Sidelink Positioning and involving 5GC | Chinatelecom Cloud | approved | S5-236441 | - |
| S5-237008 | Rel-18 pCR TR 28.845 Add Solution for UE only Sidelink Positioning for Target UE using Located UE | Chinatelecom Cloud | approved | S5-236442 | - |
| S5-237009 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through PC5 | Chinatelecom Cloud | approved | S5-236443 | - |
| S5-237010 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through NEF | Chinatelecom Cloud | approved | S5-236444 | - |
| S5-237011 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to Client UE through 5GC network via control plane | Chinatelecom Cloud | approved | S5-236445 | - |
| S5-237012 | Rel-18 pCR TR 28.845 Add Solution for Ranging SL Positioning service exposure to the AF | Chinatelecom Cloud | approved | S5-236446 | - |
| S5-237013 | Rel-18 pCR TR 28.826 Payload Data reference | Nokia, Nokia Shanghai Bell | approved | S5-236389 | - |
| S5-237014 | Rel-18 pCR 28.826 Evaluation and clarification charging information optimization solutions | Ericsson LM | approved | S5-236729 | - |
| S5-237015 | Rel-18 pCR 28.826 Evaluation and conclusion for rating input enhancement | Ericsson LM | approved | S5-236731 | - |
| S5-237016 | Rel-18 pCR 28.826 Correction of solution 4.1 and evaluation | Ericsson LM | approved | S5-236732 | - |
| S5-237017 | Rel-18 pCR 28.826 Final conclusion and recommendations | Ericsson LM | noted | S5-236735 | - |
| S5-237018 | Rel-18 pCR 28.826 Update the solution evaluation and conclusion in clause 6 | Huawei | approved | S5-236638 | - |
| S5-237019 | Correction on triggers for AMF charging | Huawei | agreed | S5-236603 | - |
| S5-237020 | Correction on triggers for AMF charging | Huawei | agreed | S5-236604 | - |
| S5-237021 | Rel-17 CR 32.255 Correction of management trigger | Ericsson | agreed | S5-236714 | - |
| S5-237022 | Rel-18 CR 32.255 Correction of management trigger | Ericsson | agreed | S5-236715 | - |
| S5-237023 | Rel-17 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | agreed | S5-236716 | - |
| S5-237024 | Rel-18 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | agreed | S5-236717 | - |
| S5-237025 | Rel-17 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | agreed | S5-236718 | - |
| S5-237026 | Rel-18 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | agreed | S5-236719 | - |
| S5-237027 | Rel-17 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | agreed | S5-236720 | - |
| S5-237028 | Rel-18 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | agreed | S5-236721 | - |
| S5-237029 | Rel-18 CR 32.255 Clarification on roaming charging profile | Huawei | agreed | S5-236607 | - |
| S5-237030 | Update the roaming charging profile transfer | Huawei | agreed | S5-236608 | - |
| S5-237031 | Clarification on QBC triggers | Huawei | agreed | S5-236609 | - |
| S5-237032 | Rel-18 CR 32.291 Correction of HTTP reference | Ericsson LM | agreed | S5-236696 | - |
| S5-237033 | Rel-18 pCR 32.27x Initial skeleton of TS 32.27x v0.0.0 | China Mobile Com. Corporation | approved | - | - |
| S5-237034 | Draft TS 32.27x | China Mobile Com. Corporation | approved | - | - |
| S5-237035 | LS to CT4 on the need of the NR NTN TAI information | CATT | approved | - | - |
| S5-237036 | Add description for AIML inference capabilities management | China Mobile | approved | - | - |
| S5-237037 | Draft TS 28.111 | Ericsson | approved | - | - |
| S5-237038 | Draft TS 32.161 | Nokia | approved | - | - |
| S5-237039 | Draft TS 28.318 | Samsung | withdrawn | - | - |
| S5-237040 | Draft TR 28.830 | China Mobile | email approval | - | - |
| S5-237041 | Rel-18 CR TS 28.312 add intent conflict resolution based on intent preemption | NTT DOCOMO | agreed | S5-236564 | - |
| S5-237042 | Rel-18 CR TS 28.312 add attributes of intent preemption | NTT DOCOMO | withdrawn | - | - |
| S5-237043 | Rel-18 dCR 28.622 Remove FM related parts | Ericsson India Private Limited | approved | S5-236258 | - |
| S5-237044 | Rel-18 dCR 28.623 Remove-Update FM related parts | Ericsson India Private Limited | approved | S5-236264 | - |
| S5-237045 | Rel-18 dCR 28.532 Remove-Update FM related parts | Ericsson India Private Limited | approved | S5-236265 | - |
| S5-237046 | Rel-18 pCR 28.111 FM updates | Ericsson India Private Limited | approved | S5-236267 | - |
| S5-237047 | Rel-18 CR TS 28.533 Add example of RAN domain management capabilities mapped with ZSM | Huawei, Telefónica, Deutsche Telekom | agreed | S5-236660 | - |
| S5-237048 | Rel-18 CR TS 28.312 Add Intent interface deployment scenarios in Annex | Huawei, Deutsche Telekom, Ericsson | agreed | S5-236312 | - |
| S5-237049 | Add RadioServiceExpectation | Huawei, Deutsche Telekom | agreed | S5-236313 | - |
| S5-237050 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | agreed | S5-236777 | - |
| S5-237051 | Rel-18 CR TS 28.533 Using Management Services to support multiple players interoperability | Huawei | agreed | S5-236661 | - |
| S5-237052 | Revised WID on Service Based Management Architecture (SBMA) | Ericsson | agreed | S5-236820 | - |
| S5-237053 | Rel-18 Input to DraftCR 28.622 Add new method for specifying the scope of subscriptions | Nokia, Nokia Shanghai Bell | approved | S5-236578 | - |
| S5-237054 | Rel-18 CR 28.532 Update definition of createMOI (stage 2) | Nokia, Nokia Shanghai Bell | agreed | S5-236580 | - |
| S5-237055 | Rel-18 CR 28.532 Update definition of modifyMOIAttributes | Nokia, Nokia Shanghai Bell | agreed | S5-236582 | - |
| S5-237056 | Rel-18 CR 28.532 Add definition of changeMOIs (stage 2) | Nokia, Nokia Shanghai Bell | agreed | S5-236583 | - |
| S5-237057 | Rel-18 & Rel-19 time plan proposal | SA5 Chair | noted | S5-236570 | - |
| S5-237058 | Rel-18 CR 28.310 Update on energy saving for UPFs | Huawei, China Mobile | agreed | S5-236418 | - |
| S5-237059 | LS to SA2 on the scope of the ES solutions for 5GC functions | Huawei | withdrawn | - | - |
| S5-237060 | Rel-18 CR 28.552 Add new measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | approved | - | - |
| S5-237061 | Rel-18 pCR 28.318 clause 3 Definitions and Acronyms | Nokia | approved | S5-236842 | - |
| S5-237062 | Draft TS 28.318 | Samsung | approved | - | - |
| S5-237063 | Rel-18 pCR 28.318 5.Y Exposed performance monitoring requirements | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | approved | S5-236238 | - |
| S5-237064 | Rel-18 pCR 28.318 Availability KPI definition | Nokia Hungary | approved | S5-236342 | - |
| S5-237065 | Rel-18 pCR 28.318 Annex A.Y perf thresh procedure | Nokia | approved | S5-236840 | - |
| S5-237066 | Rel-18 pCR 28.318 Annex A.Y mgmtdata procedure | Nokia | approved | S5-236841 | - |
| S5-237067 | Rel-18 pCR 28.318 5.X Exposed coordinated recovery requirements | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | approved | S5-236237 | - |
| S5-237068 | Rel-18 CR TS 28.310 Add reference to TS 28.312 for intent driven approach for RAN energy saving use case | Huawei, Deutsche Telekom | agreed | S5-236449 | - |
| S5-237069 | Rel-18 pCR 28.318 Annex X Coordinated energy service recovery business relationship model | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | approved | S5-236239 | - |
| S5-237070 | Rel-18 pCR 28.318 Annex Y Coordinated energy recovery scenarios | Samsung, EUTC, BMWK, EDF, Deutsche Telekom | approved | S5-236240 | - |
| S5-237071 | Rel-18 pCR 28.318 6.X Coordinated energy recovery procedures | Samsung, EUTC, EDF, Deutsche Telekom | approved | S5-236379 | - |
| S5-237072 | Rel-18 pCR 28.318 Address editor's notes | Samsung, EUTC, EDF, BMWK, Deutsche Telekom | approved | S5-236241 | - |
| S5-237073 | Rel-18 pCR 28.318 Clarifications | EUTC, Samsung, BMWK, EDF, Deutsche Telekom | approved | S5-236256 | - |
| S5-237074 | Rel-18 CR TS 28.312 Add procedure for intent report and intent handling capability obtaining | Huawei, Deutsche Telekom | agreed | S5-236309 | - |
| S5-237075 | Rel-18 Input to draft CR TS 28.104 Add Recommendation Scope | China Mobile Com. Corporation | withdrawn | - | - |
| S5-237076 | Add description and potential requirement for intent report | ZTE Corporation | agreed | S5-236663 | - |
| S5-237077 | Rel-18 Input to draft CR TS 28.104 Add enabling data for mobility and EE related PMs | Nokia, Nokia Shangai Bell | approved | S5-236371 | - |
| S5-237078 | Rel18 Input to draft CR TS28.104 Event data analytics use case and requirements | Nokia, Nokia Shanghai Bell | withdrawn | - | - |
| S5-237079 | Rel18 Input to draft CR TS28.104 Performance Measurement data correlation analytics use case and requirements | Nokia, Nokia Shanghai Bell | withdrawn | - | - |
| S5-237080 | Input to DraftCR Update MDA capability of service failure recovery | Huawei | approved | - | - |
| S5-237081 | Rel17 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | agreed | - | - |
| S5-237082 | Rel-18 CR TS 28.531 Add and update use case for network slice isolation support | Nokia, Nokia Shanghai Bell | not pursued | S5-236333 | - |
| S5-237083 | Rel-18 CR TS 28.541 Add NRM for network slice isolation | Nokia, Nokia Shanghai Bell, Telefonica | not pursued | S5-236332 | - |
| S5-237084 | Clarify user consent handling for MDT in private networks | Ericsson LM | agreed | S5-236769 | - |
| S5-237085 | Describe example scenarios involving multiple roles in EE KPI building | Huawei | agreed | S5-236514 | - |
| S5-237086 | Rel-18 CR TS 32.422 Report Amount parameter in NR | Nokia, Nokia Shanghai Bell | agreed | S5-236365 | - |
| S5-237087 | Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14 | AsiaInfo, China Unicom | agreed | S5-236279 | - |
| S5-237088 | Rel-17 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | agreed | S5-236353 | - |
| S5-237089 | Rel-18 InputToDraftCR 28.538 Federated ECS Management Requirements | Samsung R&D Institute India | approved | S5-236594 | - |
| S5-237090 | Rel-18 DraftCR 28.538 update UC description for EAS LCM | Huawei | approved | S5-236404 | - |
| S5-237091 | Rel-18 DraftCR 28.538 add query EDN availalbe edge resource requirements | Huawei | approved | S5-236400 | - |
| S5-237092 | Rel-18 draftCR 28.538 adding aVailableEdgeResources in EDN | Huawei | approved | S5-236406 | - |
| S5-237093 | Rel-18 DraftCR 28.538 EAS resource reservation requirements | Huawei | approved | S5-236403 | - |
| S5-237094 | Add definitions | Huawei | not pursued | S5-236513 | - |
| S5-237095 | Rel-18 draftCR 28.538 adding EAS resource reservation procedure | Huawei | approved | S5-236408 | - |
| S5-237096 | Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management Procedure | Samsung R&D Institute India | approved | S5-236588 | - |
| S5-237097 | Rel-18 InputToDraftCR 28.538 Federated EAS Lifecycle Management NRM | Samsung R&D Institute India | approved | S5-236589 | - |
| S5-237098 | Rel-18 CR TS 28.530 Add management capability support for integration with satellite networking | China Unicom, CATT,China Telecom | not pursued | S5-236643 | - |
| S5-237099 | Add requirement for IOT-NTN management | CATT | agreed | S5-236752 | - |
| S5-237100 | Add NRM Info Model definitions for IOT-NTN management | CATT | agreed | S5-236753 | - |
| S5-237101 | Rel-18 CR TS 28.552 Adapt the Average delay DL air-interface measurement and Distribution of delay DL air-interface measurement to support cases for MEO and GEO satellite links | China Unicom | agreed | S5-236593 | - |
| S5-237102 | Rel-18 CR TS 28.554 Adapt the Downlink delay in NG-RAN and gNB-DU to support cases for MEO and GEO satellite links | China Unicom | agreed | S5-236595 | - |
| S5-237103 | Add a note sentence in clause A.4 | China Mobile | agreed | S5-236511 | - |
| S5-237104 | Rel-18 CR TS28.552 Add Total number of DL PDCP SDU Packets in gNB-CU-UP for split gNB deployment scenario | ZTE Corporation | agreed | S5-236785 | - |
| S5-237105 | Rel-18 CR TS28.552 Add Total number of DL RLC SDU Packets in gNB-DU for split gNB deployment scenario | ZTE Corporation | agreed | S5-236786 | - |
| S5-237106 | Add the introduction for the procedure of NF instance creation | ZTE Corporation | not pursued | S5-236739 | - |
| S5-237107 | Add the introduction for the procedure of NF instance modification | ZTE Corporation | revised | S5-236742 | S5-237223 |
| S5-237108 | Update the scope of TS 28.531 | Ericsson | agreed | S5-236523 | - |
| S5-237109 | Rel-18 CR TS 28.541 Address EP\_F1 issue for MOCN RAN sharing scenario | Huawei | withdrawn | - | - |
| S5-237110 | Rel-18 CR 28.541 Update recommended QoS model usage for Shared RAN (yang update) | Ericsson Inc. | agreed | S5-236524 | - |
| S5-237111 | Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario | China Unicom | agreed | S5-236772 | - |
| S5-237112 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | not pursued | S5-236866 | - |
| S5-237113 | pCR TS 28.317 Add concept, use case and requirements for network configuration data handling | China Mobile, Huawei | noted | S5-236276 | - |
| S5-237114 | pCR Input to DraftCR TS 28.105 Harmonize usage of ML model and entity | Ericsson Limited | approved | S5-236782 | - |
| S5-237115 | Draft TR 28.910 | China Mobile | approved | - | - |
| S5-237116 | Rel-18 CR 28.312 Intent Conflict Resolution Procedure | Huawei | not pursued | S5-236485 | - |
| S5-237117 | Rel-18 CR 28.554 Add new KPI on air-interface efficiency based on MCS | China Unicom | agreed | S5-236751 | - |
| S5-237118 | Documenting KPIs in TS 28.318 | Samsung | noted | - | - |
| S5-237119 | Rel18 TS28.623 Add NRM fragments for scheduler and condition monitor (OpenAPI definition) | Nokia, Nokia Shanghai Bell | agreed | S5-236450 | - |
| S5-237120 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute kPIMonitoring | Nokia, Nokia Shanghai Bell, KDDI, TELUS | agreed | S5-236336 | - |
| S5-237121 | Rel-18 CR TS 32.156 Supplement the specification for establishing a relationship between <<dataType>> and model elements in UML class diagram | China Mobile Com. Corporation | not pursued | S5-236315 | - |
| S5-237122 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | agreed | S5-236515 | - |
| S5-237123 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | agreed | S5-236516 | - |
| S5-237124 | Rel-18 CR TS 28.104 Correcting | ZTE Corporation | agreed | S5-236518 | - |
| S5-237125 | Rel-17 CR TS 28.104 Correcting | ZTE Corporation | agreed | S5-236519 | - |
| S5-237126 | Correction on ModelPerformance | Huawei | agreed | S5-236393 | - |
| S5-237127 | Rel-18 CR 28.105 correction on ModelPerformace | Huawei | agreed | S5-236394 | - |
| S5-237128 | Rel 17 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | withdrawn | - | - |
| S5-237129 | Rel 18 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | withdrawn | - | - |
| S5-237130 | Rel-17 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | agreed | S5-236423 | - |
| S5-237131 | Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | agreed | S5-236836 | - |
| S5-237132 | Rel-18 CR TS 28.312 Correct the description for Context dataType | China Mobile Com. Corporation | agreed | S5-236811 | - |
| S5-237133 | Rel-17 CR TS 28.313 correction performance measurements for CHO and DAPS MRO | Huawei | agreed | S5-236475 | - |
| S5-237134 | Rel-18 CR TS28.531 Update procedure of feasibility check and reservation of NSI and NSSI to align with FeasibilityCheckAndReservationJob | Huawei | agreed | S5-236305 | - |
| S5-237135 | Rel-18 CR 28.622 Explicit target of CM operations | Nokia, Nokia Shanghai Bell | withdrawn | - | - |
| S5-237136 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Deallocation | Nokia, Nokia Shanghai Bell | agreed | S5-236328 | - |
| S5-237137 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of network slice subnet instance deallocation | Nokia, Nokia Shanghai Bell | agreed | S5-236329 | - |
| S5-237138 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Modification | Nokia, Nokia Shanghai Bell | agreed | S5-236330 | - |
| S5-237139 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Subnet Instance Modification | Nokia, Nokia Shanghai Bell | agreed | S5-236331 | - |
| S5-237140 | Correction on performance assurance | Huawei | agreed | S5-236401 | - |
| S5-237141 | Rel-18 CR 28.538 correction on Performance Assurance | Huawei | agreed | S5-236402 | - |
| S5-237142 | Rel-17 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | agreed | S5-236783 | - |
| S5-237143 | Rel-18 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | agreed | S5-236784 | - |
| S5-237144 | Rel18 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | agreed | S5-236260 | - |
| S5-237145 | Rel-17 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | agreed | S5-236262 | - |
| S5-237146 | Rel-18 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | agreed | S5-236263 | - |
| S5-237147 | Rel-17 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | agreed | S5-236352 | - |
| S5-237148 | Rel-18 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | agreed | S5-236354 | - |
| S5-237149 | Rel-17 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | agreed | S5-236373 | - |
| S5-237150 | Rel-18 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | agreed | S5-236374 | - |
| S5-237151 | Rel-15 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | agreed | S5-236464 | - |
| S5-237152 | Rel-16 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | agreed | S5-236466 | - |
| S5-237153 | Rel-17 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | agreed | S5-236467 | - |
| S5-237154 | Rel-18 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | agreed | S5-236470 | - |
| S5-237155 | Rel-15 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | agreed | S5-236356 | - |
| S5-237156 | Rel-16 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | agreed | S5-236357 | - |
| S5-237157 | Rel-17 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | agreed | S5-236358 | - |
| S5-237158 | Rel-18 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | agreed | S5-236359 | - |
| S5-237159 | Rel18 Input to draft CR TS 28.105 Use case and requirements for ML Training activation | Nokia, Nokia Shanghai Bell, NTT DOCOMO, Intel | withdrawn | - | - |
| S5-237160 | Rel-17 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | agreed | S5-236749 | - |
| S5-237161 | Rel-18 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | agreed | S5-236750 | - |
| S5-237162 | Rel-18 Input to draft CR TS 28.105 ML Inference NRM | Nokia, Nokia Shanghai Bell | approved | - | - |
| S5-237163 | Rel-18 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | agreed | S5-236677 | - |
| S5-237164 | Rel-18 CR TS 28.105 Adding the missing relation between ML entity and ML process | Nokia, Nokia Shangai Bell | agreed | S5-236361 | - |
| S5-237165 | Rel-18 CR 28.552 Add measurements related to usage of ML models in NWDAF | Nokia, Nokia Shanghai Bell | agreed | S5-236646 | - |
| S5-237166 | Rel-18 Input to draft CR TS 28.105 ML Inference History NRM | Nokia, Nokia Shanghai Bell | noted | S5-236686 | - |
| S5-237167 | Rel-15 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | withdrawn | - | - |
| S5-237168 | Rel-16 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | agreed | - | - |
| S5-237169 | Rewised WID Access control for management service | Nokia UK | agreed | S5-236666 | - |
| S5-237170 | Rel-18 pCR 28.xxx sections and headers for new proposed TS on access control | Nokia UK | approved | S5-236670 | - |
| S5-237171 | pCR TR 28.910 Add conclusion and recommendation | China Mobile, Huawei | approved | S5-236761 | - |
| S5-237172 | pCR TR 28.910 Add solution for 5GC NF deployment | Huawei, China Mobile | revised | S5-236395 | S5-237243 |
| S5-237173 | Draft TR 28.836 | Ericsson | approved | - | - |
| S5-237174 | pCR TR 28.836 Enhance benefit description in 4.6 | L.M. Ericsson Limited, Deutsche Telekom AG, Telefónica, Huawei | approved | S5-236695 | - |
| S5-237175 | pCR TR 28.830 Add description of relation with performance management | Huawei, China Mobile | noted | S5-236425 | - |
| S5-237176 | pCR TR 28.830 Add solution of performance related alarm analysis | Huawei, China Mobile | noted | S5-236426 | - |
| S5-237177 | pCR TR 28.830 Add solution of root cause analysis enhancement | Huawei, China Mobile | noted | S5-236427 | - |
| S5-237178 | pCR TR 28.830 Add solution of fault impact analysis | Huawei, China Mobile | approved | S5-236428 | - |
| S5-237179 | pCR TR 28.830 Add description for MDA and close loop control | Huawei | approved | S5-236429 | - |
| S5-237180 | pCR TR 28.842 Potential solution for discovery of stored management data | Microsoft Europe SARL | withdrawn | - | - |
| S5-237181 | pCR TR 28.842 Potential solution for retrieval of stored management data | Microsoft Europe SARL, Ericsson, Huawei | approved | S5-236562 | - |
| S5-237182 | Draft TR 28.842 | Nokia | approved | - | - |
| S5-237183 | Rel-18 InputToDraftCR 28.538 Federation Procedure | Samsung R&D Institute India | approved | S5-236584 | - |
| S5-237184 | Rel-18 InputToDraftCR 28.538 Federation NRM | Samsung R&D Institute India | approved | S5-236586 | - |
| S5-237185 | Rel-18 DraftCR 28.538 add support for virtual infra resource requirement | Huawei | approved | S5-236405 | - |
| S5-237186 | Rel-19 OAM topic Progress in SA5#151 | WG Chair | noted | - | - |
| S5-237187 | pCR TR 28.863 Issue # 3: Description for KQIs for Video Uploading | Huawei | approved | S5-236469 | - |
| S5-237188 | Draft TR 28.863 | Huawei | approved | - | - |
| S5-237189 | pCR TR 28.863 Issue # 3: Solution of KQIs for Video Uploading | HUAWEI | approved | S5-236746 | - |
| S5-237190 | pCR TR 28.863 Issue4 definition of Remote controll | Huawei | noted | S5-236679 | - |
| S5-237191 | pCR TR 28.863 Issue5 Description of SLS requirements | Huawei | revised | S5-236481 | S5-237240 |
| S5-237192 | pCR TR 28.865 Add conclusion of issue1 provisioning of network functions | Huawei | approved | S5-236432 | - |
| S5-237193 | pCR TR 28.865 Update solution of service assurance for video monitoring | Huawei | approved | S5-236430 | - |
