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

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

**Electronic meeting, Online, 04/04/2022 to 12/04/2022**

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## 1 Opening of the meeting

## 2 Approval of the agenda

**S5-222000 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.

### 4.1 Last SA5 meeting report

**S5-222001 Report from last SA5 meeting**

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

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

### 4.2 Last SA meeting report

### 4.3 Inter-organizational reports

### 5.1 Administrative issues at SA5 level

**S5-222002 e-meeting process**

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

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

**S5-222003 Post e-meeting email approval status**

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

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

**S5-222010 SA5 working procedures**

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

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

**S5-222011 Process for management of draft TS-TRs**

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

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

**S5-222028 SA5 working procedures Forge**

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

**Decision:** The document was **revised to S5-222572**.

**S5-222572 SA5 working procedures Forge**

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

(Replaces S5-222028)

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

**S5-222029 Discussion paper on Forge change in SA5 OAM proposed in SP-220341**

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

**Decision:** The document was **revised to S5-222573**.

**S5-222573 Discussion paper on Forge change in SA5 OAM proposed in SP-220341**

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

(Replaces S5-222029)

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

### 5.2 Technical issues at SA5 level

**S5-222286 DP on the relationship of CAMARA and SA work on capability exposure**

*Type: discussion For: Endorsement  
 Source: TELEFONICA S.A.*

**Decision:** The document was **revised to S5-222574**.

**S5-222574 DP on the relationship of CAMARA and SA work on capability exposure**

*Type: discussion For: Endorsement  
 Source: TELEFONICA S.A.*

(Replaces S5-222286)

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

**S5-222489 DP Deprecating attributes, data types and IOCs**

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

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

### 5.3 Liaison statements at SA5 level

**S5-222140 LS reply from ENSWI to 3GPP SA5 on overall architecture for network slice ordering, provisioning and assurance**

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

**Decision:** The document was **replied to in S5-222814**.

**S5-222141 Resubmitted LS on the first deliverable on use cases for autonomous networks from ITU FG-AN**

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

**Decision:** The document was **replied to in S5-222560**.

**S5-222142 TM Forum E2E team Response to liaison S5-215530**

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

**Decision:** The document was **replied to in S5-222815**.

**S5-222143 Minutes Formal Liaison Meeting #15 Minutes 21st February 2022 Liaison AN-SDO2022-02**

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

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

**S5-222145 Further Operator Platform Group questions following SDO Workshop**

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

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

**S5-222152 LS ccSA5 on User consent Updating**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-221210*

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

**S5-222159 Reply LS ccSA5 on MINT functionality for Disaster Roaming**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S2-2201514*

**Decision:** The document was **replied to in S5-222575**.

**S5-222160 Reply LS ccSA5 on MBS Service Area Identity and start procedure for broadcast service**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S2-2201517*

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

**S5-222161 Reply LS ccSA5 on Further GSMA OPAG questions following SDO Workshop**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S2-2201721*

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

**S5-222162 Reply LS ccSA5 on User Consent Updating**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S3-220474*

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

**S5-222163 Reply LS ccSA5 on Reply LS on MINT functionality for Disaster Roaming**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S3-220518*

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

**S5-222164 Reply LS ccSA5 on Further Operator Platform Group questions following SDO Workshop**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S3-220571*

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

**S5-222168 Reply LS ccSA5 on Prioritized Vehicle to Cloud Technical Solutions (Automotive Edge Computing Consortium (AECC))**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S6-220265*

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

**S5-222289 Reply LS to GSMA NG ENSWI on overall architecture for network slice ordering, provisioning and assurance**

*Type: LS out For: Agreement  
 to GSMA NG ENSWI, cc 3GPP SA  
 Source: Orange*

**Decision:** The document was **revised to S5-222814**.

**S5-222814 Reply LS to GSMA NG ENSWI on overall architecture for network slice ordering, provisioning and assurance**

*Type: LS out For: Agreement  
 to GSMA NG ENSWI, cc 3GPP SA  
 Source: Orange*

(Replaces S5-222289)

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

**S5-222290 Reply LS to TM Forum on overall architecture for network slice ordering, provisioning and assurance**

*Type: LS out For: Agreement  
 to TM Forum, cc 3GPP SA  
 Source: Orange*

**Decision:** The document was **revised to S5-222815**.

**S5-222815 Reply LS to TM Forum on overall architecture for network slice ordering, provisioning and assurance**

*Type: LS out For: Agreement  
 to TM Forum, cc 3GPP SA  
 Source: Orange*

(Replaces S5-222290)

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

**S5-222351 LS ccSA5 on MEC Federation and interest to collaborate**

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

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

**S5-222430 Reply to LS on MINT functionality for Disaster Roaming**

*Type: LS out For: Approval  
 to SA2, cc SA3, CT1, CT4, CT6, RAN2  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-222575**.

**S5-222575 Reply to LS on MINT functionality for Disaster Roaming**

*Type: LS out For: Approval  
 to SA2, cc SA,CT, RAN,SA3, CT1, CT4, CT6, RAN2  
 Source: Ericsson LM*

(Replaces S5-222430)

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

**S5-222553 Reply LS ccSA5 to GSMA Operator Platform Group on edge computing definition and integration**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: SP-220003*

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

**S5-222554 Reply LS ccSA5 to GSMA OPG on Further Operator Platform Group questions following SDO Workshop**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: SP-220346*

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

**S5-222555 LS ccSA5 on Request to clarify whether there are IPR issues with using 3GPP terminology and**

**information objects and names in code contributed to ONAP**

*Type: LS in For: discussion  
 Original outgoing LS: -, to -, cc -  
 Source: ONAP*

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

**S5-222560 Reply LS on the first deliverable on use cases for autonomous networks from ITU FG-AN (ITU FG-AN)**

*Type: LS out For: Approval  
 to ITU-T,ITU FG-AN, GSMA, IEEE, ETSI ISG ZSM, ETSI ISG NFV, ETSI TC INT, TM Forum, IETF, IRTF, Linux Foundation Networking, Open Networking Foundation, LF AI & Data Foundation, O-RAN Alliance, NGMN, cc SA  
 Source: Huawei*

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

### 5.4 SA5 meeting calendar

**S5-222012 SA5 meeting calendar**

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

**Decision:** The document was **revised to S5-222576**.

**S5-222576 SA5 meeting calendar**

*Type: other For: -  
 Source: WG CHair*

(Replaces S5-222012)

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

### 6.1 OAM&P Plenary

**S5-222004 OAM&P action list**

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

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

**S5-222005 agenda\_with\_Tdocs\_sequence\_proposal\_OAM**

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

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

**S5-222006 OAM Exec Report**

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

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

**S5-222007 OAM Chair notes and conclusions**

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

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

**S5-222013 Collection of useful endorsed document and external communication documents**

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

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

**S5-222067 DP on WoPs of FS\_MANWDAF**

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

**Abstract:**

Discussion on work packages of FS\_MANDAWF

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

**S5-222074 LS on changes over E1AP due to RACH NSA Measurements**

*Type: LS out For: Approval  
 to RAN3  
 Source: Nokia Solutions & Networks (I)*

**Decision:** The document was **revised to S5-222816**.

**S5-222816 LS on changes over E1AP due to RACH NSA Measurements**

*Type: LS out For: Approval  
 to RAN3  
 Source: Nokia Solutions & Networks (I)*

(Replaces S5-222074)

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

**S5-222100 WoP proposal for eECM**

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

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

**S5-222104 Wop of FS\_DCSA**

*Type: discussion For: Approval  
 28.865 v..  
 Source: Huawei*

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

**S5-222106 FS\_NSOEU Work Package (WoP) Proposal**

*Type: other For: Endorsement  
 Source: Samsung Electronics GmbH*

**Abstract:**

The policy in S5-221500 indicates that rapporteurs should organize the SID in the form of Work Packages (WoP)s. This document breaks down the work tasks in FS\_NSOEU and proposes a limited scope of contribution for the subsequent meeting.

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

**S5-222110 Wop of FS\_KQI\_5G**

*Type: discussion For: Endorsement  
 28.863 v..  
 Source: Huawei*

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

**S5-222122 Discussion on WoP of FS\_ANLEVA**

*Type: discussion For: Endorsement  
 28.909 v..  
 Source: China Mobile, Huawei*

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

**S5-222127 Discussion on WoP of FS\_eANL**

*Type: discussion For: Endorsement  
 28.910 v..  
 Source: China Mobile, Huawei*

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

**S5-222136 LS on the specification of AT commands for NR QoE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C1-222058*

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

**S5-222137 Reply LS ccSA5 On User Consent Updating**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C4-221413*

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

**S5-222144 Publication of NFV SOL001 V4.2.1**

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

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

**S5-222146 Further reply LS ccSA5 on QoE report handling at QoE pause**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2201862*

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

**S5-222147 LS ccSA5 on the specification of AT commands for NR QoE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2202017*

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

**S5-222148 Reply LS ccSA5 on maximum container size for QoE configuration and report**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2202018*

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

**S5-222149 LS ccSA5 on logged MDT configuration at SN in DC scenario**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2204063*

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

**S5-222150 LS on RAN2 agreements on NR QoE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R2-2204202*

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

**S5-222151 Resubmitted Response to LS Reply LS on Enhancement of RAN Slicing**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-216238*

**Decision:** The document was **replied to in S5-222645**.

**S5-222153 LS ccSA5 on QoE Measurement Session Start and Measurement Session End Indication from the UE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-221243*

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

**S5-222154 Reply LS to SA5 on beam measurement reports**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-221383*

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

**S5-222155 LS on QMC related RAN3 progress**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-221437*

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

**S5-222156 LS on configuration updates of MDT M1, M8 and M9 in RAN3 specifications**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-221445*

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

**S5-222157 Reply LS on MDT M6 calculation for split bearers in MR-DC**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-222868*

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

**S5-222158 LS on RAN3 agreements for NR QoE**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: R3-222890*

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

**S5-222165 LS Reply ccSA5 on maximum container size for QoE configuration and report**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S4-220237*

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

**S5-222166 LS Reply on QoE configuration and reporting related issues**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S4-220309*

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

**S5-222167 Resubmitted LS on TS 28.404/TS 28.405 Clarification**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S4-211234*

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

**S5-222169 Reply LS ccSA5 on further Operator Platform Group questions following SDO Workshop**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: S6-220432*

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

**S5-222170 Resubmitted LS/r on methodology harmonization update (reply to 3GPP TSG SA5-S5-215481)**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: ITU-T SG2*

**Decision:** The document was **replied to in S5-222570**.

**S5-222187 WoPs for AI-ML management study**

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

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

**S5-222212 Work Packages (WoPs) for SID on further Enhancements of Management of Trace/MDT (FS\_5GMDT\_Ph2)**

*Type: discussion For: Endorsement  
 28.837 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222257 Rel-18 3GPP\_SA5 OAM WoP\_FS\_eIDMS\_MN**

*Type: discussion For: Endorsement  
 28.912 v..  
 Source: Huawei,Ericsson*

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

**S5-222273 Rel-18 3GPP\_SA5 OAM WoP\_FS\_OAM\_eNPN**

*Type: other For: Information  
 Source: Huawei*

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

**S5-222305 WoP of FS\_5GLAN\_Mgt**

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

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

**S5-222306 WoP Proposal for Rel-18 Study on 5G energy efficiency phase 2**

*Type: discussion For: Endorsement  
 Source: Orange*

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

**S5-222317 WoP Proposal for Rel-18 Work Item on Enhancements of EE for 5G Phase 2**

*Type: discussion For: Endorsement  
 Source: Orange*

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

**S5-222318 WoP of FS\_URLLC\_Mgt**

*Type: discussion For: Endorsement  
 28.832 v..  
 Source: China Unicom*

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

**S5-222319 Wop of FS\_MANS\_ph2**

*Type: discussion For: Endorsement  
 28.835 v..  
 Source: China Unicom*

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

**S5-222331 Wop of FS\_MEC\_ECM**

*Type: other For: Endorsement  
 28.903 v..  
 Source: Huawei*

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

**S5-222349 Rel-18 WoP FS\_eSBMA**

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

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

**S5-222372 Discussion on Rel-18 3GPP SA5 OAM WoP of FS\_FSEV**

*Type: discussion For: Endorsement  
 28.830 v..  
 Source: China Mobile, Huawei*

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

**S5-222396 Rel-18 3GPP\_SA5 OAM WoP \_RANSC**

*Type: discussion For: Endorsement  
 28.317 v..  
 Source: China Mobile, Huawei*

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

**S5-222455 LS on Response to LS on Enhancement of RAN Slicing from RAN3**

*Type: LS out For: Approval  
 to RAN3  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222577**.

**S5-222577 LS on Response to LS on Enhancement of RAN Slicing from RAN3**

*Type: LS out For: Approval  
 to RAN3  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222455)

**Decision:** The document was **revised to S5-222645**.

**S5-222645 LS on Response to LS on Enhancement of RAN Slicing from RAN3**

*Type: LS out For: Approval  
 to RAN3  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222577)

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

**S5-222529 Work Packages (WoPs) for Study on Basic SBMA enabler enhancements (FS\_eSBMAe)**

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

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

**S5-222550 Rel-18 3GPP\_SA5 OAM WoP FS\_NETSLICE\_IDMS**

*Type: other For: Endorsement  
 28.836 v..  
 Source: Huawei Tech.(UK) Co.. Ltd, Ericsson*

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

**S5-222551 Collection of Rel-18 3GPP SA5 OAM WoPs**

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

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

**S5-222556 LS on enforcement of maximum number of UEs and maximum number of PDU sessions in a network slice.**

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

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

**S5-222557 WoP of FS\_MCVNF**

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

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

**S5-222558 Add Rel-18 3GPP\_SA5 OAM WoP for NSRULE**

*Type: other For: discussion  
 Source: Ericsson*

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

**S5-222559 WoP for AdNRM\_ph2**

*Type: other For: discussion  
 Source: Huawei*

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

**S5-222561 WoP proposal for 6.5.14 FS\_CICDN**

*Type: discussion For: discussion  
 Source: Lenovo, Motorola Mobile, CMCC*

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

**S5-222562 WoP proposal for 6.5.16 FS\_YANG**

*Type: discussion For: discussion  
 Source: Ericsson*

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

**S5-222563 WoP proposal for 6.5.22 FS\_NSCE**

*Type: discussion For: discussion  
 Source: Alibaba*

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

**S5-222570 Reply LS on methodology harmonization update**

*Type: LS out For: Approval  
 to ITU-T SG2  
 Source: Ericsson*

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

### 6.2 New OAM&P Work Item proposals

**S5-222051 New SID Study on measurement data collection to support RAN intelligence**

*Type: SID new For: Approval  
 Source: Intel Korea, Ltd. Verizon, AT&T, CMCC*

**Decision:** The document was **revised to S5-222631**.

**S5-222631 New SID Study on measurement data collection to support RAN intelligence**

*Type: SID new For: Approval  
 Source: Intel Korea, Ltd. Verizon, AT&T, CMCC*

(Replaces S5-222051)

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

**S5-222243 New Rel-18 WID 5G advanced performance measurements and KPIs**

*Type: WID new For: Approval  
 Source: China Telecomunication Corp., Intel*

**Decision:** The document was **revised to S5-222578**.

**S5-222578 New Rel-18 WID 5G advanced performance measurements and KPIs**

*Type: WID new For: Approval  
 Source: China Telecomunication Corp., Intel*

(Replaces S5-222243)

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

**S5-222247 Study on Advanced Alarm Management for 5G**

*Type: SID new For: (not specified)  
 Source: China Unicom*

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

**S5-222341 Rel-18 SID on Closed control loop governance for autonomous network**

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

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

**S5-222347 New Rel-18 SID on precise network traffic abstraction information for service planning**

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

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

**S5-222348 New WID on continuous integration continuous delivery support for 3GPP NFs**

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

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

**S5-222401 New SID on Management Aspects of 5G Location**

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

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

**S5-222402 New SID on Management Aspects of IoT NTN Enhancement**

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

**Decision:** The document was **revised to S5-222579**.

**S5-222579 New SID on Management Aspects of IoT NTN Enhancement**

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

(Replaces S5-222402)

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

**S5-222458 New R18 SID on conflict management**

*Type: SID new For: (not specified)  
 Source: Lenovo Mobile Com. Technology*

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

**S5-222492 Discussion on new SID for conflict managment**

*Type: discussion For: (not specified)  
 Source: Lenovo Mobile Com. Technology*

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

### 6.3 OAM&P Maintenance and Rel-17 small Enhancements

**S5-222058 TS 28.541 Fixing a few issues with attribute related to nextHopInfoList in EP\_transport**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell, KDDI*

**Decision:** The document was **revised to S5-222594**.

**S5-222594 TS 28.541 Fixing a few issues with attribute related to nextHopInfoList in EP\_transport**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell, KDDI*

(Replaces S5-222058)

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

**S5-222062 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shangai Bell*

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

**S5-222063 Rel-16 CR 28.623 Stage 3 Yang fix for 3GPP Common Trace**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222065 Rel 17 TS 28.623 Stage 3 Yang fix for 3GPP Common Trace**

*Type: draftCR For: Approval  
 28.623 v17.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222066 Rel-16 CR 28.541 Diagram fix for NRM fragment for RRM policies**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222068 Rel-17 TS 28.541 Diagram fix for NRM fragment for RRM policies**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222069 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222070 Add attribute properties for NetworkSliceSubnet attribute priorityLabel**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222071 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222072 Add attribute properties for NetworkSliceSubnet attribute priorityLabel**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222073 Fix to change “Support Qualifier" to "S"**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222075 Rel-16 CR 32.158 Add definition of secondary resource**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222076 Rel-16 CR 32.158 Add definition of resource "/{MnSName}/{MnSVersion}"**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222586**.

**S5-222586 Rel-16 CR 32.158 Add definition of resource "/{MnSName}/{MnSVersion}"**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222076)

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

**S5-222077 Define LogicInterfaceInfo datatype and fix attribute properties for logicInterfaceInfo**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222078 Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Producer**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222587**.

**S5-222587 Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Producer**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222078)

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

**S5-222079 Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Consumer**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222588**.

**S5-222588 Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Consumer**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222079)

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

**S5-222080 Rel-16 CR 32.158 Clarify clause Design pattern for reading a resource**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222081 Rel-16 CR TS 28.541 Fix attribute properties for configurable5QISetRef and dynamic5QISetRef**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222082 Rel-16 CR 32.158 Clarify clause Design pattern for updating a resource**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222083 Rel-16 CR 32.158 Clarify clause Design pattern for deleting a resource**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222084 Rel-16 CR 32.158 Clarify clause Design pattern for subscribe/notify**

*Type: draftCR For: (not specified)  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222085 Rel-16 CR 32.158 Clarify clause Design pattern for scoping and filtering**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222589**.