| S5-237194 | pCR TR 28.865 Update solution of service assurance for PLC control | Huawei | approved | S5-236431 | - |
| S5-237195 | pCR TR 28.865 Add conclusion of issue2 service assurance for video monitoring | Huawei | noted | S5-236433 | - |
| S5-237196 | pCR TR 28.865 Add conclusion of issue3 service assurance for PLC control | Huawei | noted | S5-236434 | - |
| S5-237197 | Discussion paper on separate yaml file for different control NRM fragments in TS 28.623 | Huawei | endorsed | S5-236319 | - |
| S5-237198 | TS28.541 Rel16 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | agreed | S5-236344 | - |
| S5-237199 | TS28.541 Rel17 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | agreed | S5-236345 | - |
| S5-237200 | TS28.541 Rel18 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | agreed | S5-236346 | - |
| S5-237201 | Rel-18 CR 32.156 Add missing definition of node | Nokia, Nokia Shanghai Bell | agreed | S5-236573 | - |
| S5-237202 | Rel-17 CR 28.537 Clarify management service discovery use cases | Ericsson Inc. | agreed | S5-236687 | - |
| S5-237203 | Discussion Paper on Service Management for Rel-19 | Telefónica, Huawei, Deutsche Telekom, Ericsson | endorsed | S5-236880 | - |
| S5-237204 | New Rel-19 SID Study on AI and ML management phase 2 | Intel, NEC | revised | S5-236546 | S5-237224 |
| S5-237205 | New SID Study on Management Data Analytics (MDA) – Phase 3 | NEC, Intel | noted | S5-236790 | - |
| S5-237206 | New SID on Closed Control Loop Management | Samsung R&D Institute India | noted | - | - |
| S5-237207 | New Rel-19 Study on intent driven management services for mobile networks phase 3 | Huawei | revised | S5-236807 | S5-237226 |
| S5-237208 | New SID on Management aspect of Network Digital Twin | China Mobile Group Device Co. | revised | S5-236839 | S5-237227 |
| S5-237209 | New SID on SBMA enhancement phase 3 | Huawei | revised | S5-236451 | S5-237228 |
| S5-237210 | New SID on Management Aspects of NTN Phase 2 | CATT,China Unicom | revised | S5-236755 | S5-237231 |
| S5-237211 | New WID on Management aspects of 5G system with satellite backhaul | CATT | agreed | S5-236774 | - |
| S5-237212 | New SID on Management of Network Sharing Phase 3 | China Unicom, China Telecom | revised | S5-236859 | S5-237233 |
| S5-237213 | New Study on Enhancement of Management Aspects Related to NWDAF Phase 2 | China Telecomunication Corp. | revised | S5-236567 | S5-237229 |
| S5-237214 | New SID on energy efficiency and energy saving aspects of 5G networks and services | Huawei Tech.(UK) Co.. Ltd | revised | S5-236520 | S5-237235 |
| S5-237215 | Rel-19 New SID on Plan and transaction management | Nokia, Nokia Shanghai Bell | revised | S5-236568 | S5-237230 |
| S5-237216 | pCR TS 28.abc Add Per-UE measurement related to DL packet delay between PSA UPF and UE | Intel | noted | S5-236542 | - |
| S5-237217 | BO\_MoM-2 S Forge\_Migration discussion | Nokia | noted | - | - |
| S5-237218 | BO\_MoM-3 Report for AdNRM\_Breakout\_Session\_Notes | Nokia | noted | - | - |
| S5-237219 | BO\_MoM-4 AI-ML\_breakout\_session\_minutes | Nokia | noted | - | - |
| S5-237220 | BO\_MoM-5 Rel-19\_Breakout-1\_minutes | Nokia | noted | - | - |
| S5-237221 | Discussion paper on slice agnostic service profile solutions | L.M. Ericsson Limited, Deutsche Telekom AG | noted | S5-236691 | - |
| S5-237222 | LS on issues with Packet Uu Loss Rate with delay threshold in the DL per DRB per UE | Samsung Electronics Czech | withdrawn | - | - |
| S5-237223 | Add the introduction for the procedure of NF instance modification | ZTE Corporation | agreed | S5-237107 | - |
| S5-237224 | New Rel-19 SID Study on AI and ML management phase 2 | Intel, NEC | noted | S5-237204 | - |
| S5-237225 | New SID on effectiveness of zero-touch orchestration and management | China Mobile, China Telecomunication | noted | S5-236764 | - |
| S5-237226 | New Rel-19 Study on intent driven management services for mobile networks phase 3 | Huawei | noted | S5-237207 | - |
| S5-237227 | New SID on Management aspect of Network Digital Twin | China Mobile Group Device Co. | noted | S5-237208 | - |
| S5-237228 | New SID on SBMA enhancement phase 3 | Huawei | noted | S5-237209 | - |
| S5-237229 | New Study on Enhancement of Management Aspects Related to NWDAF Phase 2 | China Telecomunication Corp. | noted | S5-237213 | - |
| S5-237230 | Rel-19 New SID on Plan and transaction management | Nokia, Nokia Shanghai Bell | noted | S5-237215 | - |
| S5-237231 | New SID on Management Aspects of NTN Phase 2 | CATT,China Unicom | noted | S5-237210 | - |
| S5-237232 | New SID on Management of IAB Nodes | Ericsson Telecomunicazioni SpA | noted | S5-236809 | - |
| S5-237233 | New SID on Management of Network Sharing Phase 3 | China Unicom, China Telecom | noted | S5-237212 | - |
| S5-237234 | New SID on cloud aspects of management and orchestration | Microsoft Europe SARL | noted | S5-236861 | - |
| S5-237235 | New SID on energy efficiency and energy saving aspects of 5G networks and services | Huawei Tech.(UK) Co.. Ltd | noted | S5-237214 | - |
| S5-237236 | New SID on Management aspects of Integrated Sensing and Communication | ZTE Corporation,China Unicom | noted | S5-236793 | - |
| S5-237237 | New\_SID\_Enablers\_for\_Security\_Monitoring | Nokia UK | noted | S5-236648 | - |
| S5-237238 | draft TS 28.317 | China Mobile | approved | - | - |
| S5-237239 | pCR TR 28.910 Add conclusion and recommendation | China Mobile, Huawei | withdrawn | - | - |
| S5-237240 | pCR TR 28.863 Issue5 Description of SLS requirements | Huawei | approved | S5-237191 | - |
| S5-237241 | Reply to: LS on REl-18 work on architecture for enabling Edge Applications | Samsung | approved | S5-236933 | - |
| S5-237242 | Draft TR 28.865 | Huawei | approved | - | - |
| S5-237243 | pCR TR 28.910 Add solution for 5GC NF deployment | Huawei, China Mobile | approved | S5-237172 | - |
| S5-237244 | Draft CR AIML | Intel | approved | - | - |
| S5-237245 | Draft CR ECM | Samsung | approved | - | - |
| S5-237246 | Draft CR eSBMA | Ericsson | approved | - | - |
| S5-237247 | Draft CR MDA TS 28.104 | NEC | approved | - | - |
| S5-237248 | Draft CR eSBMA TS 32.101 | Nokia | withdrawn | - | - |
| S5-237249 | Draft CR eSBMA TS 28.622 | Nokia | approved | - | - |

### A2: Tdoc decision timing

|  |  |  |
| --- | --- | --- |
| Document | Date/time UTC | Decision |
| S5-236200 | 09/10/2023 07:11:00 | approved |
| S5-236201 | 09/10/2023 07:11:07 | noted |
| S5-236202 | 09/10/2023 07:13:48 | approved |
| S5-236204 | 11/10/2023 11:37:08 | noted |
| S5-236205 | 11/10/2023 11:37:12 | noted |
| S5-236206 | 11/10/2023 11:37:32 | noted |
| S5-236207 | 11/10/2023 11:37:58 | noted |
| S5-236208 | 11/10/2023 11:44:50 | noted |
| S5-236209 | 11/10/2023 07:21:36 | revised |
| S5-236210 | 11/10/2023 07:22:28 | revised |
| S5-236211 | 11/10/2023 11:44:40 | noted |
| S5-236212 | 13/10/2023 09:07:28 | noted |
| S5-236213 | 09/10/2023 07:14:46 | noted |
| S5-236213 | 09/10/2023 07:17:57 | available |
| S5-236214 | 09/10/2023 07:18:26 | noted |
| S5-236214 | 09/10/2023 07:18:36 | approved |
| S5-236215 | 11/10/2023 11:47:07 | noted |
| S5-236216 | 13/10/2023 07:04:26 | reserved |
| S5-236216 | 20/10/2023 12:21:06 | noted |
| S5-236217 | 09/10/2023 07:29:20 | noted |
| S5-236218 | 09/10/2023 08:02:49 | noted |
| S5-236219 | 11/10/2023 11:47:13 | noted |
| S5-236220 | 09/10/2023 07:57:24 | noted |
| S5-236220 | 09/10/2023 12:45:08 | replied to |
| S5-236220 | 10/10/2023 12:15:58 | postponed |
| S5-236221 | 09/10/2023 09:12:17 | available |
| S5-236222 | 13/10/2023 07:05:35 | postponed |
| S5-236223 | 09/10/2023 08:28:10 | replied to |
| S5-236223 | 13/10/2023 12:21:20 | postponed |
| S5-236224 | 13/10/2023 07:05:10 | postponed |
| S5-236225 | 13/10/2023 07:05:54 | noted |
| S5-236226 | 13/10/2023 07:06:09 | postponed |
| S5-236227 | 09/10/2023 09:09:31 | noted |
| S5-236228 | 09/10/2023 08:29:41 | postponed |
| S5-236229 | 09/10/2023 09:09:35 | noted |
| S5-236230 | 11/10/2023 07:22:58 | replied to |
| S5-236231 | 13/10/2023 09:45:49 | postponed |
| S5-236232 | 09/10/2023 09:09:41 | noted |
| S5-236233 | 13/10/2023 07:08:13 | available |
| S5-236234 | 09/10/2023 09:05:05 | noted |
| S5-236235 | 09/10/2023 09:06:06 | replied to |
| S5-236235 | 11/10/2023 17:15:42 | noted |
| S5-236236 | 09/10/2023 09:17:06 | noted |
| S5-236236 | 09/10/2023 09:34:54 | replied to |
| S5-236237 | 10/10/2023 15:03:39 | revised |
| S5-236238 | 10/10/2023 14:48:14 | revised |
| S5-236239 | 10/10/2023 15:09:25 | revised |
| S5-236240 | 10/10/2023 15:11:59 | revised |
| S5-236241 | 10/10/2023 15:25:33 | revised |
| S5-236242 | 10/10/2023 10:28:25 | agreed |
| S5-236243 | 10/10/2023 10:29:03 | agreed |
| S5-236244 | 10/10/2023 10:29:33 | agreed |
| S5-236245 | 13/10/2023 10:26:40 | agreed |
| S5-236246 | 10/10/2023 10:34:09 | agreed |
| S5-236247 | 11/10/2023 11:48:00 | agreed |
| S5-236248 | 11/10/2023 11:48:05 | agreed |
| S5-236249 | 11/10/2023 17:44:51 | agreed |
| S5-236249 | 12/10/2023 07:02:33 | available |
| S5-236249 | 12/10/2023 07:02:35 | agreed |
| S5-236250 | 11/10/2023 17:44:51 | agreed |
| S5-236251 | 10/10/2023 10:34:55 | agreed |
| S5-236252 | 10/10/2023 13:07:36 | agreed |
| S5-236253 | 10/10/2023 07:45:15 | revised |
| S5-236254 | 09/10/2023 07:17:49 | revised |
| S5-236256 | 10/10/2023 15:28:57 | revised |
| S5-236257 | 10/10/2023 07:45:21 | available |
| S5-236258 | 10/10/2023 12:08:24 | revised |
| S5-236259 | 10/10/2023 16:50:33 | revised |
| S5-236259 | 12/10/2023 07:03:52 | agreed |
| S5-236260 | 12/10/2023 07:05:00 | revised |
| S5-236261 | 10/10/2023 07:53:32 | revised |
| S5-236262 | 12/10/2023 07:06:14 | revised |
| S5-236263 | 12/10/2023 07:06:17 | revised |
| S5-236264 | 10/10/2023 12:13:28 | revised |
| S5-236265 | 10/10/2023 12:14:30 | revised |
| S5-236266 | 12/10/2023 15:55:03 | noted |
| S5-236267 | 10/10/2023 12:18:31 | revised |
| S5-236268 | 11/10/2023 17:31:21 | agreed |
| S5-236269 | 11/10/2023 17:31:40 | agreed |
| S5-236270 | 09/10/2023 14:23:51 | agreed |
| S5-236271 | 09/10/2023 14:24:28 | agreed |
| S5-236274 | 11/10/2023 07:24:08 | noted |
| S5-236275 | 11/10/2023 07:24:26 | noted |
| S5-236276 | 11/10/2023 11:38:57 | revised |
| S5-236277 | 13/10/2023 08:25:14 | approved |
| S5-236278 | 13/10/2023 08:25:20 | approved |
| S5-236279 | 11/10/2023 07:54:49 | revised |
| S5-236280 | 13/10/2023 10:30:00 | available |
| S5-236281 | 10/10/2023 16:02:53 | available |
| S5-236282 | 11/10/2023 07:24:47 | approved |
| S5-236284 | 11/10/2023 07:24:59 | approved |
| S5-236285 | 11/10/2023 07:25:28 | revised |
| S5-236286 | 11/10/2023 07:27:51 | revised |
| S5-236287 | 11/10/2023 07:28:52 | revised |
| S5-236288 | 11/10/2023 07:29:01 | approved |
| S5-236289 | 11/10/2023 07:31:11 | approved |
| S5-236291 | 11/10/2023 07:31:24 | approved |
| S5-236292 | 11/10/2023 07:31:24 | approved |
| S5-236293 | 11/10/2023 07:31:25 | approved |
| S5-236294 | 11/10/2023 07:31:48 | revised |
| S5-236295 | 11/10/2023 07:31:55 | approved |
| S5-236296 | 11/10/2023 07:32:15 | revised |
| S5-236297 | 11/10/2023 07:32:22 | approved |
| S5-236298 | 11/10/2023 07:29:02 | approved |
| S5-236299 | 11/10/2023 07:29:21 | revised |
| S5-236299 | 13/10/2023 06:50:51 | approved |
| S5-236300 | 11/10/2023 07:29:28 | approved |
| S5-236301 | 11/10/2023 07:26:05 | revised |
| S5-236302 | 11/10/2023 17:32:07 | agreed |
| S5-236305 | 11/10/2023 17:46:23 | revised |
| S5-236307 | 09/10/2023 16:04:56 | agreed |
| S5-236308 | 09/10/2023 16:07:00 | revised |
| S5-236309 | 10/10/2023 16:15:36 | revised |
| S5-236310 | 09/10/2023 16:21:44 | revised |
| S5-236311 | 12/10/2023 15:48:45 | agreed |
| S5-236312 | 10/10/2023 12:33:56 | revised |
| S5-236313 | 10/10/2023 12:34:01 | revised |
| S5-236314 | 09/10/2023 14:25:14 | agreed |
| S5-236315 | 11/10/2023 17:10:38 | revised |
| S5-236316 | 11/10/2023 09:59:36 | agreed |
| S5-236317 | 11/10/2023 10:00:22 | agreed |
| S5-236318 | 11/10/2023 10:03:07 | revised |
| S5-236319 | 12/10/2023 12:43:35 | revised |
| S5-236320 | 13/10/2023 10:25:50 | available |
| S5-236325 | 11/10/2023 07:36:53 | revised |
| S5-236326 | 11/10/2023 07:37:37 | revised |
| S5-236327 | 11/10/2023 07:38:18 | revised |
| S5-236328 | 11/10/2023 17:48:49 | revised |
| S5-236329 | 11/10/2023 17:49:34 | revised |
| S5-236330 | 11/10/2023 17:50:27 | revised |
| S5-236331 | 11/10/2023 17:50:54 | revised |
| S5-236332 | 11/10/2023 07:39:40 | revised |
| S5-236333 | 11/10/2023 07:39:30 | revised |
| S5-236334 | 13/10/2023 10:26:51 | available |
| S5-236335 | 10/10/2023 10:37:48 | agreed |
| S5-236336 | 11/10/2023 16:35:41 | revised |
| S5-236337 | 13/10/2023 12:29:31 | agreed |
| S5-236338 | 13/10/2023 10:27:58 | agreed |
| S5-236339 | 13/10/2023 10:28:03 | available |
| S5-236340 | 13/10/2023 10:28:15 | available |
| S5-236341 | 13/10/2023 08:16:47 | agreed |
| S5-236342 | 10/10/2023 14:51:24 | noted |
| S5-236342 | 10/10/2023 14:55:09 | revised |
| S5-236344 | 12/10/2023 07:09:17 | available |
| S5-236344 | 12/10/2023 07:09:27 | not pursued |
| S5-236344 | 12/10/2023 13:08:57 | revised |
| S5-236345 | 12/10/2023 13:09:00 | revised |
| S5-236346 | 12/10/2023 13:09:04 | revised |
| S5-236347 | 12/10/2023 08:30:10 | agreed |
| S5-236348 | 12/10/2023 08:30:11 | agreed |
| S5-236349 | 12/10/2023 08:30:12 | agreed |
| S5-236350 | 10/10/2023 07:19:18 | revised |
| S5-236351 | 09/10/2023 07:51:34 | noted |
| S5-236352 | 12/10/2023 07:11:59 | revised |
| S5-236353 | 11/10/2023 07:56:06 | revised |
| S5-236354 | 12/10/2023 07:18:01 | revised |
| S5-236355 | 09/10/2023 14:52:06 | revised |
| S5-236356 | 12/10/2023 07:56:32 | revised |
| S5-236357 | 12/10/2023 07:56:36 | revised |
| S5-236358 | 12/10/2023 07:56:38 | revised |
| S5-236359 | 12/10/2023 07:56:41 | revised |
| S5-236360 | 12/10/2023 08:26:16 | available |
| S5-236361 | 12/10/2023 08:26:44 | revised |
| S5-236362 | 11/10/2023 07:42:46 | agreed |
| S5-236363 | 11/10/2023 07:44:20 | agreed |
| S5-236364 | 11/10/2023 07:44:21 | agreed |
| S5-236365 | 11/10/2023 07:51:51 | revised |
| S5-236366 | 13/10/2023 08:27:54 | available |
| S5-236367 | 09/10/2023 13:13:22 | revised |
| S5-236368 | 13/10/2023 08:28:52 | available |
| S5-236369 | 11/10/2023 11:49:47 | agreed |
| S5-236370 | 11/10/2023 11:49:48 | agreed |
| S5-236371 | 10/10/2023 16:30:15 | revised |
| S5-236372 | 10/10/2023 08:30:28 | revised |
| S5-236373 | 12/10/2023 07:40:33 | revised |
| S5-236374 | 12/10/2023 07:40:42 | revised |
| S5-236375 | 13/10/2023 12:08:55 | available |
| S5-236376 | 13/10/2023 12:09:00 | available |
| S5-236377 | 13/10/2023 12:09:24 | available |
| S5-236378 | 13/10/2023 12:09:03 | available |
| S5-236379 | 10/10/2023 15:18:26 | revised |
| S5-236380 | 10/10/2023 15:23:14 | noted |
| S5-236381 | 10/10/2023 15:39:15 | noted |
| S5-236382 | 11/10/2023 10:11:53 | agreed |
| S5-236383 | 11/10/2023 07:34:42 | revised |
| S5-236384 | 12/10/2023 15:16:15 | available |
| S5-236385 | 12/10/2023 15:16:05 | noted |
| S5-236386 | 13/10/2023 07:32:49 | approved |
| S5-236387 | 13/10/2023 07:33:04 | revised |
| S5-236388 | 13/10/2023 07:33:13 | approved |
| S5-236389 | 13/10/2023 07:28:35 | revised |
| S5-236390 | 13/10/2023 07:29:54 | available |
| S5-236391 | 13/10/2023 07:30:05 | available |
| S5-236392 | 13/10/2023 07:33:29 | revised |
| S5-236393 | 11/10/2023 17:18:04 | revised |
| S5-236394 | 11/10/2023 17:18:12 | revised |
| S5-236395 | 12/10/2023 09:30:00 | revised |
| S5-236396 | 11/10/2023 17:36:29 | agreed |
| S5-236397 | 11/10/2023 17:36:32 | agreed |
| S5-236398 | 09/10/2023 14:49:42 | agreed |
| S5-236399 | 09/10/2023 14:51:29 | revised |
| S5-236400 | 11/10/2023 08:13:15 | revised |
| S5-236401 | 11/10/2023 17:55:23 | revised |
| S5-236402 | 11/10/2023 17:55:38 | revised |
| S5-236403 | 11/10/2023 08:22:34 | revised |
| S5-236404 | 11/10/2023 08:08:11 | revised |
| S5-236405 | 12/10/2023 10:29:28 | revised |
| S5-236406 | 11/10/2023 08:16:53 | revised |
| S5-236407 | 10/10/2023 16:46:25 | available |
| S5-236408 | 11/10/2023 08:25:39 | revised |
| S5-236409 | 09/10/2023 09:46:06 | revised |
| S5-236410 | 12/10/2023 08:03:39 | revised |
| S5-236410 | 13/10/2023 12:28:13 | noted |
| S5-236411 | 10/10/2023 16:36:47 | revised |
| S5-236411 | 13/10/2023 12:27:53 | noted |
| S5-236412 | 10/10/2023 16:36:59 | revised |
| S5-236412 | 13/10/2023 12:27:58 | noted |
| S5-236413 | 11/10/2023 07:35:05 | revised |
| S5-236414 | 11/10/2023 07:33:59 | revised |
| S5-236415 | 11/10/2023 07:34:11 | revised |
| S5-236416 | 13/10/2023 08:16:56 | agreed |
| S5-236417 | 13/10/2023 08:16:58 | agreed |
| S5-236418 | 10/10/2023 14:08:42 | revised |
| S5-236419 | 09/10/2023 14:19:36 | revised |
| S5-236420 | 09/10/2023 14:08:26 | revised |
| S5-236421 | 10/10/2023 14:19:42 | available |
| S5-236422 | 13/10/2023 12:07:26 | available |
| S5-236423 | 11/10/2023 17:38:16 | revised |
| S5-236425 | 12/10/2023 09:50:27 | revised |
| S5-236426 | 12/10/2023 09:51:31 | revised |
| S5-236427 | 12/10/2023 09:51:40 | revised |
| S5-236428 | 12/10/2023 09:51:59 | revised |
| S5-236429 | 12/10/2023 09:52:08 | revised |
| S5-236430 | 12/10/2023 12:36:27 | revised |
| S5-236431 | 12/10/2023 12:38:01 | revised |
| S5-236432 | 12/10/2023 12:34:18 | revised |
| S5-236433 | 12/10/2023 12:41:03 | revised |
| S5-236434 | 12/10/2023 12:41:46 | revised |
| S5-236435 | 12/10/2023 12:43:11 | noted |
| S5-236436 | 12/10/2023 15:05:28 | approved |
| S5-236437 | 12/10/2023 15:05:37 | revised |
| S5-236438 | 12/10/2023 15:05:42 | approved |
| S5-236439 | 12/10/2023 15:05:54 | revised |
| S5-236440 | 12/10/2023 15:06:09 | revised |
| S5-236441 | 12/10/2023 15:06:20 | revised |
| S5-236442 | 12/10/2023 15:06:31 | revised |
| S5-236443 | 12/10/2023 15:06:50 | revised |
| S5-236444 | 12/10/2023 15:07:02 | revised |
| S5-236445 | 12/10/2023 15:07:40 | revised |
| S5-236446 | 12/10/2023 15:11:01 | revised |
| S5-236447 | 10/10/2023 09:47:24 | revised |
| S5-236448 | 10/10/2023 09:47:32 | revised |
| S5-236449 | 10/10/2023 15:05:33 | revised |
| S5-236450 | 11/10/2023 15:22:09 | revised |
| S5-236451 | 12/10/2023 15:08:53 | revised |
| S5-236452 | 13/10/2023 08:05:42 | noted |
| S5-236462 | 09/10/2023 16:36:07 | revised |
| S5-236463 | 09/10/2023 16:04:03 | revised |
| S5-236464 | 12/10/2023 07:50:06 | revised |
| S5-236466 | 12/10/2023 07:50:11 | revised |
| S5-236467 | 12/10/2023 07:50:22 | revised |
| S5-236468 | 13/10/2023 10:13:59 | agreed |
| S5-236469 | 12/10/2023 12:08:13 | revised |
| S5-236470 | 12/10/2023 07:50:25 | revised |
| S5-236473 | 11/10/2023 17:42:12 | agreed |
| S5-236474 | 11/10/2023 17:42:12 | agreed |
| S5-236475 | 11/10/2023 17:43:13 | agreed |
| S5-236475 | 11/10/2023 17:43:29 | revised |
| S5-236476 | 12/10/2023 16:26:48 | available |
| S5-236477 | 13/10/2023 08:30:04 | available |
| S5-236478 | 12/10/2023 16:13:44 | noted |
| S5-236479 | 11/10/2023 17:19:31 | agreed |
| S5-236480 | 11/10/2023 17:19:32 | agreed |
| S5-236481 | 12/10/2023 12:29:59 | revised |
| S5-236482 | 12/10/2023 08:32:29 | available |
| S5-236482 | 12/10/2023 12:46:10 | agreed |
| S5-236483 | 12/10/2023 08:32:35 | available |
| S5-236483 | 12/10/2023 12:46:11 | agreed |
| S5-236484 | 12/10/2023 08:32:37 | available |
| S5-236484 | 12/10/2023 12:46:13 | agreed |
| S5-236485 | 11/10/2023 12:32:20 | revised |
| S5-236486 | 10/10/2023 16:46:39 | revised |
| S5-236487 | 12/10/2023 09:41:23 | approved |
| S5-236489 | 12/10/2023 14:48:24 | noted |
| S5-236490 | 12/10/2023 14:48:32 | noted |
| S5-236491 | 12/10/2023 14:48:33 | noted |
| S5-236492 | 12/10/2023 14:48:54 | revised |
| S5-236493 | 12/10/2023 14:49:10 | revised |
| S5-236494 | 12/10/2023 14:49:19 | approved |
| S5-236495 | 12/10/2023 14:49:38 | revised |
| S5-236496 | 12/10/2023 14:49:51 | revised |
| S5-236497 | 12/10/2023 14:50:12 | revised |
| S5-236498 | 12/10/2023 14:50:21 | revised |
| S5-236499 | 12/10/2023 14:47:30 | revised |
| S5-236500 | 09/10/2023 15:01:47 | agreed |
| S5-236500 | 09/10/2023 15:02:16 | revised |
| S5-236501 | 11/10/2023 17:20:41 | approved |
| S5-236508 | 13/10/2023 07:33:54 | revised |
| S5-236509 | 12/10/2023 09:49:19 | approved |
| S5-236511 | 11/10/2023 09:45:21 | revised |
| S5-236512 | 09/10/2023 09:15:46 | revised |
| S5-236513 | 11/10/2023 08:25:14 | revised |
| S5-236514 | 11/10/2023 07:42:31 | revised |
| S5-236515 | 11/10/2023 17:11:53 | revised |
| S5-236516 | 11/10/2023 17:12:31 | revised |
| S5-236518 | 11/10/2023 17:14:06 | revised |
| S5-236519 | 11/10/2023 17:13:58 | revised |
| S5-236520 | 12/10/2023 15:10:04 | revised |
| S5-236521 | 13/10/2023 08:07:12 | noted |
| S5-236522 | 11/10/2023 17:24:02 | noted |
| S5-236523 | 11/10/2023 09:58:47 | revised |
| S5-236524 | 11/10/2023 10:03:36 | revised |
| S5-236525 | 12/10/2023 08:32:38 | available |
| S5-236525 | 12/10/2023 12:54:21 | not treated |
| S5-236526 | 12/10/2023 08:32:40 | available |
| S5-236526 | 12/10/2023 12:54:24 | not treated |
| S5-236527 | 12/10/2023 08:32:41 | available |
| S5-236527 | 12/10/2023 12:57:27 | not treated |
| S5-236527 | 13/10/2023 08:22:18 | agreed |
| S5-236528 | 12/10/2023 08:32:43 | available |
| S5-236528 | 12/10/2023 12:57:51 | not treated |
| S5-236528 | 13/10/2023 08:22:27 | agreed |
| S5-236529 | 12/10/2023 08:32:45 | available |
| S5-236529 | 12/10/2023 12:57:29 | not treated |
| S5-236529 | 13/10/2023 08:22:19 | agreed |
| S5-236530 | 12/10/2023 08:32:46 | available |
| S5-236530 | 12/10/2023 12:57:58 | not treated |
| S5-236530 | 13/10/2023 08:22:28 | agreed |
| S5-236531 | 12/10/2023 08:32:49 | available |
| S5-236531 | 12/10/2023 12:59:05 | not treated |
| S5-236531 | 12/10/2023 13:13:14 | available |
| S5-236532 | 12/10/2023 08:32:51 | available |
| S5-236532 | 12/10/2023 12:59:07 | not treated |
| S5-236532 | 12/10/2023 13:13:17 | available |
| S5-236533 | 12/10/2023 08:32:53 | available |
| S5-236533 | 12/10/2023 12:59:10 | not treated |
| S5-236533 | 12/10/2023 13:13:21 | available |
| S5-236534 | 12/10/2023 08:32:54 | available |
| S5-236534 | 12/10/2023 12:59:18 | not treated |
| S5-236534 | 12/10/2023 13:13:27 | available |