**S5-222589 Rel-16 CR 32.158 Clarify clause Design pattern for scoping and filtering**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222085)

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

**S5-222086 Rel-16 CR 32.158 Clarify clause Design patterns for attribute and attribute field selection**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222087 Rel-16 CR 32.158 Clarify clause Design patterns for partially updating a resource**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222088 Rel-17 CR TS 28.541 Fix attribute properties for configurable5QISetRef and dynamic5QISetRef**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222092 Rel-16 CR 32.158 Clarify clause Design patterns for patching multiple resources**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222094 Rel-16 CR 32.158 Add missing clause Large queries**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222095 Rel-16 CR 32.158 Correct examples in Annex A**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222590**.

**S5-222590 Rel-16 CR 32.158 Correct examples in Annex A**

*Type: draftCR For: Approval  
 32.158 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222095)

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

**S5-222096 Rel-16 CR 28.532 Correct definition of Resource**

*Type: draftCR For: Approval  
 28.532 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222099 Rel-16 CR 28.532 Correct REST SS of deleteMOI**

*Type: draftCR For: Approval  
 28.532 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222591**.

**S5-222591 Rel-16 CR 28.532 Correct REST SS of deleteMOI**

*Type: draftCR For: Approval  
 28.532 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222099)

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

**S5-222102 Re-16 CR 28.622 Add missing definitions of common data types**

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

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

**S5-222111 Rel-16 CR 28.623 Stage 3 Yang fix for 3GPP Common Trace**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222592**.

**S5-222592 Rel-16 CR 28.623 Stage 3 Yang fix for 3GPP Common Trace**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell,Ericsson*

(Replaces S5-222111)

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

**S5-222116 Rel 17 TS 28.623 Stage 3 Yang fix for 3GPP Common Trace**

*Type: draftCR For: Approval  
 28.623 v17.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222119 Rel-16 CR 28.541 Diagram fix for NRM fragment for RRM policies**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222593**.

**S5-222593 Rel-16 CR 28.541 Diagram fix for NRM fragment for RRM policies**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222119)

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

**S5-222120 Rel-17 TS 28.541 Diagram fix for NRM fragment for RRM policies**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222131 Fixing OpenAPI Discoverability issue in EdgeNrm.yaml stage 3**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222132 Fixing OpenAPI Discoverability issue in CoslaNrm.yaml stage 3**

*Type: draftCR For: Approval  
 28.536 v16.3.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222133 Fixing OpenAPI Discoverability issue in CoslaNrm.yaml stage 3**

*Type: draftCR For: Approval  
 28.536 v17.2.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222134 Add attributes for EP\_transport**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: TELUS*

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

**S5-222202 Rel-16 draftCR 28.622 Alignment of parameter names to 32.422 (stage 2)**

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

**Decision:** The document was **revised to S5-222595**.

**S5-222595 Rel-16 draftCR 28.622 Alignment of parameter names to 32.422 (stage 2)**

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

(Replaces S5-222202)

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

**S5-222203 Rel-16 draftCR 28.623 Alignment of parameter names to 32.422 (stage 3)**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222204 Rel-17 draftCR 28.622 Structuring of TraceJob IOC and Clean Up (stage 2)**

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

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

**S5-222205 Rel-17 draftCR 28.623 Structuring of TraceJob IOC and Clean Up (stage 3)**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222206 Rel-16 draftCR 28.622 Clean up of attribute properties**

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

**Decision:** The document was **revised to S5-222596**.

**S5-222596 Rel-16 draftCR 28.622 Clean up of attribute properties**

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

(Replaces S5-222206)

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

**S5-222207 Rel-17 draftCR 28.622 Clean up of attribute properties**

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

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

**S5-222209 Rel-17 draftCR 28.552 Correct handover execution failure per beam pair measurement**

*Type: draftCR For: Approval  
 28.552 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222210 Rel-17 draftCR 28.552 Clean up of PM related to MRO**

*Type: draftCR For: Approval  
 28.552 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222215 Rel-16 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222216 Rel-16 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-nrNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222217 Rel-16 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-sliceNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222218 Rel-17 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222219 Rel-17 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-nrNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222220 Rel-17 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-sliceNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222221 Rel-16 TS 28.541 OpenAPI file name and dependence change-5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222581**.

**S5-222581 Rel-16 TS 28.541 OpenAPI file name and dependence change-5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222221)

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

**S5-222222 Rel-16 TS 28.541 OpenAPI file name and dependence change-nrNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222582**.

**S5-222582 Rel-16 TS 28.541 OpenAPI file name and dependence change-nrNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222222)

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

**S5-222223 Rel-16 TS 28.541 OpenAPI file name and dependence change-sliceNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222583**.

**S5-222583 Rel-16 TS 28.541 OpenAPI file name and dependence change-sliceNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222223)

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

**S5-222224 Rel-17 TS 28.541 OpenAPI file name and dependence change-5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222225 Rel-17 TS 28.541 OpenAPI file name and dependence change-nrNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222226 Rel-17 TS 28.541 OpenAPI file name and dependence change-sliceNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222248 Rel-16 Draft CR 28.541 Correction on minor errrors in nrNRM yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222597**.

**S5-222597 Rel-16 Draft CR 28.541 Correction on minor errrors in nrNRM yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Huawei*

(Replaces S5-222248)

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

**S5-222249 Rel-17 Draft CR 28.541 Correction on minor errrors in nrNRM yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Huawei*

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

**S5-222250 Rel-16 Draft CR 28.541 Correcton on the attribute definition in the wrong yaml file**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222598**.

**S5-222598 Rel-16 Draft CR 28.541 Correcton on the attribute definition in the wrong yaml file**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Huawei*

(Replaces S5-222250)

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

**S5-222251 Rel-17 Draft CR 28.541 Correcton on the attribute definition in the wrong yaml file**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Huawei*

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

**S5-222264 Rel-17 Draft CR 28.541 Correction on two SLA attributes**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222599**.

**S5-222599 Rel-17 Draft CR 28.541 Correction on two SLA attributes**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Huawei*

(Replaces S5-222264)

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

**S5-222285 Rel-17 draftCR 28.541 Access specific slice configuration**

*Type: draftCR For: Agreement  
 28.541 v17.6.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222606**.

**S5-222606 Rel-17 draftCR 28.541 Access specific slice configuration**

*Type: draftCR For: Agreement  
 28.541 v17.6.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222285)

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

**S5-222293 Rel-16 TS 28.623 OpenAPI file name and dependence change-comDefs.yaml**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222584**.

**S5-222584 Rel-16 TS 28.623 OpenAPI file name and dependence change-comDefs.yaml**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222293)

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

**S5-222294 Rel-16 TS 28.623 OpenAPI file name and dependence change-genericNrm.yaml**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222585**.

**S5-222585 Rel-16 TS 28.623 OpenAPI file name and dependence change-genericNrm.yaml**

*Type: draftCR For: Approval  
 28.623 v16.10.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222294)

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

**S5-222295 Rel-17 TS 28.623 OpenAPI file name and dependence change-comDefs.yaml**

*Type: draftCR For: Approval  
 28.623 v17.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222296 Rel-17 TS 28.623 OpenAPI file name and dependence change-genericNrm.yaml**

*Type: draftCR For: Approval  
 28.623 v17.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222320 Rel-16 draftCR 28.554 update formula of of PDU session establishment success rate**

*Type: other For: Agreement  
 28.554 v..  
 Source: Huawei*

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

**S5-222321 Rel-17 draftCR 28.554 update formula of of PDU session establishment success rate**

*Type: draftCR For: Agreement  
 28.554 v..  
 Source: Huawei*

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

**S5-222342 Rel-17 draftCR for TS28.552 Correct the QoS flow setup related counters**

*Type: draftCR For: Agreement  
 28.552 v17.6.0  
 Source: ZTE*

**Decision:** The document was **revised to S5-222632**.

**S5-222632 Rel-17 draftCR for TS28.552 Correct the QoS flow setup related counters**

*Type: draftCR For: Agreement  
 28.552 v17.6.0  
 Source: ZTE*

(Replaces S5-222342)

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

**S5-222363 Rel-17 draftCR for TS28.552 Change the measurement object class to support MOCN network sharing with multiple Cell Identity broadcast scenarios**

*Type: draftCR For: Agreement  
 28.552 v17.6.0  
 Source: ZTE*

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

**S5-222380 Rel-17 draftCR for TS28.552 Add the measurement object class to support MOCN network sharing with multiple Cell Identity broadcast scenarios**

*Type: draftCR For: Agreement  
 28.552 v17.6.0  
 Source: ZTE*

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

**S5-222382 Rel-16 CR TS 28.536 OpenAPI file name and dependence change-coslaNrm**

*Type: draftCR For: Approval  
 28.536 v16.3.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222383 Rel-17 CR TS 28.536 OpenAPI file name and dependence change-coslaNrm**

*Type: draftCR For: Approval  
 28.536 v17.2.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222384 Rel-17 CR TS 28.312 OpenAPI file name and dependence change-intentNrm**

*Type: draftCR For: Approval  
 28.312 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222385 Rel-17 CR TS 28.538 OpenAPI file name and dependence change-edgeNrm**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222386 Rel-16 CR TS 28.541 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222387 Rel-17 CR TS 28.541 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222388 Rel-16 CR TS 28.541 Add attribute properties for NetworkSliceSubnet attribute priorityLabel**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222389 Rel-17 CR TS 28.541 Add attribute properties for NetworkSliceSubnet attribute priorityLabel**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222390 Rel-17 CR TS 28.541 Fix to change Support Qualifier to S**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222391 Rel-17 CR TS 28.541 Define LogicInterfaceInfo datatype and fix attribute properties for logicInterfaceInfo**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222600**.

**S5-222600 Rel-17 CR TS 28.541 Define LogicInterfaceInfo datatype and fix attribute properties for logicInterfaceInfo**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222391)

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

**S5-222470 Rel-16 draftCR 28.552 Clean up of PM related to MRO**

*Type: draftCR For: Approval  
 28.552 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222601**.

**S5-222601 Rel-16 draftCR 28.552 Clean up of PM related to MRO**

*Type: draftCR For: Approval  
 28.552 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222470)

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

**S5-222487 Rel-17 Draft CR 28.552 Correct implementation mistakes**

*Type: draftCR For: Approval  
 28.552 v..  
 Source: Ericsson France S.A.S,Nokia, Nokia Shanghai Bell*

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

**S5-222495 DraftCR 28.541 Correct NR NRM defaultValue Null**

*Type: draftCR For: (not specified)  
 28.541 v15.8.0  
 Source: Ericsson*

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

**S5-222501 Rel-16 Draft CR 28.532 OpenAPI file name and dependence change- part1**

*Type: draftCR For: Approval  
 28.532 v16.10.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222580**.

**S5-222580 Rel-16 Draft CR 28.532 OpenAPI file name and dependence change- part1**

*Type: draftCR For: Approval  
 28.532 v16.10.0  
 Source: Huawei*

(Replaces S5-222501)

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

**S5-222502 Rel-16 Draft CR 28.532 OpenAPI file name and dependence change- part2**

*Type: draftCR For: Approval  
 28.532 v16.10.0  
 Source: Huawei*

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

**S5-222503 Rel-16 Draft CR 28.550 OpenAPI file name and dependence change**

*Type: draftCR For: Approval  
 28.550 v16.8.0  
 Source: Huawei*

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

**S5-222504 Rel-17 Draft CR 28.532 OpenAPI file name and dependence change- part1**

*Type: draftCR For: Approval  
 28.532 v17.0.0  
 Source: Huawei*

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

**S5-222505 Rel-17 Draft CR 28.532 OpenAPI file name and dependence change- part2**

*Type: draftCR For: Approval  
 28.532 v17.0.0  
 Source: Huawei*

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

**S5-222518 CT OpenAPI file relative-path URI references and dependence change for 5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222519 Rel-17 CT OpenAPI file relative-path URI references and dependence change for 5gcNrm.yaml**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222521 Rel-17 Draft CR For TS 28.554 Updating Packet transmission reliability KPI in DL on N3**

*Type: draftCR For: Approval  
 28.554 v17.6.0  
 Source: Samsung Electronics Co., Ltd*

**Decision:** The document was **revised to S5-222613**.

**S5-222613 Rel-17 Draft CR For TS 28.554 Updating Packet transmission reliability KPI in DL on N3**

*Type: draftCR For: Approval  
 28.554 v17.6.0  
 Source: Samsung Electronics Co., Ltd*

(Replaces S5-222521)

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

**S5-222526 Rel-17 DraftCR Dont use isNullable true**

*Type: draftCR For: Approval  
 32.156 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222527 Rel-17 Draft CR 28.541 Correct maximumDeviationHoTrigger for D-LBO**

*Type: draftCR For: Approval  
 28.541 v..  
 Source: Ericsson France S.A.S*

**Decision:** The document was **revised to S5-222602**.

**S5-222602 Rel-17 Draft CR 28.541 Correct maximumDeviationHoTrigger for D-LBO**

*Type: draftCR For: Approval  
 28.541 v..  
 Source: Ericsson France S.A.S*

(Replaces S5-222527)

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

**S5-222528 Rel-16 draftCR 28.541 Fix BWP association to NRCellDU**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-222571**.

**S5-222571 Rel-16 draftCR 28.541 Fix BWP association to NRCellDU**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Ericsson LM*

(Replaces S5-222528)

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

**S5-222530 Rel-16 draftCR 28.532 Fix FileDataType definition (OpenAPI)**

*Type: draftCR For: Approval  
 28.532 v16.10.0  
 Source: Ericsson LM*

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

**S5-222532 Rel-16 draftCR 28.541 Update 5QI set description (YANG)**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-222603**.

**S5-222603 Rel-16 draftCR 28.541 Update 5QI set description (YANG)**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Ericsson LM*

(Replaces S5-222532)

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

**S5-222535 Rel-16 draftCR 28.541 Rel-16 Update 5QI set attribute definition**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-222604**.

**S5-222604 Rel-16 draftCR 28.541 Rel-16 Update 5QI set attribute definition**

*Type: draftCR For: Approval  
 28.541 v16.12.1  
 Source: Ericsson LM*

(Replaces S5-222535)

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

**S5-222536 draftCR R17 Add support for disabling CL for certain MOI**

*Type: CR For: Agreement  
 28.536 v17.2.0  
 Source: Lenovo, Motorola Mobility*

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

**S5-222537 Rel-16 DraftCR Alarm Handling Clarifications**

*Type: other For: Approval  
 28.622 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222539 Rel-16 DraftCR YANG corrections**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222546 Rel-17 DraftCR Data change notifications YANG-in-Rest format**

*Type: draftCR For: Approval  
 28.532 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222547 Rel-17 Input to DraftCR YANG Mapping Corrections**

*Type: other For: Approval  
 32.160 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222548 Rel-17 Input to DraftCR Correct isOrdered-NA and isUnique-NA for multivalue attributes**

*Type: other For: Approval  
 28.622 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222549 Rel-17 Input to DraftCR Correct isOrdered-NA and isUnique-NA for multivalue attributes**

*Type: other For: Approval  
 28.541 v..  
 Source: Ericsson Hungary Ltd*

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

**S5-222552 draftCR R17 Add support for disabling CL for certain MOI**

*Type: draftCR For: (not specified)  
 28.536 v17.2.0  
 Source: Lenovo, Motorola Mobility*

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

#### 6.4.1 Self-Configuration of RAN NEs

**S5-222252 pCR TS 28.317 Add scope**

*Type: pCR For: Approval  
 28.317 v0.0.0  
 Source: Huawei,China Mobile*

**Decision:** The document was **revised to S5-222605**.

**S5-222605 pCR TS 28.317 Add scope**

*Type: pCR For: Approval  
 28.317 v0.0.0  
 Source: Huawei,China Mobile*

(Replaces S5-222252)

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

**S5-222393 Initial skeleton (v000) of TS 28.317**

*Type: draft TS For: Approval  
 28.317 v0.0.0  
 Source: China Mobile, Huawei*

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

**S5-222397 28.317 Skeleton Proposal**

*Type: pCR For: Approval  
 28.317 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222634**.