| S5-236535 | 12/10/2023 08:32:56 | available |
| S5-236535 | 12/10/2023 12:59:20 | not treated |
| S5-236535 | 12/10/2023 13:13:30 | available |
| S5-236536 | 12/10/2023 08:32:58 | available |
| S5-236536 | 12/10/2023 12:59:23 | not treated |
| S5-236536 | 12/10/2023 13:13:32 | available |
| S5-236537 | 13/10/2023 10:19:11 | noted |
| S5-236538 | 13/10/2023 10:20:15 | agreed |
| S5-236539 | 13/10/2023 12:59:56 | noted |
| S5-236540 | 13/10/2023 12:59:58 | noted |
| S5-236541 | 13/10/2023 13:00:00 | noted |
| S5-236542 | 12/10/2023 17:03:53 | revised |
| S5-236543 | 12/10/2023 16:13:45 | noted |
| S5-236544 | 13/10/2023 09:50:37 | available |
| S5-236545 | 09/10/2023 12:49:17 | revised |
| S5-236546 | 12/10/2023 15:07:59 | revised |
| S5-236547 | 13/10/2023 07:08:01 | reserved |
| S5-236547 | 23/10/2023 08:47:43 | approved |
| S5-236548 | 09/10/2023 12:48:50 | revised |
| S5-236549 | 12/10/2023 07:57:31 | noted |
| S5-236550 | 12/10/2023 08:33:01 | available |
| S5-236550 | 12/10/2023 13:12:49 | not treated |
| S5-236551 | 12/10/2023 08:33:02 | available |
| S5-236551 | 12/10/2023 13:12:54 | not treated |
| S5-236552 | 11/10/2023 07:44:45 | available |
| S5-236553 | 11/10/2023 07:45:13 | revised |
| S5-236554 | 13/10/2023 07:34:07 | revised |
| S5-236555 | 12/10/2023 08:33:04 | available |
| S5-236555 | 12/10/2023 13:14:04 | not treated |
| S5-236555 | 13/10/2023 08:22:53 | available |
| S5-236556 | 05/10/2023 14:08:57 | revised |
| S5-236556 | 12/10/2023 08:33:06 | available |
| S5-236556 | 12/10/2023 13:14:06 | not treated |
| S5-236556 | 13/10/2023 08:23:01 | available |
| S5-236557 | 12/10/2023 08:33:08 | available |
| S5-236557 | 12/10/2023 13:17:55 | not treated |
| S5-236557 | 13/10/2023 08:23:09 | available |
| S5-236558 | 12/10/2023 09:01:45 | available |
| S5-236558 | 12/10/2023 13:18:27 | not treated |
| S5-236558 | 13/10/2023 08:23:13 | available |
| S5-236559 | 12/10/2023 09:01:49 | available |
| S5-236559 | 12/10/2023 13:18:33 | not treated |
| S5-236559 | 13/10/2023 08:23:17 | available |
| S5-236561 | 12/10/2023 09:01:54 | available |
| S5-236562 | 12/10/2023 10:07:38 | revised |
| S5-236563 | 12/10/2023 09:54:47 | approved |
| S5-236563 | 12/10/2023 10:00:06 | revised |
| S5-236563 | 12/10/2023 16:49:48 | noted |
| S5-236564 | 10/10/2023 12:07:16 | revised |
| S5-236565 | 10/10/2023 12:07:26 | revised |
| S5-236566 | 13/10/2023 10:24:02 | noted |
| S5-236567 | 12/10/2023 15:09:54 | revised |
| S5-236568 | 12/10/2023 15:11:16 | revised |
| S5-236569 | 12/10/2023 09:01:56 | available |
| S5-236569 | 12/10/2023 13:19:08 | not treated |
| S5-236569 | 12/10/2023 13:20:06 | agreed |
| S5-236570 | 09/10/2023 07:51:17 | noted |
| S5-236570 | 10/10/2023 13:37:20 | revised |
| S5-236571 | 12/10/2023 13:24:07 | available |
| S5-236572 | 13/10/2023 10:24:03 | noted |
| S5-236573 | 12/10/2023 13:25:21 | agreed |
| S5-236573 | 12/10/2023 13:26:51 | revised |
| S5-236574 | 10/10/2023 10:17:33 | revised |
| S5-236575 | 10/10/2023 12:55:22 | approved |
| S5-236576 | 09/10/2023 15:18:49 | revised |
| S5-236577 | 10/10/2023 12:56:53 | noted |
| S5-236577 | 13/10/2023 10:14:44 | approved |
| S5-236578 | 10/10/2023 13:00:26 | revised |
| S5-236579 | 09/10/2023 15:30:38 | revised |
| S5-236580 | 10/10/2023 13:17:04 | revised |
| S5-236581 | 09/10/2023 15:49:26 | revised |
| S5-236582 | 10/10/2023 13:18:44 | revised |
| S5-236583 | 10/10/2023 13:21:02 | revised |
| S5-236584 | 12/10/2023 10:28:45 | revised |
| S5-236585 | 13/10/2023 12:15:12 | noted |
| S5-236586 | 12/10/2023 10:28:50 | revised |
| S5-236587 | 12/10/2023 10:26:54 | noted |
| S5-236588 | 11/10/2023 08:29:32 | revised |
| S5-236589 | 11/10/2023 09:05:39 | revised |
| S5-236590 | 13/10/2023 10:28:35 | available |
| S5-236591 | 13/10/2023 10:28:44 | available |
| S5-236592 | 12/10/2023 15:08:22 | revised |
| S5-236592 | 13/10/2023 12:25:46 | noted |
| S5-236593 | 11/10/2023 09:36:43 | revised |
| S5-236594 | 11/10/2023 08:05:39 | revised |
| S5-236595 | 11/10/2023 09:38:33 | revised |
| S5-236596 | 11/10/2023 07:24:09 | noted |
| S5-236597 | 12/10/2023 15:16:23 | noted |
| S5-236598 | 12/10/2023 15:12:16 | available |
| S5-236599 | 12/10/2023 15:16:36 | available |
| S5-236600 | 12/10/2023 15:16:41 | available |
| S5-236601 | 12/10/2023 15:12:25 | available |
| S5-236602 | 12/10/2023 15:11:44 | available |
| S5-236603 | 12/10/2023 15:11:55 | revised |
| S5-236604 | 12/10/2023 15:12:07 | revised |
| S5-236605 | 12/10/2023 15:16:55 | agreed |
| S5-236606 | 12/10/2023 15:16:57 | agreed |
| S5-236607 | 12/10/2023 15:17:09 | revised |
| S5-236608 | 12/10/2023 15:17:22 | revised |
| S5-236609 | 12/10/2023 15:17:33 | revised |
| S5-236610 | 12/10/2023 15:17:38 | available |
| S5-236611 | 11/10/2023 07:27:23 | revised |
| S5-236612 | 11/10/2023 07:26:45 | available |
| S5-236613 | 11/10/2023 07:34:24 | revised |
| S5-236614 | 11/10/2023 07:35:19 | revised |
| S5-236615 | 11/10/2023 07:35:35 | revised |
| S5-236616 | 11/10/2023 07:45:27 | revised |
| S5-236617 | 11/10/2023 07:48:12 | revised |
| S5-236618 | 11/10/2023 07:48:57 | revised |
| S5-236619 | 11/10/2023 07:49:29 | revised |
| S5-236620 | 11/10/2023 07:50:07 | revised |
| S5-236621 | 11/10/2023 07:50:51 | revised |
| S5-236622 | 11/10/2023 07:57:49 | approved |
| S5-236622 | 13/10/2023 07:20:39 | revised |
| S5-236623 | 11/10/2023 07:57:53 | approved |
| S5-236623 | 13/10/2023 07:20:57 | revised |
| S5-236624 | 11/10/2023 07:58:20 | revised |
| S5-236625 | 11/10/2023 07:58:46 | revised |
| S5-236626 | 11/10/2023 07:58:59 | revised |
| S5-236627 | 11/10/2023 07:59:16 | revised |
| S5-236628 | 11/10/2023 07:59:30 | revised |
| S5-236629 | 11/10/2023 07:59:53 | revised |
| S5-236630 | 11/10/2023 08:02:23 | revised |
| S5-236631 | 11/10/2023 08:02:37 | revised |
| S5-236632 | 11/10/2023 08:02:53 | revised |
| S5-236633 | 11/10/2023 08:06:22 | available |
| S5-236634 | 11/10/2023 08:07:40 | revised |
| S5-236635 | 12/10/2023 14:47:43 | available |
| S5-236636 | 12/10/2023 14:47:59 | revised |
| S5-236637 | 13/10/2023 07:30:46 | available |
| S5-236638 | 13/10/2023 07:30:59 | revised |
| S5-236639 | 13/10/2023 07:34:40 | revised |
| S5-236640 | 13/10/2023 07:34:57 | revised |
| S5-236641 | 13/10/2023 07:35:19 | revised |
| S5-236642 | 09/10/2023 17:13:31 | revised |
| S5-236643 | 11/10/2023 09:20:50 | revised |
| S5-236644 | 13/10/2023 10:29:22 | available |
| S5-236645 | 13/10/2023 10:29:30 | available |
| S5-236646 | 12/10/2023 08:33:20 | revised |
| S5-236647 | 09/10/2023 16:57:42 | revised |
| S5-236648 | 13/10/2023 08:02:40 | revised |
| S5-236649 | 13/10/2023 09:51:34 | available |
| S5-236650 | 12/10/2023 08:11:46 | revised |
| S5-236650 | 12/10/2023 16:13:33 | noted |
| S5-236651 | 13/10/2023 09:51:46 | available |
| S5-236652 | 13/10/2023 09:51:49 | available |
| S5-236653 | 13/10/2023 09:51:52 | available |
| S5-236654 | 13/10/2023 09:51:57 | available |
| S5-236654 | 13/10/2023 09:52:45 | noted |
| S5-236655 | 13/10/2023 09:52:00 | available |
| S5-236656 | 13/10/2023 09:52:03 | available |
| S5-236656 | 13/10/2023 09:53:43 | noted |
| S5-236657 | 13/10/2023 09:53:58 | available |
| S5-236658 | 09/10/2023 16:59:41 | available |
| S5-236658 | 09/10/2023 17:00:12 | revised |
| S5-236659 | 10/10/2023 14:19:09 | revised |
| S5-236660 | 10/10/2023 12:29:32 | revised |
| S5-236661 | 10/10/2023 12:43:10 | revised |
| S5-236662 | 09/10/2023 16:49:46 | agreed |
| S5-236662 | 09/10/2023 16:50:49 | revised |
| S5-236663 | 10/10/2023 16:28:29 | revised |
| S5-236664 | 11/10/2023 17:23:54 | noted |
| S5-236664 | 11/10/2023 17:25:17 | agreed |
| S5-236665 | 11/10/2023 17:25:32 | agreed |
| S5-236666 | 12/10/2023 09:05:40 | revised |
| S5-236667 | 12/10/2023 09:08:38 | noted |
| S5-236668 | 12/10/2023 09:08:37 | noted |
| S5-236669 | 12/10/2023 09:08:39 | noted |
| S5-236670 | 12/10/2023 09:16:00 | revised |
| S5-236671 | 12/10/2023 09:17:00 | approved |
| S5-236672 | 11/10/2023 11:50:17 | agreed |
| S5-236673 | 11/10/2023 11:50:18 | agreed |
| S5-236674 | 12/10/2023 08:20:01 | available |
| S5-236675 | 12/10/2023 08:20:05 | available |
| S5-236676 | 12/10/2023 08:21:05 | available |
| S5-236677 | 12/10/2023 08:24:10 | revised |
| S5-236679 | 12/10/2023 12:22:45 | revised |
| S5-236680 | 09/10/2023 13:04:16 | available |
| S5-236681 | 13/10/2023 09:54:11 | available |
| S5-236682 | 09/10/2023 13:03:36 | revised |
| S5-236683 | 13/10/2023 09:56:41 | available |
| S5-236684 | 13/10/2023 09:56:50 | available |
| S5-236685 | 09/10/2023 10:14:55 | revised |
| S5-236686 | 12/10/2023 08:33:35 | revised |
| S5-236687 | 12/10/2023 13:30:29 | revised |
| S5-236688 | 11/10/2023 17:54:08 | available |
| S5-236689 | 11/10/2023 17:54:11 | available |
| S5-236690 | 11/10/2023 17:54:28 | available |
| S5-236691 | 11/10/2023 07:39:14 | noted |
| S5-236691 | 13/10/2023 06:59:17 | revised |
| S5-236692 | 13/10/2023 10:16:33 | noted |
| S5-236693 | 13/10/2023 10:16:46 | available |
| S5-236694 | 12/10/2023 09:43:30 | noted |
| S5-236695 | 12/10/2023 09:47:44 | revised |
| S5-236696 | 12/10/2023 15:18:08 | revised |
| S5-236697 | 12/10/2023 15:18:14 | available |
| S5-236698 | 12/10/2023 15:12:47 | available |
| S5-236699 | 12/10/2023 15:12:52 | available |
| S5-236700 | 12/10/2023 15:12:34 | available |
| S5-236701 | 12/10/2023 15:12:41 | available |
| S5-236702 | 12/10/2023 15:13:04 | available |
| S5-236703 | 12/10/2023 15:13:08 | available |
| S5-236704 | 12/10/2023 15:13:45 | available |
| S5-236705 | 12/10/2023 15:13:52 | available |
| S5-236706 | 12/10/2023 15:13:15 | available |
| S5-236707 | 12/10/2023 15:13:19 | available |
| S5-236708 | 12/10/2023 15:13:59 | available |
| S5-236709 | 12/10/2023 15:14:06 | available |
| S5-236710 | 12/10/2023 15:13:27 | available |
| S5-236711 | 12/10/2023 15:13:39 | available |
| S5-236712 | 12/10/2023 15:14:13 | available |
| S5-236713 | 12/10/2023 15:14:17 | available |
| S5-236714 | 12/10/2023 15:14:36 | revised |
| S5-236715 | 12/10/2023 15:14:47 | revised |
| S5-236716 | 12/10/2023 15:14:58 | revised |
| S5-236717 | 12/10/2023 15:15:09 | revised |
| S5-236718 | 12/10/2023 15:15:20 | revised |
| S5-236719 | 12/10/2023 15:15:31 | revised |
| S5-236720 | 12/10/2023 15:15:42 | revised |
| S5-236721 | 12/10/2023 15:15:51 | revised |
| S5-236722 | 11/10/2023 07:26:51 | available |
| S5-236723 | 11/10/2023 07:28:23 | revised |
| S5-236724 | 11/10/2023 08:03:46 | revised |
| S5-236725 | 11/10/2023 08:03:59 | revised |
| S5-236726 | 11/10/2023 08:06:58 | revised |
| S5-236727 | 11/10/2023 08:07:17 | revised |
| S5-236728 | 11/10/2023 08:08:01 | agreed |
| S5-236729 | 13/10/2023 07:30:26 | revised |
| S5-236730 | 13/10/2023 07:31:31 | available |
| S5-236731 | 13/10/2023 07:31:43 | revised |
| S5-236732 | 13/10/2023 07:31:58 | revised |
| S5-236733 | 13/10/2023 07:32:27 | available |
| S5-236734 | 13/10/2023 07:32:30 | available |
| S5-236735 | 13/10/2023 07:29:22 | revised |
| S5-236736 | 13/10/2023 07:35:33 | revised |
| S5-236737 | 13/10/2023 07:35:45 | revised |
| S5-236738 | 13/10/2023 07:35:57 | revised |
| S5-236739 | 11/10/2023 09:48:18 | revised |
| S5-236740 | 11/10/2023 09:53:55 | available |
| S5-236742 | 11/10/2023 09:55:31 | revised |
| S5-236743 | 12/10/2023 07:51:48 | agreed |
| S5-236744 | 12/10/2023 07:51:49 | agreed |
| S5-236745 | 12/10/2023 07:51:50 | agreed |
| S5-236746 | 12/10/2023 12:17:08 | revised |
| S5-236747 | 11/10/2023 17:27:49 | revised |
| S5-236747 | 13/10/2023 08:13:27 | agreed |
| S5-236748 | 11/10/2023 17:27:52 | revised |
| S5-236748 | 13/10/2023 08:13:28 | agreed |
| S5-236749 | 12/10/2023 08:09:09 | revised |
| S5-236750 | 12/10/2023 08:09:12 | revised |
| S5-236751 | 11/10/2023 13:56:34 | revised |
| S5-236752 | 11/10/2023 09:24:02 | revised |
| S5-236753 | 11/10/2023 09:32:49 | revised |
| S5-236753 | 13/10/2023 12:54:33 | not pursued |
| S5-236754 | 13/10/2023 12:04:25 | agreed |
| S5-236755 | 12/10/2023 15:09:17 | revised |
| S5-236756 | 13/10/2023 10:17:52 | agreed |
| S5-236757 | 10/10/2023 08:24:25 | revised |
| S5-236758 | 13/10/2023 08:06:10 | noted |
| S5-236759 | 13/10/2023 09:59:16 | available |
| S5-236760 | 11/10/2023 11:53:27 | approved |
| S5-236761 | 12/10/2023 09:26:42 | revised |
| S5-236762 | 13/10/2023 12:10:33 | approved |
| S5-236762 | 13/10/2023 12:13:02 | noted |
| S5-236762 | 13/10/2023 12:52:24 | approved |
| S5-236763 | 13/10/2023 07:23:38 | noted |
| S5-236764 | 13/10/2023 07:22:08 | noted |
| S5-236764 | 13/10/2023 07:50:58 | revised |
| S5-236765 | 10/10/2023 16:45:29 | noted |
| S5-236769 | 11/10/2023 07:41:28 | revised |
| S5-236770 | 13/10/2023 08:06:13 | noted |
| S5-236771 | 09/10/2023 09:04:13 | revised |
| S5-236772 | 11/10/2023 10:09:11 | revised |
| S5-236773 | 13/10/2023 08:06:15 | noted |
| S5-236774 | 12/10/2023 15:09:31 | revised |
| S5-236775 | 09/10/2023 14:29:28 | agreed |
| S5-236776 | 09/10/2023 16:25:13 | available |
| S5-236777 | 10/10/2023 12:42:52 | revised |
| S5-236778 | 09/10/2023 15:27:14 | revised |
| S5-236779 | 11/10/2023 12:32:37 | available |
| S5-236780 | 12/10/2023 08:14:22 | revised |
| S5-236781 | 09/10/2023 09:32:54 | revised |
| S5-236782 | 11/10/2023 11:42:00 | revised |
| S5-236783 | 11/10/2023 17:59:31 | revised |
| S5-236784 | 11/10/2023 17:59:38 | revised |
| S5-236785 | 11/10/2023 09:47:38 | revised |
| S5-236786 | 11/10/2023 09:47:41 | revised |
| S5-236787 | 09/10/2023 09:33:13 | noted |
| S5-236788 | 09/10/2023 15:09:33 | agreed |
| S5-236789 | 11/10/2023 17:38:51 | available |
| S5-236790 | 12/10/2023 15:08:11 | revised |
| S5-236791 | 09/10/2023 15:43:49 | available |
| S5-236792 | 10/10/2023 16:25:08 | revised |
| S5-236793 | 13/10/2023 08:00:21 | revised |
| S5-236794 | 13/10/2023 10:05:56 | withdrawn |
| S5-236795 | 11/10/2023 17:38:30 | available |
| S5-236796 | 10/10/2023 14:08:55 | available |
| S5-236797 | 13/10/2023 10:06:01 | withdrawn |
| S5-236798 | 11/10/2023 17:54:47 | withdrawn |
| S5-236799 | 11/10/2023 17:54:48 | withdrawn |
| S5-236800 | 10/10/2023 14:09:03 | available |
| S5-236801 | 11/10/2023 17:56:54 | agreed |
| S5-236802 | 12/10/2023 09:34:25 | noted |
| S5-236803 | 13/10/2023 10:06:21 | available |
| S5-236805 | 11/10/2023 17:56:53 | agreed |
| S5-236806 | 13/10/2023 10:06:42 | available |
| S5-236807 | 12/10/2023 15:08:32 | revised |
| S5-236808 | 11/10/2023 17:39:46 | agreed |
| S5-236809 | 13/10/2023 07:56:53 | noted |
| S5-236809 | 13/10/2023 07:57:19 | revised |
| S5-236810 | 09/10/2023 10:28:26 | revised |
| S5-236811 | 11/10/2023 17:39:46 | agreed |
| S5-236811 | 11/10/2023 17:40:41 | revised |
| S5-236812 | 13/10/2023 08:03:37 | noted |
| S5-236813 | 13/10/2023 10:01:21 | available |
| S5-236814 | 12/10/2023 16:14:52 | available |
| S5-236815 | 09/10/2023 16:50:19 | available |
| S5-236815 | 09/10/2023 16:50:54 | not pursued |
| S5-236816 | 13/10/2023 08:03:38 | noted |
| S5-236817 | 09/10/2023 14:34:18 | available |
| S5-236818 | 09/10/2023 12:50:48 | available |
| S5-236819 | 09/10/2023 14:43:52 | revised |
| S5-236820 | 10/10/2023 12:44:39 | revised |
| S5-236821 | 13/10/2023 10:07:21 | available |
| S5-236822 | 10/10/2023 12:46:49 | approved |
| S5-236823 | 09/10/2023 14:48:06 | available |
| S5-236824 | 10/10/2023 12:53:19 | available |
| S5-236825 | 13/10/2023 10:01:41 | available |
| S5-236826 | 09/10/2023 12:14:27 | available |
| S5-236826 | 09/10/2023 12:16:45 | merged |
| S5-236828 | 13/10/2023 10:02:04 | available |
| S5-236829 | 13/10/2023 07:58:01 | noted |
| S5-236830 | 13/10/2023 07:54:13 | noted |
| S5-236831 | 09/10/2023 14:22:15 | revised |
| S5-236832 | 13/10/2023 07:54:24 | noted |
| S5-236833 | 13/10/2023 08:14:55 | agreed |
| S5-236834 | 11/10/2023 17:35:36 | agreed |
| S5-236835 | 13/10/2023 08:06:34 | noted |
| S5-236836 | 11/10/2023 17:35:38 | agreed |
| S5-236836 | 11/10/2023 17:38:43 | revised |
| S5-236837 | 13/10/2023 12:04:29 | available |
| S5-236839 | 12/10/2023 15:08:42 | revised |
| S5-236840 | 10/10/2023 14:59:20 | revised |
| S5-236841 | 10/10/2023 15:00:55 | revised |
| S5-236842 | 10/10/2023 14:33:30 | revised |
| S5-236843 | 12/10/2023 13:32:45 | available |
| S5-236843 | 12/10/2023 13:32:50 | withdrawn |
| S5-236844 | 12/10/2023 13:32:51 | withdrawn |
| S5-236845 | 12/10/2023 13:33:12 | withdrawn |
| S5-236846 | 12/10/2023 13:33:13 | withdrawn |
| S5-236847 | 13/10/2023 08:03:50 | noted |
| S5-236848 | 10/10/2023 09:21:59 | noted |
| S5-236848 | 10/10/2023 09:22:00 | withdrawn |
| S5-236849 | 11/10/2023 17:29:37 | agreed |
| S5-236850 | 11/10/2023 17:29:37 | agreed |
| S5-236851 | 10/10/2023 12:22:33 | noted |
| S5-236852 | 13/10/2023 08:03:51 | noted |
| S5-236853 | 13/10/2023 08:01:51 | noted |
| S5-236854 | 13/10/2023 08:07:26 | noted |
| S5-236858 | 13/10/2023 08:06:36 | noted |
| S5-236859 | 12/10/2023 15:09:45 | revised |
| S5-236860 | 13/10/2023 08:06:48 | noted |
| S5-236861 | 13/10/2023 07:59:12 | revised |
| S5-236862 | 10/10/2023 13:20:14 | available |
| S5-236863 | 13/10/2023 12:07:45 | available |
| S5-236865 | 13/10/2023 12:06:26 | available |
| S5-236866 | 11/10/2023 10:18:53 | revised |
| S5-236867 | 11/10/2023 17:48:11 | revised |
| S5-236869 | 10/10/2023 10:08:37 | revised |
| S5-236870 | 11/10/2023 09:20:57 | available |
| S5-236871 | 09/10/2023 09:07:29 | approved |
| S5-236871 | 13/10/2023 07:15:56 | noted |
| S5-236871 | 13/10/2023 07:18:18 | revised |
| S5-236871 | 13/10/2023 12:25:17 | noted |
| S5-236872 | 10/10/2023 14:25:19 | available |
| S5-236873 | 13/10/2023 08:03:53 | noted |
| S5-236875 | 11/10/2023 11:52:09 | agreed |
| S5-236876 | 11/10/2023 11:52:49 | agreed |
| S5-236877 | 11/10/2023 11:53:03 | agreed |
| S5-236878 | 13/10/2023 07:10:33 | postponed |
| S5-236879 | 13/10/2023 08:04:00 | noted |
| S5-236880 | 12/10/2023 15:03:13 | revised |
| S5-236881 | 13/10/2023 08:06:53 | noted |
| S5-236882 | 13/10/2023 08:06:54 | noted |
| S5-236883 | 10/10/2023 07:36:52 | noted |
| S5-236884 | 13/10/2023 09:17:34 | postponed |
| S5-236885 | 13/10/2023 06:46:26 | noted |
| S5-236886 | 13/10/2023 06:46:19 | noted |
| S5-236887 | 11/10/2023 07:30:45 | reserved |
| S5-236887 | 20/10/2023 13:32:40 | approved |
| S5-236888 | 11/10/2023 07:33:25 | reserved |
| S5-236888 | 20/10/2023 13:32:18 | approved |
| S5-236889 | 11/10/2023 08:00:57 | reserved |
| S5-236889 | 20/10/2023 08:41:21 | approved |
| S5-236890 | 11/10/2023 08:10:08 | reserved |
| S5-236890 | 23/10/2023 12:14:53 | approved |
| S5-236891 | 11/10/2023 08:11:22 | reserved |
| S5-236891 | 20/10/2023 10:08:43 | approved |
| S5-236892 | 11/10/2023 08:14:36 | reserved |
| S5-236892 | 20/10/2023 07:44:58 | approved |
| S5-236893 | 11/10/2023 08:16:14 | reserved |
| S5-236893 | 20/10/2023 07:50:37 | approved |
| S5-236894 | 13/10/2023 07:20:40 | approved |
| S5-236895 | 13/10/2023 07:20:58 | approved |
| S5-236896 | 13/10/2023 06:47:03 | approved |
| S5-236897 | 13/10/2023 06:48:00 | approved |
| S5-236898 | 13/10/2023 06:48:10 | approved |
| S5-236899 | 13/10/2023 06:48:53 | approved |
| S5-236900 | 13/10/2023 06:49:04 | approved |
| S5-236901 | 13/10/2023 13:01:48 | withdrawn |
| S5-236902 | 13/10/2023 06:50:35 | approved |
| S5-236903 | 13/10/2023 08:57:08 | approved |
| S5-236904 | 13/10/2023 06:51:23 | approved |
| S5-236905 | 13/10/2023 08:57:14 | approved |
| S5-236906 | 13/10/2023 06:51:40 | agreed |
| S5-236907 | 13/10/2023 06:51:46 | agreed |
| S5-236908 | 13/10/2023 06:51:50 | agreed |
| S5-236909 | 13/10/2023 06:51:56 | agreed |
| S5-236910 | 13/10/2023 06:52:00 | agreed |
| S5-236911 | 11/10/2023 07:35:20 | agreed |
| S5-236912 | 13/10/2023 06:52:06 | agreed |
| S5-236913 | 13/10/2023 06:52:23 | approved |
| S5-236914 | 13/10/2023 06:52:27 | approved |
| S5-236915 | 13/10/2023 06:52:34 | approved |
| S5-236915 | 14/10/2023 18:13:35 | noted |
| S5-236915 | 17/10/2023 08:20:20 | approved |
| S5-236916 | 13/10/2023 07:17:25 | approved |
| S5-236917 | 13/10/2023 06:52:51 | approved |
| S5-236918 | 13/10/2023 06:52:56 | approved |
| S5-236919 | 13/10/2023 06:53:06 | approved |
| S5-236920 | 13/10/2023 06:53:10 | approved |
| S5-236921 | 13/10/2023 06:53:15 | approved |
| S5-236922 | 13/10/2023 06:53:20 | approved |
| S5-236923 | 13/10/2023 07:17:19 | approved |
| S5-236924 | 13/10/2023 07:17:32 | approved |
| S5-236925 | 13/10/2023 08:07:00 | noted |
| S5-236926 | 13/10/2023 09:45:26 | approved |
| S5-236927 | 13/10/2023 12:21:21 | noted |
| S5-236928 | 13/10/2023 07:09:30 | approved |
| S5-236929 | 11/10/2023 17:15:19 | withdrawn |
| S5-236930 | 09/10/2023 09:15:47 | approved |
| S5-236931 | 11/10/2023 11:46:51 | noted |
| S5-236932 | 13/10/2023 12:24:34 | noted |
| S5-236933 | 13/10/2023 12:23:41 | revised |
| S5-236934 | 13/10/2023 08:29:32 | noted |
| S5-236935 | 13/10/2023 09:58:51 | approved |
| S5-236936 | 13/10/2023 10:00:53 | revised |
| S5-236937 | 10/10/2023 12:15:34 | withdrawn |
| S5-236938 | 12/10/2023 16:21:21 | approved |
| S5-236939 | 12/10/2023 16:24:30 | approved |
| S5-236940 | 13/10/2023 09:55:27 | approved |
| S5-236941 | 13/10/2023 08:28:44 | approved |
| S5-236942 | 13/10/2023 12:08:00 | agreed |
| S5-236943 | 13/10/2023 12:08:07 | available |
| S5-236944 | 09/10/2023 14:22:27 | agreed |
| S5-236945 | 13/10/2023 10:07:15 | withdrawn |
| S5-236946 | 13/10/2023 10:07:33 | available |
| S5-236946 | 13/10/2023 10:08:18 | not pursued |
| S5-236946 | 13/10/2023 12:28:47 | available |
| S5-236947 | 12/10/2023 07:37:57 | agreed |
| S5-236948 | 09/10/2023 15:02:35 | agreed |
| S5-236949 | 13/10/2023 10:08:58 | agreed |
| S5-236950 | 13/10/2023 10:10:52 | agreed |
| S5-236951 | 13/10/2023 10:09:04 | agreed |
| S5-236952 | 09/10/2023 15:49:44 | agreed |
| S5-236953 | 13/10/2023 10:10:29 | agreed |
| S5-236954 | 13/10/2023 10:09:44 | agreed |
| S5-236955 | 13/10/2023 10:10:08 | agreed |
| S5-236956 | 13/10/2023 10:10:18 | agreed |
| S5-236957 | 09/10/2023 16:52:07 | agreed |
| S5-236958 | 13/10/2023 10:29:02 | approved |
| S5-236959 | 09/10/2023 17:01:12 | agreed |
| S5-236960 | 13/10/2023 10:29:18 | agreed |
| S5-236961 | 13/10/2023 08:05:38 | agreed |
| S5-236962 | 13/10/2023 08:05:33 | agreed |