**S5-222634 28.317 Skeleton Proposal**

*Type: pCR For: Approval  
 28.317 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222397)

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

**S5-222399 28.317 Add Concept**

*Type: pCR For: Approval  
 28.317 v0.0.0  
 Source: China Mobile, Huawei*

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

**S5-222726 draft TS 28.317**

*Type: draft TS For: Approval  
 28.317 v0.1.0  
 Source: China Mobile*

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

#### 6.4.2 Network slicing provisioning rules

**S5-222488 Input to draftCR 28.541 Add network slice rules to NRM**

*Type: other For: Approval  
 28.541 v..  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222490 Input to draftCR 28.531 Specify network slicing provisioning rules requirements**

*Type: other For: Approval  
 28.531 v..  
 Source: Ericsson GmbH, Eurolab*

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

#### 6.4.3 Additional NRM features phase 2

**S5-222451 Rel-18 Input to draftCR 28.622 Add Scheduler IOC (stage 2)**

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

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

**S5-222452 Rel-18 Input to draftCR 28.623 Add Scheduler IOC (stage 3)**

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

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

**S5-222453 Rel-17 draftCR 28.622 Enhancement of SupportedPerfMetricGroup (stage 2)**

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

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

**S5-222454 Rel-17 draftCR 28.623 Enhancement of SupportedPerfMetricGroup (stage 3)**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222510 NRM enhacements for UPFFunction (stage 2)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia Germany*

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

**S5-222514 NRM enhancements for UPFFunction (Stage 3)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia Germany*

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

**S5-222516 Enhance 5G Core managed NF Profile NRM fragment (Stage 3)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia Germany*

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

**S5-222517 Enhance 5G Core managed NF Profile NRM fragment (Stage 2)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia Germany*

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

**S5-222541 Discussion on enhanced BWP configuration support in NRM**

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

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

**S5-222542 Discussion on enhanced QoS model**

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

**Decision:** The document was **revised to S5-222627**.

**S5-222627 Discussion on enhanced QoS model**

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

(Replaces S5-222542)

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

**S5-222544 Rel-18 Input to draftCR 28.622 Enhance PerfMetricJob by scheduling condition (stage 2)**

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

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

**S5-222545 Rel-18 Input to draftCR 28.623 Enhance PerfMetricJob by scheduling condition (stage 3)**

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

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

**S5-222564 Rel-18 DraftCR NRM enhacements for UPFFunction (stage 2)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia*

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

**S5-222565 Rel-18 DraftCR NRM enhancements for UPFFunction (Stage 3)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia*

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

**S5-222566 Rel-18 DraftCR Enhance 5G Core managed NF Profile NRM fragment (Stage 3)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia*

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

**S5-222567 Rel-18 DraftCR Enhance 5G Core managed NF Profile NRM fragment (Stage 2)**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia*

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

#### 6.4.4 Enhanced Edge Computing Management

**S5-222042 [Draft CR] Rel-18 28.622 Add stage 2 solution for LcmJob IOC**

*Type: draftCR For: Approval  
 28.622 v17.1.1  
 Source: Intel Korea, Ltd.*

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

**S5-222043 [Draft CR] Rel-18 28.623 Add stage 3 solution for LcmJob IOC**

*Type: draftCR For: Approval  
 28.623 v17.1.0  
 Source: Intel Korea, Ltd.*

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

**S5-222047 [Draft CR] Rel-18 28.538 Add a use case for EAS discovery failure**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

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

**S5-222048 [Draft CR] Rel-18 28.538 Add a procedurefor EAS discovery failure**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

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

**S5-222049 [Draft CR] Rel-18 28.538 Add the stage 2 solution for EASDiscovery IOC**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

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

**S5-222050 [Draft CR] Rel-18 28.538 Add the stage 2 solution for EASDiscovery IOC**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

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

**S5-222059 R17 TS 28.538 add modification procedures**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: AsiaInfo Technologies Inc*

**Decision:** The document was **revised to S5-222607**.

**S5-222607 R17 TS 28.538 add modification procedures**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: AsiaInfo Technologies Inc*

(Replaces S5-222059)

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

**S5-222060 R17 TS 28.538 add query procedures**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: AsiaInfo Technologies Inc*

**Decision:** The document was **revised to S5-222608**.

**S5-222608 R17 TS 28.538 add query procedures**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: AsiaInfo Technologies Inc*

(Replaces S5-222060)

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

**S5-222291 Rel-18 InputToDraftCR 28.538 EESFunction IOC**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222628**.

**S5-222628 Rel-18 InputToDraftCR 28.538 EESFunction IOC**

*Type: other For: Agreement  
 28.538 v..  
 Source: Samsung R&D Institute India*

(Replaces S5-222291)

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

**S5-222337 DraftCR 28.538 update description of ECM LCM**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

**Decision:** The document was **revised to S5-222609**.

**S5-222609 DraftCR 28.538 update description of ECM LCM**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

(Replaces S5-222337)

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

**S5-222338 DraftCR 28.538 update ECM NRM stage 2**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

**Decision:** The document was **revised to S5-222610**.

**S5-222610 DraftCR 28.538 update ECM NRM stage 2**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

(Replaces S5-222338)

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

**S5-222339 DraftCR 28.538 update ECM NRM stage 3**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

**Decision:** The document was **revised to S5-222611**.

**S5-222611 DraftCR 28.538 update ECM NRM stage 3**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

(Replaces S5-222339)

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

**S5-222340 DraftCR 28.538 correct EAS lifecycle management procedure**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

**Decision:** The document was **revised to S5-222612**.

**S5-222612 DraftCR 28.538 correct EAS lifecycle management procedure**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Huawei*

(Replaces S5-222340)

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

**S5-222568 LS on the clarification of Dynamic EAS instantiation triggering**

*Type: LS out For: Approval  
 to SA6  
 Source: Intel*

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

#### 6.4.5 Enhancements of EE for 5G Phase 2

#### 6.5.1 Study on enhancement of autonomous network levels

**S5-222061 Add key issue #X: ANL for RAN Energy Saving**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: AsiaInfo Technologies Inc*

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

**S5-222126 TR 28.910 v0.0.0 Initial skeleton**

*Type: draft TR For: Approval  
 28.910 v0.0.0  
 Source: China Mobile, Huawei*

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

**S5-222128 pCR 28.910 Add TR structure**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222615**.

**S5-222615 pCR 28.910 Add TR structure**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222128)

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

**S5-222129 pCR 28.910 Add scope**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222616**.

**S5-222616 pCR 28.910 Add scope**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222129)

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

**S5-222253 pCR TR 28.910 Add autonomous network level for radio network planning**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: Huawei,China Mobile*

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

**S5-222254 pCR TS 28.910 Add autonomous network level for RAN energy saving scenario**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222614**.

**S5-222614 pCR TS 28.910 Add autonomous network level for RAN energy saving scenario**

*Type: pCR For: Approval  
 28.910 v0.0.0  
 Source: Huawei,AsiaInfo, China Mobile*

(Replaces S5-222254)

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

**S5-222727 draft TR 28.910**

*Type: draft TR For: Approval  
 28.910 v0.1.0  
 Source: China Mobile*

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

#### 6.5.2 Study on evaluation of autonomous network levels

**S5-222121 TR 28.909 v0.0.0 Initial skeleton**

*Type: draft TR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

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

**S5-222123 pCR 28.909 Add TR structure and abbreviation**

*Type: pCR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222617**.

**S5-222617 pCR 28.909 Add TR structure and abbreviation**

*Type: pCR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222123)

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

**S5-222124 pCR 28.909 Add scope**

*Type: pCR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222618**.

**S5-222618 pCR 28.909 Add scope**

*Type: pCR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222124)

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

**S5-222125 pCR 28.909 Add concept description for autonomous network level evaluation**

*Type: pCR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222619**.

**S5-222619 pCR 28.909 Add concept description for autonomous network level evaluation**

*Type: pCR For: Approval  
 28.909 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222125)

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

**S5-222728 draft TR 28.909**

*Type: draft TR For: Approval  
 28.909 v0.1.0  
 Source: China Mobile*

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

#### 6.5.3 Study on enhanced intent driven management services for mobile networks

**S5-222244 TR 28.912 initial version-0.0.0**

*Type: draft TR For: Approval  
 28.912 v0.0.0  
 Source: Huawei,Ericsson*

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

**S5-222255 pCR TR 28.912 Add scope**

*Type: pCR For: Approval  
 28.912 v0.0.0  
 Source: Huawei,Ericsson*

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

**S5-222256 pCR TR 28.912 Add structure**

*Type: pCR For: Approval  
 28.912 v0.0.0  
 Source: Huawei,Ericsson*

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

**S5-222299 pCR TR 28.912 Add key issue for intent driven approach for RAN energy saving**

*Type: pCR For: Approval  
 28.912 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222620**.

**S5-222620 pCR TR 28.912 Add key issue for intent driven approach for RAN energy saving**

*Type: pCR For: Approval  
 28.912 v0.0.0  
 Source: Huawei*

(Replaces S5-222299)

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

**S5-222569 pCR TR 28.912 Add potential requirements for intent conflict information**

*Type: pCR For: Approval  
 28.912 v0.0.0  
 Source: Nokia*

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

**S5-222729 draft TR 28.912**

*Type: draft TR For: Approval  
 28.912 v0.1.0  
 Source: Huawei*

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

#### 6.5.4 Study on intent-driven management for network slicing

**S5-222038 Rel-18 TR 28.836-Cover Sheet**

*Type: TS or TR cover For: (not specified)  
 28.836 v0.0.0  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222039 Rel-18 pCR TR 28.836 Structure**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222040 Rel-18 pCR TR 28.836 Add scope**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

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

**S5-222041 Rel-18 pCR TR 28.836 Add introduction**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

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

**S5-222098 TR 28.836 skeleton -0.0.0**

*Type: draft TR For: (not specified)  
 28.836 v0.0.0  
 Source: Ericsson*

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

**S5-222322 pCR 28.836 Add background of mapping in TS 28.531**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222636**.

**S5-222636 pCR 28.836 Add background of mapping in TS 28.531**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Huawei*

(Replaces S5-222322)

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

**S5-222323 pCR 28.836 Add background information related to 28.312**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222637**.

**S5-222637 pCR 28.836 Add background information related to 28.312**

*Type: pCR For: Approval  
 28.836 v0.0.0  
 Source: Huawei*

(Replaces S5-222323)

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

**S5-222730 draft TR 28.836**

*Type: draft TR For: Approval  
 28.836 v0.1.0  
 Source: Ericsson*

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

#### 6.5.5 Study on AI/ ML management

**S5-222178 Initial skeleton (v000) of TR 28.908**

*Type: draft TR For: Information  
 28.908 v0.0.0  
 Source: Intel Technology Poland SP Zoo*

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

**S5-222188 pCR 28.908 Add scope**

*Type: pCR For: Approval  
 28.908 v0.0.0  
 Source: Intel, NEC*

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

**S5-222191 pCR 28.908 Add AI-ML workflow for 5GS**

*Type: pCR For: Approval  
 28.908 v0.0.0  
 Source: Intel, NEC*

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

**S5-222192 pCR 28.908 Add use case on AI-ML model validation**

*Type: pCR For: Approval  
 28.908 v0.0.0  
 Source: Intel, NEC*

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

**S5-222464 Rel-18 pCR TR 28.908 Add key issues of Model deployment for MDA**

*Type: pCR For: Approval  
 28.908 v0.0.0  
 Source: Huawei*

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

**S5-222465 Rel-18 pCR TR 28.908 Add key issues of Energy saving AIML management**

*Type: pCR For: Approval  
 28.908 v0.0.0  
 Source: Huawei*

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

**S5-222477 pCR 28.908 Add AI/ML management overview**

*Type: pCR For: Approval  
 28.908 v0.0.0  
 Source: NEC, Intel*

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

**S5-222731 draft TR 28.908**

*Type: draft TR For: Approval  
 28.908 v0.1.0  
 Source: Intel*

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

#### 6.5.6 Study on Enhancement of the management aspects related to NWDAF

**S5-222052 TR 28.864-0.0.0 initial skeleton**

*Type: draft TR For: (not specified)  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

**Abstract:**

The initial skeleton of 28.864

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

**S5-222053 pCR 28.864 Clause titles for TR28.864**

*Type: pCR For: (not specified)  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

**Abstract:**

Proposal of the clause titles for TR28.864

**Decision:** The document was **revised to S5-222621**.

**S5-222621 pCR 28.864 Clause titles for TR28.864**

*Type: pCR For: -  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-222053)

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

**S5-222064 pCR 28.864 new KI on NRM enhancement to support Multiple NWDAF Deployment**

*Type: pCR For: (not specified)  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

**Abstract:**

Propose new KI on NRM enhancement to support Multiple NWDAF Deployment

**Decision:** The document was **revised to S5-222622**.

**S5-222622 pCR 28.864 new KI on NRM enhancement to support Multiple NWDAF Deployment**

*Type: pCR For: -  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-222064)

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

**S5-222475 pCR 28.864 Add new key issue for the performance management of the NWDAF on the interaction aspect**

*Type: pCR For: Approval  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

**Decision:** The document was **revised to S5-222624**.

**S5-222624 pCR 28.864 Add new key issue for the performance management of the NWDAF on the interaction aspect**

*Type: pCR For: Approval  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-222475)

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

**S5-222476 pCR 28.864 Add new key issue for the NRM enhancement of NWDAF to support the logical decomposition of NWDAF**

*Type: pCR For: Approval  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

**Decision:** The document was **revised to S5-222623**.

**S5-222623 pCR 28.864 Add new key issue for the NRM enhancement of NWDAF to support the logical decomposition of NWDAF**

*Type: pCR For: Approval  
 28.864 v0.0.0  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-222476)

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

**S5-222732 draft TR 28.864**

*Type: draft TR For: Approval  
 28.864 v0.1.0  
 Source: China Telecom*

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

#### 6.5.7 Study on Fault Supervision Evolution

**S5-222371 TR 28.830 v0.0.0 Initial skeleton**

*Type: draft TR For: Approval  
 28.830 v0.0.0  
 Source: China Mobile, Huawei*

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

**S5-222373 pCR 28.830 Add TR structure**

*Type: pCR For: Approval  
 28.830 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222625**.

**S5-222625 pCR 28.830 Add TR structure**

*Type: pCR For: Approval  
 28.830 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222373)

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

**S5-222374 pCR 28.830 Add background**

*Type: pCR For: Approval  
 28.830 v0.0.0  
 Source: China Mobile, Huawei*

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

**S5-222375 pCR 28.830 Add scope**

*Type: pCR For: Approval  
 28.830 v0.0.0  
 Source: China Mobile, Huawei*

**Decision:** The document was **revised to S5-222626**.

**S5-222626 pCR 28.830 Add scope**

*Type: pCR For: Approval  
 28.830 v0.0.0  
 Source: China Mobile, Huawei*

(Replaces S5-222375)

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

**S5-222733 draft TR 28.830**

*Type: draft TR For: Approval  
 28.830 v0.1.0  
 Source: China Mobile*

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

#### 6.5.8 Study on Enhancement of service based management architecture

**S5-222353 pCR TR 28.925 Add key issue on the applicable content from TS 32.101 section 4**

*Type: pCR For: (not specified)  
 28.925 v0.4.0  
 Source: Huawei Technologies (Korea)*

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

**S5-222354 pCR TR 28.925 Add key issue on the applicable content from TS 32.101 section 7**

*Type: pCR For: (not specified)  
 28.925 v0.4.0  
 Source: Huawei Technologies (Korea)*

**Decision:** The document was **revised to S5-222629**.

**S5-222629 pCR TR 28.925 Add key issue on the applicable content from TS 32.101 section 7**

*Type: pCR For: -  
 28.925 v0.4.0  
 Source: Huawei Technologies (Korea)*

(Replaces S5-222354)

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

**S5-222358 pCR TR 28.925 Add Key issue on management reference model analysis in TS 32.101**

*Type: pCR For: (not specified)  
 28.925 v0.4.0  
 Source: Huawei Technologies (Korea)*

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

**S5-222491 pCR R18 28.925-030 Proposal to update 32.401 and 32.404 for SBMA**

*Type: pCR For: (not specified)  
 28.925 v0.4.0  
 Source: Ericsson*

**Decision:** The document was **revised to S5-222630**.

**S5-222630 pCR R18 28.925-030 Proposal to update 32.401 and 32.404 for SBMA**

*Type: pCR For: -  
 28.925 v0.4.0  
 Source: Ericsson*

(Replaces S5-222491)

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

**S5-222734 draft TR 28.925**

*Type: draft TR For: Approval  
 28.925 v0.5.0  
 Source: Huawei*

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

#### 6.5.9 Study on Basic SBMA enabler enhancements

**S5-222173 S5-222173 Rel-18 pCR 28.831 Add skeleton**

*Type: pCR For: Approval  
 28.831 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222174 Rel-18 pCR 28.831 Add key issue 1 Schema for notifyMOIChanges**

*Type: pCR For: Approval  
 28.831 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222175 Rel-18 pCR 28.831 Add key issue 2 Targeted notification subscriptions**

*Type: pCR For: Approval  
 28.831 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222176 Rel-18 pCR 28.831 Add material key issue 2 Targeted notification subscriptions**

*Type: pCR For: Approval  
 28.831 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222520 Draft TR 28.831**

*Type: draft TR For: Approval  
 28.831 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222735 draft TR 28.831**

*Type: draft TR For: Approval  
 28.831 v0.1.0  
 Source: Nokia*

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

#### 6.5.10 Study on Management Aspects of URLLC

**S5-222292 TR 28.832-0.0.0 initial skeleton**

*Type: draft TR For: Approval  
 28.832 v0.0.0  
 Source: China Unicom*

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

**S5-222307 Add scope**

*Type: pCR For: Approval  
 28.832 v0.0.0  
 Source: China Unicom*

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

**S5-222344 pCR 28.832 Add Concepts and overview**

*Type: pCR For: Approval  
 28.832 v0.0.0  
 Source: China Unicom*

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

**S5-222350 pCR TR28.832 Add key issue on classification of URLLC related RAN features from management perspective**

*Type: pCR For: Approval  
 28.832 v0.0.0  
 Source: China Unicom*

**Decision:** The document was **revised to S5-222660**.

**S5-222660 pCR TR28.832 Add key issue on classification of URLLC related RAN features from management perspective**

*Type: pCR For: Approval  
 28.832 v0.0.0  
 Source: China Unicom*

(Replaces S5-222350)

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

**S5-222736 draft TR 28.832**

*Type: draft TR For: Approval  
 28.832 v0.1.0  
 Source: China Unicom*

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

#### 6.5.11 Study on Management Aspect of 5GLAN

**S5-222300 TR 28.833 Initial Skeleton v0.0.0**

*Type: draft TR For: (not specified)  
 28.833 v0.0.0  
 Source: China Mobile Com. Corporation*

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

**S5-222301 TR 28.833 Add TR structure**

*Type: pCR For: (not specified)  
 28.833 v0.0.0  
 Source: China Mobile Com. Corporation*

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

**S5-222302 TR 28.833 Add scope of management aspect of 5GLAN**

*Type: pCR For: (not specified)  
 28.833 v0.0.0  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-222661**.

**S5-222661 TR 28.833 Add scope of management aspect of 5GLAN**

*Type: pCR For: -  
 28.833 v0.0.0  
 Source: China Mobile Com. Corporation*

(Replaces S5-222302)

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

**S5-222303 TR 28.833 Add concepts and background of FS\_5GLAN\_Mgt**

*Type: pCR For: (not specified)  
 28.833 v0.0.0  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **revised to S5-222662**.

**S5-222662 TR 28.833 Add concepts and background of FS\_5GLAN\_Mgt**

*Type: pCR For: -  
 28.833 v0.0.0  
 Source: China Mobile Com. Corporation*

(Replaces S5-222303)

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

**S5-222737 draft TR 28.833**

*Type: draft TS For: Approval  
 28.833 v0.1.0  
 Source: China Mobile*

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

#### 6.5.12 Study on Management of Cloud Native Virtualized Network Functions

#### 6.5.13 Study on Management Aspects of 5G MOCN Network Sharing Phase2

**S5-222297 TR 28.835-0.0.0 initial skeleton**

*Type: draft TR For: Approval  
 28.835 v0.0.0  
 Source: China Unicom*

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

**S5-222308 Add scope to TR 28.835**

*Type: pCR For: Approval  
 28.835 v0.0.0  
 Source: China Unicom*

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

**S5-222343 Add key issue management requirement for different POP’s network operation**

*Type: pCR For: Approval  
 28.835 v0.0.0  
 Source: China Unicom*

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

**S5-222356 Add key issue performance measurements without PLMN ID at NRcellCU**

*Type: pCR For: Approval  
 28.835 v0.0.0  
 Source: China Unicom*

**Decision:** The document was **revised to S5-222663**.

**S5-222663 Add key issue performance measurements without PLMN ID at NRcellCU**

*Type: pCR For: Approval  
 28.835 v0.0.0  
 Source: China Unicom*

(Replaces S5-222356)

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

**S5-222359 Add potential solution for performance measurements without PLMN ID at NRcellCU**

*Type: pCR For: Approval  
 28.835 v0.0.0  
 Source: China Unicom*

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

**S5-222738 draft TR 28.835**

*Type: draft TR For: Approval  
 28.835 v0.1.0  
 Source: China Unicom*

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

#### 6.5.14 Study on continuous integration continuous delivery support for 3GPP NFs

**S5-222324 pCR 28.819 Add description of roles**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222664**.

**S5-222664 pCR 28.819 Add description of roles**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: Huawei*

(Replaces S5-222324)

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

**S5-222325 pCR 28.819 Add description of deployment options**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: Huawei*

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

**S5-222326 pCR 28.819 Update the phase of 3GPP NF monitoring**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222665**.

**S5-222665 pCR 28.819 Update the phase of 3GPP NF monitoring**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: Huawei*

(Replaces S5-222326)

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

**S5-222345 pCR 28.819 Solution of test orchestration**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: China Mobile Com. Corporation, Lenovo, Motorola Mobility*

**Decision:** The document was **revised to S5-222666**.

**S5-222666 pCR 28.819 Solution of test orchestration**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: China Mobile Com. Corporation, Lenovo, Motorola Mobility*

(Replaces S5-222345)

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

**S5-222346 pCR 28.819 Proposed overall process**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: China Mobile Com. Corporation, Lenovo, Motorola Mobility*

**Decision:** The document was **revised to S5-222755**.

**S5-222755 pCR 28.819 Proposed overall process**

*Type: pCR For: Approval  
 28.819 v0.5.0  
 Source: China Mobile Com. Corporation, Lenovo, Motorola Mobility*

(Replaces S5-222346)

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

**S5-222739 draft TR 28.819**

*Type: draft TR For: Approval  
 28.819 v0.6.0  
 Source: Lenovo*

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

#### 6.5.15 Study on Management of Trace/MDT phase 2

**S5-222186 draft TR 28.837**

*Type: draft TR For: Approval  
 28.837 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222190 pCR 28.837 skeleton**

*Type: pCR For: Approval  
 28.837 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222211 pCR 28.837 scope**

*Type: pCR For: Approval  
 28.837 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222213 pCR 28.837 Reporting Methods of TraceJob and PerfMetricJob**

*Type: pCR For: Approval  
 28.837 v0.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222740 draft TR 28.837**

*Type: draft TR For: Approval  
 28.837 v0.1.0  
 Source: Nokia*

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

#### 6.5.16 Study on YANG PUSH

#### 6.5.17 Study on enhancement of management of non-public networks

**S5-222265 TR 28.907 initial skeleton**

*Type: draft TR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

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

**S5-222266 pCR 28.907 Skeleton proposal from Rapporteur**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

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

**S5-222267 pCR 28.907 Scope proposal from Rapporteur**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

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

**S5-222268 pCR 28.907 Overview proposal**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

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

**S5-222269 Update SID on enhancement of management of NPN**

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

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

**S5-222270 pCR 28.907 Key Issue on Resource isolation demand for vertical applications**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222667**.

**S5-222667 pCR 28.907 Key Issue on Resource isolation demand for vertical applications**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

(Replaces S5-222270)

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

**S5-222271 pCR 28.907 Key Issue on E2E fault management**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222668**.

**S5-222668 pCR 28.907 Key Issue on E2E fault management**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

(Replaces S5-222271)

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

**S5-222272 pCR 28.907 Key Issue on Management of NPN service customer**

*Type: pCR For: Approval  
 28.907 v0.0.0  
 Source: Huawei*

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

**S5-222741 draft TR 28.907**

*Type: draft TR For: Approval  
 28.907 v0.1.0  
 Source: Huawei*

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

#### 6.5.18 Study on new aspects of EE for 5G networks Phase 2

**S5-222022 TR 28.913 skeleton**

*Type: draft TR For: Approval  
 28.913 v0.0.0  
 Source: Orange*

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

**S5-222023 pCR TR 28.913 Clause titles for key issues and solutions**

*Type: pCR For: Approval  
 28.913 v0.0.0  
 Source: Orange*

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

**S5-222024 pCR TR 28.913 New Key Issue Considering additional virtual resources usage**

*Type: pCR For: Approval  
 28.913 v0.0.0  
 Source: Orange, AT&T, Telefonica*

**Discussion:**

Deutsche Telekom supported this contribution.

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

**S5-222025 pCR TR 28.913 New key issue Considering Containerized Network Functions**

*Type: pCR For: Approval  
 28.913 v0.0.0  
 Source: Orange, AT&T, Telefonica, Deutsche Telekom*

**Decision:** The document was **revised to S5-222669**.

**S5-222669 pCR TR 28.913 New key issue Considering Containerized Network Functions**

*Type: pCR For: Approval  
 28.913 v0.0.0  
 Source: Orange, AT&T, Telefonica, Deutsche Telekom*

(Replaces S5-222025)

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

**S5-222026 pCR TR 28.913 New key issue Energy Consumption of RAN nodes**

*Type: pCR For: Approval  
 28.913 v0.0.0  
 Source: Orange, Deutsche Telekom*

**Decision:** The document was **revised to S5-222670**.

**S5-222670 pCR TR 28.913 New key issue Energy Consumption of RAN nodes**

*Type: pCR For: Approval  
 28.913 v0.0.0  
 Source: Orange, Deutsche Telekom*

(Replaces S5-222026)

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

**S5-222742 draft TR 28.913**

*Type: draft TR For: Approval  
 28.913 v0.1.0  
 Source: Orange*

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

#### 6.5.19 Study on Network and Service Operations for Energy Utilities

**S5-222016 Rel-18 pCR TR 28.829-Annex-B-IT Services Model**

*Type: pCR For: Approval  
 28.829 v0.0.0  
 Source: Samsung, EUTC, EDF, BMWK*

**Abstract:**

This pCR provides an annex relevant to the problem domain that the study will address.

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

**S5-222017 TR 22.829 skeleton cover sheet**

*Type: draft TR For: Agreement  
 28.829 v0.0.0  
 Source: Samsung (Rapporteur)*

**Abstract:**

This TR provides a bare skeleton, according to the default form, adding only the specification title to that.

**Decision:** The document was **revised to S5-222671**.

**S5-222671 TR 22.829 skeleton cover sheet**

*Type: draft TR For: Agreement  
 28.829 v0.0.0  
 Source: Samsung (Rapporteur)*

(Replaces S5-222017)

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

**S5-222018 pCR 28.829 Structure**

*Type: pCR For: Approval  
 28.829 v0.0.0  
 Source: Samsung (Rapporteur)*

**Abstract:**

This pCR provides the structure of the TR for the FS\_NSOEU study.

**Decision:** The document was **revised to S5-222672**.

**S5-222672 pCR 28.829 Structure**

*Type: pCR For: Approval  
 28.829 v0.0.0  
 Source: Samsung (Rapporteur)*

(Replaces S5-222018)

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

**S5-222019 pCR TR 28.829 Scope**

*Type: pCR For: Approval  
 28.829 v0.0.0  
 Source: Samsung, EUTC, EDF, BMWK*

**Abstract:**

This document is a pCR intending to add the scope to the new TR 28.902 for the study item FS\_NSOEU, Feasibility Study for Network and Service Operations for Energy Utilities.

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

**S5-222020 pCR TR 28.829 Overview**

*Type: pCR For: Approval  
 28.829 v0.0.0  
 Source: Samsung, EUTC, EDF, BMWK*

**Abstract:**

In this pCR the motivation and overall goal of the study is expressed in the General sub-clause of the Overview.

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

**S5-222743 draft TR 28.829**

*Type: draft TR For: Approval  
 28.829 v0.1.0  
 Source: Samsung*

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

#### 6.5.20 Study on Key Quality Indicators (KQIs)for 5G service experience

**S5-222107 TR 28.863-0.0.0 initial skeleton**

*Type: draft TR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222673**.

**S5-222673 TR 28.863-0.0.0 initial skeleton**

*Type: draft TR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

(Replaces S5-222107)

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

**S5-222108 pCR TR28.863 Skeleton proposal for TR28.863**

*Type: pCR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222674**.

**S5-222674 pCR TR28.863 Skeleton proposal for TR28.863**

*Type: pCR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

(Replaces S5-222108)

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

**S5-222109 pCR TR 28.863 add scope**

*Type: pCR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

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

**S5-222112 pCR TR 28.863 Key Issue # 1 Definition of KQI**

*Type: pCR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

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

**S5-222114 pCR TR 28.863 Key Issue # 2 Scenarios for 5G KQI**

*Type: pCR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222675**.

**S5-222675 pCR TR 28.863 Key Issue # 2 Scenarios for 5G KQI**

*Type: pCR For: Approval  
 28.863 v0.0.0  
 Source: Huawei*

(Replaces S5-222114)

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

**S5-222744 draft TR 28.863**

*Type: draft TR For: Approval  
 28.863 v0.1.0  
 Source: Huawei*

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

#### 6.5.21 Study on Deterministic Communication Service Assurance

**S5-222113 TR 28.865 Skeleton**

*Type: draft TR For: Approval  
 28.865 v0.0.0  
 Source: Huawei*

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

**S5-222115 pCR TR 28.865 Add scope of FS\_DCSA**

*Type: pCR For: Approval  
 28.865 v0.0.0  
 Source: Huawei Technologies Japan K.K.*

**Decision:** The document was **revised to S5-222677**.

**S5-222677 pCR TR 28.865 Add scope of FS\_DCSA**

*Type: pCR For: Approval  
 28.865 v0.0.0  
 Source: Huawei Technologies Japan K.K.*

(Replaces S5-222115)

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

**S5-222117 pCR TR 28.865 Add overview of FS\_DCSA**

*Type: pCR For: Approval  
 28.865 v0.0.0  
 Source: Huawei Technologies Japan K.K.*

**Decision:** The document was **revised to S5-222678**.

**S5-222678 pCR TR 28.865 Add overview of FS\_DCSA**

*Type: pCR For: Approval  
 28.865 v0.0.0  
 Source: Huawei Technologies Japan K.K.*

(Replaces S5-222117)

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

**S5-222118 pCR TR 28.865 Skeleton proposa**

*Type: pCR For: Approval  
 28.865 v0.0.0  
 Source: Huawei Technologies Japan K.K.*

**Decision:** The document was **revised to S5-222676**.

**S5-222676 pCR TR 28.865 Skeleton proposa**

*Type: pCR For: Approval  
 28.865 v0.0.0  
 Source: Huawei Technologies Japan K.K.*

(Replaces S5-222118)

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

**S5-222745 draft TR 28.865**

*Type: draft TR For: discussion  
 28.865 v0.1.0  
 Source: Huawei*

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

#### 6.5.22 Study on management aspects of network slice management capability exposure

**S5-222135 Add procedure for consumption of exposed MnS after service order is completed**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

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

**S5-222189 Discussion paper on management capability exposure using CAPIF**

*Type: discussion For: Endorsement  
 28.824 v..  
 Source: Ericsson, Orange, AT&T, Telefonica, Deutsche Telekom*

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

**S5-222274 pCR 28.824 Add new requirements related to exposure interface via OSS**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Huawei*

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

**S5-222275 pCR 28.824 Update potential solution for exposed MnS consumption via OSS interface**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Huawei*

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

**S5-222276 pCR 28.824 Update use case Exposure of network slice as a service**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Huawei*

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

**S5-222327 pCR 28.824 Describe possible solution for EGMF**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222756**.

**S5-222756 pCR 28.824 Describe possible solution for EGMF**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Huawei*

(Replaces S5-222327)

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

**S5-222328 pCR 28.824 Add scenario of management exposure**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: China Southern Power Grid, Huawei*

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

**S5-222457 Discussion Paper on 5G exposure**

*Type: discussion For: Endorsement  
 Source: AT&T, Deutsche Telekom, Ericsson, Huawei, Intel, Orange, Samsung, Telefonica, Verizon*

**Decision:** The document was **revised to S5-222723**.

**S5-222723 Discussion Paper on 5G exposure**

*Type: discussion For: Endorsement  
 Source: AT&T, Deutsche Telekom, Ericsson, Huawei, Intel, Orange, Samsung, Telefonica, Verizon*

(Replaces S5-222457)

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

**S5-222466 LS out to SA6 about using CAPIF for 5G management capabilities exposure**

*Type: LS out For: Agreement  
 to 3GPP SA6, cc 3GPP SA  
 Source: AT&T, Deutsche Telekom, Orange, Telefonica*

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

**S5-222467 Discussion Paper on exposure via OSS**

*Type: discussion For: Endorsement  
 28.824 v..  
 Source: AsiaInfo Technologies Inc, Alibaba*

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

**S5-222468 Update potential solution for MnS discovery service for exposure**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: AsiaInfo Technologies Inc, Alibaba*

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

**S5-222469 Discussion Paper on exposure via OSS**

*Type: discussion For: Endorsement  
 28.824 v..  
 Source: AsiaInfo Technologies Inc, Alibaba*

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

**S5-222506 pCR 28.824 solution on exposure architecture and related API**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Alibaba Group, AsiaInfo*

**Decision:** The document was **revised to S5-222725**.

**S5-222725 pCR 28.824 solution on exposure architecture and related API**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Alibaba Group, AsiaInfo*

(Replaces S5-222506)

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

**S5-222507 Update position and add solution for direct MnS exposure**

*Type: pCR For: Agreement  
 28.824 v0.5.0  
 Source: Lenovo, Motorola Mobility*

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

**S5-222511 Update use case 5.2**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Alibaba Group, AsiaInfo*

**Decision:** The document was **revised to S5-222680**.

**S5-222680 Update use case 5.2**

*Type: pCR For: Approval  
 28.824 v0.5.0  
 Source: Alibaba Group, AsiaInfo*

(Replaces S5-222511)

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

**S5-222513 DP on external API for Capability Exposure**

*Type: discussion For: Endorsement  
 28.824 v..  
 Source: Alibaba Group, AsiaInfo*

**Decision:** The document was **revised to S5-222679**.

**S5-222679 DP on external API for Capability Exposure**

*Type: discussion For: Endorsement  
 28.824 v..  
 Source: Alibaba Group, AsiaInfo*

(Replaces S5-222513)

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

**S5-222515 pCR 28.824 Add note on possible charging impact**

*Type: pCR For: (not specified)  
 28.824 v0.5.0  
 Source: Lenovo, Motorola Mobility*

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

**S5-222746 draft TR 28.824**

*Type: draft TR For: Approval  
 28.824 v0.6.0  
 Source: Alibaba*

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

#### 6.5.23 Study on alignment with ETSI MEC for Edge computing management

**S5-222103 Initial version of TR28.903**

*Type: draft TR For: Approval  
 28.903 v0.0.0  
 Source: HUAWEI TECH. GmbH*

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

**S5-222329 pCR 28.903 add scope**

*Type: pCR For: Approval  
 28.903 v0.0.0  
 Source: Huawei*

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

**S5-222330 pCR TR 28.903 Add skeleton**

*Type: pCR For: Approval  
 28.903 v0.0.0  
 Source: Huawei*

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

**S5-222747 draft TR 28.903**

*Type: draft TR For: Approval  
 28.903 v0.1.0  
 Source: Huawei*

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

#### 6.6.1 Enhancement of QoE Measurement Collection

**S5-222499 Input to DraftCR Adding Signalling Based Activation for NR**

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

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

**S5-222508 Input to DraftCR Adding Signalling Based Activation for NR**

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

**Decision:** The document was **revised to S5-222757**.

**S5-222757 Input to DraftCR Adding Signalling Based Activation for NR**

*Type: other For: -  
 Source: Ericsson*

(Replaces S5-222508)

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

**S5-222509 Input to DraftCR Handling of QoE measurement collection at handover in NR**

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

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

**S5-222512 Input to DraftCR Adding QMC job**

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

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

**S5-222540 Rel-17 Input to draft CR 28.623 Add QMC job, stage 3 (YANG)**

*Type: other For: Approval  
 28.622 v..  
 Source: Ericsson LM*

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

**S5-222758 LS out to CT4 Adding attribute qoETarget**

*Type: LS out For: Approval  
 to CT4  
 Source: Ericsson*

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

#### 6.6.2 Management data collection control and discovery

**S5-222097 Rel-17 InputToDraftCR 28.537 Targeted management data collection**

*Type: other For: Agreement  
 28.537 v..  
 Source: Samsung R&D Institute India*

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

**S5-222101 Rel-17 InputToDraftCR 28.622 ManagementDataSubscription**

*Type: other For: Agreement  
 28.622 v..  
 Source: Samsung, Ericsson*

**Decision:** The document was **revised to S5-222633**.

**S5-222633 Rel-17 InputToDraftCR 28.622 ManagementDataSubscription**

*Type: other For: Agreement  
 28.622 v..  
 Source: Samsung, Ericsson*

(Replaces S5-222101)

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

**S5-222171 Rel-17 Input to DraftCR 28.622 Add data discovery NRM fragment**

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

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

**S5-222172 Rel-17 CR 28.623 Add data discovery NRM fragment (OpenAPI definition)**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222199 Rel-17 draftCR 28.537 Add requirements for data management**

*Type: draftCR For: Approval  
 28.537 v..  
 Source: Nokia, Nokia Shanghai Bell, Samsung*

**Decision:** The document was **revised to S5-222759**.

**S5-222759 Rel-17 draftCR 28.537 Add requirements for data management**

*Type: draftCR For: Approval  
 28.537 v..  
 Source: Nokia, Nokia Shanghai Bell, Samsung*

(Replaces S5-222199)

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

**S5-222200 Rel-17 draftCR 28.622 Add data collection job to allow consumers without detailed knowledge of the network to request for data (stage 2)**

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

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

**S5-222201 Rel-17 draftCR 28.623 Add data collection job to allow consumers without detailed knowledge of the network to request for data (stage 3)**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222208 Rel-17 draftCR 32.422 Add metric identifier for trace metrics**

*Type: draftCR For: Approval  
 32.422 v..  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222635**.

**S5-222635 Rel-17 draftCR 32.422 Add metric identifier for trace metrics**

*Type: draftCR For: Approval  
 32.422 v..  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222208)

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

**S5-222643 DraftCR for MADCOL TS 28.622**

*Type: draftCR For: Approval  
 28.622 v..  
 Source: Nokia*

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

**S5-222644 DraftCR for MADCOL TS 28.623**

*Type: draftCR For: Approval  
 28.623 v..  
 Source: Samsung*

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

**S5-222753 DraftCR for MADCOL TS 28.537**

*Type: draftCR For: Approval  
 28.537 v..  
 Source: Nokia*

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

#### 6.6.3 Intent driven management service for mobile networks

**S5-222030 pCR TS 28.312 Add verbalization of expectation to intent Model**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Nokia*

**Decision:** The document was **revised to S5-222681**.

**S5-222681 pCR TS 28.312 Add verbalization of expectation to intent Model**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Nokia*

(Replaces S5-222030)

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

**S5-222031 pCR TS 28.312 Update intent fulfillment tracking in information model**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Nokia*

(Replaces S5-221238)

**Decision:** The document was **revised to S5-222682**.

**S5-222682 pCR TS 28.312 Update intent fulfillment tracking in information model**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Nokia*

(Replaces S5-222031)

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

**S5-222032 pCR TS 28.312 Add requirements for intent conflict information**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Nokia*

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

**S5-222130 pCR 28.312 Update procedures for intent management**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: China Mobile*

**Decision:** The document was **revised to S5-222683**.

**S5-222683 pCR 28.312 Update procedures for intent management**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: China Mobile*

(Replaces S5-222130)

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

**S5-222258 pCR TS 28.312 Address the Editor's Notes issues**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei,Nokia, Deutsche Telekom*

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

**S5-222259 pCR TS 28.312 Move clause 6.4 scenario specific IntentExpectationto 6.2**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222684**.