| S5-236963 | 12/10/2023 15:54:41 | agreed |
| S5-236964 | 13/10/2023 10:18:02 | agreed |
| S5-236965 | 13/10/2023 10:18:10 | available |
| S5-236966 | 13/10/2023 10:10:59 | noted |
| S5-236967 | 13/10/2023 10:18:42 | agreed |
| S5-236968 | 13/10/2023 10:18:50 | agreed |
| S5-236969 | 13/10/2023 10:25:54 | available |
| S5-236969 | 13/10/2023 12:43:17 | availablenot p |
| S5-236970 | 13/10/2023 10:26:16 | agreed |
| S5-236971 | 13/10/2023 07:21:08 | approved |
| S5-236972 | 13/10/2023 07:21:11 | approved |
| S5-236973 | 13/10/2023 07:21:17 | approved |
| S5-236974 | 13/10/2023 07:21:21 | approved |
| S5-236975 | 13/10/2023 07:21:26 | agreed |
| S5-236976 | 13/10/2023 07:21:36 | agreed |
| S5-236977 | 13/10/2023 07:21:51 | agreed |
| S5-236978 | 13/10/2023 07:25:29 | agreed |
| S5-236979 | 13/10/2023 07:25:35 | agreed |
| S5-236980 | 13/10/2023 07:26:18 | agreed |
| S5-236981 | 13/10/2023 07:26:21 | agreed |
| S5-236982 | 13/10/2023 07:27:28 | agreed |
| S5-236983 | 13/10/2023 07:27:34 | agreed |
| S5-236984 | 13/10/2023 13:00:39 | reserved |
| S5-236985 | 13/10/2023 07:33:08 | approved |
| S5-236986 | 13/10/2023 07:33:55 | approved |
| S5-236987 | 13/10/2023 07:34:08 | approved |
| S5-236988 | 13/10/2023 07:34:41 | approved |
| S5-236989 | 13/10/2023 07:34:58 | approved |
| S5-236990 | 13/10/2023 07:35:20 | approved |
| S5-236991 | 13/10/2023 07:35:34 | approved |
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| S5-236994 | 13/10/2023 07:36:13 | agreed |
| S5-236995 | 13/10/2023 07:36:39 | agreed |
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| S5-237001 | 13/10/2023 07:37:10 | approved |
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| S5-237003 | 13/10/2023 07:37:17 | approved |
| S5-237004 | 12/10/2023 15:05:39 | approved |
| S5-237005 | 12/10/2023 15:05:56 | approved |
| S5-237006 | 12/10/2023 15:06:10 | approved |
| S5-237007 | 12/10/2023 15:06:21 | approved |
| S5-237008 | 12/10/2023 15:06:33 | approved |
| S5-237009 | 12/10/2023 15:06:52 | approved |
| S5-237010 | 12/10/2023 15:07:03 | approved |
| S5-237011 | 12/10/2023 15:07:41 | approved |
| S5-237012 | 12/10/2023 15:11:03 | approved |
| S5-237013 | 13/10/2023 07:28:36 | approved |
| S5-237014 | 13/10/2023 07:30:30 | approved |
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| S5-237016 | 13/10/2023 07:32:00 | approved |
| S5-237017 | 13/10/2023 07:29:33 | reserved |
| S5-237017 | 20/10/2023 10:28:30 | noted |
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| S5-237020 | 12/10/2023 15:12:08 | agreed |
| S5-237021 | 13/10/2023 07:41:38 | agreed |
| S5-237022 | 13/10/2023 07:41:41 | agreed |
| S5-237023 | 13/10/2023 07:41:46 | agreed |
| S5-237024 | 13/10/2023 07:41:52 | agreed |
| S5-237025 | 13/10/2023 07:41:54 | agreed |
| S5-237026 | 13/10/2023 07:42:00 | agreed |
| S5-237027 | 13/10/2023 07:42:02 | agreed |
| S5-237028 | 13/10/2023 07:42:07 | agreed |
| S5-237029 | 12/10/2023 15:17:10 | agreed |
| S5-237030 | 12/10/2023 15:17:24 | agreed |
| S5-237031 | 12/10/2023 15:17:34 | agreed |
| S5-237032 | 12/10/2023 15:18:09 | agreed |
| S5-237033 | 13/10/2023 07:18:34 | approved |
| S5-237034 | 13/10/2023 07:19:17 | reserved |
| S5-237034 | 20/10/2023 10:06:27 | approved |
| S5-237035 | 13/10/2023 10:35:16 | reserved |
| S5-237035 | 20/10/2023 07:45:06 | approved |
| S5-237036 | 13/10/2023 10:01:12 | approved |
| S5-237037 | 13/10/2023 12:33:30 | reserved |
| S5-237037 | 20/10/2023 10:26:43 | approved |
| S5-237038 | 13/10/2023 12:39:10 | reserved |
| S5-237038 | 23/10/2023 09:36:55 | approved |
| S5-237039 | 13/10/2023 12:42:19 | reserved |
| S5-237039 | 23/10/2023 11:48:14 | withdrawn |
| S5-237040 | 13/10/2023 12:45:51 | reserved |
| S5-237041 | 12/10/2023 15:44:48 | agreed |
| S5-237042 | 13/10/2023 08:31:30 | withdrawn |
| S5-237043 | 13/10/2023 10:11:17 | approved |
| S5-237044 | 13/10/2023 10:12:55 | approved |
| S5-237045 | 13/10/2023 10:13:05 | approved |
| S5-237046 | 13/10/2023 10:13:13 | approved |
| S5-237047 | 13/10/2023 10:14:31 | agreed |
| S5-237048 | 12/10/2023 15:50:55 | agreed |
| S5-237049 | 12/10/2023 15:49:49 | agreed |
| S5-237050 | 12/10/2023 15:46:47 | agreed |
| S5-237051 | 13/10/2023 10:14:29 | agreed |
| S5-237052 | 10/10/2023 12:44:51 | agreed |
| S5-237053 | 13/10/2023 10:15:17 | approved |
| S5-237054 | 13/10/2023 10:15:27 | agreed |
| S5-237055 | 13/10/2023 10:15:46 | agreed |
| S5-237056 | 13/10/2023 10:15:53 | agreed |
| S5-237057 | 10/10/2023 13:37:29 | noted |
| S5-237058 | 13/10/2023 12:07:21 | agreed |
| S5-237059 | 13/10/2023 12:07:41 | withdrawn |
| S5-237060 | 13/10/2023 10:29:08 | approved |
| S5-237061 | 10/10/2023 14:36:58 | approved |
| S5-237062 | 10/10/2023 14:42:52 | reserved |
| S5-237062 | 23/10/2023 09:26:50 | approved |
| S5-237063 | 12/10/2023 16:32:12 | approved |
| S5-237064 | 13/10/2023 12:08:44 | approved |
| S5-237065 | 12/10/2023 16:34:53 | approved |
| S5-237066 | 12/10/2023 16:35:42 | approved |
| S5-237067 | 12/10/2023 16:36:36 | approved |
| S5-237068 | 13/10/2023 10:08:29 | agreed |
| S5-237069 | 13/10/2023 12:09:18 | approved |
| S5-237070 | 12/10/2023 16:37:10 | approved |
| S5-237071 | 12/10/2023 16:38:29 | approved |
| S5-237072 | 13/10/2023 12:09:38 | approved |
| S5-237073 | 13/10/2023 12:09:44 | approved |
| S5-237074 | 13/10/2023 10:09:55 | agreed |
| S5-237075 | 13/10/2023 12:27:46 | withdrawn |
| S5-237076 | 13/10/2023 10:09:27 | agreed |
| S5-237077 | 13/10/2023 08:26:38 | approved |
| S5-237078 | 13/10/2023 12:27:54 | withdrawn |
| S5-237079 | 13/10/2023 12:27:59 | withdrawn |
| S5-237080 | 13/10/2023 08:26:58 | approved |
| S5-237081 | 12/10/2023 07:03:51 | withdrawn |
| S5-237081 | 12/10/2023 07:04:42 | agreed |
| S5-237082 | 13/10/2023 10:16:22 | available |
| S5-237083 | 13/10/2023 10:16:10 | available |
| S5-237084 | 11/10/2023 07:41:34 | agreed |
| S5-237085 | 12/10/2023 16:45:19 | agreed |
| S5-237086 | 13/10/2023 10:13:58 | agreed |
| S5-237087 | 11/10/2023 07:54:50 | agreed |
| S5-237088 | 12/10/2023 07:21:42 | agreed |
| S5-237089 | 13/10/2023 10:30:11 | approved |
| S5-237090 | 11/10/2023 08:08:55 | agreed |
| S5-237090 | 11/10/2023 08:08:57 | approved |
| S5-237091 | 11/10/2023 08:13:48 | approved |
| S5-237092 | 11/10/2023 08:17:14 | approved |
| S5-237093 | 11/10/2023 08:22:49 | approved |
| S5-237094 | 12/10/2023 16:46:27 | agreed |
| S5-237094 | 13/10/2023 12:07:33 | available |
| S5-237095 | 13/10/2023 10:30:33 | approved |
| S5-237096 | 11/10/2023 08:29:47 | approved |
| S5-237097 | 13/10/2023 10:30:53 | approved |
| S5-237098 | 13/10/2023 12:03:47 | available |
| S5-237099 | 11/10/2023 09:24:37 | agreed |
| S5-237100 | 13/10/2023 12:04:13 | withdrawn |
| S5-237100 | 13/10/2023 12:54:56 | agreed |
| S5-237101 | 13/10/2023 12:04:44 | agreed |
| S5-237102 | 13/10/2023 12:04:54 | agreed |
| S5-237103 | 11/10/2023 09:45:25 | agreed |
| S5-237104 | 13/10/2023 10:18:23 | agreed |
| S5-237105 | 13/10/2023 10:18:33 | agreed |
| S5-237106 | 13/10/2023 12:05:07 | available |
| S5-237107 | 13/10/2023 07:49:52 | revised |
| S5-237108 | 13/10/2023 12:05:35 | agreed |
| S5-237109 | 13/10/2023 12:05:43 | withdrawn |
| S5-237110 | 13/10/2023 12:05:55 | agreed |
| S5-237111 | 13/10/2023 12:06:03 | agreed |
| S5-237112 | 13/10/2023 12:06:16 | available |
| S5-237113 | 13/10/2023 08:24:39 | noted |
| S5-237114 | 12/10/2023 16:26:16 | approved |
| S5-237115 | 11/10/2023 11:54:54 | reserved |
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| S5-237116 | 13/10/2023 10:10:37 | available |
| S5-237117 | 13/10/2023 10:17:33 | available |
| S5-237117 | 13/10/2023 13:11:06 | agreed |
| S5-237118 | 13/10/2023 12:08:17 | noted |
| S5-237119 | 13/10/2023 10:28:29 | agreed |
| S5-237120 | 13/10/2023 10:27:32 | agreed |
| S5-237121 | 13/10/2023 08:10:08 | available |
| S5-237122 | 13/10/2023 08:10:48 | agreed |
| S5-237123 | 13/10/2023 08:10:58 | agreed |
| S5-237124 | 13/10/2023 08:11:12 | agreed |
| S5-237125 | 13/10/2023 08:11:16 | agreed |
| S5-237126 | 13/10/2023 08:12:13 | agreed |
| S5-237127 | 13/10/2023 08:12:18 | agreed |
| S5-237128 | 13/10/2023 06:31:05 | withdrawn |
| S5-237129 | 13/10/2023 06:31:13 | withdrawn |
| S5-237130 | 13/10/2023 08:14:49 | agreed |
| S5-237131 | 13/10/2023 08:15:01 | agreed |
| S5-237132 | 11/10/2023 17:40:42 | agreed |
| S5-237133 | 11/10/2023 17:43:41 | agreed |
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| S5-237137 | 13/10/2023 08:15:53 | agreed |
| S5-237138 | 13/10/2023 08:16:21 | agreed |
| S5-237139 | 13/10/2023 08:16:31 | agreed |
| S5-237140 | 13/10/2023 08:18:23 | agreed |
| S5-237141 | 13/10/2023 08:18:24 | agreed |
| S5-237142 | 13/10/2023 08:21:18 | agreed |
| S5-237143 | 12/10/2023 08:38:22 | revised |
| S5-237143 | 13/10/2023 08:21:20 | agreed |
| S5-237144 | 12/10/2023 07:05:01 | agreed |
| S5-237145 | 12/10/2023 07:06:25 | agreed |
| S5-237146 | 12/10/2023 07:06:26 | agreed |
| S5-237147 | 12/10/2023 07:18:53 | agreed |
| S5-237148 | 12/10/2023 07:18:03 | agreed |
| S5-237149 | 12/10/2023 07:41:01 | agreed |
| S5-237150 | 12/10/2023 07:41:02 | agreed |
| S5-237151 | 13/10/2023 08:19:51 | agreed |
| S5-237152 | 13/10/2023 08:19:56 | agreed |
| S5-237153 | 13/10/2023 08:20:02 | agreed |
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| S5-237156 | 13/10/2023 08:20:51 | agreed |
| S5-237157 | 13/10/2023 08:20:53 | agreed |
| S5-237158 | 13/10/2023 08:20:55 | agreed |
| S5-237159 | 13/10/2023 12:28:13 | withdrawn |
| S5-237160 | 12/10/2023 08:10:28 | agreed |
| S5-237161 | 12/10/2023 08:10:29 | agreed |
| S5-237162 | 12/10/2023 16:13:34 | withdrawn |
| S5-237162 | 13/10/2023 12:28:26 | approved |
| S5-237163 | 13/10/2023 08:21:59 | agreed |
| S5-237164 | 13/10/2023 08:12:00 | agreed |
| S5-237165 | 13/10/2023 10:29:48 | agreed |
| S5-237166 | 13/10/2023 09:59:07 | noted |
| S5-237167 | 12/10/2023 08:40:43 | revised |
| S5-237167 | 12/10/2023 13:02:18 | withdrawn |
| S5-237168 | 13/10/2023 08:21:29 | agreed |
| S5-237169 | 13/10/2023 12:06:42 | agreed |
| S5-237170 | 13/10/2023 12:06:54 | approved |
| S5-237171 | 13/10/2023 12:10:24 | approved |
| S5-237171 | 13/10/2023 12:11:52 | revised |
| S5-237171 | 13/10/2023 12:51:54 | approved |
| S5-237172 | 13/10/2023 12:10:37 | noted |
| S5-237172 | 13/10/2023 12:51:09 | revised |
| S5-237173 | 12/10/2023 09:45:02 | reserved |
| S5-237173 | 20/10/2023 12:21:37 | approved |
| S5-237174 | 13/10/2023 12:13:19 | approved |
| S5-237175 | 13/10/2023 12:13:29 | noted |
| S5-237176 | 13/10/2023 12:14:06 | noted |
| S5-237177 | 13/10/2023 12:14:41 | noted |
| S5-237178 | 13/10/2023 12:14:52 | approved |
| S5-237179 | 13/10/2023 12:15:03 | approved |
| S5-237180 | 12/10/2023 16:49:47 | withdrawn |
| S5-237181 | 12/10/2023 10:07:39 | approved |
| S5-237182 | 12/10/2023 10:09:40 | reserved |
| S5-237182 | 23/10/2023 12:38:44 | agreed |
| S5-237182 | 23/10/2023 12:38:46 | approved |
| S5-237183 | 13/10/2023 10:30:40 | approved |
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| S5-237185 | 13/10/2023 10:30:26 | approved |
| S5-237186 | 13/10/2023 12:25:25 | noted |
| S5-237187 | 12/10/2023 12:08:27 | approved |
| S5-237188 | 12/10/2023 12:18:17 | reserved |
| S5-237188 | 20/10/2023 07:35:59 | approved |
| S5-237189 | 12/10/2023 12:17:14 | approved |
| S5-237190 | 13/10/2023 12:15:25 | noted |
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| S5-237195 | 13/10/2023 12:18:38 | noted |
| S5-237196 | 13/10/2023 12:18:47 | noted |
| S5-237197 | 13/10/2023 10:25:11 | noted |
| S5-237198 | 13/10/2023 08:19:01 | agreed |
| S5-237199 | 13/10/2023 08:19:02 | agreed |
| S5-237200 | 13/10/2023 08:19:07 | agreed |
| S5-237201 | 12/10/2023 13:26:54 | agreed |
| S5-237202 | 13/10/2023 08:24:22 | agreed |
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| S5-237204 | 13/10/2023 07:50:28 | revised |
| S5-237205 | 13/10/2023 12:26:32 | noted |
| S5-237206 | 13/10/2023 12:25:45 | withdrawn |
| S5-237206 | 13/10/2023 12:48:29 | noted |
| S5-237207 | 13/10/2023 07:53:43 | revised |
| S5-237208 | 13/10/2023 07:54:51 | revised |
| S5-237209 | 13/10/2023 07:55:37 | revised |
| S5-237210 | 13/10/2023 07:56:24 | revised |
| S5-237211 | 13/10/2023 08:09:36 | agreed |
| S5-237212 | 13/10/2023 07:58:18 | revised |
| S5-237213 | 13/10/2023 07:55:55 | revised |
| S5-237214 | 13/10/2023 07:59:40 | revised |
| S5-237215 | 13/10/2023 07:56:06 | revised |
| S5-237216 | 13/10/2023 10:23:59 | noted |
| S5-237217 | 13/10/2023 08:07:02 | noted |
| S5-237218 | 13/10/2023 10:28:48 | noted |
| S5-237219 | 13/10/2023 08:24:27 | noted |
| S5-237220 | 13/10/2023 08:04:03 | noted |
| S5-237221 | 13/10/2023 06:59:18 | noted |
| S5-237222 | 13/10/2023 12:25:13 | withdrawn |
| S5-237223 | 13/10/2023 12:05:28 | agreed |
| S5-237224 | 13/10/2023 07:50:38 | noted |
| S5-237225 | 13/10/2023 07:50:59 | noted |
| S5-237226 | 13/10/2023 07:53:56 | noted |
| S5-237227 | 13/10/2023 07:54:52 | noted |
| S5-237228 | 13/10/2023 07:55:39 | noted |
| S5-237229 | 13/10/2023 07:55:56 | noted |
| S5-237230 | 13/10/2023 07:56:08 | noted |
| S5-237231 | 13/10/2023 07:56:30 | noted |
| S5-237232 | 13/10/2023 07:57:20 | noted |
| S5-237233 | 13/10/2023 07:58:20 | noted |
| S5-237234 | 13/10/2023 07:59:14 | noted |
| S5-237235 | 13/10/2023 07:59:41 | noted |
| S5-237236 | 13/10/2023 08:00:23 | noted |
| S5-237237 | 13/10/2023 08:02:41 | noted |
| S5-237238 | 13/10/2023 12:27:34 | reserved |
| S5-237238 | 20/10/2023 09:02:53 | approved |
| S5-237239 | 13/10/2023 12:12:03 | approved |
| S5-237239 | 13/10/2023 12:51:57 | withdrawn |
| S5-237240 | 13/10/2023 12:17:26 | approved |
| S5-237241 | 13/10/2023 12:23:42 | approved |
| S5-237242 | 13/10/2023 12:50:12 | reserved |
| S5-237242 | 20/10/2023 09:42:17 | approved |
| S5-237243 | 13/10/2023 12:51:11 | approved |
| S5-237244 | 13/10/2023 13:05:56 | reserved |
| S5-237244 | 24/10/2023 07:01:26 | approved |
| S5-237245 | 13/10/2023 13:15:03 | reserved |
| S5-237245 | 23/10/2023 09:25:10 | approved |
| S5-237246 | 13/10/2023 13:14:54 | reserved |
| S5-237246 | 20/10/2023 14:39:13 | approved |
| S5-237247 | 13/10/2023 13:14:30 | reserved |
| S5-237247 | 23/10/2023 11:19:55 | approved |
| S5-237248 | 13/10/2023 13:14:42 | reserved |
| S5-237248 | 19/10/2023 12:46:50 | withdrawn |
| S5-237249 | 13/10/2023 13:14:43 | reserved |
| S5-237249 | 23/10/2023 09:13:43 | approved |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S5-236321 | Rel-17\_CR\_28104\_Correct issues for AnalyticsSchedule datatype | ZTE Corporation | 28.104 | 0057 | - | Rel-17 | B | eMDAS\_Ph2 | withdrawn |
| S5-236322 | Rel-18\_CR\_28104\_Correct issues for AnalyticsSchedule datatype | ZTE Corporation | 28.104 | 0058 | - | Rel-18 | B | eMDAS\_Ph2 | withdrawn |
| S5-236323 | Rel-17\_CR\_28104\_Correct issues for MDA information model | ZTE Corporation | 28.104 | 0059 | - | Rel-17 | A | eMDAS\_Ph2 | withdrawn |
| S5-236324 | Rel-18\_CR\_28104\_Correct issues for MDA information model | ZTE Corporation | 28.104 | 0060 | - | Rel-18 | A | eMDAS\_Ph2 | withdrawn |
| S5-236486 | Update MDA capability of service failure recovery | Huawei | 28.104 | 0061 | - | Rel-18 | B | eMDAS\_Ph2 | not pursued |
| S5-236515 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | 28.104 | 0062 | - | Rel-17 | F | eMDAS | revised |
| S5-237122 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | 28.104 | 0062 | 1 | Rel-17 | F | eMDAS | agreed |
| S5-236516 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | 28.104 | 0063 | - | Rel-18 | A | eMDAS | revised |
| S5-237123 | Correct issues for AnalyticsSchedule datatype | ZTE Corporation | 28.104 | 0063 | 1 | Rel-18 | A | eMDAS | agreed |
| S5-236517 | Rel-17\_CR\_28104\_Correct issues for MDA information model | ZTE Corporation | 28.104 | 0064 | - | Rel-17 | A | eMDAS\_Ph2 | withdrawn |
| S5-236518 | Rel-18 CR TS 28.104 Correcting | ZTE Corporation | 28.104 | 0065 | - | Rel-18 | A | eMDAS | revised |
| S5-237124 | Rel-18 CR TS 28.104 Correcting | ZTE Corporation | 28.104 | 0065 | 1 | Rel-18 | A | eMDAS | agreed |
| S5-236519 | Rel-17 CR TS 28.104 Correcting | ZTE Corporation | 28.104 | 0066 | - | Rel-17 | F | eMDAS | revised |
| S5-237125 | Rel-17 CR TS 28.104 Correcting | ZTE Corporation | 28.104 | 0066 | 1 | Rel-17 | F | eMDAS | agreed |
| S5-236792 | Rel-18 Input to draft CR TS 28.104 Add Recommendation Scope | China Mobile Com. Corporation | 28.104 | 0067 | - | Rel-18 | B | eMDAS\_Ph2 | not pursued |
| S5-236360 | Rel-17 CR TS 28.105 Adding the missing relation between ML entity and ML process | Nokia, Nokia Shangai Bell | 28.105 | 0040 | - | Rel-17 | F | eMDAS | not pursued |
| S5-236361 | Rel-18 CR TS 28.105 Adding the missing relation between ML entity and ML process | Nokia, Nokia Shangai Bell | 28.105 | 0041 | - | Rel-18 | F | eMDAS | revised |
| S5-237164 | Rel-18 CR TS 28.105 Adding the missing relation between ML entity and ML process | Nokia, Nokia Shangai Bell | 28.105 | 0041 | 1 | Rel-18 | F | AIML\_MGT | agreed |
| S5-236393 | Correction on ModelPerformance | Huawei | 28.105 | 0042 | - | Rel-17 | F | eMDAS | revised |
| S5-237126 | Correction on ModelPerformance | Huawei | 28.105 | 0042 | 1 | Rel-17 | F | eMDAS | agreed |
| S5-236394 | Rel-18 CR 28.105 correction on ModelPerformace | Huawei | 28.105 | 0043 | - | Rel-18 | A | eMDAS | revised |
| S5-237127 | Rel-18 CR 28.105 correction on ModelPerformace | Huawei | 28.105 | 0043 | 1 | Rel-18 | A | eMDAS | agreed |
| S5-236479 | Rel-17 CR TS 28.105 Corrections of ML training related use cases description | Huawei | 28.105 | 0044 | - | Rel-17 | F | TEI17 | agreed |
| S5-236480 | Rel-18 CR TS 28.105 Corrections of ML training related use cases description | Huawei | 28.105 | 0045 | - | Rel-18 | A | TEI17 | agreed |
| S5-236664 | Rel 17 CR TS 28.105 Remove unused decision entity term | Ericsson | 28.105 | 0046 | - | Rel-17 | F | AIML\_MGT | agreed |
| S5-236665 | Rel 18 CR TS 28.105 Remove unused decision entity term | Ericsson | 28.105 | 0047 | - | Rel-18 | A | AIML\_MGT | agreed |
| S5-236747 | Rel 17 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | 28.105 | 0048 | - | Rel-17 | F | AIML\_MGT | agreed |
| S5-237128 | Rel 17 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | 28.105 | 0048 | 1 | Rel-17 | F | AIML\_MGT | withdrawn |
| S5-236748 | Rel 18 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | 28.105 | 0049 | - | Rel-18 | A | AIML\_MGT | agreed |
| S5-237129 | Rel 18 CR TS 28.105 Clarify the description of confidenceIndication attribute | Nokia, Nokia Shanghai Bell | 28.105 | 0049 | 1 | Rel-18 | A | AIML\_MGT | withdrawn |
| S5-236794 | Rel-17 CR 28.105 Correction of attribute properties | Ericsson Limited | 28.105 | 0050 | - | Rel-17 | F | AIML\_MGT | not treated |
| S5-236797 | Rel-18 CR 28.105 Correction of attribute properties | Ericsson Limited | 28.105 | 0051 | - | Rel-18 | A | AIML\_MGT | not treated |
| S5-236803 | Correction of IOC name | Ericsson | 28.105 | 0052 | - | Rel-17 | F | AIML\_MGT | not treated |
| S5-236806 | CR correction of IOC Name | Ericsson | 28.105 | 0053 | - | Rel-18 | A | AIML\_MGT | not treated |
| S5-236810 | Add description for AIML inference capabilities management | China Mobile | 28.105 | 0054 | - | Rel-18 | B | AIML\_MGT | revised |
| S5-236936 | Add description for AIML inference capabilities management | China Mobile | 28.105 | 0054 | 1 | Rel-18 | B | AIML\_MGT | not pursued |
| S5-236814 | Add use case and requirements for AIML inference configuration management | China Mobile | 28.105 | 0055 | - | Rel-18 | B | AIML\_MGT | not pursued |
| S5-236818 | Add use case and requirements for ML entity loading control and monitoring | China Mobile | 28.105 | 0056 | - | Rel-18 | B | AIML\_MGT | not pursued |
| S5-236825 | Add use case and requirements for pre-processed event data for ML training | China Mobile | 28.105 | 0057 | - | Rel-18 | B | AIML\_MGT | not treated |
| S5-236826 | Add use case and requirements for tracking AI/ML inference decision and context | China Mobile | 28.105 | 0058 | - | Rel-18 | B | AIML\_MGT | not pursued |
| S5-236828 | Add use case and requirements for training data effectiveness reporting and analytics | China Mobile | 28.105 | 0059 | - | Rel-18 | B | AIML\_MGT | not treated |
| S5-236849 | Rel 17 CR TS 28.105 Remove unused attribute mLEntityList | Nokia, Nokia Shanghai Bell | 28.105 | 0060 | - | Rel-17 | F | AIML\_MGT | agreed |
| S5-236850 | Rel 18 CR TS 28.105 Remove unused attribute mLEntityList | Nokia, Nokia Shanghai Bell | 28.105 | 0061 | - | Rel-18 | A | AIML\_MGT | agreed |
| S5-236598 | Remove the triggers in charging data message | Huawei | 28.201 | 0012 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236418 | Rel-18 CR 28.310 Update on energy saving for UPFs | Huawei | 28.310 | 0037 | - | Rel-18 | F | EE5GPLUS | revised |
| S5-237058 | Rel-18 CR 28.310 Update on energy saving for UPFs | Huawei, China Mobile | 28.310 | 0037 | 1 | Rel-18 | F | EE5GPLUS | agreed |
| S5-236449 | Rel-18 CR TS 28.310 Add reference to TS 28.312 for intent driven approach for RAN energy saving use case | Huawei, Deutsche Telekom | 28.310 | 0038 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-237068 | Rel-18 CR TS 28.310 Add reference to TS 28.312 for intent driven approach for RAN energy saving use case | Huawei, Deutsche Telekom | 28.310 | 0038 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236513 | Add definitions | Huawei | 28.310 | 0039 | - | Rel-18 | B | EE5GPLUS\_Ph2 | revised |
| S5-237094 | Add definitions | Huawei | 28.310 | 0039 | 1 | Rel-18 | B | EE5GPLUS\_Ph2 | not pursued |
| S5-236514 | Describe example scenarios involving multiple roles in EE KPI building | Huawei | 28.310 | 0040 | - | Rel-18 | B | EE5GPLUS\_Ph2 | revised |
| S5-237085 | Describe example scenarios involving multiple roles in EE KPI building | Huawei | 28.310 | 0040 | 1 | Rel-18 | B | EE5GPLUS\_Ph2 | agreed |
| S5-236796 | Rel-18 CR TS 28.310 Fix the description on UPFs for energy saving | China Mobile | 28.310 | 0041 | - | Rel-18 | F | EE5GPLUS\_Ph2 | merged |