**S5-222684 pCR TS 28.312 Move clause 6.4 scenario specific IntentExpectationto 6.2**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei*

(Replaces S5-222259)

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

**S5-222260 pCR TS 28.312 Update clause 7 stage3 to align with clause 2 stage2**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei,Deutsche Telekom*

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

**S5-222261 Rel-17draft CR TS 28.532 Update provMnS yaml file to include the resources-intentNrm**

*Type: draftCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei,Deutsche Telekom*

**Decision:** The document was **revised to S5-222685**.

**S5-222685 Rel-17draft CR TS 28.532 Update provMnS yaml file to include the resources-intentNrm**

*Type: draftCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei,Deutsche Telekom*

(Replaces S5-222261)

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

**S5-222262 pCR TS 28.312 Rapporteur clean up**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Huawei*

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

**S5-222263 Presentation sheet of TS 28.312 for SA Information and Approval**

*Type: TS or TR cover For: Approval  
 28.312 v1.0.0  
 Source: Huawei*

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

**S5-222316 pCR TS 28.312 Update the clause 4.2.2**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: China Mobile Com. Corporation*

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

**S5-222543 Rel-17 pCR TS 28.312 Update intent information model**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-222638**.

**S5-222638 Rel-17 pCR TS 28.312 Update intent information model**

*Type: pCR For: Approval  
 28.312 v1.0.0  
 Source: Ericsson LM*

(Replaces S5-222543)

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

**S5-222748 draft TS 28.312**

*Type: draft TR For: Approval  
 28.312 v1.1.0  
 Source: Huawei*

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

#### 6.6.4 Enhanced Closed loop SLS Assurance

**S5-222522 Rel-17 draftCR TS 28.536 Closed loop assurance stage 2 and 3**

*Type: draftCR For: Approval  
 28.536 v17.2.0  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222523 Rel-17 Input to draftCR TS 28.536 Clean-up abbreviations and references**

*Type: other For: Approval  
 28.536 v..  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222524 Rel-17 Input to draftCR TS 28.535 Clean-up use cases and requirements**

*Type: other For: Approval  
 28.535 v..  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

**Decision:** The document was **revised to S5-222686**.

**S5-222686 Rel-17 Input to draftCR TS 28.535 Clean-up use cases and requirements**

*Type: other For: Approval  
 28.535 v..  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

(Replaces S5-222524)

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

**S5-222525 Input to draftCR TS 28.535 Remove use cases and requirements without solution**

*Type: other For: Approval  
 28.535 v..  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

**Decision:** The document was **revised to S5-222687**.

**S5-222687 Input to draftCR TS 28.535 Remove use cases and requirements without solution**

*Type: other For: Approval  
 28.535 v..  
 Source: Ericsson GmbH, Eurolab, Deutsche Telekom*

(Replaces S5-222525)

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

**S5-222751 DraftCR for eCOSLA - TS 28.535**

*Type: draftCR For: Approval  
 28.535 v..  
 Source: Ericsson*

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

**S5-222752 DraftCR for eCOSLA - TS 28.536**

*Type: draftCR For: Approval  
 28.536 v..  
 Source: Ericsson*

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

#### 6.6.5 Enhancements of Management Data Analytics Service

**S5-222033 pCR 28.105 Add requirements for AI/ML selection**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222688**.

**S5-222688 pCR 28.105 Add requirements for AI/ML selection**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222033)

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

**S5-222034 pCR 28.105 Add requirements for control of AI/ML Training**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222689**.

**S5-222689 pCR 28.105 Add requirements for control of AI/ML Training**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222034)

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

**S5-222035 pCR 28.105 Add NRM fragments for AI/ML Training**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222690**.

**S5-222690 pCR 28.105 Add NRM fragments for AI/ML Training**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222035)

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

**S5-222036 pCR 28.105 Support for Training of ML-based functions**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222691**.

**S5-222691 pCR 28.105 Support for Training of ML-based functions**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222036)

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

**S5-222037 pCR 28.104 Extend requirements for coverage Analytics**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222692**.

**S5-222692 pCR 28.104 Extend requirements for coverage Analytics**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222037)

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

**S5-222089 pCR 28.104 Critical Maintenance Management**

*Type: pCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222693**.

**S5-222693 pCR 28.104 Critical Maintenance Management**

*Type: pCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222089)

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

**S5-222090 pCR 28.104 Handover Optimization**

*Type: pCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

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

**S5-222091 pCR 28.104 Network Slice Traffic Prediction**

*Type: pCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222695**.

**S5-222695 pCR 28.104 Network Slice Traffic Prediction**

*Type: pCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222091)

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

**S5-222093 pCR 28.104 Paging Optimization**

*Type: pCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

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

**S5-222105 Rel-17 pCR 28.104 correct the referred clauses**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: HUAWEI*

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

**S5-222180 pCR 28.105 Add AI-ML background**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Intel, NEC*

**Decision:** The document was **revised to S5-222696**.

**S5-222696 pCR 28.105 Add AI-ML background**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Intel, NEC*

(Replaces S5-222180)

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

**S5-222181 pCR 28.105 Enhance NRMs for AI-ML model training**

*Type: pCR For: Approval  
 28.105 v1.0.0  
 Source: Intel, NEC*

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

**S5-222182 pCR 28.104 Add common information elements of analytics outputs**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Intel, NEC, China Telecom, HUAWEI*

**Decision:** The document was **revised to S5-222697**.

**S5-222697 pCR 28.104 Add common information elements of analytics outputs**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Intel, NEC, China Telecom, HUAWEI, Nokia*

(Replaces S5-222182)

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

**S5-222183 pCR 28.104 Add data type definitions**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Intel*

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

**S5-222184 pCR 28.104 Update NRM for MDA request**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Intel*

**Decision:** The document was **revised to S5-222698**.

**S5-222698 pCR 28.104 Update NRM for MDA request**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Intel, Huawei*

(Replaces S5-222184)

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

**S5-222185 Draft CR Rel-17 28.552 Enhance UE Context Release measurements for MDA**

*Type: draftCR For: Agreement  
 28.552 v17.6.0  
 Source: Intel*

**Decision:** The document was **revised to S5-222700**.

**S5-222700 Draft CR Rel-17 28.552 Enhance UE Context Release measurements for MDA**

*Type: draftCR For: Agreement  
 28.552 v17.6.0  
 Source: Intel*

(Replaces S5-222185)

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

**S5-222288 Rel-17 draftCR 28.552 Mean number of DRBs undergoing from User Plane Path Failures**

*Type: draftCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222694**.

**S5-222694 Rel-17 draftCR 28.552 Mean number of DRBs undergoing from User Plane Path Failures**

*Type: draftCR For: Agreement  
 28.104 v1.0.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222288)

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

**S5-222332 pCR 28.104 Clarify MDA interactions**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

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

**S5-222333 pCR 28.104 Prediction of service failures**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222701**.

**S5-222701 pCR 28.104 Prediction of service failures**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

(Replaces S5-222333)

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

**S5-222334 pCR 28.104 Remove conflicting text regarding MDA context**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

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

**S5-222335 pCR TS 28.104 Add Alarm analytics solution-stage 2**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222704**.

**S5-222704 pCR TS 28.104 Add Alarm analytics solution-stage 2**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

(Replaces S5-222335)

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

**S5-222336 pCR 28.104 Add stage 2 description of failure predication analytics**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222702**.

**S5-222702 pCR 28.104 Add stage 2 description of failure predication analytics**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

(Replaces S5-222336)

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

**S5-222352 Add an enumeration value in output for “Network slice throughput analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222355 Enhance the description of the requirement of network slice thourhgout analysis**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222357 Multiplicity change for “Affected Objects” IE in “E2E latency analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222705**.

**S5-222705 Multiplicity change for “Affected Objects” IE in “E2E latency analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222357)

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

**S5-222360 Multiplicity change for “Affected Objects” IE in “NW slice load analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222706**.

**S5-222706 Multiplicity change for “Affected Objects” IE in “NW slice load analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222360)

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

**S5-222361 Multiplicity change for “Affected Objects” IE in “Service experience analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222707**.

**S5-222707 Multiplicity change for “Affected Objects” IE in “Service experience analysis” Usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222361)

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

**S5-222362 Modify the paging requirements based on geographical area**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222708**.

**S5-222708 Modify the paging requirements based on geographical area**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222362)

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

**S5-222364 Update the analytics output of coverage analysis usecase**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222376 pCR 28.104 Add alarm analysis use case**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Mobile, Huawei*

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

**S5-222377 pCR 28.104 Add general requirements**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Mobile*

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

**S5-222378 pCR 28.104 add inter-gNB beam selection optimization solution**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Mobile*

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

**S5-222379 pCR 28.104 Add MDA capability for MDA assisted energy saving analysis**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Mobile*

**Decision:** The document was **revised to S5-222709**.

**S5-222709 pCR 28.104 Add MDA capability for MDA assisted energy saving analysis**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Mobile*

(Replaces S5-222379)

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

**S5-222459 Rel-17 pCR 28.104 Add MDA capability for handover optimization**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

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

**S5-222460 Rel-17 pCR 28.104 Update use case description for MDA assisted energy saving analysis**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222710**.

**S5-222710 Rel-17 pCR 28.104 Update use case description for MDA assisted energy saving analysis**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

(Replaces S5-222460)

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

**S5-222461 Rel-17 pCR TS 28.104 add MDA related service components**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222711**.

**S5-222711 Rel-17 pCR TS 28.104 add MDA related service components**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

(Replaces S5-222461)

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

**S5-222462 Rel-17 pCR TS 28.104 add mobility performance analysis solution**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222712**.

**S5-222712 Rel-17 pCR TS 28.104 add mobility performance analysis solution**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

(Replaces S5-222462)

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

**S5-222463 Rel-17 pCR TS 28.104 MDARequest IOC NRM correction**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Huawei*

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

**S5-222474 pCR 28.104 Define the data type of statistics of cells energy saving state**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Telecom Corporation Ltd.*

**Decision:** The document was **revised to S5-222641**.

**S5-222641 pCR 28.104 Define the data type of statistics of cells energy saving state**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: China Telecom Corporation Ltd.*

(Replaces S5-222474)

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

**S5-222478 pCR draft TS28.104, Rapporteur clean-up**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

**Decision:** The document was **revised to S5-222713**.

**S5-222713 pCR draft TS28.104, Rapporteur clean-up**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

(Replaces S5-222478)

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

**S5-222479 Editorial, enhancements and modifications on MDA overview**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222714**.

**S5-222714 Editorial, enhancements and modifications on MDA overview**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222479)

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

**S5-222480 Editorial modifications on MDA functionality and service framework**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222715**.

**S5-222715 Editorial modifications on MDA functionality and service framework**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222480)

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

**S5-222481 pCR draft TS28.104, add historical data handling for MDA**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

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

**S5-222482 pCR draft TS28.104, clarifications on MDA Types**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

**Decision:** The document was **revised to S5-222716**.

**S5-222716 pCR draft TS28.104, clarifications on MDA Types**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

(Replaces S5-222482)

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

**S5-222483 Adding domain observation data as input in cross-domain MDA**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222717**.

**S5-222717 Adding domain observation data as input in cross-domain MDA**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222483)

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

**S5-222484 pCR draft TS28.104, clarifications on MDA Context**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

**Decision:** The document was **revised to S5-222703**.

**S5-222703 pCR draft TS28.104, clarifications on MDA Context**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: NEC, Intel*

(Replaces S5-222484)

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

**S5-222485 Additions in MDA types and in enabling data**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

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

**S5-222486 Additions of common information elements of MDA outputs**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

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

**S5-222493 PM-based and KPI-based analytics outputs**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

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

**S5-222494 Enhancing MDA type related to MDA capabilities**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

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

**S5-222496 Enhancing MDA request IOC**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222699**.

**S5-222699 Enhancing MDA request IOC**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222496)

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

**S5-222497 Adding MDA output IOC**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

**Decision:** The document was **revised to S5-222639**.

**S5-222639 Adding MDA output IOC**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

(Replaces S5-222497)

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

**S5-222498 Removing recommendations options**

*Type: pCR For: Approval  
 28.104 v1.0.0  
 Source: Nokia Germany*

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

**S5-222500 Problems in MDA output data**

*Type: discussion For: Endorsement  
 28.104 v..  
 Source: Nokia Germany*

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

**S5-222749 draft TS 28.104**

*Type: draft TS For: Approval  
 28.104 v1.1.0  
 Source: Intel*

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

**S5-222750 draft TS 28.105**

*Type: draft TS For: Approval  
 28.105 v1.1.0  
 Source: Intel*

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

#### 6.6.6 Edge Computing Management

**S5-222044 [Draft CR] Rel-17 28.538 Add the concept for edge computing management**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Samsung*

**Decision:** The document was **revised to S5-222718**.

**S5-222718 [Draft CR] Rel-17 28.538 Add the concept for edge computing management**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

(Replaces S5-222044)

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

**S5-222045 [Draft CR] Rel-17 28.538 Add notification to ECM IOCs**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

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

**S5-222046 [Draft CR] Rel-17 28.538 Add the missing procedure not implemented from approved pCR**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

**Decision:** The document was **revised to S5-222754**.

**S5-222754 [Draft CR] Rel-17 28.538 Add the missing procedure not implemented from approved pCR**

*Type: draftCR For: Approval  
 28.538 v17.0.0  
 Source: Intel Korea, Ltd.*

(Replaces S5-222046)

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

**S5-222282 Rel-17 draftCR 28.538 Concept and Overview**

*Type: draftCR For: (not specified)  
 28.538 v17.0.0  
 Source: Samsung R&D Institute India*

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

**S5-222284 Rel-17 draftCR 28.538 Resolving ED**

*Type: draftCR For: Agreement  
 28.538 v17.0.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222719**.

**S5-222719 Rel-17 draftCR 28.538 Resolving ED**

*Type: draftCR For: Agreement  
 28.538 v17.0.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222284)

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

**S5-222642 DraftCR for eECM – TS 28.538**

*Type: draftCR For: Approval  
 28.538 v..  
 Source: Samsung*

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

#### 6.6.7 Access control for management service

**S5-222054 Rel-17 28.622 enhance NRM to support access control**

*Type: draftCR For: Approval  
 28.622 v17.1.1  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222055 TS32.158 enhance OpenAPI to support access control**

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

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

**S5-222056 Rel-17 TS28.623 enhance NRM to support access control Stage 3**

*Type: draftCR For: Approval  
 28.623 v17.1.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222057 TS28.533 enhancement to support access control**

*Type: draftCR For: Approval  
 28.533 v17.2.0  
 Source: Nokia, Nokia Shanghai Bell*

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

#### 6.6.8 Network slice provisioning enhancement

**S5-222245 Rel-17 draftCR TS 28.541 Add feasibility check NRM fragment**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Huawei,China Unicom, Deutsche Telekom,China Mobile*

(Replaces S5-221150)

**Abstract:**

Resubmission of S5-221150

**Decision:** The document was **revised to S5-222724**.

**S5-222724 Rel-17 draftCR TS 28.541 Add feasibility check NRM fragment**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Huawei,China Unicom, Deutsche Telekom,China Mobile*

(Replaces S5-222245)

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

**S5-222246 Rel-17 draftCR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet**

*Type: draftCR For: Approval  
 28.531 v17.3.0  
 Source: Huawei,China Unicom,Deutsche Telekom,China Mobile*

(Replaces S5-221151)

**Abstract:**

resubmission of S5-221151

**Decision:** The document was **revised to S5-222721**.

**S5-222721 Rel-17 draftCR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet**

*Type: draftCR For: Approval  
 28.531 v17.3.0  
 Source: Huawei,China Unicom,Deutsche Telekom,China Mobile*

(Replaces S5-222246)

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

**S5-222277 Rel-17 draftCR 28.531 Deleting capacity planning use case**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

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

**S5-222278 Rel-17 draftCR 28.531 Deleting CreateMOI for Network Slice provisioning MnS**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

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

**S5-222279 Rel-17 draftCR 28.531 Deleting network slice capability exposure**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222722**.

**S5-222722 Rel-17 draftCR 28.531 Deleting network slice capability exposure**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222279)

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

**S5-222280 Rel-17 draftCR 28.531 Deleting service priority**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

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

**S5-222281 Rel-17 draftCR 28.531 Update procedures and operations to support asynchronous mode of operation**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

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

**S5-222283 Rel-17 draftCR 28.538 Notifications**

*Type: draftCR For: (not specified)  
 28.538 v17.0.0  
 Source: Samsung R&D Institute India*

**Decision:** The document was **revised to S5-222720**.

**S5-222720 Rel-17 draftCR 28.538 Notifications**

*Type: draftCR For: -  
 28.538 v17.0.0  
 Source: Samsung R&D Institute India*

(Replaces S5-222283)

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

**S5-222287 Rel-17 draftCR 28.541 adding processMonitor in NetworkSlice and NetworkSliceSubnet**

*Type: draftCR For: Agreement  
 28.541 v17.6.0  
 Source: Samsung R&D Institute India*

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

**S5-222298 Rel-17 draftCR 28.541 Network slice subnet capability IOC**

*Type: draftCR For: Agreement  
 28.541 v17.6.0  
 Source: Samsung, Nokia*

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

**S5-222304 Rel-17 draftCR 28.531 Network slice subnet capabilities**

*Type: draftCR For: Agreement  
 28.531 v17.3.0  
 Source: Samsung R&D Institute India*

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

**S5-222398 Rel-17 CR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet**

*Type: draftCR For: Approval  
 28.531 v17.3.0  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to S5-222640**.

**S5-222640 Rel-17 CR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet**

*Type: draftCR For: Approval  
 28.531 v17.3.0  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces S5-222398)

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

**S5-222400 Rel-17 TS 28.541 Add Reservation NRM fragment**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222456 Discussion paper on correction to multiplicity of relation between NetworkSlice IOC and NetworkSliceSubnet IOC**

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

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

**S5-222471 Rel-16 CR TS 28.541 Correction to multiplicity of relation between NetworkSlice IOC and NetworkSliceSubnet IOC**

*Type: draftCR For: Approval  
 28.541 v16.12.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222472 Rel-17 CR TS 28.541 Correction to multiplicity of relation between NetworkSlice IOC and NetworkSliceSubnet IOC**

*Type: draftCR For: Approval  
 28.541 v17.6.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222473 Rel-17 CR TS 28.531 Remove Use cases and Procedures for AllocateNSI and DeallocateNSI**

*Type: draftCR For: Approval  
 28.531 v17.3.0  
 Source: Nokia, Nokia Shanghai Bell*

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

**S5-222531 Discussion paper on asynchronous provisioning procedures for network slicing**

*Type: discussion For: Endorsement  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222533 Rel-17 Input to DraftCR 28.541 Add Job IOCs for asynchronous network slicing provisioning procedures**

*Type: other For: Approval  
 28.541 v..  
 Source: Ericsson GmbH, Eurolab*

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

**S5-222534 Rel-17 Input to DraftCR 28.531 Add asynchronous network slicing provisioning procedures**

*Type: other For: Approval  
 28.531 v..  
 Source: Ericsson GmbH, Eurolab*

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

### 7.1 Charging Plenary

**S5-222008 CH agenda and time plan**

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

**Decision:** The document was **revised to S5-222760**.

**S5-222760 CH agenda and time plan**

*Type: agenda For: -  
 Source: WG vice Chair (Matrixx)*

(Replaces S5-222008)

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

**S5-222009 Charging exec report**

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

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

**S5-222138 LS ccSA5 on Traffic usage reporting on 5MBS service**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C4-221443*

**Decision:** The document was **replied to in S5-222812**.

**S5-222139 Reply LS on Enhancement on Charging Identifier Uniqueness Mechanism**

*Type: LS in For: (not specified)  
 Original outgoing LS: -, to -, cc -  
 Source: C4-221440*

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

**S5-222431 Reply to LS on Traffic usage reporting on 5MBS service**

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

**Decision:** The document was **revised to S5-222812**.

**S5-222812 Reply to LS on Traffic usage reporting on 5MBS service**

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

(Replaces S5-222431)

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

### 7.2 New Charging Work Item proposals

**S5-222432 New WID MMS Charging in 5G System Architecture**

*Type: WID new For: Agreement  
 Source: Ericsson LM*

**Decision:** The document was **revised to S5-222789**.

**S5-222789 New WID MMS Charging in 5G System Architecture**

*Type: WID new For: Agreement  
 Source: Ericsson LM*

(Replaces S5-222432)

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

### 7.3 Charging Maintenance and Rel-17 small Enhancements

**S5-222015 Rel-17 pCR 32.290 CHF Set Concept and Retry Handling**

*Type: CR For: (not specified)  
 32.290 v17.4.0 CR-0177 Cat: F (Rel-17)  
  
 Source: Nokia*

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

**S5-222021 pCR 32.290 CHF Set Concept and Retry Handling**

*Type: draftCR For: (not specified)  
 32.290 v17.4.0  
 Source: Nokia*

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

**S5-222365 Rel-15 CR 32.274 Add descriptions for SMS Charging information**

*Type: CR For: Approval  
 32.274 v15.3.0 CR-0082 Cat: F (Rel-15)  
  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S5-222794**.

**S5-222794 Rel-15 CR 32.274 Add descriptions for SMS Charging information**

*Type: CR For: Approval  
 32.274 v15.3.0 CR-0082 rev 1 Cat: F (Rel-15)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S5-222365)

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

**S5-222366 Rel-16 CR 32.274 Add descriptions for SMS Charging information**

*Type: CR For: Approval  
 32.274 v16.3.0 CR-0083 Cat: A (Rel-16)  
  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S5-222795**.

**S5-222795 Rel-16 CR 32.274 Add descriptions for SMS Charging information**

*Type: CR For: Approval  
 32.274 v16.3.0 CR-0083 rev 1 Cat: A (Rel-16)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S5-222366)

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

**S5-222367 Rel-17 CR 32.274 Add descriptions for SMS Charging information**

*Type: CR For: Approval  
 32.274 v17.0.0 CR-0084 Cat: A (Rel-17)  
  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S5-222796**.

**S5-222796 Rel-17 CR 32.274 Add descriptions for SMS Charging information**

*Type: CR For: Approval  
 32.274 v17.0.0 CR-0084 rev 1 Cat: A (Rel-17)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S5-222367)

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

**S5-222403 Rel-16 CR 32.255 Correction on the Charging Identifier Uniqueness**

*Type: CR For: Agreement  
 32.255 v16.11.0 CR-0370 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-222404 Rel-17 CR 32.255 Correction on the Charging Identifier Uniqueness**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0371 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-222405 Rel-16 CR 32.291 Correction on the Charging Identifier Uniqueness**

*Type: CR For: Agreement  
 32.291 v16.11.0 CR-0380 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-222406 Rel-17 CR 32.291 Correction on the Charging Identifier Uniqueness**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0381 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-222407 Rel-16 CR 32.298 Correction on the Charging Identifier Uniqueness**

*Type: CR For: Agreement  
 32.298 v16.10.0 CR-0891 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-222408 Rel-17 CR 32.298 Correction on the Charging Identifier Uniqueness**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0892 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-222409 Rel-17 CR 32.291 Correct the 307 and 308 Http Status Code**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0382 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-222410 Rel-17 CR 32.291 Correct the resource operation to support 307 and 308**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0383 Cat: F (Rel-17)  
  
 Source: Huawei*

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

**S5-222411 Rel-16 CR 32.254 Correction on the NEF API Charging information**

*Type: CR For: Agreement  
 32.254 v16.4.0 CR-0021 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222805**.

**S5-222805 Rel-16 CR 32.254 Correction on the NEF API Charging information**

*Type: CR For: Agreement  
 32.254 v16.4.0 CR-0021 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-222411)

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

**S5-222412 Rel-17 CR 32.254 Correction on the NEF API Charging information**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0022 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222806**.

**S5-222806 Rel-17 CR 32.254 Correction on the NEF API Charging information**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0022 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222412)

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

**S5-222413 Rel-16 CR 32.291 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.291 v16.11.0 CR-0384 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222801**.

**S5-222801 Rel-16 CR 32.291 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.291 v16.11.0 CR-0384 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-222413)

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

**S5-222414 Rel-17 CR 32.291 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0385 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222802**.

**S5-222802 Rel-17 CR 32.291 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0385 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222414)

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

**S5-222415 Rel-16 CR 32.298 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.298 v16.10.0 CR-0893 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222803**.

**S5-222803 Rel-16 CR 32.298 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.298 v16.10.0 CR-0893 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces S5-222415)

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

**S5-222416 Rel-17 CR 32.298 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0894 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222804**.

**S5-222804 Rel-17 CR 32.298 Correction on the identifiers for NEF API Charging information**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0894 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222416)

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

**S5-222417 Rel-16 CR 32.255 Correction on the Trigger Conditions**

*Type: CR For: Agreement  
 32.255 v16.11.0 CR-0372 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-222418 Rel-17 CR 32.255 Correction on the Trigger Conditions**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0373 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-222419 Rel-16 CR 32.255 Clarify the trigger type for QBC**

*Type: CR For: Agreement  
 32.255 v16.11.0 CR-0374 Cat: F (Rel-16)  
  
 Source: Huawei*

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

**S5-222420 Rel-17 CR 32.255 Clarify the trigger type for QBC**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0375 Cat: A (Rel-17)  
  
 Source: Huawei*

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

**S5-222433 Rel-17 CR 32.260 Correcting triggering for PLMN change**

*Type: CR For: Agreement  
 32.260 v17.2.0 CR-0424 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222434 Rel-17 CR 32.291 Correcting IMS triggering for PLMN change**

*Type: draftCR For: Approval  
 32.291 v17.2.0  
 Source: Ericsson LM*

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

**S5-222435 Rel-17 CR 32.291 Correcting response code 5xx**

*Type: draftCR For: Approval  
 32.291 v17.2.0  
 Source: Ericsson LM*

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

**S5-222436 Rel-17 CR 32.256 Correcting support of charging scenarios for roaming**

*Type: CR For: Agreement  
 32.256 v16.2.0 CR-0006 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222437 Rel-17 CR 32.255 Correcting IMS handling**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0385 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222438 Rel-17 CR 32.274 Correcting session and charging identifiers**

*Type: CR For: Agreement  
 32.274 v17.0.0 CR-0086 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222439 Rel-17 CR 32.291 Correcting V-SMF as node functionality**

*Type: draftCR For: Approval  
 32.291 v17.2.0  
 Source: Ericsson LM*

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

**S5-222440 Rel-17 CR 32.255 Correcting charging termination flow at roaming**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0386 Cat: F (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222772 Rel-17 CR 32.291 Correcting IMS triggering for PLMN change**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0386 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-222774 Rel-17 CR 32.291 Correcting V-SMF as node functionality**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0387 Cat: F (Rel-17)  
  
 Source: Ericsson*

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

**S5-222775 Rel-17 CR 32.290 CHF Set Concept and Retry Handling**

*Type: CR For: Agreement  
 32.290 v17.4.0 CR-0181 Cat: F (Rel-17)  
  
 Source: Nokia*

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

#### 7.4.1 Charging aspects of Edge Computing

**S5-222193 pCR 32.257 Add charging information definition for edge enabling services charging**

*Type: pCR For: Approval  
 32.257 v1.0.0  
 Source: Intel*

**Decision:** The document was **revised to S5-222768**.

**S5-222768 pCR 32.257 Add charging information definition for edge enabling services charging**

*Type: pCR For: Approval  
 32.257 v1.0.0  
 Source: Intel*

(Replaces S5-222193)

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

**S5-222198 Draft CR Rel-17 32.240 Enhance charging architecture for Edge Computing**

*Type: draftCR For: Approval  
 32.240 v17.5.0  
 Source: Intel*

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

**S5-222233 Rel-17 pCR 32.257 Correction on the charging information description**

*Type: pCR For: Agreement  
 32.257 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222776**.

**S5-222776 Rel-17 pCR 32.257 Correction on the charging information description**

*Type: pCR For: Agreement  
 32.257 v1.0.0  
 Source: Huawei*

(Replaces S5-222233)

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

**S5-222234 Rel-17 pCR 32.257 Clarification on the EAS Deployment Charging**

*Type: pCR For: Agreement  
 32.257 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222777**.

**S5-222777 Rel-17 pCR 32.257 Clarification on the EAS Deployment Charging**

*Type: pCR For: Agreement  
 32.257 v1.0.0  
 Source: Huawei*

(Replaces S5-222234)

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

**S5-222235 Rel-17 pCR 32.257 Clarification on the Edge Enabling Infrastructure Resource**

*Type: pCR For: Agreement  
 32.257 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222778**.

**S5-222778 Rel-17 pCR 32.257 Clarification on the Edge Enabling Infrastructure Resource**

*Type: pCR For: Agreement  
 32.257 v1.0.0  
 Source: Huawei*

(Replaces S5-222235)

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

**S5-222761 Draft TS 32.257**

*Type: draft TS For: Approval  
 32.257 v1.1.0  
 Source: Intel*

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

**S5-222769 Rel-17 CR 32.240 Enhance charging architecture for Edge Computing**

*Type: CR For: Agreement  
 32.240 v17.5.0 CR-0443 Cat: B (Rel-17)  
  
 Source: Intel Sweden AB*

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

#### 7.4.2 Charging aspects of Architecture Enhancement for NR Reduced Capability Devices

**S5-222368 Rel-17 CR 32.256 Add charging requirement for AMF to support NR RedCap**

*Type: CR For: Approval  
 32.256 v17.0.0 CR-0005 Cat: B (Rel-17)  
  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S5-222787**.

**S5-222787 Rel-17 CR 32.256 Add charging requirement for AMF to support NR RedCap**

*Type: CR For: Approval  
 32.256 v17.0.0 CR-0005 rev 1 Cat: B (Rel-17)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S5-222368)

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

**S5-222369 Rel-17 CR 32.274 Add charging requirement for SMSF to support NR RedCap**

*Type: CR For: Approval  
 32.274 v17.0.0 CR-0085 Cat: B (Rel-17)  
  
 Source: China Mobile E-Commerce Co.*

**Decision:** The document was **revised to S5-222788**.

**S5-222788 Rel-17 CR 32.274 Add charging requirement for SMSF to support NR RedCap**

*Type: CR For: Approval  
 32.274 v17.0.0 CR-0085 rev 1 Cat: B (Rel-17)  
  
 Source: China Mobile E-Commerce Co.*

(Replaces S5-222369)

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

**S5-222370 Rel-17 DraftCR 32.298 Update RAT Type to support NR RedCap**

*Type: draftCR For: Approval  
 32.298 v17.2.0  
 Source: China Mobile E-Commerce Co.*

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

**S5-222771 Rel-17 CR 32.298 Update RAT Type to support NR RedCap**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0895 Cat: B (Rel-17)  
  
 Source: China Mobile*

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

#### 7.4.3 Charging aspects of Proximity-based Services in 5GS

**S5-222309 Update requirement**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0040 Cat: F (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222770**.

**S5-222770 Update requirement**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0040 rev 1 Cat: F (Rel-17)  
  
 Source: CATT*

(Replaces S5-222309)

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

**S5-222310 Adding message flows for 5G ProSe Direct Communication converged charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0041 Cat: B (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222780**.

**S5-222780 Adding message flows for 5G ProSe Direct Communication converged charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0041 rev 1 Cat: B (Rel-17)  
  
 Source: CATT*

(Replaces S5-222310)

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

**S5-222311 Introduction of CDR generation and handling for converged charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0042 Cat: B (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222781**.

**S5-222781 Introduction of CDR generation and handling for converged charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0042 rev 1 Cat: B (Rel-17)  
  
 Source: CATT*

(Replaces S5-222311)

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

**S5-222312 Introduction of Message content charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0043 Cat: B (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222782**.

**S5-222782 Introduction of Message content charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0043 rev 1 Cat: B (Rel-17)  
  
 Source: CATT*

(Replaces S5-222312)

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

**S5-222313 Introduction of 5G ProSe converged charging information**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0044 Cat: B (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222783**.

**S5-222783 Introduction of 5G ProSe converged charging information**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0044 rev 1 Cat: B (Rel-17)  
  
 Source: CATT*

(Replaces S5-222313)

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

**S5-222314 Introduction of Detailed message format for converged charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0045 Cat: B (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222784**.

**S5-222784 Introduction of Detailed message format for converged charging**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0045 rev 1 Cat: B (Rel-17)  
  
 Source: CATT*

(Replaces S5-222314)

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

**S5-222315 Introduction of clauses on formal description and binding**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0046 Cat: B (Rel-17)  
  
 Source: CATT*

**Decision:** The document was **revised to S5-222785**.

**S5-222785 Introduction of clauses on formal description and binding**

*Type: CR For: Approval  
 32.277 v17.1.0 CR-0046 rev 1 Cat: B (Rel-17)  
  
 Source: CATT*

(Replaces S5-222315)

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

#### 7.4.4 Charging Aspects of 5G LAN VN Group

**S5-222227 Rel-17 CR 32.240 Addition of the architeure for 5G LAN charging**

*Type: CR For: Agreement  
 32.240 v17.5.0 CR-0442 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222790**.

**S5-222790 Rel-17 CR 32.240 Addition of the architeure for 5G LAN charging**

*Type: CR For: Agreement  
 32.240 v17.5.0 CR-0442 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222227)

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

**S5-222228 Rel-17 CR 32.254 Addition of the 5G VN group management Charging Architecture**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0018 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222791**.

**S5-222791 Rel-17 CR 32.254 Addition of the 5G VN group management Charging Architecture**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0018 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222228)

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

**S5-222229 Rel-17 CR 32.254 Addition of the 5G VN group management Charging Principles**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0019 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222792**.

**S5-222792 Rel-17 CR 32.254 Addition of the 5G VN group management Charging Principles**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0019 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222229)

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

**S5-222230 Rel-17 CR 32.254 Addition of the 5G VN group management Charging Information**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0020 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222793**.

**S5-222793 Rel-17 CR 32.254 Addition of the 5G VN group management Charging Information**

*Type: CR For: Agreement  
 32.254 v17.0.0 CR-0020 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222230)

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

**S5-222231 Rel-17 CR 32.291 Additional charging information for the 5G LAN management**

*Type: CR For: Agreement  
 32.291 v17.2.0 CR-0379 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-222232 Rel-17 CR 32.298 Additional charging information for the 5G LAN Charging**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0889 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222813**.

**S5-222813 Rel-17 CR 32.298 Additional charging information for the 5G LAN Charging**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0889 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222232)

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

#### 7.4.5 Charging enhancements for 5G CIoT

**S5-222242 Rel-17 CR 32.298 Add charging information in CDR**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0890 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222786**.

**S5-222786 Rel-17 CR 32.298 Add charging information in CDR**

*Type: CR For: Agreement  
 32.298 v17.2.0 CR-0890 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222242)

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

#### 7.4.6 5G Charging for Local breakout roaming of data connectivity

**S5-222027 CR R17 32.240 Missing section number correction**

*Type: CR For: Agreement  
 32.240 v17.5.0 CR-0440 Cat: F (Rel-17)  
  
 Source: Vodafone GmbH*

**Abstract:**

To correct a section number reference that was not correctly specified in a previous CR

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

**S5-222177 CR R17 32.240 Missing section number correction**

*Type: CR For: Agreement  
 32.240 v17.5.0 CR-0441 Cat: F (Rel-17)  
  
 Source: Vodafone GmbH*

**Decision:** The document was **revised to S5-222767**.

**S5-222767 CR R17 32.240 Missing section number correction**

*Type: CR For: Agreement  
 32.240 v17.5.0 CR-0441 rev 1 Cat: F (Rel-17)  
  
 Source: Vodafone GmbH*

(Replaces S5-222177)

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

**S5-222421 Rel-17 CR 32.255 Additional charging information for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0376 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-222422 Rel-17 CR 32.255 Additional the architecture for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0377 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222811**.

**S5-222811 Rel-17 CR 32.255 Additional the architecture for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0377 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222422)

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

**S5-222423 Rel-17 CR 32.255 Additional converged charging architecture for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0378 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222766**.

**S5-222766 Rel-17 CR 32.255 Additional converged charging architecture for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0378 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222423)

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

**S5-222424 Rel-17 CR 32.255 Additional charging requirement for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0379 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222779**.

**S5-222779 Rel-17 CR 32.255 Additional charging requirement for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0379 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222424)

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

**S5-222425 Rel-17 CR 32.255 Clarification on Sponsored data connectivity charging for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0380 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222807**.