| S5-236800 | Rel-18 CR TS 28.310 Update on energy saving for NEs and NFs | China Mobile | 28.310 | 0042 | - | Rel-18 | B | EE5GPLUS\_Ph2 | merged |
| S5-236255 | Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition | Huawei | 28.312 | 0117 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-236831 | Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition | Huawei | 28.312 | 0117 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-236944 | Rel-18 CR TS 28.312 Update the stage3 for intent report to align with the stage2 definition | Huawei | 28.312 | 0117 | 2 | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236268 | Rel-17 CR TS 28.312 Correct the Relationship UML diagram for intent | China Mobile Com. Corporation | 28.312 | 0118 | - | Rel-17 | F | IDMS\_MN | agreed |
| S5-236269 | Rel-17 CR TS 28.312 Correct issues for redefined Objectcontext in OpenAPI document | China Mobile Com. Corporation | 28.312 | 0119 | - | Rel-17 | F | IDMS\_MN | agreed |
| S5-236270 | Rel-18 CR TS 28.312 Correct issues for Relationship UML diagram for intent | China Mobile Com. Corporation | 28.312 | 0120 | - | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236271 | Rel-18 CR TS 28.312 Correct issues for the use of context in the OpenAPI document. | China Mobile Com. Corporation | 28.312 | 0121 | - | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236302 | Rel-17 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3 | Huawei | 28.312 | 0122 | - | Rel-17 | F | IDMS\_MN | agreed |
| S5-236303 | Rel-18 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3 | Huawei | 28.312 | 0123 | - | Rel-18 | A | IDMS\_MN\_ph2 | revised |
| S5-236833 | Rel-18 CR TS28.312 Correct issues for area related attributes definition in stage2 and stage3 | Huawei | 28.312 | 0123 | 1 | Rel-18 | A | IDMS\_MN | agreed |
| S5-236304 | Rel-17 CR TS28.312 Correct stage2 issues for Edge Service Support Expectation | Huawei | 28.312 | 0124 | - | Rel-17 | F | IDMS\_MN\_ph2 | revised |
| S5-236834 | Rel-17 CR TS28.312 Correct stage2 issues for Edge Service Support Expectation | Huawei | 28.312 | 0124 | 1 | Rel-17 | F | IDMS\_MN | agreed |
| S5-236306 | Rel-18 CR TS28.312 Update the stage3 to align with the stage2 | Huawei | 28.312 | 0125 | - | Rel-18 | F | IDMS\_MN\_ph2 | withdrawn |
| S5-236307 | Rel-18 CR TS 28.312 Update 6.1 and 7.1 to support intent report and intent handling capability obtaining | Huawei, Deutsche Telekom | 28.312 | 0126 | - | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236308 | Add YAML document examples for intent report instance | Huawei, Deutsche Telekom | 28.312 | 0127 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-236954 | Add YAML document examples for intent report instance | Huawei, Deutsche Telekom | 28.312 | 0127 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236309 | Rel-18 CR TS 28.312 Add procedure for intent report and intent handling capability obtaining | Huawei, Deutsche Telekom | 28.312 | 0128 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-237074 | Rel-18 CR TS 28.312 Add procedure for intent report and intent handling capability obtaining | Huawei, Deutsche Telekom | 28.312 | 0128 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236310 | Rel-18 CR TS 28.312 Correct issues for IntentReport model(6.4.4.3) | Huawei | 28.312 | 0129 | - | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-236955 | Rel-18 CR TS 28.312 Correct issues for IntentReport model(6.4.4.3) | Huawei | 28.312 | 0129 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236311 | Rel-18 CR TS28.312 Enhance the RadioNetworkExpectation | Huawei, Deutsche Telekom | 28.312 | 0130 | - | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236312 | Rel-18 CR TS 28.312 Add Intent interface deployment scenarios in Annex | Huawei, Deutsche Telekom | 28.312 | 0131 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-237048 | Rel-18 CR TS 28.312 Add Intent interface deployment scenarios in Annex | Huawei, Deutsche Telekom, Ericsson | 28.312 | 0131 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236313 | Add RadioServiceExpectation | Huawei, Deutsche Telekom | 28.312 | 0132 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-237049 | Add RadioServiceExpectation | Huawei, Deutsche Telekom | 28.312 | 0132 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236314 | Rel-18 CR TS 28.312 Rapporteur clean up | Huawei | 28.312 | 0133 | - | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236396 | Clarification on intent management procedure | Huawei | 28.312 | 0134 | - | Rel-17 | F | IDMS\_MN | agreed |
| S5-236397 | Clarification on intent management procedure | Huawei | 28.312 | 0135 | - | Rel-18 | A | IDMS\_MN | agreed |
| S5-236398 | Adding 5GC expectation in Intent IOC stage 3 | Huawei | 28.312 | 0136 | - | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236399 | Update 5GC expectation | Huawei | 28.312 | 0137 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-236946 | Update 5GC expectation | Huawei | 28.312 | 0137 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | not pursued |
| S5-236423 | Rel-17 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | 28.312 | 0138 | - | Rel-17 | F | IDMS\_MN | revised |
| S5-237130 | Rel-17 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | 28.312 | 0138 | 1 | Rel-17 | F | IDMS\_MN | agreed |
| S5-236424 | Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | 28.312 | 0139 | - | Rel-18 | A | IDMS\_MN | revised |
| S5-236836 | Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | 28.312 | 0139 | 1 | Rel-18 | A | IDMS\_MN | revised |
| S5-237131 | Rel-18 CR TS 28.312 Update the definition of expectationId in Table 6.2.1.4-1 | Huawei | 28.312 | 0139 | 2 | Rel-18 | A | IDMS\_MN | agreed |
| S5-236462 | Rel-18 CR TS 28.312 Selection among Expectation, targets and contexts | Nokia, Nokia Shanghai Bell | 28.312 | 0140 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-236956 | Rel-18 CR TS 28.312 Selection among Expectation, targets and contexts | Nokia, Nokia Shanghai Bell | 28.312 | 0140 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236463 | Rel18 CR 28312 Requirements on intent Reporting | Nokia, Nokia Shanghai Bell | 28.312 | 0141 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-236953 | Rel18 CR 28312 Requirements on intent Reporting | Nokia, Nokia Shanghai Bell | 28.312 | 0141 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236485 | Rel-18 CR 28.312 Intent Conflict Resolution Procedure | Huawei | 28.312 | 0142 | - | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-237116 | Rel-18 CR 28.312 Intent Conflict Resolution Procedure | Huawei | 28.312 | 0142 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | not pursued |
| S5-236500 | Rel-18 CR TS 28.312 Correct issues for the reference to maxNumberofPDUsessions | China Mobile Com. Corporation | 28.312 | 0143 | - | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-236948 | Rel-18 CR TS 28.312 Correct issues for the reference to maxNumberofPDUsessions | China Mobile Com. Corporation | 28.312 | 0143 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236502 | Rel-18\_CR\_28312\_Correct issues for Class definition including Intent and IntentReport | ZTE Corporation | 28.312 | 0144 | - | Rel-18 | F | IDMS\_MN\_ph2 | withdrawn |
| S5-236503 | Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0145 | - | Rel-18 | F | IDMS\_MN\_ph2 | withdrawn |
| S5-236504 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0146 | - | Rel-18 | F | IDMS\_MN\_ph2 | withdrawn |
| S5-236505 | Rel-18\_CR\_28312\_Enhancement for Intent handling capability | ZTE Corporation | 28.312 | 0147 | - | Rel-18 | B | IDMS\_MN\_ph2 | withdrawn |
| S5-236506 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0148 | - | Rel-18 | B | IDMS\_MN\_ph2 | withdrawn |
| S5-236507 | Rel-18\_CR\_28836\_Correct issues of procedure for NS delivering and assurance | ZTE Corporation | 28.312 | 0149 | - | Rel-18 | F | FS\_NETSLICE\_IDMS | withdrawn |
| S5-236564 | Rel-18 CR TS 28.312 add intent conflict resolution based on intent preemption | NTT DOCOMO | 28.312 | 0150 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-237041 | Rel-18 CR TS 28.312 add intent conflict resolution based on intent preemption | NTT DOCOMO | 28.312 | 0150 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236565 | Rel-18 CR TS 28.312 add attributes of intent preemption | NTT DOCOMO | 28.312 | 0151 | - | Rel-18 | B | IDMS\_MN\_ph2 | not pursued |
| S5-237042 | Rel-18 CR TS 28.312 add attributes of intent preemption | NTT DOCOMO | 28.312 | 0151 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | withdrawn |
| S5-236576 | Add one case and requirement for supporting change of intent handling function | ZTE Corporation | 28.312 | 0152 | - | Rel-18 | C | IDMS\_MN\_ph2 | revised |
| S5-236949 | Add one case and requirement for supporting change of intent handling function | ZTE Corporation | 28.312 | 0152 | 1 | Rel-18 | C | IDMS\_MN\_ph2 | agreed |
| S5-236579 | Clarify MnS consumer how handling infeasible results of intent fulfilment feasibility check | ZTE Corporation | 28.312 | 0153 | - | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-236951 | Clarify MnS consumer how handling infeasible results of intent fulfilment feasibility check | ZTE Corporation | 28.312 | 0153 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | not pursued |
| S5-236581 | Enhance the description of intent report | ZTE Corporation | 28.312 | 0154 | - | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-236952 | Enhance the description of intent report | ZTE Corporation | 28.312 | 0154 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236663 | Add description and potential requirement for intent report | ZTE Corporation | 28.312 | 0155 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-237076 | Add description and potential requirement for intent report | ZTE Corporation | 28.312 | 0155 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236775 | Correct issues for Class definition including Intent and IntentReport | ZTE Corporation | 28.312 | 0156 | - | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236776 | Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0157 | - | Rel-18 | F | IDMS\_MN\_ph2 | merged |
| S5-236777 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0158 | - | Rel-18 | F | IDMS\_MN\_ph2 | revised |
| S5-237050 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0158 | 1 | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236778 | Rel-18 CR TS 28.312 Enhancement for Intent handling capability obtaining | ZTE Corporation | 28.312 | 0159 | - | Rel-18 | B | IDMS\_MN\_ph2 | revised |
| S5-236950 | Rel-18 CR TS 28.312 Enhancement for Intent handling capability obtaining | ZTE Corporation | 28.312 | 0159 | 1 | Rel-18 | B | IDMS\_MN\_ph2 | agreed |
| S5-236779 | Rel-18 CR TS 28.312 Correct issues of attibutes in IntentFulfillmentReport. | ZTE Corporation | 28.312 | 0160 | - | Rel-18 | B | IDMS\_MN\_ph2 | merged |
| S5-236788 | Rel-18 CR TS 28.312 Correct use case for Intent containing an expectation for 5GC network | China Mobile, Huawei | 28.312 | 0161 | - | Rel-18 | F | IDMS\_MN\_ph2 | agreed |
| S5-236789 | Modify expectationId to expectationName | China Mobile Com. Corporation | 28.312 | 0162 | - | Rel-18 | A | IDMS\_MN | merged |
| S5-236791 | Rel-18 CR TS 28.312 Correct use case for Intent fulfillment feasibility check | China Mobile, Huawei | 28.312 | 0163 | - | Rel-18 | F | IDMS\_MN\_ph2 | merged |
| S5-236795 | Modify expectationId to expectationName | China Mobile Com. Corporation | 28.312 | 0164 | - | Rel-17 | F | IDMS\_MN | merged |
| S5-236808 | Rel-17 CR TS28.312 Correct the description for Context <<dataType>> | China Mobile Com. Corporation | 28.312 | 0165 | - | Rel-17 | F | IDMS\_MN | agreed |
| S5-236811 | Rel-18 CR TS 28.312 Correct the description for Context dataType | China Mobile Com. Corporation | 28.312 | 0166 | - | Rel-18 | A | IDMS\_MN | revised |
| S5-237132 | Rel-18 CR TS 28.312 Correct the description for Context dataType | China Mobile Com. Corporation | 28.312 | 0166 | 1 | Rel-18 | A | IDMS\_MN | agreed |
| S5-236817 | Rel-18 CR 28.312 Add REPORT to allowedValues in expectationVerb attributes | China Mobile Com. Corporation | 28.312 | 0167 | - | Rel-18 | B | IDMS\_MN\_Ph2 | not pursued |
| S5-236819 | Rel-18 CR TS 28.312 Enable MnS consumers to obtain historical intent reports | China Mobile Com. Corporation | 28.312 | 0168 | - | Rel-18 | B | IDMS\_MN\_Ph2 | not pursued |
| S5-236945 | Rel-18 CR TS 28.312 Enable MnS consumers to obtain historical intent reports | China Mobile Com. Corporation | 28.312 | 0168 | 1 | Rel-18 | B | IDMS\_MN\_Ph2 | withdrawn |
| S5-236821 | Rel-18 CR TS 28312 Add requirements for intent decomposition | China Mobile Com. Corporation | 28.312 | 0169 | - | Rel-18 | B | IDMS\_MN\_Ph2 | not pursued |
| S5-236823 | Rel-18 CR TS 28.312 Add requirements and solution for intent probe and intent negotiate | China Mobile | 28.312 | 0170 | - | Rel-18 | B | IDMS\_MN\_Ph2 | not pursued |
| S5-236281 | Rel-18 CR TS28.313 Update procedure for Sel-configuration to refer to TS 28.317 | China Mobile, Huawei | 28.313 | 0058 | - | Rel-18 | F | RANSC | not pursued |
| S5-236473 | Rel-17 CR TS 28.313 correction of performance measurements for MRO | Huawei | 28.313 | 0059 | - | Rel-17 | A | TEI16 | agreed |
| S5-236474 | Rel-16 CR TS 28.313 correction of performance measurements for MRO | Huawei | 28.313 | 0060 | - | Rel-16 | F | TEI16 | agreed |
| S5-236475 | Rel-17 CR TS 28.313 correction performance measurements for CHO and DAPS MRO | Huawei | 28.313 | 0061 | - | Rel-17 | F | TEI17 | revised |
| S5-237133 | Rel-17 CR TS 28.313 correction performance measurements for CHO and DAPS MRO | Huawei | 28.313 | 0061 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236875 | Rel-18 CR TS28.405 Fix API name | ZTE Corporation | 28.405 | 0026 | - | Rel-18 | D | TEI18 | agreed |
| S5-236482 | Rel-15 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001 | Huawei | 28.500 | 0008 | - | Rel-15 | F | TEI15 | agreed |
| S5-236483 | Rel-16 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001 | Huawei | 28.500 | 0009 | - | Rel-16 | A | TEI15 | agreed |
| S5-236484 | Rel-17 CR 28.500 Remove references to deprecated ETSI GS NFV MAN001 | Huawei | 28.500 | 0010 | - | Rel-17 | A | TEI15 | agreed |
| S5-236643 | Rel-18 CR TS 28.530 Add management capability support for integration with satellite networking | China Unicom, CATT | 28.530 | 0058 | - | Rel-18 | B | OAM\_NTN | revised |
| S5-237098 | Rel-18 CR TS 28.530 Add management capability support for integration with satellite networking | China Unicom, CATT,China Telecom | 28.530 | 0058 | 1 | Rel-18 | B | OAM\_NTN | not pursued |
| S5-236870 | Rel-17 CR TS 28.530 Add management capability to support IoT NTN scenario | China Telecom | 28.530 | 0059 | - | Rel-17 | B | OAM\_NTN | merged |
| S5-236333 | Rel-18 CR TS 28.531 Add and update use case for network slice isolation support | Nokia, Nokia Shanghai Bell | 28.531 | 0194 | 2 | Rel-18 | B | NSRULE | revised |
| S5-237082 | Rel-18 CR TS 28.531 Add and update use case for network slice isolation support | Nokia, Nokia Shanghai Bell | 28.531 | 0194 | 3 | Rel-18 | B | NSRULE | not pursued |
| S5-236416 | Add missing scenario for network slice provisioning | Huawei | 28.531 | 0216 | 2 | Rel-17 | F | TEI17 | not pursued |
| S5-236417 | Add missing scenario for network slice provisioning | Huawei | 28.531 | 0217 | 2 | Rel-18 | A | TEI17 | not pursued |
| S5-236305 | Rel-18 CR TS28.531 Update procedure of feasibility check and reservation of NSI and NSSI to align with FeasibilityCheckAndReservationJob | Huawei | 28.531 | 0218 | - | Rel-18 | F | TEI18 | revised |
| S5-237134 | Rel-18 CR TS28.531 Update procedure of feasibility check and reservation of NSI and NSSI to align with FeasibilityCheckAndReservationJob | Huawei | 28.531 | 0218 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236328 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Deallocation | Nokia, Nokia Shanghai Bell | 28.531 | 0219 | - | Rel-18 | F | TEI18 | revised |
| S5-237136 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Deallocation | Nokia, Nokia Shanghai Bell | 28.531 | 0219 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236329 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of network slice subnet instance deallocation | Nokia, Nokia Shanghai Bell | 28.531 | 0220 | - | Rel-18 | F | TEI18 | revised |
| S5-237137 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of network slice subnet instance deallocation | Nokia, Nokia Shanghai Bell | 28.531 | 0220 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236330 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Modification | Nokia, Nokia Shanghai Bell | 28.531 | 0221 | - | Rel-18 | F | TEI18 | revised |
| S5-237138 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Instance Modification | Nokia, Nokia Shanghai Bell | 28.531 | 0221 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236331 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Subnet Instance Modification | Nokia, Nokia Shanghai Bell | 28.531 | 0222 | - | Rel-18 | F | TEI18 | revised |
| S5-237139 | Rel-18 CR TS 28.531 Clarify initiation of Procedure of Network Slice Subnet Instance Modification | Nokia, Nokia Shanghai Bell | 28.531 | 0222 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236341 | Rel-18 CR TS 28.531 Corrections to description of Procedure of Network Slice Instance and Network Slice Subnet Instance allocations | Nokia, Nokia Shanghai Bell | 28.531 | 0223 | - | Rel-18 | F | TEI18 | agreed |
| S5-236523 | Update the scope of TS 28.531 | Ericsson | 28.531 | 0224 | - | Rel-18 | B | MCVNF | revised |
| S5-237108 | Update the scope of TS 28.531 | Ericsson | 28.531 | 0224 | 1 | Rel-18 | B | MCVNF | agreed |
| S5-236739 | Add the introduction for the procedure of NF instance creation | ZTE Corporation | 28.531 | 0225 | - | Rel-18 | F | MCVNF | revised |
| S5-237106 | Add the introduction for the procedure of NF instance creation | ZTE Corporation | 28.531 | 0225 | 1 | Rel-18 | F | MCVNF | not pursued |
| S5-236740 | Add the introduction for the procedure of NF instance deletion | ZTE Corporation | 28.531 | 0226 | - | Rel-18 | F | MCVNF | not pursued |
| S5-236742 | Add the introduction for the procedure of NF instance modification | ZTE Corporation | 28.531 | 0227 | - | Rel-18 | F | MCVNF | revised |
| S5-237107 | Add the introduction for the procedure of NF instance modification | ZTE Corporation | 28.531 | 0227 | 1 | Rel-18 | F | MCVNF | revised |
| S5-237223 | Add the introduction for the procedure of NF instance modification | ZTE Corporation | 28.531 | 0227 | 2 | Rel-18 | F | MCVNF | agreed |
| S5-236550 | Rel-16 CR 28.532 Clarify Heartbeat MnS capability definition | Ericsson Inc. | 28.532 | 0275 | 1 | Rel-16 | F | TEI16 | not pursued |
| S5-236557 | Rel-16 CR 28.532 Correct URI definition inconsistencies | Ericsson Inc. | 28.532 | 0277 | 1 | Rel-16 | F | TEI16 | not pursued |
| S5-236347 | TS28.532 Rel16 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges | Nokia, Nokia Shanghai Bell | 28.532 | 0283 | - | Rel-16 | F | TEI16, REST\_SS | agreed |
| S5-236348 | TS28.532 Rel17 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges | Nokia, Nokia Shanghai Bell | 28.532 | 0284 | - | Rel-17 | A | TEI16, REST\_SS | agreed |
| S5-236349 | TS28.532 Rel18 correction to eventTime description for NotifyMoiDeletion & NotifyMoiAttributeValueChanges | Nokia, Nokia Shanghai Bell | 28.532 | 0285 | - | Rel-18 | A | TEI16, REST\_SS | agreed |
| S5-236551 | Rel-17 CR 28.532 Clarify Heartbeat MnS capability definition | Ericsson Inc. | 28.532 | 0286 | - | Rel-17 | A | TEI16 | not pursued |
| S5-236555 | Rel-16 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI files | Ericsson Inc. | 28.532 | 0287 | - | Rel-16 | F | TEI16 | not pursued |
| S5-236556 | Rel-17 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI | Ericsson Inc. | 28.532 | 0288 | - | Rel-17 | A | TEI16 | not pursued |
| S5-236560 | Rel-18 CR 28.532 Correct inconsistencies in version number handling in OpenAPI | Ericsson Inc. | 28.532 | 0288 | 1 | Rel-18 | A | TEI16 | withdrawn |
| S5-236558 | Rel-17 CR 28.532 Correct URI definition inconsistencies | Ericsson Inc. | 28.532 | 0289 | - | Rel-17 | A | TEI16 | not pursued |
| S5-236559 | Rel-18 CR 28.532 Correct URI definition inconsistencies | Ericsson Inc. | 28.532 | 0290 | - | Rel-18 | A | TEI16 | not pursued |
| S5-236561 | Rel-18 CR 28.532 Correct inconsistencies in MnS version number handling in OpenAPI | Ericsson Inc. | 28.532 | 0291 | - | Rel-18 | A | TEI16 | not treated |
| S5-236569 | Rel-16 CR 28.532 Clarify usage of the attributes container in notifyMOIChanges | Nokia, Nokia Shanghai Bell | 28.532 | 0292 | - | Rel-16 | F | TEI16, REST\_SS | agreed |
| S5-236580 | Rel-18 CR 28.532 Update definition of createMOI (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0293 | - | Rel-18 | C | eSBMA | revised |
| S5-237054 | Rel-18 CR 28.532 Update definition of createMOI (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0293 | 1 | Rel-18 | C | eSBMA | agreed |
| S5-236582 | Rel-18 CR 28.532 Update definition of modifyMOIAttributes | Nokia, Nokia Shanghai Bell | 28.532 | 0294 | - | Rel-18 | C | eSBMA | revised |
| S5-237055 | Rel-18 CR 28.532 Update definition of modifyMOIAttributes | Nokia, Nokia Shanghai Bell | 28.532 | 0294 | 1 | Rel-18 | C | eSBMA | agreed |
| S5-236583 | Rel-18 CR 28.532 Add definition of changeMOIs (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0295 | - | Rel-18 | B | eSBMA | revised |
| S5-237056 | Rel-18 CR 28.532 Add definition of changeMOIs (stage 2) | Nokia, Nokia Shanghai Bell | 28.532 | 0295 | 1 | Rel-18 | B | eSBMA | agreed |
| S5-236876 | Rel-18 CR TS28.532 editorial Correction | ZTE Corporation | 28.532 | 0296 | - | Rel-18 | D | TEI18 | agreed |
| S5-236488 | Rel-18 CR TS 28.533 Add a note sentence in clause A.4 | China Mobile (Hangzhou) Inf. | 28.533 | 0117 | - | Rel-18 | F | MCVNF | withdrawn |