**S5-222807 Rel-17 CR 32.255 Clarification on Sponsored data connectivity charging for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0380 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222425)

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

**S5-222426 Rel-17 CR 32.255 Additional charging message flow for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0381 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222808**.

**S5-222808 Rel-17 CR 32.255 Additional charging message flow for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0381 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222426)

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

**S5-222427 Rel-17 CR 32.255 Additional charging principles for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0382 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to S5-222809**.

**S5-222809 Rel-17 CR 32.255 Additional charging principles for LBO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0382 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces S5-222427)

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

**S5-222428 Rel-17 CR 32.255 Additional charging architecture for MVNO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0383 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-222429 Rel-17 CR 32.255 Additional charging message flow and charging information for MVNO**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0384 Cat: B (Rel-17)  
  
 Source: Huawei*

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

**S5-222441 Rel-17 CR 32.290 Scenarios for interaction with two CHFs**

*Type: CR For: Agreement  
 32.290 v17.4.0 CR-0178 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222442 Rel-17 CR 32.290 Function for interaction with two CHFs**

*Type: CR For: Agreement  
 32.290 v17.4.0 CR-0179 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222443 Rel-17 CR 32.290 Error handling for interaction with two CHFs**

*Type: CR For: Agreement  
 32.290 v17.4.0 CR-0180 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222444 Rel-17 CR 32.255 CHF selection when interaction with two CHFs**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0387 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222445 Rel-17 CR 32.255 FBC and QBC when interaction with two CHFs**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0388 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

**S5-222446 Rel-17 CR 32.255 Triggers for interacting with two CHFs**

*Type: CR For: Agreement  
 32.255 v17.5.0 CR-0389 Cat: B (Rel-17)  
  
 Source: Ericsson LM*

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

#### 7.5.1 Study on charging aspects for enhancements of Network Slicing Phase 2

**S5-222014 Rel-17 pCR 28.826 ServiceID in Charging Data Request**

*Type: pCR For: Approval  
 28.826 v0.3.0  
 Source: Nokia*

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

**S5-222179 Introduction of a solution for KI#6**

*Type: pCR For: (not specified)  
 32.847 v1.1.0  
 Source: Apple GmbH*

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

**S5-222538 Rel-18 pCR 32,847 Add evaluation for Key issue #7**

*Type: pCR For: Agreement  
 32.847 v1.1.0  
 Source: MATRIXX Software*

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

**S5-222762 Draft TR 32.847**

*Type: draft TR For: discussion  
 32.847 v1.2.0  
 Source: MATRIXX Software*

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

#### 7.5.2 Study on Nchf charging services phase 2

**S5-222214 Rel-17 pCR 28.826 ServiceID in Charging Data Request**

*Type: pCR For: (not specified)  
 28.826 v0.3.0  
 Source: Nokia*

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

**S5-222236 Rel-17 pCR 28.826 Add the solution for NB Enhancement**

*Type: pCR For: Agreement  
 28.826 v0.3.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222773**.

**S5-222773 Rel-17 pCR 28.826 Add the solution for NB Enhancement**

*Type: pCR For: Agreement  
 28.826 v0.3.0  
 Source: Huawei*

(Replaces S5-222236)

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

**S5-222447 Rel-18 pCR 28.826 Adding service identifier based solution to clause 5.3**

*Type: pCR For: Approval  
 28.826 v0.3.0  
 Source: Ericsson LM*

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

**S5-222448 Rel-18 pCR 28.826 Adding trigger solutions to clause 5.2**

*Type: pCR For: Approval  
 28.826 v0.3.0  
 Source: Ericsson LM*

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

**S5-222449 Rel-18 pCR 28.826 Adding new trigger category solution to clause 5.1**

*Type: pCR For: Approval  
 28.826 v0.3.0  
 Source: Ericsson LM*

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

**S5-222450 Rel-18 pCR 28.826 Adding general clause for documentation**

*Type: pCR For: Approval  
 28.826 v0.3.0  
 Source: Ericsson LM*

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

**S5-222763 Draft TR 28.826**

*Type: draft TR For: Approval  
 28.826 v0.4.0  
 Source: Ericsson LM*

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

#### 7.5.3 Study on 5G roaming charging architecture for wholesale and retail scenarios

**S5-222194 Rel-18 pCR 28.827 Add a SMS use case and solution for 7.1**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-222797**.

**S5-222797 Rel-18 pCR 28.827 Add a SMS use case and solution for 7.1**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-222194)

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

**S5-222195 Rel-18 pCR 28.827 Add a SMS use case Key issues and requirements for 7.2**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-222798**.

**S5-222798 Rel-18 pCR 28.827 Add a SMS use case Key issues and requirements for 7.2**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-222195)

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

**S5-222196 Rel-18 pCR 28.827 Add CHF to CHF solution for SMS in 7.2**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-222799**.

**S5-222799 Rel-18 pCR 28.827 Add CHF to CHF solution for SMS in 7.2**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-222196)

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

**S5-222197 Rel-18 pCR 28.827 Add CTF to two CHFs solution for SMS in 7.2**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

**Decision:** The document was **revised to S5-222800**.

**S5-222800 Rel-18 pCR 28.827 Add CTF to two CHFs solution for SMS in 7.2**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: MATRIXX Software*

(Replaces S5-222197)

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

**S5-222237 Rel-17 pCR 28.827 Additional BCE and TAP relationship**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: Huawei*

**Decision:** The document was **revised to S5-222810**.

**S5-222810 Rel-17 pCR 28.827 Additional BCE and TAP relationship**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: Huawei*

(Replaces S5-222237)

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

**S5-222238 Rel-17 pCR 28.827 Additional new solutions for Topic 7.6**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: Huawei*

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

**S5-222239 Rel-17 pCR 28.827 Clarification on the Roaming Charging Profile**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: Huawei*

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

**S5-222240 Rel-17 pCR 28.827 Addition of the solution for the Roaming Charging Profile**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: Huawei*