| S5-236510 | Rel-18 CR TS 28.533 Add a note sentence in clause A.4 | China Mobile (Hangzhou) Inf. | 28.533 | 0118 | - | Rel-18 | F | MCVNF | withdrawn |
| S5-236511 | Add a note sentence in clause A.4 | China Mobile | 28.533 | 0119 | - | Rel-18 | F | MCVNF | revised |
| S5-237103 | Add a note sentence in clause A.4 | China Mobile | 28.533 | 0119 | 1 | Rel-18 | F | MCVNF | agreed |
| S5-236660 | Rel-18 CR TS 28.533 Add example of RAN domain management capabilities mapped with ZSM | Huawei | 28.533 | 0120 | - | Rel-18 | B | eSBMA | revised |
| S5-237047 | Rel-18 CR TS 28.533 Add example of RAN domain management capabilities mapped with ZSM | Huawei, Telefónica, Deutsche Telekom | 28.533 | 0120 | 1 | Rel-18 | B | eSBMA | agreed |
| S5-236661 | Rel-18 CR TS 28.533 Using Management Services to support multiple players interoperability | Huawei | 28.533 | 0121 | - | Rel-18 | B | eSBMA | revised |
| S5-237051 | Rel-18 CR TS 28.533 Using Management Services to support multiple players interoperability | Huawei | 28.533 | 0121 | 1 | Rel-18 | B | eSBMA | agreed |
| S5-236687 | Rel-17 CR 28.537 Clarify management service discovery use cases | Ericsson Inc. | 28.537 | 0013 | - | Rel-17 | F | 5GDMS | revised |
| S5-237202 | Rel-17 CR 28.537 Clarify management service discovery use cases | Ericsson Inc. | 28.537 | 0013 | 1 | Rel-17 | F | 5GDMS | agreed |
| S5-236272 | Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14 | AsiaInfo, China Unicom | 28.538 | 0045 | - | Rel-18 | D | eECM | withdrawn |
| S5-236273 | Rel-18 CR TS 28.538 Adding SLA requirements in EASRequirements IOC | AsiaInfo, China Unicom | 28.538 | 0046 | - | Rel-18 | B | eECM | withdrawn |
| S5-236279 | Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14 | AsiaInfo, China Unicom | 28.538 | 0047 | - | Rel-18 | F | eECM | revised |
| S5-237087 | Rel-18 CR TS 28.538 Correct the errors in the requirement label in section 5.1.14 | AsiaInfo, China Unicom | 28.538 | 0047 | 1 | Rel-18 | F | eECM | agreed |
| S5-236280 | Adding SLA requirements in EASRequirements IOC | AsiaInfo, China Unicom | 28.538 | 0048 | - | Rel-18 | B | eECM | not pursued |
| S5-236401 | Correction on performance assurance | Huawei | 28.538 | 0049 | - | Rel-17 | F | ECM | revised |
| S5-237140 | Correction on performance assurance | Huawei | 28.538 | 0049 | 1 | Rel-17 | F | ECM | agreed |
| S5-236402 | Rel-18 CR 28.538 correction on Performance Assurance | Huawei | 28.538 | 0050 | - | Rel-18 | A | ECM | revised |
| S5-237141 | Rel-18 CR 28.538 correction on Performance Assurance | Huawei | 28.538 | 0050 | 1 | Rel-18 | A | ECM | agreed |
| S5-236590 | Rel-18 CR 28.541 User Data Access Stage-2 | Samsung R&D Institute India | 28.538 | 0051 | - | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236591 | Rel-18 CR 28.541 User Data Access Stage-3 | Samsung R&D Institute India | 28.538 | 0052 | - | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236801 | Correction of 5GC NF measurements to evaluate EAS performance | China Telecom, Huawei | 28.538 | 0053 | - | Rel-18 | A | ECM | agreed |
| S5-236805 | Correction of 5GC NF measurements to evaluate EAS performance | China Telecom, Huawei | 28.538 | 0054 | - | Rel-17 | F | ECM | agreed |
| S5-236332 | Rel-18 CR TS 28.541 Add NRM for network slice isolation | Nokia, Nokia Shanghai Bell, Telefonica | 28.541 | 0858 | 6 | Rel-18 | B | NSRULE | revised |
| S5-237083 | Rel-18 CR TS 28.541 Add NRM for network slice isolation | Nokia, Nokia Shanghai Bell, Telefonica | 28.541 | 0858 | 7 | Rel-18 | B | NSRULE | not pursued |
| S5-236688 | Rel-16 CR TS 28.541 Clarify the role of jitter as attribute in service profile | L.M. Ericsson Limited, Deutsche Telekom AG | 28.541 | 0934 | 1 | Rel-16 | F | MA5SLA | not pursued |
| S5-236689 | Rel-17 CT TS 28542 Clarify the role of jitter as attribute in service profile | L.M. Ericsson Limited, Deutsche Telekom AG | 28.541 | 0935 | 1 | Rel-17 | A | MA5SLA | not pursued |
| S5-236690 | Rel-18 CR TS 28.541 Clarify the role of jitter as attribute in service profile | L.M. Ericsson Limited, Deutsche Telekom AG | 28.541 | 0936 | 1 | Rel-18 | A | MA5SLA | not pursued |
| S5-236242 | TS28.541 Rel18 NRM enhancements for NRFFunction and AmfInfo and SmfInfo | Nokia, Nokia Shanghai Bell | 28.541 | 1018 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236243 | TS28.541 Rel18 NRM enhancements for UpfInfo and PcfInfo and NetInfo | Nokia, Nokia Shanghai Bell | 28.541 | 1019 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236244 | TS28.541 Rel18 NRM enhancements for MBUPFFunction | Nokia, Nokia Shanghai Bell | 28.541 | 1020 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236245 | TS28.541 Rel18 NRM enhancements for MBSMFFunction | Nokia, Nokia Shanghai Bell | 28.541 | 1021 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236246 | TS28.541 Rel18 NRM enhancements for class diagram | Nokia, Nokia Shanghai Bell | 28.541 | 1022 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236247 | TS28.541 Rel17 correction to stage3 of NROperatorCellDU containment | Nokia, Nokia Shanghai Bell | 28.541 | 1023 | - | Rel-17 | F | TEI17 | agreed |
| S5-236248 | TS28.541 Rel18 correction to stage3 of NROperatorCellDU containment | Nokia, Nokia Shanghai Bell | 28.541 | 1024 | - | Rel-18 | A | TEI17 | agreed |
| S5-236249 | TS28.541 Rel17 correction to NPNIdentity stage2 stage 3 issue | Nokia, Nokia Shanghai Bell | 28.541 | 1025 | - | Rel-17 | F | TEI17 | agreed |
| S5-236250 | TS28.541 Rel18 correction to NPNIdentity stage2 stage 3 issue | Nokia, Nokia Shanghai Bell | 28.541 | 1026 | - | Rel-18 | A | TEI17 | agreed |
| S5-236253 | TS28.541 Rel18 Move normative OpenAPI code to Forge | Nokia, Nokia Shanghai Bell, Ericsson | 28.541 | 1027 | - | Rel-18 | C | AdNRM\_ph2 | revised |
| S5-236962 | TS28.541 Rel18 Move normative OpenAPI code to Forge | Nokia, Nokia Shanghai Bell, Ericsson | 28.541 | 1027 | 1 | Rel-18 | C | AdNRM\_ph2 | agreed |
| S5-236257 | Rel-18 CR 28.541 Move normative YANG code to Forge | Ericsson India Private Limited | 28.541 | 1028 | - | Rel-18 | C | AdNRM\_ph2 | merged |
| S5-236316 | Rel-18 CR TS 28.541 Add YAML solution set for NRM for operator specific QoS model for RAN sharing | Huawei | 28.541 | 1029 | - | Rel-18 | B | MANS\_ph2 | agreed |
| S5-236317 | Rel-18 CR TS28.541 Udpate clause O.3 RAN Sharing usage recommendation | Huawei | 28.541 | 1030 | - | Rel-18 | F | MANS\_ph2 | agreed |
| S5-236318 | Rel-18 CR TS 28.541 Address EP\_F1 issue for MOCN RAN sharing scenario | Huawei | 28.541 | 1031 | - | Rel-18 | B | MANS\_ph2 | not pursued |
| S5-237109 | Rel-18 CR TS 28.541 Address EP\_F1 issue for MOCN RAN sharing scenario | Huawei | 28.541 | 1031 | 1 | Rel-18 | B | MANS\_ph2 | withdrawn |
| S5-236334 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute jitter | Nokia, Nokia Shanghai Bell, KDDI, TELUS | 28.541 | 1032 | - | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236335 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute availability | Nokia, Nokia Shanghai Bell, KDDI, TELUS | 28.541 | 1033 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236336 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute kPIMonitoring | Nokia, Nokia Shanghai Bell, KDDI, TELUS | 28.541 | 1034 | - | Rel-18 | B | AdNRM\_ph2 | revised |
| S5-237120 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute kPIMonitoring | Nokia, Nokia Shanghai Bell, KDDI, TELUS | 28.541 | 1034 | 1 | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236337 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute nBIoT | Nokia, Nokia Shanghai Bell, KDDI, TELUS | 28.541 | 1035 | - | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236338 | Rel-18 CR TS 28.541 Fix inconsitencies related to network slice SLA attribute maxDLDataVolume and maxULDataVolume | Nokia, Nokia Shanghai Bell, KDDI, TELUS | 28.541 | 1036 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236339 | Rel-18 CR TS 28.541 Add support for GSMA attribute for slice QoS | Nokia, Nokia Shanghai Bell | 28.541 | 1037 | - | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236340 | Rel-18 CR TS 28.541 Add support for GSMA attributes related to data networks | Nokia, Nokia Shanghai Bell | 28.541 | 1038 | - | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236344 | TS28.541 Rel16 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | 28.541 | 1039 | - | Rel-16 | F | TEI16 | revised |
| S5-237198 | TS28.541 Rel16 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | 28.541 | 1039 | 1 | Rel-16 | F | TEI16 | agreed |
| S5-236345 | TS28.541 Rel17 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | 28.541 | 1040 | - | Rel-17 | A | TEI16 | revised |
| S5-237199 | TS28.541 Rel17 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | 28.541 | 1040 | 1 | Rel-17 | A | TEI16 | agreed |
| S5-236346 | TS28.541 Rel18 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | 28.541 | 1041 | - | Rel-18 | A | TEI16 | revised |
| S5-237200 | TS28.541 Rel18 correction to data type property for aMFIdentifier & aMFSetId & aMFRegionId and sD | Nokia, Nokia Shanghai Bell | 28.541 | 1041 | 1 | Rel-18 | A | TEI16 | agreed |
| S5-236353 | Rel-17 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | 28.541 | 1042 | - | Rel-17 | F | TEI17 | revised |
| S5-237088 | Rel-17 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | 28.541 | 1042 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236355 | Rel-18 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | 28.541 | 1043 | - | Rel-18 | F | TEI18 | revised |
| S5-236947 | Rel-18 CR 28.541 YANG Corrections and inVariant | Ericsson India Private Limited | 28.541 | 1043 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236373 | Rel-17 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | 28.541 | 1044 | - | Rel-17 | F | adNRM | revised |
| S5-237149 | Rel-17 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | 28.541 | 1044 | 1 | Rel-17 | F | adNRM | agreed |
| S5-236374 | Rel-18 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | 28.541 | 1045 | - | Rel-18 | A | adNRM | revised |
| S5-237150 | Rel-18 CR TS 28.541 Correct issues for the attribute with the ENUM type for NR NRM fragment | Huawei | 28.541 | 1045 | 1 | Rel-18 | A | adNRM | agreed |
| S5-236382 | Rel-18 CR TS 28.541 Fix Slice NRM YAML definition for dLReliability and uLReliability | Nokia, Nokia Shanghai Bell | 28.541 | 1046 | - | Rel-18 | C | URLLC\_Mgt | agreed |
| S5-236465 | Rel-18 CR TS28.541 Remove the duplicated attributes | Huawei | 28.541 | 1047 | - | Rel-18 | F | OAM\_NTN | revised |
| S5-236837 | Rel-18 CR TS28.541 Remove the duplicated attributes | Huawei | 28.541 | 1047 | 1 | Rel-18 | F | OAM\_NTN | not pursued |
| S5-236524 | Rel-18 CR 28.541 Update recommended QoS model usage for Shared RAN (yang update) | Ericsson Inc. | 28.541 | 1048 | - | Rel-18 | C | MANS\_ph2 | revised |
| S5-237110 | Rel-18 CR 28.541 Update recommended QoS model usage for Shared RAN (yang update) | Ericsson Inc. | 28.541 | 1048 | 1 | Rel-18 | C | MANS\_ph2 | agreed |
| S5-236693 | Rel-18 CR TS 28.541 Add NRM solution for network slice sharing | L.M. Ericsson Limited, Deutsche Telekom AG | 28.541 | 1049 | - | Rel-18 | B | NSRULE | not pursued |
| S5-236798 | Correction of NEFFunction and Sliceprofile | Ericsson India Private Limited | 28.541 | 1050 | - | Rel-17 | F | TEI17 | withdrawn |
| S5-236799 | Correction of NEFFunction and Sliceprofile | Ericsson India Private Limited | 28.541 | 1051 | - | Rel-18 | A | TEI17 | withdrawn |
| S5-236856 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | 28.541 | 1052 | - | Rel-18 | B | URLLC\_Mgt | withdrawn |
| S5-236864 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | 28.541 | 1053 | - | Rel-18 | B | URLLC\_Mgt | withdrawn |
| S5-236866 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | 28.541 | 1054 | - | Rel-18 | B | URLLC\_Mgt | revised |
| S5-237112 | Rel-18 CR 28.541 Modify the attributes of UL and DL latency in RAN | China Unicom | 28.541 | 1054 | 1 | Rel-18 | B | URLLC\_Mgt | not pursued |
| S5-236868 | Add DNN to ServiceProfile and SliceProfile | Nokia, Nokia Shanghai Bell | 28.541 | 1055 | - | Rel-18 | C | AdNRM\_ph2 | withdrawn |
| S5-236869 | Rel-18 CR TS 28.541 Add slice validity info to ServiceProfile | Samsung R&D Institute UK | 28.541 | 1056 | - | Rel-18 | B | AdNRM\_ph2 | revised |
| S5-236969 | Rel-18 CR TS 28.541 Add slice validity info to ServiceProfile | Samsung R&D Institute UK | 28.541 | 1056 | 1 | Rel-18 | B | AdNRM\_ph2 | not pursued |
| S5-236356 | Rel-15 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | 28.550 | 0080 | - | Rel-15 | F | TEI15 | revised |
| S5-237155 | Rel-15 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | 28.550 | 0080 | 1 | Rel-15 | F | TEI15 | agreed |
| S5-236357 | Rel-16 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | 28.550 | 0081 | - | Rel-16 | A | TEI15 | revised |
| S5-237156 | Rel-16 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | 28.550 | 0081 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-236358 | Rel-17 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | 28.550 | 0082 | - | Rel-17 | A | TEI15 | revised |
| S5-237157 | Rel-17 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | 28.550 | 0082 | 1 | Rel-17 | A | TEI15 | agreed |
| S5-236359 | Rel-18 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir | 28.550 | 0083 | - | Rel-18 | A | TEI15 | revised |
| S5-237158 | Rel-18 CR TS 28.550 Removal of updateStreamInfo operation | Nokia, Nokia Shanghai Bell, Intel, Mavenir,Ericsson | 28.550 | 0083 | 1 | Rel-18 | A | TEI15 | agreed |
| S5-236372 | Rel-18 CR TS 28.552 Addition of measurements related to Number of successful RRC connection setups in relation to the time between successful RRC connection setup and last RRC connection release | Nokia, Nokia Shangai Bell | 28.552 | 0463 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-236965 | Rel-18 CR TS 28.552 Addition of measurements related to Number of successful RRC connection setups in relation to the time between successful RRC connection setup and last RRC connection release | Nokia, Nokia Shangai Bell | 28.552 | 0463 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | not pursued |
| S5-236375 | Measurements for cell service status for energy utilities | Samsung, EUTC, Deutsche Telekom, EDF | 28.552 | 0464 | - | Rel-18 | B | NSOEU | not treated |
| S5-236447 | Rel-18 CR TS 28.552 Add DL/UL PRB Usage per SSB to support AI/ML enabled NG-RAN | China Telecomunication Corp., Intel | 28.552 | 0465 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-236967 | Rel-18 CR TS 28.552 Add DL/UL PRB Usage per SSB to support AI/ML enabled NG-RAN | China Telecomunication Corp., Intel | 28.552 | 0465 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | agreed |
| S5-236448 | Rel-18 CR TS 28.552 Update DL/UL PRB Usage per cell to support AI/ML enabled NG-RAN | China Telecom Corporation Ltd.,Intel | 28.552 | 0466 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-236968 | Rel-18 CR TS 28.552 Update DL/UL PRB Usage per cell to support AI/ML enabled NG-RAN | China Telecom Corporation Ltd.,Intel | 28.552 | 0466 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | agreed |
| S5-236468 | Rel-18 CR TS 28.552 Add measurements for NG-RAN Initiated paging sent by gNB-CU | China Telecomunication Corp., ZTE | 28.552 | 0467 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | agreed |
| S5-236593 | Rel-18 CR TS 28.552 Adapt the Average delay DL air-interface measurement and Distribution of delay DL air-interface measurement to support cases for MEO and GEO satellite links | China Unicom | 28.552 | 0468 | - | Rel-18 | C | OAM\_NTN | revised |
| S5-237101 | Rel-18 CR TS 28.552 Adapt the Average delay DL air-interface measurement and Distribution of delay DL air-interface measurement to support cases for MEO and GEO satellite links | China Unicom | 28.552 | 0468 | 1 | Rel-18 | C | OAM\_NTN | agreed |
| S5-236642 | Rel-18 CR 28.552 Add use case on NWDAF ML model related measurements | Nokia, Nokia Shanghai Bell | 28.552 | 0469 | - | Rel-18 | B | MANWDAF | revised |
| S5-236960 | Rel-18 CR 28.552 Add use case on NWDAF ML model related monitoring | Nokia, Nokia Shanghai Bell | 28.552 | 0469 | 1 | Rel-18 | B | MANWDAF | agreed |
| S5-236644 | Rel-18 CR 28.552 Add measurements related to number of ML models in NWDAF | Nokia, Nokia Shanghai Bell | 28.552 | 0470 | - | Rel-18 | B | MANWDAF | not pursued |
| S5-236645 | Rel-18 CR 28.552 Add measurements related to size of ML models in NWDAF | Nokia, Nokia Shanghai Bell | 28.552 | 0471 | - | Rel-18 | B | MANWDAF | not pursued |
| S5-236646 | Rel-18 CR 28.552 Add measurements related to usage of ML models in NWDAF | Nokia, Nokia Shanghai Bell | 28.552 | 0472 | - | Rel-18 | B | MANWDAF | revised |
| S5-237165 | Rel-18 CR 28.552 Add measurements related to usage of ML models in NWDAF | Nokia, Nokia Shanghai Bell | 28.552 | 0472 | 1 | Rel-18 | B | MANWDAF | agreed |
| S5-236647 | Rel-18 CR 28.552 Update use case on coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | 28.552 | 0473 | - | Rel-18 | B | MANWDAF | not pursued |
| S5-236658 | Rel-18 CR 28.552 Update measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | 28.552 | 0474 | - | Rel-18 | C | MANWDAF | revised |
| S5-236959 | Rel-18 CR 28.552 Update measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | 28.552 | 0474 | 1 | Rel-18 | C | MANWDAF | agreed |
| S5-236659 | Rel-18 CR 28.552 Add new measurements related to coordination among multiple NWDAFs | Nokia, Nokia Shanghai Bell | 28.552 | 0475 | - | Rel-18 | B | MANWDAF | not pursued |
| S5-236662 | Rel-18 CR 28.552 Removing duplicate clauses for measurements related to NWDAF data collection | Nokia, Nokia Shanghai Bell | 28.552 | 0476 | - | Rel-18 | D | MANWDAF | revised |
| S5-236957 | Rel-18 CR 28.552 Removing duplicate clauses for measurements related to NWDAF data collection | Nokia, Nokia Shanghai Bell,China Telecom | 28.552 | 0476 | 1 | Rel-18 | D | MANWDAF | agreed |
| S5-236749 | Rel-17 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | 28.552 | 0477 | - | Rel-17 | F | ePM\_KPI\_5G | revised |
| S5-237160 | Rel-17 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | 28.552 | 0477 | 1 | Rel-17 | F | ePM\_KPI\_5G | agreed |
| S5-236750 | Rel-18 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | 28.552 | 0478 | - | Rel-18 | A | ePM\_KPI\_5G | revised |
| S5-237161 | Rel-18 CR 28.552 Correction of PDSCH MCS distribution measurement | China Unicom | 28.552 | 0478 | 1 | Rel-18 | A | ePM\_KPI\_5G | agreed |
| S5-236756 | Rel-18 CR 28.552 Add formula for packet success rate measurement | China Unicom,Ericsson | 28.552 | 0479 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | not pursued |
| S5-236757 | Rel-18 TS 28.552 Add new measurement for average value of Timing Advance per UE | China Unicom | 28.552 | 0480 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-236964 | Rel-18 TS 28.552 Add new measurement for average value of Timing Advance per UE | China Unicom | 28.552 | 0480 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | not pursued |
| S5-236767 | Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario | S5 | 28.552 | 0481 | - | Rel-18 | B | MANS\_ph2 | withdrawn |
| S5-236772 | Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario | China Unicom | 28.552 | 0482 | - | Rel-18 | B | MANS\_ph2 | revised |
| S5-237111 | Rel-18 CR TS 28.552 Add PLMN granularity for performance measurements for NG-RAN MOCN network sharing scenario | China Unicom | 28.552 | 0482 | 1 | Rel-18 | B | MANS\_ph2 | agreed |
| S5-236783 | Rel-17 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | 28.552 | 0483 | - | Rel-17 | F | ePM\_KPI\_5G | revised |
| S5-237142 | Rel-17 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | 28.552 | 0483 | 1 | Rel-17 | A | TEI15 | agreed |
| S5-236784 | Rel-18 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | 28.552 | 0484 | - | Rel-18 | A | ePM\_KPI\_5G | revised |
| S5-237143 | Rel-18 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | 28.552 | 0484 | 1 | Rel-18 | A | TEI15 | agreed |
| S5-236785 | Rel-18 CR TS28.552 Add Total number of DL PDCP SDU Packets in gNB-CU-UP for split gNB deployment scenario | ZTE Corporation | 28.552 | 0485 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-237104 | Rel-18 CR TS28.552 Add Total number of DL PDCP SDU Packets in gNB-CU-UP for split gNB deployment scenario | ZTE Corporation | 28.552 | 0485 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | agreed |
| S5-236786 | Rel-18 CR TS28.552 Add Total number of DL RLC SDU Packets in gNB-DU for split gNB deployment scenario | ZTE Corporation | 28.552 | 0486 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-237105 | Rel-18 CR TS28.552 Add Total number of DL RLC SDU Packets in gNB-DU for split gNB deployment scenario | ZTE Corporation | 28.552 | 0486 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | agreed |
| S5-236815 | Update Performance measurements for NWDAF | China Telecom | 28.552 | 0487 | - | Rel-18 | F | MANWDAF | merged |
| S5-236877 | Rel-18 CR TS28.552 editorial Corrections | ZTE Corporation | 28.552 | 0488 | - | Rel-18 | D | TEI18 | agreed |
| S5-237167 | Rel-15 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | 28.552 | 0489 | - | Rel-15 | F | TEI15 | withdrawn |
| S5-237168 | Rel-16 CR TS28.552 Fix Packet Drop Rate | ZTE Corporation | 28.552 | 0490 | - | Rel-16 | F | TEI16 | agreed |
| S5-236376 | PI for cell and network availability for energy utilities | Samsung, EUTC, EDF, Deutsche Telekom | 28.554 | 0145 | - | Rel-18 | B | NSOEU | not treated |
| S5-236595 | Rel-18 CR TS 28.554 Adapt the Downlink delay in NG-RAN and gNB-DU to support cases for MEO and GEO satellite links | China Unicom | 28.554 | 0146 | - | Rel-18 | C | OAM\_NTN | revised |
| S5-237102 | Rel-18 CR TS 28.554 Adapt the Downlink delay in NG-RAN and gNB-DU to support cases for MEO and GEO satellite links | China Unicom | 28.554 | 0146 | 1 | Rel-18 | C | OAM\_NTN | agreed |
| S5-236751 | Rel-18 CR 28.554 Add new KPI on air-interface efficiency based on MCS | China Unicom | 28.554 | 0147 | - | Rel-18 | B | PM\_KPI\_5G\_Ph3 | revised |
| S5-237117 | Rel-18 CR 28.554 Add new KPI on air-interface efficiency based on MCS | China Unicom | 28.554 | 0147 | 1 | Rel-18 | B | PM\_KPI\_5G\_Ph3 | agreed |
| S5-236780 | Rel-18 CR TS 28.554 Correction Utilization KPI definition of PDU session establishment time of network slice | China Mobile | 28.554 | 0148 | - | Rel-18 | F | PM\_KPI\_5G\_Ph3 | not pursued |
| S5-236855 | Rel-18 Add KPI on Energy Efficiency of URLLC Network Slice based on reliability | China Unicom, Ericsson | 28.554 | 0149 | - | Rel-18 | B | EE5GPLUS\_Ph2 | withdrawn |
| S5-236857 | Rel-18 CR 28.554 Add new KPI on DL reliability with delay threshold in RAN | China Unicom | 28.554 | 0150 | - | Rel-18 | B | URLLC\_Mgt | withdrawn |
| S5-236863 | Rel-18 Add KPI on Energy Efficiency of URLLC Network Slice based on reliability | China Unicom, Ericsson | 28.554 | 0151 | - | Rel-18 | B | EE5GPLUS\_Ph2 | not pursued |
| S5-236865 | Rel-18 CR 28.554 Add new KPI on DL reliability with delay threshold in RAN | China Unicom | 28.554 | 0152 | - | Rel-18 | B | URLLC\_Mgt | not pursued |
| S5-236872 | Rel-18 CR TS 28.554 KPI for EE of URLLC NS based on its reliability | Samsung Electronics Czech | 28.554 | 0153 | - | Rel-18 | B | EE5GPLUS\_Ph2 | not treated |
| S5-236419 | Rel-18 CR TS 28.557 Add use case and requirements for dedicated resource demand for Smart Grid Utilities | Huawei | 28.557 | 0006 | - | Rel-18 | B | OAM\_NPN\_Ph2 | revised |
| S5-236943 | Rel-18 CR TS 28.557 Add use case and requirements for dedicated resource demand for Smart Grid Utilities | Huawei | 28.557 | 0006 | 1 | Rel-18 | B | OAM\_NPN\_Ph2 | not pursued |
| S5-236420 | Rel-18 CR TS 28.557 Add use case and requirements for SLA monitoring and assurance | Huawei | 28.557 | 0007 | - | Rel-18 | B | OAM\_NPN\_Ph2 | revised |
| S5-236942 | Rel-18 CR TS 28.557 Add use case and requirements for SLA monitoring and assurance | Huawei | 28.557 | 0007 | 1 | Rel-18 | B | OAM\_NPN\_Ph2 | agreed |
| S5-236362 | Rel-18 CR TS 28.622 Aligning ReportAmount LTE parameters with ImmediateMDT datatype | Nokia, Nokia Shanghai Bell | 28.622 | 0287 | - | Rel-18 | F | 5GMDT\_Ph2 | agreed |
| S5-236363 | Rel-18 CR TS 28.622 Report Amount parameter in NR | Nokia, Nokia Shangai Bell | 28.622 | 0288 | - | Rel-18 | B | 5GMDT\_Ph2 | agreed |
| S5-236377 | NRM enhancements to support Energy utility and telecommunication coordinated rapid recovery of energy service | Samsung, EUTC, EDF, Deutsche Telekom | 28.622 | 0289 | - | Rel-18 | B | NSOEU | not treated |
| S5-236378 | NRM enhancements to support Network Performance Monitoring for Energy utilities | Samsung, EUTC, EDF, Deutsche Telekom | 28.622 | 0290 | - | Rel-18 | B | NSOEU | not treated |
| S5-236421 | Rel-18 CR 28.622 Add energy saving attributes to IOC ManagedFunction | Huawei | 28.622 | 0291 | - | Rel-18 | B | EE5GPLUS | not pursued |
| S5-236527 | Rel-17 CR 28.622 Clarify MnS scope value for Managed Elements | Ericsson Inc. | 28.622 | 0292 | - | Rel-17 | F | 5GDMS | agreed |
| S5-236529 | Rel-18 CR 28.622 Clarify MnS scope value for Managed Elements | Ericsson Inc. | 28.622 | 0293 | - | Rel-18 | A | 5GDMS | agreed |
| S5-236534 | Rel-16 CR 28.622 Clarify HeartbeatControl IOC definition | Ericsson Inc. | 28.622 | 0294 | - | Rel-16 | F | TEI16 | not pursued |
| S5-236535 | Rel-17 CR 28.622 Clarify HeartbeatControl IOC definition | Ericsson Inc. | 28.622 | 0295 | - | Rel-17 | A | TEI16 | not pursued |
| S5-236536 | Rel-18 CR 28.622 Clarify HeartbeatControl IOC definition | Ericsson Inc. | 28.622 | 0296 | - | Rel-18 | A | TEI16 | not pursued |
| S5-236574 | Rel-18 CR 28.622 Add NRM fragment for scheduler and condition monitor (stage 2) | Nokia, Nokia Shanghai Bell | 28.622 | 0297 | - | Rel-18 | B | AdNRM\_ph2 | revised |
| S5-236970 | Rel-18 CR 28.622 Add NRM fragment for scheduler and condition monitor (stage 2) | Nokia, Nokia Shanghai Bell | 28.622 | 0297 | 1 | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236743 | Rel-16 CR 28.622 Correction of IOC ManagedNFService attribute values | Ericsson Limited | 28.622 | 0298 | - | Rel-16 | F | TEI16 | agreed |
| S5-236744 | Rel-17 CR 28.622 Correction of IOC ManagedNFService attribute values | Ericsson Limited | 28.622 | 0299 | - | Rel-17 | A | TEI16 | agreed |
| S5-236745 | Rel-18 CR 28.622 Correction of IOC ManagedNFService attribute values | Ericsson Limited | 28.622 | 0300 | - | Rel-18 | A | TEI16 | agreed |
| S5-236843 | Rel-17 CR 28.622 h70 NodeFilter | Nokia | 28.622 | 0301 | - | Rel-17 | F | TEI17 | withdrawn |
| S5-236844 | Rel-18 CR 28.622 i40 NodeFilter | Nokia | 28.622 | 0302 | - | Rel-18 | A | TEI17 | withdrawn |
| S5-236845 | Rel-17 CR 28.622 h70 MDC | Nokia | 28.622 | 0303 | - | Rel-17 | F | TEI17 | withdrawn |
| S5-236846 | Rel-18 CR 28.622 i40 MDC | Nokia | 28.622 | 0304 | - | Rel-18 | A | TEI17 | withdrawn |
| S5-236867 | Rel-18 CR 28.622 Explicit target of CM operations | Nokia, Nokia Shanghai Bell | 28.622 | 0305 | - | Rel-18 | C | AdNRM\_ph2 | not pursued |
| S5-237135 | Rel-18 CR 28.622 Explicit target of CM operations | Nokia, Nokia Shanghai Bell | 28.622 | 0305 | 1 | Rel-18 | C | AdNRM\_ph2 | withdrawn |
| S5-236320 | Rel-18 CR TS 28.623 separate yaml file for different control NRM fragment | Huawei | 28.623 | 0251 | 3 | Rel-18 | C | AdNRM\_ph2 | not pursued |
| S5-236251 | TS28.623 Rel18 OpenAPI SS for QMCJob | Nokia, Nokia Shanghai Bell | 28.623 | 0267 | - | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236252 | TS28.623 Rel18 OpenAPI SS for SupportedNotifications | Nokia, Nokia Shanghai Bell | 28.623 | 0268 | - | Rel-18 | B | eSBMA | agreed |
| S5-236261 | Rel-18 CR 28.623 Move normative YANG code to Forge | Ericsson India Private Limited | 28.623 | 0269 | - | Rel-18 | C | AdNRM\_ph2 | revised |
| S5-236963 | Rel-18 CR 28.623 Move normative YANG and YAML code to Forge | Ericsson India Private Limited | 28.623 | 0269 | 1 | Rel-18 | C | AdNRM\_ph2 | agreed |
| S5-236352 | Rel-17 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | 28.623 | 0270 | - | Rel-17 | F | TEI17 | revised |
| S5-237147 | Rel-17 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | 28.623 | 0270 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236354 | Rel-18 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | 28.623 | 0271 | - | Rel-18 | F | TEI18 | revised |
| S5-237148 | Rel-18 CR 28.623 YANG Corrections and inVariant | Ericsson India Private Limited | 28.623 | 0271 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236364 | Rel-18 CR TS 28.623 Stage 3 Report Amount parameter in NR | Nokia, Nokia Shangai Bell | 28.623 | 0272 | - | Rel-18 | B | 5GMDT\_Ph2 | agreed |
| S5-236369 | Rel-17 CR TS 28.623 Stage 3 Correction of ExcessPacketDelayThreshold definition | Nokia, Nokia Shangai Bell | 28.623 | 0273 | - | Rel-17 | F | TEI17 | agreed |
| S5-236370 | Rel-18 CR TS 28.623 Stage 3 Correction of ExcessPacketDelayThreshold definition | Nokia, Nokia Shangai Bell | 28.623 | 0274 | - | Rel-18 | A | TEI17 | agreed |
| S5-236422 | Rel-18 CR 28.623 Add energy saving attributes to IOC ManagedFunction | Huawei | 28.623 | 0275 | - | Rel-18 | B | EE5GPLUS | not pursued |
| S5-236450 | Rel18 TS28.623 Add NRM fragments for scheduler and condition monitor (OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.623 | 0276 | - | Rel-18 | B | AdNRM\_ph2 | revised |
| S5-237119 | Rel18 TS28.623 Add NRM fragments for scheduler and condition monitor (OpenAPI definition) | Nokia, Nokia Shanghai Bell | 28.623 | 0276 | 1 | Rel-18 | B | AdNRM\_ph2 | agreed |
| S5-236528 | Rel-17 CR 28.623 Clarify MnS scope value for Managed Elements (stage3, yang) | Ericsson Inc. | 28.623 | 0277 | - | Rel-17 | F | 5GDMS | agreed |
| S5-236530 | Rel-18 CR 28.623 Clarify MnS scope value for Managed Elements (stage3, yang) | Ericsson Inc. | 28.623 | 0278 | - | Rel-18 | A | 5GDMS | agreed |
| S5-236531 | Rel-17 CR 28.623 Clarify HeartBeatControl IOC definition (stage3, yang) | Ericsson Inc. | 28.623 | 0279 | - | Rel-17 | A | 5GDMS | not pursued |
| S5-236532 | Rel-16 CR 28.623 Clarify HeartbeatControl IOC definition (stage3, yang) | Ericsson Inc. | 28.623 | 0280 | - | Rel-16 | F | TEI16 | not pursued |
| S5-236533 | Rel-18 CR 28.623 Clarify HeartbeatControl IOC definition (stage3, yang) | Ericsson Inc. | 28.623 | 0281 | - | Rel-18 | A | TEI16 | not pursued |
| S5-236752 | Add requirement for IOT-NTN management | CATT | 28.657 | 0009 | - | Rel-18 | B | OAM\_NTN | revised |
| S5-237099 | Add requirement for IOT-NTN management | CATT | 28.657 | 0009 | 1 | Rel-18 | B | OAM\_NTN | agreed |
| S5-236753 | Add NRM Info Model definitions for IOT-NTN management | CATT | 28.658 | 0063 | - | Rel-18 | B | OAM\_NTN | revised |
| S5-237100 | Add NRM Info Model definitions for IOT-NTN management | CATT | 28.658 | 0063 | 1 | Rel-18 | B | OAM\_NTN | agreed |
| S5-236754 | Add NRM solution set definitions for IOT-NTN management | CATT | 28.659 | 0041 | - | Rel-18 | B | OAM\_NTN | agreed |
| S5-236605 | Editorial correction | Huawei | 28.839 | 0001 | - | Rel-18 | F | TEI18 | agreed |
| S5-236606 | Editorial correction | Huawei | 28.843 | 0001 | - | Rel-18 | F | TEI18 | agreed |
| S5-236315 | Rel-18 CR TS 32.156 Supplement the specification for establishing a relationship between <<dataType>> and model elements in UML class diagram | China Mobile Com. Corporation | 32.156 | 0075 | - | Rel-18 | F | TEI18 | revised |
| S5-237121 | Rel-18 CR TS 32.156 Supplement the specification for establishing a relationship between <<dataType>> and model elements in UML class diagram | China Mobile Com. Corporation | 32.156 | 0075 | 1 | Rel-18 | F | TEI18 | not pursued |
| S5-236464 | Rel-15 CR TS 32.156 Clarifying Terminology | Ericsson Limited | 32.156 | 0076 | - | Rel-15 | F | TEI15 | revised |
| S5-237151 | Rel-15 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | 32.156 | 0076 | 1 | Rel-15 | F | TEI15 | agreed |
| S5-236466 | Rel-16 CR TS 32.156 Clarifying Terminology | Ericsson Limited | 32.156 | 0077 | - | Rel-16 | A | TEI15 | revised |
| S5-237152 | Rel-16 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | 32.156 | 0077 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-236467 | Rel-17 CR TS 32.156 Clarifying Terminology | Ericsson Limited | 32.156 | 0078 | - | Rel-17 | A | TEI15 | revised |
| S5-237153 | Rel-17 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | 32.156 | 0078 | 1 | Rel-17 | A | TEI15 | agreed |
| S5-236470 | Rel-18 CR TS 32.156 Clarifying Terminology | Ericsson Limited | 32.156 | 0079 | - | Rel-18 | A | TEI15 | revised |
| S5-237154 | Rel-18 CR TS 32.156 Clarifying Terminology | Ericsson, Nokia, Huawei | 32.156 | 0079 | 1 | Rel-18 | A | TEI15 | agreed |
| S5-236526 | Rel-17 32.158 Clarify mapping of DNs to URIs | Ericsson Inc. | 32.156 | 0080 | - | Rel-17 | A | TEI16, REST\_SS | not pursued |
| S5-236571 | Rel-17 CR 32.156 Add missing definition of node | Nokia, Nokia Shanghai Bell | 32.156 | 0081 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236573 | Rel-18 CR 32.156 Add missing definition of node | Nokia, Nokia Shanghai Bell | 32.156 | 0082 | - | Rel-18 | F | TEI18 | revised |
| S5-237201 | Rel-18 CR 32.156 Add missing definition of node | Nokia, Nokia Shanghai Bell | 32.156 | 0082 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236824 | Moving IOC/MOC info from 32.300 | Ericsson | 32.156 | 0083 | - | Rel-18 | C | eSBMA | not pursued |
| S5-236525 | Rel-16 32.158 Clarify mapping of DNs to URIs | Ericsson Inc. | 32.158 | 0117 | - | Rel-16 | F | TEI16, REST\_SS | not pursued |
| S5-236259 | Rel17 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | 32.160 | 0043 | - | Rel-17 | F | TEI17 | revised |
| S5-237081 | Rel17 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | 32.160 | 0043 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236260 | Rel18 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | 32.160 | 0044 | - | Rel-18 | A | TEI17 | revised |
| S5-237144 | Rel18 CR 32.160 Correct YANG mapping of isInvariant | Ericsson India Private Limited | 32.160 | 0044 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236262 | Rel-17 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | 32.160 | 0045 | - | Rel-17 | F | TEI17 | revised |
| S5-237145 | Rel-17 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | 32.160 | 0045 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236263 | Rel-18 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | 32.160 | 0046 | - | Rel-18 | A | TEI17 | revised |
| S5-237146 | Rel-18 CR 32.160 Clarify YANG Vendor extensions | Ericsson India Private Limited | 32.160 | 0046 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236283 | Rel-18 CR 32.240 Introduce Reference Point for NSACF | MATRIXX Software | 32.240 | 0471 | - | Rel-18 | B | NETSLICE\_CH\_Ph2 | withdrawn |
| S5-236290 | Rel-18 CR 32.240 Introduce Reference Point for NSSAAF | MATRIXX Software | 32.240 | 0472 | - | Rel-18 | B | NSSAA\_CH | withdrawn |
| S5-236628 | Add charging support for TSN service | Huawei | 32.240 | 0473 | - | Rel-18 | B | TSN\_CH | revised |
| S5-236975 | Add charging support for TSN service | Huawei | 32.240 | 0473 | 1 | Rel-18 | B | TSN\_CH | agreed |
| S5-236630 | Add annex for B2B charging | Huawei | 32.240 | 0474 | - | Rel-18 | B | B2B\_CH | revised |
| S5-236977 | Add annex for B2B charging | Huawei | 32.240 | 0474 | 1 | Rel-18 | B | B2B\_CH | agreed |
| S5-236631 | Update B2B charging principles | Huawei | 32.240 | 0475 | - | Rel-18 | B | B2B\_CH | revised |
| S5-236978 | Update B2B charging principles | Huawei | 32.240 | 0475 | 1 | Rel-18 | B | B2B\_CH | agreed |
| S5-236724 | Rel-18 CR 32.240 Addition of CHF as consumer in LBO architecture | Ericsson | 32.240 | 0476 | - | Rel-18 | B | CHRACHF | revised |
| S5-236980 | Rel-18 CR 32.240 Addition of CHF as consumer in LBO architecture | Ericsson | 32.240 | 0476 | 1 | Rel-18 | B | CHRACHF | agreed |
| S5-236599 | Remove the triggers in charging data message | Huawei | 32.254 | 0033 | - | Rel-18 | F | TEI18 | not pursued |
| S5-236325 | Add CHF selection mechanism for MB-SMF | China Mobile Com. Corporation, Huawei | 32.255 | 0437 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236326 | Add basic principles for MBS session charging | China Mobile Com. Corporation, Huawei | 32.255 | 0438 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236327 | Add 5MBS CDR genartion requirements | China Mobile Com. Corporation, Huawei | 32.255 | 0439 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236499 | Add charging description for 5G data connectivity via satellite access | CATT | 32.255 | 0440 | - | Rel-18 | B | 5GSAT\_Ph2\_CH | revised |
| S5-236994 | Add charging description for 5G data connectivity via satellite access | CATT | 32.255 | 0440 | 1 | Rel-18 | B | 5GSAT\_Ph2\_CH | agreed |
| S5-236552 | MBS Charging Data Request and Response Messages | Nokia. Nokia Shanghai Bell | 32.255 | 0441 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236553 | MBS Tariff change trigger and charging event | Nokia. Nokia Shanghai Bell | 32.255 | 0442 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236607 | Rel-18 CR 32.255 Clarification on roaming charging profile | Huawei | 32.255 | 0443 | - | Rel-18 | F | TEI18 | revised |
| S5-237029 | Rel-18 CR 32.255 Clarification on roaming charging profile | Huawei | 32.255 | 0443 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236608 | Update the roaming charging profile transfer | Huawei | 32.255 | 0444 | - | Rel-18 | F | TEI18 | revised |
| S5-237030 | Update the roaming charging profile transfer | Huawei | 32.255 | 0444 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236609 | Clarification on QBC triggers | Huawei | 32.255 | 0445 | - | Rel-18 | F | TEI18 | revised |
| S5-237031 | Clarification on QBC triggers | Huawei | 32.255 | 0445 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236610 | Clarification on message flow of home routed charging | Huawei | 32.255 | 0446 | - | Rel-18 | F | TEI18 | not pursued |
| S5-236613 | Addition of the charging principle for SNPN charging | Huawei, China Mobile | 32.255 | 0447 | - | Rel-18 | B | eNPN\_CH | revised |
| S5-236908 | Addition of the charging principle for SNPN charging | Huawei, China Mobile | 32.255 | 0447 | 1 | Rel-18 | B | eNPN\_CH | agreed |
| S5-236616 | Clarification on reference point between MB-SMF and the CHF and MBS charging ID | Huawei | 32.255 | 0448 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236617 | Add PDU session charging procedures for multicast communication | Huawei | 32.255 | 0449 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236618 | Add 5G MBS charging procedure for multicast and broadcast communication creation and deletion | Huawei | 32.255 | 0450 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236619 | Add 5G MBS charging procedure of broadcast session establishment | Huawei | 32.255 | 0451 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236620 | Add 5G MBS charging procedure of shared and individual delivery establishment for multicast | Huawei | 32.255 | 0452 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236621 | Add 5G MBS charging information definition | Huawei | 32.255 | 0453 | - | Rel-18 | B | 5MBS\_CH | not pursued |
| S5-236629 | Add architecture and principles for TSC traffic charging | Huawei | 32.255 | 0454 | - | Rel-18 | B | TSN\_CH | revised |
| S5-236976 | Add architecture and principles for TSC traffic charging | Huawei | 32.255 | 0454 | 1 | Rel-18 | B | TSN\_CH | agreed |
| S5-236633 | Add CHF to CHF interaction in LBO roaming scenario | Huawei | 32.255 | 0455 | - | Rel-18 | B | CHRACHF | merged |
| S5-236635 | Add charging support for 5G data connectivity via satellite access | Huawei | 32.255 | 0456 | - | Rel-18 | B | 5GSAT\_Ph2\_CH | merged |
| S5-236700 | Rel-17 CR 32.255 Correction of record opening time | Ericsson | 32.255 | 0457 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236701 | Rel-18 CR 32.255 Correction of record opening time | Ericsson | 32.255 | 0458 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236706 | Rel-17 CR 32.255 Correction of invocation timestamp | Ericsson | 32.255 | 0459 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236707 | Rel-18 CR 32.255 Correction of invocation timestamp | Ericsson | 32.255 | 0460 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236712 | Rel-17 CR 32.255 Correction of event time stamp and service specific units in CDR | Ericsson | 32.255 | 0461 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236713 | Rel-18 CR 32.255 Correction of event time stamp and service specific units in CDR | Ericsson | 32.255 | 0462 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236714 | Rel-17 CR 32.255 Correction of management trigger | Ericsson | 32.255 | 0463 | - | Rel-17 | F | TEI17 | revised |
| S5-237021 | Rel-17 CR 32.255 Correction of management trigger | Ericsson | 32.255 | 0463 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236715 | Rel-18 CR 32.255 Correction of management trigger | Ericsson | 32.255 | 0464 | - | Rel-18 | A | TEI17 | revised |
| S5-237022 | Rel-18 CR 32.255 Correction of management trigger | Ericsson | 32.255 | 0464 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236716 | Rel-17 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.255 | 0465 | - | Rel-17 | F | TEI17 | revised |
| S5-237023 | Rel-17 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.255 | 0465 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236717 | Rel-18 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.255 | 0466 | - | Rel-18 | A | TEI17 | revised |
| S5-237024 | Rel-18 CR 32.255 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.255 | 0466 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236725 | Rel-18 CR 32.255 Addition of CHF as consumer in LBO architecture | Ericsson | 32.255 | 0467 | - | Rel-18 | B | CHRACHF | revised |
| S5-236981 | Rel-18 CR 32.255 Addition of CHF as consumer in LBO architecture | Ericsson | 32.255 | 0467 | 1 | Rel-18 | B | CHRACHF | agreed |
| S5-236414 | Rel-18 CR 32.256 Addition of end user charging for PNI-NPN network usage of access | China Mobile | 32.256 | 0015 | - | Rel-18 | B | eNPN\_CH | revised |
| S5-236906 | Rel-18 CR 32.256 Addition of end user charging for PNI-NPN network usage of access | China Mobile | 32.256 | 0015 | 1 | Rel-18 | B | eNPN\_CH | agreed |
| S5-236415 | Rel-18 CR 32.256 Addition of end user charging for SNPN network usage of access | China Mobile | 32.256 | 0016 | - | Rel-18 | B | eNPN\_CH | revised |
| S5-236907 | Rel-18 CR 32.256 Addition of end user charging for SNPN network usage of access | China Mobile | 32.256 | 0016 | 1 | Rel-18 | B | eNPN\_CH | agreed |
| S5-236600 | Remove the triggers in charging data message | Huawei | 32.256 | 0017 | - | Rel-18 | F | TEI18 | not pursued |
| S5-236602 | Correction on triggers for AMF charging | Huawei | 32.256 | 0018 | - | Rel-16 | F | TEI16 | not pursued |
| S5-236603 | Correction on triggers for AMF charging | Huawei | 32.256 | 0019 | - | Rel-17 | A | TEI16 | revised |
| S5-237019 | Correction on triggers for AMF charging | Huawei | 32.256 | 0019 | 1 | Rel-17 | A | TEI16 | agreed |
| S5-236604 | Correction on triggers for AMF charging | Huawei | 32.256 | 0020 | - | Rel-18 | A | TEI16 | revised |
| S5-237020 | Correction on triggers for AMF charging | Huawei | 32.256 | 0020 | 1 | Rel-18 | A | TEI16 | agreed |
| S5-236636 | Add charging support for 5G connection via satellite access | Huawei | 32.256 | 0021 | - | Rel-18 | B | 5GSAT\_Ph2\_CH | revised |
| S5-236995 | Add charging support for 5G connection via satellite access | Huawei | 32.256 | 0021 | 1 | Rel-18 | B | 5GSAT\_Ph2\_CH | agreed |
| S5-236726 | Rel-18 CR 32.256 Addition of CHF as consumer in LBO architecture | Ericsson | 32.256 | 0022 | - | Rel-18 | B | CHRACHF | revised |
| S5-236982 | Rel-18 CR 32.256 Addition of CHF as consumer in LBO architecture | Ericsson | 32.256 | 0022 | 1 | Rel-18 | B | CHRACHF | agreed |
| S5-236601 | Remove the triggers in charging data message | Huawei | 32.257 | 0010 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236383 | Rel-18 CR TS 32.260 IMS data channel duration-based charging termination process | Nokia, Nokia Shanghai Bell | 32.260 | 0432 | - | Rel-18 | F | IDC\_CH | revised |
| S5-236909 | Rel-18 CR TS 32.260 IMS data channel duration-based charging termination process | Nokia, Nokia Shanghai Bell | 32.260 | 0432 | 1 | Rel-18 | F | IDC\_CH | agreed |
| S5-236413 | Rel-18 CR 32.260 Addition of media information for IMS data channel | China Mobile | 32.260 | 0433 | - | Rel-18 | B | IDC\_CH | revised |
| S5-236910 | Rel-18 CR 32.260 Addition of media information for IMS data channel | China Mobile | 32.260 | 0433 | 1 | Rel-18 | B | IDC\_CH | agreed |
| S5-236710 | Rel-17 CR 32.260 Correction of invocation timestamp | Ericsson | 32.260 | 0434 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236711 | Rel-18 CR 32.260 Correction of invocation timestamp | Ericsson | 32.260 | 0435 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236632 | Add common CHF to CHF interaction | Huawei | 32.290 | 0201 | - | Rel-18 | B | B2B\_CH | revised |
| S5-236979 | Add common CHF to CHF interaction | Huawei | 32.290 | 0201 | 1 | Rel-18 | B | B2B\_CH | agreed |
| S5-236634 | Quota mangement for CHF to CHF communication | Huawei | 32.290 | 0202 | - | Rel-18 | B | CHRACHF | revised |
| S5-236984 | Quota mangement for CHF to CHF communication | Huawei | 32.290 | 0202 | 1 | Rel-18 | B | CHRACHF | not pursued |
| S5-236727 | Rel-18 CR 32.290 Addition of CHF as consumer | Ericsson | 32.290 | 0203 | - | Rel-18 | B | CHRACHF | revised |
| S5-236983 | Rel-18 CR 32.290 Addition of CHF as consumer | Ericsson | 32.290 | 0203 | 1 | Rel-18 | B | CHRACHF | agreed |
| S5-236384 | Rel-18 CR TS 32.291 Service Consumption with unlimited quota | Nokia. Nokia Shanghai Bell | 32.291 | 0503 | - | Rel-18 | C | TEI18 | not pursued |
| S5-236614 | Support of caller and callee information in stage 3 | Huawei, China Mobile | 32.291 | 0504 | - | Rel-18 | B | IDC\_CH | revised |
| S5-236911 | Support of caller and callee information in stage 3 | Huawei, China Mobile | 32.291 | 0504 | 1 | Rel-18 | B | IDC\_CH | agreed |
| S5-236696 | Rel-18 CR 32.291 Correction of HTTP reference | Ericsson LM | 32.291 | 0505 | - | Rel-18 | F | TEI18 | revised |
| S5-237032 | Rel-18 CR 32.291 Correction of HTTP reference | Ericsson LM | 32.291 | 0505 | 1 | Rel-18 | F | TEI18 | agreed |
| S5-236697 | Rel-18 CR 32.291 Correction of content of type problem json | Ericsson | 32.291 | 0506 | - | Rel-18 | F | TEI18 | not pursued |
| S5-236708 | Rel-17 CR 32.291 Correction of invocation timestamp | Ericsson | 32.291 | 0507 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236709 | Rel-18 CR 32.291 Correction of invocation timestamp | Ericsson | 32.291 | 0508 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236718 | Rel-17 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.291 | 0509 | - | Rel-17 | F | TEI17 | revised |
| S5-237025 | Rel-17 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.291 | 0509 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236719 | Rel-18 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.291 | 0510 | - | Rel-18 | A | TEI17 | revised |
| S5-237026 | Rel-18 CR 32.291 QBC Charging Session Continuity Identification at V-SMF Change | Ericsson LM | 32.291 | 0510 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236728 | Rel-18 CR 32.291 Addition of CHF as consumer | Ericsson | 32.291 | 0511 | - | Rel-18 | B | CHRACHF | agreed |
| S5-236615 | Update CHF CDRs | Huawei, China Mobile | 32.298 | 0954 | - | Rel-18 | B | IDC\_CH | revised |
| S5-236912 | Update CHF CDRs | Huawei, China Mobile | 32.298 | 0954 | 1 | Rel-18 | B | IDC\_CH | agreed |
| S5-236698 | Rel-17 CR 32.298 Correction of record opening time | Ericsson LM | 32.298 | 0955 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236699 | Rel-18 CR 32.298 Correction of record opening time | Ericsson | 32.298 | 0956 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236702 | Rel-17 CR 32.298 Correction of duration | Ericsson LM | 32.298 | 0957 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236703 | Rel-18 CR 32.298 Correction of duration | Ericsson | 32.298 | 0958 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236704 | Rel-17 CR 32.298 Correction of invocation timestamp | Ericsson | 32.298 | 0959 | - | Rel-17 | F | TEI17 | not pursued |
| S5-236705 | Rel-18 CR 32.298 Correction of invocation timestamp | Ericsson | 32.298 | 0960 | - | Rel-18 | A | TEI17 | not pursued |
| S5-236720 | Rel-17 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | 32.298 | 0961 | - | Rel-17 | F | TEI17 | revised |
| S5-237027 | Rel-17 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | 32.298 | 0961 | 1 | Rel-17 | F | TEI17 | agreed |
| S5-236721 | Rel-18 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | 32.298 | 0962 | - | Rel-18 | A | TEI17 | revised |
| S5-237028 | Rel-18 CR 32.298 QBC Charging Session Continuity Identification at v-SMF Change | Ericsson LM | 32.298 | 0962 | 1 | Rel-18 | A | TEI17 | agreed |
| S5-236365 | Rel-18 CR TS 32.422 Report Amount parameter in NR | Nokia, Nokia Shanghai Bell | 32.422 | 0412 | - | Rel-18 | B | 5GMDT\_Ph2 | revised |
| S5-237086 | Rel-18 CR TS 32.422 Report Amount parameter in NR | Nokia, Nokia Shanghai Bell | 32.422 | 0412 | 1 | Rel-18 | B | 5GMDT\_Ph2 | agreed |
| S5-236766 | Clarify user consent handling for MDT in private networks | Ericsson | 32.422 | 0413 | - | Rel-18 | C | 5GMDT\_Ph2 | revised |
| S5-236769 | Clarify user consent handling for MDT in private networks | Ericsson LM | 32.422 | 0413 | 1 | Rel-18 | C | 5GMDT\_Ph2 | revised |
| S5-237084 | Clarify user consent handling for MDT in private networks | Ericsson LM | 32.422 | 0413 | 2 | Rel-18 | C | 5GMDT\_Ph2 | agreed |
| S5-236672 | Rel-17 CR TS 32.423 Correcting the reference to E1AP specification for gnb-DU record content | Nokia, Nokia Shanghai Bell | 32.423 | 0147 | - | Rel-17 | F | TEI17 | agreed |
| S5-236673 | Rel-18 CR TS 32.423 Correcting the reference to E1AP specification for gnb-DU record content | Nokia, Nokia Shanghai Bell | 32.423 | 0148 | - | Rel-18 | A | TEI17 | agreed |
| S5-236674 | Rel-15 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | 32.423 | 0149 | - | Rel-15 | F | TEI15 | not pursued |
| S5-236675 | Rel-16 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | 32.423 | 0150 | - | Rel-16 | A | TEI15 | not pursued |
| S5-236676 | Rel-17 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | 32.423 | 0151 | - | Rel-17 | A | TEI15 | not pursued |
| S5-236677 | Rel-18 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | 32.423 | 0152 | - | Rel-18 | B | TEI15 | revised |
| S5-237163 | Rel-18 CR TS 32.423 RRC IEs added for trace record description for gnb-CU-CP | Nokia, Nokia Shanghai Bell | 32.423 | 0152 | 1 | Rel-18 | B | 5GMDT\_Ph2 | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S5-236220 |  | IETF HTTP RFCs obsoleted by RFCs 9110, 9111 and 9113 | C4-233513 | postponed | S5-236937 |
| S5-236221 |  | Liaison Statement to 3GPP SA5 | ETSI TC EE | replied to | S5-236930 |
| S5-236222 |  | LS on user consent for SON/MDT for NB-IoT UEs | R2-2309030 | postponed | (none) |
| S5-236223 |  | LS on MDT measurements collection in MR-DC | R3-232070 | postponed | ???? |
| S5-236224 |  | LS on QoE measurement collection for application sessions delivered via MBS broadcast or multicast | R3-233457 | postponed | (none) |
| S5-236225 |  | Reply LS on QoE measurement collection for application sessions delivered via MBS broadcast or multicast | S4-231491 | noted | (none) |
| S5-236226 |  | Reply LS on area scope for QoE measurements | S4-231490 | postponed | (none) |
| S5-236227 |  | Reply LS on area scope for QoE measurements | R3-234746 | noted | (none) |
| S5-236228 |  | LS on MDT for NPN | R3-234744 | postponed | (none) |
| S5-236229 |  | LS on QMC support in RRC\_IDLE and RRC\_INACTIVE | R3-234745 | noted | (none) |
| S5-236230 |  | Reply LS on CHF Logic Realization wrt/ Spending Limits functionality | S2-2309511 | replied to | S5-236896 |
| S5-236231 |  | LS to SA, SA3 and SA5 on potential collaboration between 3GPP SA3/SA5 and ETSI SAI ISG | ETSI ISG SAI | postponed | (none) |
| S5-236232 |  | LS on information about the progress of draft Recommendation ITU-T Y.AN-Arch-fw ""Architecture Framework for Autonomous Networks"" | ITU-T SG13 | noted | (none) |
| S5-236233 |  | ZSM work on AI enablers and intent-driven autonomous networks | ETSI ISG ZSM | replied to | S5-236547 |
| S5-236234 |  | LS on NCR Solutions | R3-225253 | noted | (none) |
| S5-236235 |  | Reply LS on RAN UE Id optionality | R3-233476 | noted | ???? |
| S5-236236 |  | LS on REl-18 work on architecture for enabling Edge Applications | S6-232197 | replied to | S5-237241 |
| S5-236878 |  | Liaison Multi-SDO Autonomous Networks (AN) Formal Liaison: Call for Candidate Proposals for AN SDO Information Sharing | TM Forum | postponed | (none) |
| S5-236884 |  | LS to 3GPP re Monitoring of Encrypted 5GS Signalling Traffic | GSMA | postponed | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S5-236547 | Reply LS to ZSM Work on AI enablers and intent-driven autonomous networks | ZSM | - | S5-236233 |
| S5-236896 | Reply to: Reply LS on CHF Logic Realization wrt/ Spending Limits functionality | SA2 | - | S5-236230 |
| S5-236928 | LS on user consent of Non-public Network | RAN3 | RAN2, SA3 | - |
| S5-236930 | Reply to Liaison Statement from ETSI EE PS | ETSI EE EEPS | ITU-T SG5 | S5-236221 |
| S5-237035 | LS to CT4 on the need of the NR NTN TAI information | CT4 | - |  |
| S5-237241 | Reply to: LS on REl-18 work on architecture for enabling Edge Applications | SA6 | - | S5-236236 |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S5-237211 | New WID on Management aspects of 5G system with satellite backhaul | CATT | WID new |
| S5-236538 | Revised WID on enhancements of 5G performance measurements and KPIs phase3 | Intel, Nokia, CATT, NEC | WID revised |
| S5-236924 | Revised WID on Charging Aspects for SMF and MB-SMF to Support 5G Multicast-broadcast Services (SP-230623) | China Mobile | WID revised |
| S5-236961 | Revised WID on 5G Advanced NRM features phase 2 (adNRM\_ph2) | Nokia, Nokia Shanghai Bell | WID revised |
| S5-237052 | Revised WID on Service Based Management Architecture (SBMA) | Ericsson | WID revised |
| S5-237169 | Rewised WID Access control for management service | Nokia UK | WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| S5-236575 | 32.161 | 0.0.0 | Rel-18 32.161 JSON expressions (Jex) skeleton |
| S5-236622 | 32.282 | 0.0.0 | Rel-18 pCR 32.282 Initial skeleton of TS 32.282 v0.0.0 |
| S5-236887 | 28.203 | 1.1.0 | Draft TS 28.203 |
| S5-236888 | 28.204 | 0.4.0 | Draft TS 28.204 |
| S5-236889 | 32.282 | 0.1.0 | Draft TS 32.282 |
| S5-236890 | 28.826 | 1.7.0 | Draft TR 28.826 |
| S5-236891 | 28.840 | 0.5.0 | Draft TR 28.840 |
| S5-236892 | 28.844 | 1.1.0 | Draft TR 28.844 |
| S5-236893 | 28.845 | 0.2.0 | Draft TR 28.845 |
| S5-236894 | 32.282 | 0.0.0 | Rel-18 pCR 32.282 Initial skeleton of TS 32.282 v0.0.0 |
| S5-237037 | 28.111 | 0.2.0 | Draft TS 28.111 |
| S5-237038 | 32.161 | 0.1.0 | Draft TS 32.161 |
| S5-237039 | 28.318 | 0.2.0 | Draft TS 28.318 |
| S5-237040 | 28.830 | 0.6.0 | Draft TR 28.830 |
| S5-237062 | 28.318 | 0.2.0 | Draft TS 28.318 |
| S5-237115 | 28.910 | 0.7.0 | Draft TR 28.910 |
| S5-237173 | 28.836 | 1.2.0 | Draft TR 28.836 |
| S5-237182 | 28.842 | 0.6.0 | Draft TR 28.842 |
| S5-237188 | 28.863 | 0.8.0 | Draft TR 28.863 |
| S5-237238 | 28.317 | 0.6.0 | draft TS 28.317 |
| S5-237242 | 28.865 | 0.6.0 | Draft TR 28.865 |

## Annex F: List of participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TITLE | Family Name | Given Name | Employer Organization | Organization Represented |
| Dr. | Abhishek | Rohit | AT&T | AT&T |
| Mr. | Ai | Ming | CATT | CATT |
| Mr. | Andrianov | Anatoly | Nokia Germany | Nokia Germany |
| Mrs. | Ayani | Zhulia | Ericsson LM | Ericsson Limited |
| Dr. | BAO | Harvey Hongqiang | HUAWEI TECHNOLOGIES Co. Ltd. | HUAWEI TECHNOLOGIES Co. Ltd. |
| Mr. | Bizzarri | Simone | TELECOM ITALIA S.p.A. | TELECOM ITALIA S.p.A. |
| Ing. | Broszeit | Marco | Vodafone GmbH | Vodafone Ireland Plc |
| Mr. | Cano Soveri | Mirko | ETSI | ETSI |
| Miss | cao | guangjing | China Mobile Com. Corporation | China Mobile (Hangzhou) Inf. |
| Dr. | Cao | Xi | China Mobile Com. Corporation | China Mobile International Ltd |
| Dr. | Cetinkaya | Egemen | Verizon UK Ltd | Verizon Denmark |
| Dr. | Chen | Ai | China Mobile Com. Corporation | China Mobile (Suzhou) Software |
| Mr. | Chen | Ben | BJTU | BJTU |
| Miss | CHEN | SHAN | Huawei Tech.(UK) Co.. Ltd | Huawei Technologies R&D UK |
| Miss | Chen | Xiumin | China Telecommunications | China Telecomunication Corp. |
| Miss | Cheng | Cuiru | China Unicom | BTPDI |
| Dr. | CORNILY | Jean-Michel | Huawei Technologies France | Huawei Tech.(UK) Co.. Ltd |
| Mr. | Dawes | Peter | VODAFONE Group Plc | Vodafone GmbH |
| Mr. | Dempo | Hiroshi | NEC Corporation | NEC Corporation. |
| Ms. | Deng | Lingli | China Mobile Research Inst. | China Mobile Com. Corporation |
| Dr. | Deng | Yimeng | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Telecommunication India |
| Dr. | Dong | Hao | ZTE Corporation | ShenZhen Zhongxing Shitong |
| Miss | Dong | Jia | China Mobile E-Commerce Co. | China Mobile E-Commerce Co. |
| Miss | Feng | Xiaohan | Huawei Technologies France | Huawei Technologies (Korea) |
| Mr. | Feng | Yuang | ZTE Corporation | Sanechips |
| Mr. | Fernandes | Clifton | Nokia UK | Nokia UK |
| Mr. | GAO | Sheng | China Mobile Technology Inc | China Mobile Com. Corporation |
| Mrs. | Gardella | Maryse | MATRIXX Software | MATRIXX Software |
| Mr. | Gautam | Deepanshu | Samsung R&D Institute UK | Samsung R&D Institute India |
| Mrs. | Goldner | Alla | Guangdong OPPO Mobile Telecom. | OPPO Beijing |
| Ms. | Gong | Ruby | Beijing Xiaomi Mobile Software | Beijing Xiaomi Mobile Software |
| Mr. | Görmer | Gerald | MATRIXX Software | MATRIXX Software |
| Mr. | Guttman | Erik | Samsung R&D Institute UK | Samsung Electronics Iberia SA |
| Mr. | Hassett | Brendan | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Technologies Japan K.K. |
| Mr. | Hatanaka | Yoshitaka | NTT DOCOMO INC. | NTT DOCOMO INC. |
| Miss | Hu | Yushuang | China Mobile Com. Corporation | China Mobile Group Device Co. |
| Mr. | Jain | Puneet | Intel | Intel |
| Mr. | Kapale | Kiran | Samsung R&D Institute India | Samsung Electronics Austria |
| Miss | Kedalagudde | Meghashree D | Intel Deutschland GmbH | Intel Corporation (UK) Ltd |
| Mr. | Klotz | Michael | Deutsche Telekom AG | Deutsche Telekom AG |
| Mr. | Kulakov | Alexey | VODAFONE Group Plc | Vodafone Telekomünikasyon A.S. |
| Mr. | Kumar | Lalith | Samsung R&D Institute India | Harman GmbH |
| Mr. | Kuroiwa | Fumito | NTT DOCOMO INC.. | DOCOMO Beijing Labs |
| Ms. | Lam | Maria | Verizon Switzerland AG | Verizon Switzerland AG |
| Mr. | Lee | Jay | Verizon UK Ltd | Verizon UK Ltd |
| Mr. | Lengyel | Balazs | Ericsson Hungary Ltd | Ericsson India Private Limited |
| Ms. | Li | Chenyi | China Unicom | Unicompay |
| Mr. | Li | Gang | Nanjing Ericsson Panda Com Ltd | Ericsson GmbH, Eurolab |
| Miss | Li | Mingxue | China Telecommunications | China Telecomunication Corp. |
| Mr. | Li | Rihui | CALTTA | ZTE Photonics |
| Mr. | Li | Shitao | Huawei Tech.(UK) Co.. Ltd | Huawei Technologies France |
| Miss | li | weiyuan | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | LI | Xiaoqiang | Cybercore | Cybercore |
| Miss | Li | Yexing | Huawei Tech.(UK) Co.. Ltd | Huawei Technologies R&D UK |
| Dr. | Li | Zexu | China Telecommunications | China Telecom Corporation Ltd. |
| Mr. | Li | Zhanwu | AsiaInfo Technologies Inc | AsiaInfo |
| Mr. | Li | Zhendong | Nubia Technology Co.,Ltd | Nubia Technology Co.,Ltd |
| Mr. | Li | Zhijun | ZTE Corporation | ZONSON |
| Miss | liang | lixin | China Telecommunications | China Telecom Corporation Ltd. |
| Miss | Liang | Shuang | Nubia Technology Co.,Ltd | ZTE Corporation. |
| Dr. | Liang | Yongming | Huawei Telecommunication India | Huawei Telecommunication India |
| Mr. | Liao | Zhenfeng | China Telecommunications | Chinatelecom Cloud |
| Mr. | Libunao | Gerardo | Verizon UK Ltd | Verizon Spain |
| Ms. | Liping | Wu | CATT | CATT |
| Mr. | Liu | Jian | Nanjing Ericsson Panda Com Ltd | Nanjing Ericsson Panda Com Ltd |
| Mr. | LIU | Jianning(Carry) | Beijing Xiaomi Software Tech | Xiaomi Communications |
| Miss | Liu | Siyang | China Telecommunications | Esurfing IoT |
| Mr. | Liu | Yicong | China Telecom Corporation Ltd. | E-surfing Digital |
| Miss | Liu | Yingying | CICT | CICT |
| Mr. | Long | Biao | China Telecom Corporation Ltd. | CTSI |
| Mr. | Luetzenkirchen | Thomas | Intel Deutschland GmbH | Intel Corporation SAS |
| Mr. | Ma | Ruitao | China Unicom | CITC |
| Mr. | Ma | Xinyuan | BUPT | BUPT |
| Mr. | MAO | Yuxin | Beijing Xiaomi Mobile Software | Xiaomi Technology |
| Mr. | Mayer | Georg | HUAWEI TECHNOLOGIES Co. Ltd. | HUAWEI TECHNOLOGIES Co. Ltd. |
| Mr. | McDonnell | Eoin | Ericsson LM | Oy LM Ericsson AB |
| Mr. | Mo | Zhiwei | China Telecommunications | Chinatelecom Cloud |
| Mr. | Mohajeri | Shahram | AT&T GNS Belgium SPRL | AT&T GNS Belgium SPRL |
| Dr. | Mwanje | Stephen | Nokia | Nokia Italy |
| Ms. | Niu | Yuxia | China Telecom Corporation Ltd. | China Telecom Corporation Ltd. |
| Mr. | Ordonez-Lucena | Jose | TELEFONICA S.A. | Telefonica Germany GmbH |
| Dr. | Park | Jungshin | Samsung Electronics Co., Ltd | Samsung Electronics Nordic AB |
| Mr. | Petersen | Robert | Ericsson LM | Ericsson France S.A.S |
| Dr. | Pollakowski | Olaf | Nokia Germany | Nokia Poland |
| Mr. | Pozo | Sergio | VODAFONE Group Plc | VODAFONE Group Plc |
| Mr. | Probasco | Scott | Nokia | Nokia Austria |
| Mr. | Ren | Chi | China Unicom | CU Digital Technology |
| Mr. | Rodrigues | João | Nokia | Nokia Denmark |
| Mr. | Ruan | Bangqiu | ZTE Corporation | ZTE Photonics |
| Ms. | Ryu | Jinsook | Dish Network | Dish Network |
| Ms. | Sabater | Susana | VODAFONE Group Plc | Vodafone Italia SpA |
| Dr. | Sadeghi | Bahar | Microsoft Europe SARL | Microsoft Europe SARL |
| Dr. | Samdanis | Konstantinos | Motorola Mobile Com Technology | Lenovo (Beijing) Ltd |
| Mr. | Scott | Mark | Ericsson LM | Ericsson Inc. |
| Mr. | Shan | Changhong | Intel Corporation (UK) Ltd | Intel Korea, Ltd. |
| Ms. | Shen | Yang | Beijing Xiaomi Mobile Software | Xiaomi EV Technology |
| Mrs. | Shi | xiaoli | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Technologies Sweden AB |
| Ms. | Shi | Xiaonan | China Mobile Com. Corporation | CMDI |
| Mr. | Shu | Min | CATT | CATT |
| Dr. | Song | Lei | Verizon UK Ltd | Verizon Sweden |
| Miss | Srinivasaraju | Srilakshmi | Nokia Corporation | Nokia Netherlands |
| Mr. | Stojanovski | Saso | Intel Deutschland GmbH | Intel Ireland |
| Mr. | Subramanya | Tejas | Nokia Germany | Nokia Korea |
| Mr. | Sun | Mingrui | China Unicom | China Unicom |
| Mr. | Sun | Sean | Nokia Shanghai Bell | Nokia Shanghai Bell |
| Dr. | Sun | Tao | China Mobile M2M Company Ltd. | China Mobile M2M Company Ltd. |
| Miss | Sun | Yue | China Telecommunications | China Telecommunications |
| Mr. | Swaminathan | Sivaramakrishnan | Nokia Germany | Nokia Solutions & Networks (I) |
| Mr. | Tamura | Ryoji | NTT DOCOMO INC. | NTT DOCOMO INC.. |
| Ms. | Tang | Tingfang | Beijing Xiaomi Mobile Software | Beijing Xiaomi Software Tech |
| Miss | Tao | Yuan | CICT | Datang Mobile Com. Equipment |
| Miss | Tian | Zhuoyuan | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Device Co., Ltd |
| Mr. | Velev | Genadi | Motorola Mobility Germany GmbH | Motorola Mobility France S.A.S |
| Mr. | Volnay | Christophe | ETSI | ETSI |
| Mr. | Wang | Heng | China Telecommunications | China Telecomunication Corp. |
| Miss | Wang | Menghan | ZTE Corporation | ZTE JAPAN K.K. |
| Dr. | Wang | Shoufeng | AsiaInfo Technologies Inc | AsiaInfo |
| Dr. | Wang | Zhaoning | China Unicom | CUG |
| Mr. | Wu | Hao | CSCN | CSCN |
| Ms. | WU | Jinhua | Beijing Xiaomi Mobile Software | Beijing Xiaomi Mobile Software |
| Mr. | Xie | Baoguo | ZTE Corporation | ZTE FRANCE SASU |
| Mr. | Xie | Pengxiang | ZTE Corporation | ZTE Japan K.K. |
| Mr. | Xing | TianQi | China Unicom | China Unicom |
| Mr. | Xing | Zhen | China Unicom | China Unicom |
| Mr. | Xiong | Chunshan | CICT | Datang Linktester Technology |
| Mr. | Xu | Ruiyue | Huawei Tech.(UK) Co.. Ltd | HiSilicon Technologies Co. Ltd |
| Miss | Yan | Xiaojian | ZTE Corporation | Jetflow |
| Mr. | Yang | Ning | OPPO Beijing | OPPO Beijing |
| Dr. | Yao | Ge | China Unicom | VSENS |
| Mr. | Yao | Yizhi | Intel Corporation (UK) Ltd | Intel K.K. |
| Mr. | Zhang | Jian | HUAWEI TECHNOLOGIES Co. Ltd. | HUAWEI TECHNOLOGIES Co. Ltd. |
| Mr. | Zhang | Kai | Huawei Tech.(UK) Co.. Ltd | HUAWEI TECH. GmbH |
| Mr. | Zhang | Lianhua | AsiaInfo Technologies Inc | AsiaInfo |
| Ms. | Zhang | Ling | Siemens AG | Siemens AG |
| Dr. | Zhang | Zhuoyun | Tencent | Tencent Cloud |
| Miss | ZHAO | HUAN | China Unicom | Unicom Broadband Online |
| Mr. | Zhao | Song | China Telecom Corporation Ltd. | China Telecomunication Corp. |
| Miss | Zhao | Xian | Huawei Technologies France | HUAWEI Technologies Japan K.K. |
| Miss | Zhou | Xingyue | ZTE Corporation | ZTE Korea Limited |
| Mr. | Zhu | Jinguo | ZTE Corporation. | ZXNE |
| Mr. | Zhu | Zengbao | BUPT | BUPT |
| Ms. | Zou | Lan | Huawei Tech.(UK) Co.. Ltd | HuaWei Technologies Co., Ltd |

## Annex G: List of future meetings

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| --- | --- | --- | --- | --- | --- |
| Title | Start date | End date (OP) | Town | Country | Reference |
| S5-152 | 13/11/2023 | 17/11/2023 | Chicago | US |  |
| S5-153 | 29/01/2023 | 2/02/2023 | Seville | Spain |  |
| S5-154 | 15/04/2023 | 19/04/2023 | TBD | China |  |