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

**S5-222241 Rel-17 pCR 28.827 Correction on the solution 1.3**

*Type: pCR For: Agreement  
 28.827 v1.0.0  
 Source: Huawei*

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

**S5-222764 Draft TR 28.827**

*Type: draft TR For: Approval  
 28.827 v1.1.0  
 Source: Ericsson*

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

#### 7.5.4 Study on Charging Aspects for Enhanced support of Non-Public Networks

**S5-222381 TR 28.828 v0.0.0 Initial skeleton**

*Type: draft TR For: (not specified)  
 28.828 v0.0.0  
 Source: China Mobile*

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

**S5-222392 Rel-18 pCR 28.828 Add scope**

*Type: pCR For: Approval  
 28.828 v0.0.0  
 Source: China Mobile*

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

**S5-222394 Rel-18 pCR 28.828 Add reference**

*Type: pCR For: Approval  
 28.828 v0.0.0  
 Source: China Mobile*

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

**S5-222395 Rel-18 pCR 28.828 Skeleton update**

*Type: pCR For: Approval  
 28.828 v0.0.0  
 Source: China Mobile*

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

**S5-222765 Draft TR 28.828**

*Type: draft TR For: Approval  
 28.828 v0.1.0  
 Source: China Mobile*

**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 |
| S5-222000 | Agenda | WG Chair | approved |  |  |
| S5-222001 | Report from last SA5 meeting | MCC | approved |  |  |
| S5-222002 | e-meeting process | WG Chair | noted |  |  |
| S5-222003 | Post e-meeting email approval status | WG Chair | available |  |  |
| S5-222004 | OAM&P action list | WG Vice Chair (Huawei) | noted |  |  |
| S5-222005 | agenda\_with\_Tdocs\_sequence\_proposal\_OAM | WG Vice Chair (Huawei) | noted |  |  |
| S5-222006 | OAM Exec Report | WG Vice Chair (Huawei) | reserved |  |  |
| S5-222007 | OAM Chair notes and conclusions | WG Chair | noted |  |  |
| S5-222008 | CH agenda and time plan | WG vice Chair (Matrixx) | revised |  | S5-222760 |
| S5-222009 | Charging exec report | WG vice Chair (Matrixx) | noted |  |  |
| S5-222010 | SA5 working procedures | WG Chair | approved |  |  |
| S5-222011 | Process for management of draft TS-TRs | WG Chair | approved |  |  |
| S5-222012 | SA5 meeting calendar | WG CHair | revised |  | S5-222576 |
| S5-222013 | Collection of useful endorsed document and external communication documents | WG Vice Chair (Huawei) | noted |  |  |
| S5-222014 | Rel-17 pCR 28.826 ServiceID in Charging Data Request | Nokia | withdrawn |  |  |
| S5-222015 | Rel-17 pCR 32.290 CHF Set Concept and Retry Handling | Nokia | withdrawn |  |  |
| S5-222016 | Rel-18 pCR TR 28.829-Annex-B-IT Services Model | Samsung, EUTC, EDF, BMWK | approved |  |  |
| S5-222017 | TR 22.829 skeleton cover sheet | Samsung (Rapporteur) | revised |  | S5-222671 |
| S5-222018 | pCR 28.829 Structure | Samsung (Rapporteur) | revised |  | S5-222672 |
| S5-222019 | pCR TR 28.829 Scope | Samsung, EUTC, EDF, BMWK | approved |  |  |
| S5-222020 | pCR TR 28.829 Overview | Samsung, EUTC, EDF, BMWK | approved |  |  |
| S5-222021 | pCR 32.290 CHF Set Concept and Retry Handling | Nokia | noted |  |  |
| S5-222022 | TR 28.913 skeleton | Orange | approved |  |  |
| S5-222023 | pCR TR 28.913 Clause titles for key issues and solutions | Orange | approved |  |  |
| S5-222024 | pCR TR 28.913 New Key Issue Considering additional virtual resources usage | Orange, AT&T, Telefonica | approved |  |  |
| S5-222025 | pCR TR 28.913 New key issue Considering Containerized Network Functions | Orange, AT&T, Telefonica, Deutsche Telekom | revised |  | S5-222669 |
| S5-222026 | pCR TR 28.913 New key issue Energy Consumption of RAN nodes | Orange, Deutsche Telekom | revised |  | S5-222670 |
| S5-222027 | CR R17 32.240 Missing section number correction | Vodafone GmbH | withdrawn |  |  |
| S5-222028 | SA5 working procedures Forge | Nokia, Nokia Shanghai Bell | revised |  | S5-222572 |
| S5-222029 | Discussion paper on Forge change in SA5 OAM proposed in SP-220341 | Nokia, Nokia Shanghai Bell | revised |  | S5-222573 |
| S5-222030 | pCR TS 28.312 Add verbalization of expectation to intent Model | Nokia | revised |  | S5-222681 |
| S5-222031 | pCR TS 28.312 Update intent fulfillment tracking in information model | Nokia | revised | S5-221238 | S5-222682 |
| S5-222032 | pCR TS 28.312 Add requirements for intent conflict information | Nokia | noted |  |  |
| S5-222033 | pCR 28.105 Add requirements for AI/ML selection | Nokia Germany | revised |  | S5-222688 |
| S5-222034 | pCR 28.105 Add requirements for control of AI/ML Training | Nokia Germany | revised |  | S5-222689 |
| S5-222035 | pCR 28.105 Add NRM fragments for AI/ML Training | Nokia Germany | revised |  | S5-222690 |
| S5-222036 | pCR 28.105 Support for Training of ML-based functions | Nokia Germany | revised |  | S5-222691 |
| S5-222037 | pCR 28.104 Extend requirements for coverage Analytics | Nokia Germany | revised |  | S5-222692 |
| S5-222038 | Rel-18 TR 28.836-Cover Sheet | Ericsson GmbH, Eurolab | withdrawn |  |  |
| S5-222039 | Rel-18 pCR TR 28.836 Structure | Ericsson GmbH, Eurolab | approved |  |  |
| S5-222040 | Rel-18 pCR TR 28.836 Add scope | Ericsson GmbH, Eurolab, Deutsche Telekom | approved |  |  |
| S5-222041 | Rel-18 pCR TR 28.836 Add introduction | Ericsson GmbH, Eurolab, Deutsche Telekom | approved |  |  |
| S5-222042 | [Draft CR] Rel-18 28.622 Add stage 2 solution for LcmJob IOC | Intel Korea, Ltd. | noted |  |  |
| S5-222043 | [Draft CR] Rel-18 28.623 Add stage 3 solution for LcmJob IOC | Intel Korea, Ltd. | noted |  |  |
| S5-222044 | [Draft CR] Rel-17 28.538 Add the concept for edge computing management | Intel Korea, Samsung | revised |  | S5-222718 |
| S5-222045 | [Draft CR] Rel-17 28.538 Add notification to ECM IOCs | Intel Korea, Ltd. | merged |  | S5-222720 |
| S5-222046 | [Draft CR] Rel-17 28.538 Add the missing procedure not implemented from approved pCR | Intel Korea, Ltd. | revised |  | S5-222754 |
| S5-222047 | [Draft CR] Rel-18 28.538 Add a use case for EAS discovery failure | Intel Korea, Ltd. | noted |  |  |
| S5-222048 | [Draft CR] Rel-18 28.538 Add a procedurefor EAS discovery failure | Intel Korea, Ltd. | noted |  |  |
| S5-222049 | [Draft CR] Rel-18 28.538 Add the stage 2 solution for EASDiscovery IOC | Intel Korea, Ltd. | noted |  |  |
| S5-222050 | [Draft CR] Rel-18 28.538 Add the stage 2 solution for EASDiscovery IOC | Intel Korea, Ltd. | noted |  |  |
| S5-222051 | New SID Study on measurement data collection to support RAN intelligence | Intel Korea, Ltd. Verizon, AT&T, CMCC | revised |  | S5-222631 |
| S5-222052 | TR 28.864-0.0.0 initial skeleton | China Telecom Corporation Ltd. | approved |  |  |
| S5-222053 | pCR 28.864 Clause titles for TR28.864 | China Telecom Corporation Ltd. | revised |  | S5-222621 |
| S5-222054 | Rel-17 28.622 enhance NRM to support access control | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222055 | TS32.158 enhance OpenAPI to support access control | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222056 | Rel-17 TS28.623 enhance NRM to support access control Stage 3 | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222057 | TS28.533 enhancement to support access control | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222058 | TS 28.541 Fixing a few issues with attribute related to nextHopInfoList in EP\_transport | Nokia, Nokia Shanghai Bell, KDDI | revised |  | S5-222594 |
| S5-222059 | R17 TS 28.538 add modification procedures | AsiaInfo Technologies Inc | revised |  | S5-222607 |
| S5-222060 | R17 TS 28.538 add query procedures | AsiaInfo Technologies Inc | revised |  | S5-222608 |
| S5-222061 | Add key issue #X: ANL for RAN Energy Saving | AsiaInfo Technologies Inc | merged |  | S5-222614 |
| S5-222062 | Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC | Nokia, Nokia Shangai Bell | withdrawn |  |  |
| S5-222063 | Rel-16 CR 28.623 Stage 3 Yang fix for 3GPP Common Trace | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222064 | pCR 28.864 new KI on NRM enhancement to support Multiple NWDAF Deployment | China Telecom Corporation Ltd. | revised |  | S5-222622 |
| S5-222065 | Rel 17 TS 28.623 Stage 3 Yang fix for 3GPP Common Trace | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222066 | Rel-16 CR 28.541 Diagram fix for NRM fragment for RRM policies | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222067 | DP on WoPs of FS\_MANWDAF | China Telecom Corporation Ltd. | merged |  | S5-222551 |
| S5-222068 | Rel-17 TS 28.541 Diagram fix for NRM fragment for RRM policies | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222069 | Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222070 | Add attribute properties for NetworkSliceSubnet attribute priorityLabel | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222071 | Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222072 | Add attribute properties for NetworkSliceSubnet attribute priorityLabel | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222073 | Fix to change “Support Qualifier" to "S" | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222074 | LS on changes over E1AP due to RACH NSA Measurements | Nokia Solutions & Networks (I) | revised |  | S5-222816 |
| S5-222075 | Rel-16 CR 32.158 Add definition of secondary resource | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222076 | Rel-16 CR 32.158 Add definition of resource "/{MnSName}/{MnSVersion}" | Nokia, Nokia Shanghai Bell | revised |  | S5-222586 |
| S5-222077 | Define LogicInterfaceInfo datatype and fix attribute properties for logicInterfaceInfo | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222078 | Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Producer | Nokia, Nokia Shanghai Bell | revised |  | S5-222587 |
| S5-222079 | Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Consumer | Nokia, Nokia Shanghai Bell | revised |  | S5-222588 |
| S5-222080 | Rel-16 CR 32.158 Clarify clause Design pattern for reading a resource | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222081 | Rel-16 CR TS 28.541 Fix attribute properties for configurable5QISetRef and dynamic5QISetRef | Nokia, Nokia Shanghai Bell | merged |  | S5-222604 |
| S5-222082 | Rel-16 CR 32.158 Clarify clause Design pattern for updating a resource | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222083 | Rel-16 CR 32.158 Clarify clause Design pattern for deleting a resource | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222084 | Rel-16 CR 32.158 Clarify clause Design pattern for subscribe/notify | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222085 | Rel-16 CR 32.158 Clarify clause Design pattern for scoping and filtering | Nokia, Nokia Shanghai Bell | revised |  | S5-222589 |
| S5-222086 | Rel-16 CR 32.158 Clarify clause Design patterns for attribute and attribute field selection | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222087 | Rel-16 CR 32.158 Clarify clause Design patterns for partially updating a resource | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222088 | Rel-17 CR TS 28.541 Fix attribute properties for configurable5QISetRef and dynamic5QISetRef | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222089 | pCR 28.104 Critical Maintenance Management | Samsung R&D Institute India | revised |  | S5-222693 |
| S5-222090 | pCR 28.104 Handover Optimization | Samsung R&D Institute India | noted |  |  |
| S5-222091 | pCR 28.104 Network Slice Traffic Prediction | Samsung R&D Institute India | revised |  | S5-222695 |
| S5-222092 | Rel-16 CR 32.158 Clarify clause Design patterns for patching multiple resources | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222093 | pCR 28.104 Paging Optimization | Samsung R&D Institute India | noted |  |  |
| S5-222094 | Rel-16 CR 32.158 Add missing clause Large queries | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222095 | Rel-16 CR 32.158 Correct examples in Annex A | Nokia, Nokia Shanghai Bell | revised |  | S5-222590 |
| S5-222096 | Rel-16 CR 28.532 Correct definition of Resource | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222097 | Rel-17 InputToDraftCR 28.537 Targeted management data collection | Samsung R&D Institute India | merged |  | S5-222759 |
| S5-222098 | TR 28.836 skeleton -0.0.0 | Ericsson | approved |  |  |
| S5-222099 | Rel-16 CR 28.532 Correct REST SS of deleteMOI | Nokia, Nokia Shanghai Bell | revised |  | S5-222591 |
| S5-222100 | WoP proposal for eECM | Samsung R&D Institute India | merged |  | S5-222551 |
| S5-222101 | Rel-17 InputToDraftCR 28.622 ManagementDataSubscription | Samsung, Ericsson | revised |  | S5-222633 |
| S5-222102 | Re-16 CR 28.622 Add missing definitions of common data types | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222103 | Initial version of TR28.903 | HUAWEI TECH. GmbH | approved |  |  |
| S5-222104 | Wop of FS\_DCSA | Huawei | merged |  | S5-222551 |
| S5-222105 | Rel-17 pCR 28.104 correct the referred clauses | HUAWEI | approved |  |  |
| S5-222106 | FS\_NSOEU Work Package (WoP) Proposal | Samsung Electronics GmbH | merged |  | S5-222551 |
| S5-222107 | TR 28.863-0.0.0 initial skeleton | Huawei | revised |  | S5-222673 |
| S5-222108 | pCR TR28.863 Skeleton proposal for TR28.863 | Huawei | revised |  | S5-222674 |
| S5-222109 | pCR TR 28.863 add scope | Huawei | approved |  |  |
| S5-222110 | Wop of FS\_KQI\_5G | Huawei | merged |  | S5-222551 |
| S5-222111 | Rel-16 CR 28.623 Stage 3 Yang fix for 3GPP Common Trace | Nokia, Nokia Shanghai Bell | revised |  | S5-222592 |
| S5-222112 | pCR TR 28.863 Key Issue # 1 Definition of KQI | Huawei | noted |  |  |
| S5-222113 | TR 28.865 Skeleton | Huawei | approved |  |  |
| S5-222114 | pCR TR 28.863 Key Issue # 2 Scenarios for 5G KQI | Huawei | revised |  | S5-222675 |
| S5-222115 | pCR TR 28.865 Add scope of FS\_DCSA | Huawei Technologies Japan K.K. | revised |  | S5-222677 |
| S5-222116 | Rel 17 TS 28.623 Stage 3 Yang fix for 3GPP Common Trace | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222117 | pCR TR 28.865 Add overview of FS\_DCSA | Huawei Technologies Japan K.K. | revised |  | S5-222678 |
| S5-222118 | pCR TR 28.865 Skeleton proposa | Huawei Technologies Japan K.K. | revised |  | S5-222676 |
| S5-222119 | Rel-16 CR 28.541 Diagram fix for NRM fragment for RRM policies | Nokia, Nokia Shanghai Bell | revised |  | S5-222593 |
| S5-222120 | Rel-17 TS 28.541 Diagram fix for NRM fragment for RRM policies | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222121 | TR 28.909 v0.0.0 Initial skeleton | China Mobile, Huawei | approved |  |  |
| S5-222122 | Discussion on WoP of FS\_ANLEVA | China Mobile, Huawei | merged |  | S5-222551 |
| S5-222123 | pCR 28.909 Add TR structure and abbreviation | China Mobile, Huawei | revised |  | S5-222617 |
| S5-222124 | pCR 28.909 Add scope | China Mobile, Huawei | revised |  | S5-222618 |
| S5-222125 | pCR 28.909 Add concept description for autonomous network level evaluation | China Mobile, Huawei | revised |  | S5-222619 |
| S5-222126 | TR 28.910 v0.0.0 Initial skeleton | China Mobile, Huawei | approved |  |  |
| S5-222127 | Discussion on WoP of FS\_eANL | China Mobile, Huawei | merged |  | S5-222551 |
| S5-222128 | pCR 28.910 Add TR structure | China Mobile, Huawei | revised |  | S5-222615 |
| S5-222129 | pCR 28.910 Add scope | China Mobile, Huawei | revised |  | S5-222616 |
| S5-222130 | pCR 28.312 Update procedures for intent management | China Mobile | revised |  | S5-222683 |
| S5-222131 | Fixing OpenAPI Discoverability issue in EdgeNrm.yaml stage 3 | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222132 | Fixing OpenAPI Discoverability issue in CoslaNrm.yaml stage 3 | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222133 | Fixing OpenAPI Discoverability issue in CoslaNrm.yaml stage 3 | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222134 | Add attributes for EP\_transport | TELUS | merged |  | S5-222594 |
| S5-222135 | Add procedure for consumption of exposed MnS after service order is completed | Ericsson GmbH, Eurolab, Deutsche Telekom | noted |  |  |
| S5-222136 | LS on the specification of AT commands for NR QoE | C1-222058 | noted |  |  |
| S5-222137 | Reply LS ccSA5 On User Consent Updating | C4-221413 | noted |  |  |
| S5-222138 | LS ccSA5 on Traffic usage reporting on 5MBS service | C4-221443 | replied to |  |  |
| S5-222139 | Reply LS on Enhancement on Charging Identifier Uniqueness Mechanism | C4-221440 | noted |  |  |
| S5-222140 | LS reply from ENSWI to 3GPP SA5 on overall architecture for network slice ordering, provisioning and assurance | GSMA | replied to |  |  |
| S5-222141 | Resubmitted LS on the first deliverable on use cases for autonomous networks from ITU FG-AN | ITU FG-AN | replied to |  |  |
| S5-222142 | TM Forum E2E team Response to liaison S5-215530 | TM Forum | replied to |  |  |
| S5-222143 | Minutes Formal Liaison Meeting #15 Minutes 21st February 2022 Liaison AN-SDO2022-02 | TM Forum | noted |  |  |
| S5-222144 | Publication of NFV SOL001 V4.2.1 | ETSI ISG NFV | noted |  |  |
| S5-222145 | Further Operator Platform Group questions following SDO Workshop | GSMA | noted |  |  |
| S5-222146 | Further reply LS ccSA5 on QoE report handling at QoE pause | R2-2201862 | noted |  |  |
| S5-222147 | LS ccSA5 on the specification of AT commands for NR QoE | R2-2202017 | noted |  |  |
| S5-222148 | Reply LS ccSA5 on maximum container size for QoE configuration and report | R2-2202018 | noted |  |  |
| S5-222149 | LS ccSA5 on logged MDT configuration at SN in DC scenario | R2-2204063 | noted |  |  |
| S5-222150 | LS on RAN2 agreements on NR QoE | R2-2204202 | noted |  |  |
| S5-222151 | Resubmitted Response to LS Reply LS on Enhancement of RAN Slicing | R3-216238 | replied to |  |  |
| S5-222152 | LS ccSA5 on User consent Updating | R3-221210 | noted |  |  |
| S5-222153 | LS ccSA5 on QoE Measurement Session Start and Measurement Session End Indication from the UE | R3-221243 | noted |  |  |
| S5-222154 | Reply LS to SA5 on beam measurement reports | R3-221383 | postponed |  |  |
| S5-222155 | LS on QMC related RAN3 progress | R3-221437 | noted |  |  |
| S5-222156 | LS on configuration updates of MDT M1, M8 and M9 in RAN3 specifications | R3-221445 | postponed |  |  |
| S5-222157 | Reply LS on MDT M6 calculation for split bearers in MR-DC | R3-222868 | noted |  |  |
| S5-222158 | LS on RAN3 agreements for NR QoE | R3-222890 | postponed |  |  |
| S5-222159 | Reply LS ccSA5 on MINT functionality for Disaster Roaming | S2-2201514 | replied to |  |  |
| S5-222160 | Reply LS ccSA5 on MBS Service Area Identity and start procedure for broadcast service | S2-2201517 | noted |  |  |
| S5-222161 | Reply LS ccSA5 on Further GSMA OPAG questions following SDO Workshop | S2-2201721 | noted |  |  |
| S5-222162 | Reply LS ccSA5 on User Consent Updating | S3-220474 | noted |  |  |
| S5-222163 | Reply LS ccSA5 on Reply LS on MINT functionality for Disaster Roaming | S3-220518 | noted |  |  |
| S5-222164 | Reply LS ccSA5 on Further Operator Platform Group questions following SDO Workshop | S3-220571 | noted |  |  |
| S5-222165 | LS Reply ccSA5 on maximum container size for QoE configuration and report | S4-220237 | noted |  |  |
| S5-222166 | LS Reply on QoE configuration and reporting related issues | S4-220309 | postponed |  |  |
| S5-222167 | Resubmitted LS on TS 28.404/TS 28.405 Clarification | S4-211234 | postponed |  |  |
| S5-222168 | Reply LS ccSA5 on Prioritized Vehicle to Cloud Technical Solutions (Automotive Edge Computing Consortium (AECC)) | S6-220265 | noted |  |  |
| S5-222169 | Reply LS ccSA5 on further Operator Platform Group questions following SDO Workshop | S6-220432 | noted |  |  |
| S5-222170 | Resubmitted LS/r on methodology harmonization update (reply to 3GPP TSG SA5-S5-215481) | ITU-T SG2 | replied to |  |  |
| S5-222171 | Rel-17 Input to DraftCR 28.622 Add data discovery NRM fragment | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222172 | Rel-17 CR 28.623 Add data discovery NRM fragment (OpenAPI definition) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222173 | S5-222173 Rel-18 pCR 28.831 Add skeleton | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222174 | Rel-18 pCR 28.831 Add key issue 1 Schema for notifyMOIChanges | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222175 | Rel-18 pCR 28.831 Add key issue 2 Targeted notification subscriptions | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222176 | Rel-18 pCR 28.831 Add material key issue 2 Targeted notification subscriptions | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222177 | CR R17 32.240 Missing section number correction | Vodafone GmbH | revised |  | S5-222767 |
| S5-222178 | Initial skeleton (v000) of TR 28.908 | Intel Technology Poland SP Zoo | approved |  |  |
| S5-222179 | Introduction of a solution for KI#6 | Apple GmbH | noted |  |  |
| S5-222180 | pCR 28.105 Add AI-ML background | Intel, NEC | revised |  | S5-222696 |
| S5-222181 | pCR 28.105 Enhance NRMs for AI-ML model training | Intel, NEC | merged |  | S5-222690 |
| S5-222182 | pCR 28.104 Add common information elements of analytics outputs | Intel, NEC, China Telecom, HUAWEI | revised |  | S5-222697 |
| S5-222183 | pCR 28.104 Add data type definitions | Intel | noted |  |  |
| S5-222184 | pCR 28.104 Update NRM for MDA request | Intel | revised |  | S5-222698 |
| S5-222185 | Draft CR Rel-17 28.552 Enhance UE Context Release measurements for MDA | Intel | revised |  | S5-222700 |
| S5-222186 | draft TR 28.837 | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222187 | WoPs for AI-ML management study | Intel, NEC | merged |  | S5-222551 |
| S5-222188 | pCR 28.908 Add scope | Intel, NEC | approved |  |  |
| S5-222189 | Discussion paper on management capability exposure using CAPIF | Ericsson, Orange, AT&T, Telefonica, Deutsche Telekom | noted |  |  |
| S5-222190 | pCR 28.837 skeleton | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222191 | pCR 28.908 Add AI-ML workflow for 5GS | Intel, NEC | noted |  |  |
| S5-222192 | pCR 28.908 Add use case on AI-ML model validation | Intel, NEC | noted |  |  |
| S5-222193 | pCR 32.257 Add charging information definition for edge enabling services charging | Intel | revised |  | S5-222768 |
| S5-222194 | Rel-18 pCR 28.827 Add a SMS use case and solution for 7.1 | MATRIXX Software | revised |  | S5-222797 |
| S5-222195 | Rel-18 pCR 28.827 Add a SMS use case Key issues and requirements for 7.2 | MATRIXX Software | revised |  | S5-222798 |
| S5-222196 | Rel-18 pCR 28.827 Add CHF to CHF solution for SMS in 7.2 | MATRIXX Software | revised |  | S5-222799 |
| S5-222197 | Rel-18 pCR 28.827 Add CTF to two CHFs solution for SMS in 7.2 | MATRIXX Software | revised |  | S5-222800 |
| S5-222198 | Draft CR Rel-17 32.240 Enhance charging architecture for Edge Computing | Intel | noted |  |  |
| S5-222199 | Rel-17 draftCR 28.537 Add requirements for data management | Nokia, Nokia Shanghai Bell, Samsung | revised |  | S5-222759 |
| S5-222200 | Rel-17 draftCR 28.622 Add data collection job to allow consumers without detailed knowledge of the network to request for data (stage 2) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222201 | Rel-17 draftCR 28.623 Add data collection job to allow consumers without detailed knowledge of the network to request for data (stage 3) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222202 | Rel-16 draftCR 28.622 Alignment of parameter names to 32.422 (stage 2) | Nokia, Nokia Shanghai Bell | revised |  | S5-222595 |
| S5-222203 | Rel-16 draftCR 28.623 Alignment of parameter names to 32.422 (stage 3) | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222204 | Rel-17 draftCR 28.622 Structuring of TraceJob IOC and Clean Up (stage 2) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222205 | Rel-17 draftCR 28.623 Structuring of TraceJob IOC and Clean Up (stage 3) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222206 | Rel-16 draftCR 28.622 Clean up of attribute properties | Nokia, Nokia Shanghai Bell | revised |  | S5-222596 |
| S5-222207 | Rel-17 draftCR 28.622 Clean up of attribute properties | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222208 | Rel-17 draftCR 32.422 Add metric identifier for trace metrics | Nokia, Nokia Shanghai Bell | revised |  | S5-222635 |
| S5-222209 | Rel-17 draftCR 28.552 Correct handover execution failure per beam pair measurement | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222210 | Rel-17 draftCR 28.552 Clean up of PM related to MRO | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222211 | pCR 28.837 scope | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222212 | Work Packages (WoPs) for SID on further Enhancements of Management of Trace/MDT (FS\_5GMDT\_Ph2) | Nokia, Nokia Shanghai Bell | merged |  | S5-222551 |
| S5-222213 | pCR 28.837 Reporting Methods of TraceJob and PerfMetricJob | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222214 | Rel-17 pCR 28.826 ServiceID in Charging Data Request | Nokia | noted |  |  |
| S5-222215 | Rel-16 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-5gcNrm.yaml | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222216 | Rel-16 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-nrNrm.yaml | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222217 | Rel-16 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-sliceNrm.yaml | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222218 | Rel-17 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-5gcNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222219 | Rel-17 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-nrNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222220 | Rel-17 TS 28.541 Fixing OpenAPI Discoverability issue in Stage3-sliceNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222221 | Rel-16 TS 28.541 OpenAPI file name and dependence change-5gcNrm.yaml | Nokia, Nokia Shanghai Bell | revised |  | S5-222581 |
| S5-222222 | Rel-16 TS 28.541 OpenAPI file name and dependence change-nrNrm.yaml | Nokia, Nokia Shanghai Bell | revised |  | S5-222582 |
| S5-222223 | Rel-16 TS 28.541 OpenAPI file name and dependence change-sliceNrm.yaml | Nokia, Nokia Shanghai Bell | revised |  | S5-222583 |
| S5-222224 | Rel-17 TS 28.541 OpenAPI file name and dependence change-5gcNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222225 | Rel-17 TS 28.541 OpenAPI file name and dependence change-nrNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222226 | Rel-17 TS 28.541 OpenAPI file name and dependence change-sliceNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222227 | Rel-17 CR 32.240 Addition of the architeure for 5G LAN charging | Huawei | revised |  | S5-222790 |
| S5-222228 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Architecture | Huawei | revised |  | S5-222791 |
| S5-222229 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Principles | Huawei | revised |  | S5-222792 |
| S5-222230 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Information | Huawei | revised |  | S5-222793 |
| S5-222231 | Rel-17 CR 32.291 Additional charging information for the 5G LAN management | Huawei | not pursued |  |  |
| S5-222232 | Rel-17 CR 32.298 Additional charging information for the 5G LAN Charging | Huawei | revised |  | S5-222813 |
| S5-222233 | Rel-17 pCR 32.257 Correction on the charging information description | Huawei | revised |  | S5-222776 |
| S5-222234 | Rel-17 pCR 32.257 Clarification on the EAS Deployment Charging | Huawei | revised |  | S5-222777 |
| S5-222235 | Rel-17 pCR 32.257 Clarification on the Edge Enabling Infrastructure Resource | Huawei | revised |  | S5-222778 |
| S5-222236 | Rel-17 pCR 28.826 Add the solution for NB Enhancement | Huawei | revised |  | S5-222773 |
| S5-222237 | Rel-17 pCR 28.827 Additional BCE and TAP relationship | Huawei | revised |  | S5-222810 |
| S5-222238 | Rel-17 pCR 28.827 Additional new solutions for Topic 7.6 | Huawei | noted |  |  |
| S5-222239 | Rel-17 pCR 28.827 Clarification on the Roaming Charging Profile | Huawei | noted |  |  |
| S5-222240 | Rel-17 pCR 28.827 Addition of the solution for the Roaming Charging Profile | Huawei | approved |  |  |
| S5-222241 | Rel-17 pCR 28.827 Correction on the solution 1.3 | Huawei | approved |  |  |
| S5-222242 | Rel-17 CR 32.298 Add charging information in CDR | Huawei | revised |  | S5-222786 |
| S5-222243 | New Rel-18 WID 5G advanced performance measurements and KPIs | China Telecomunication Corp., Intel | revised |  | S5-222578 |
| S5-222244 | TR 28.912 initial version-0.0.0 | Huawei,Ericsson | approved |  |  |
| S5-222245 | Rel-17 draftCR TS 28.541 Add feasibility check NRM fragment | Huawei,China Unicom, Deutsche Telekom,China Mobile | revised | S5-221150 | S5-222724 |
| S5-222246 | Rel-17 draftCR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet | Huawei,China Unicom,Deutsche Telekom,China Mobile | revised | S5-221151 | S5-222721 |
| S5-222247 | Study on Advanced Alarm Management for 5G | China Unicom | noted |  |  |
| S5-222248 | Rel-16 Draft CR 28.541 Correction on minor errrors in nrNRM yaml | Huawei | revised |  | S5-222597 |
| S5-222249 | Rel-17 Draft CR 28.541 Correction on minor errrors in nrNRM yaml | Huawei | withdrawn |  |  |
| S5-222250 | Rel-16 Draft CR 28.541 Correcton on the attribute definition in the wrong yaml file | Huawei | revised |  | S5-222598 |
| S5-222251 | Rel-17 Draft CR 28.541 Correcton on the attribute definition in the wrong yaml file | Huawei | withdrawn |  |  |
| S5-222252 | pCR TS 28.317 Add scope | Huawei,China Mobile | revised |  | S5-222605 |
| S5-222253 | pCR TR 28.910 Add autonomous network level for radio network planning | Huawei,China Mobile | noted |  |  |
| S5-222254 | pCR TS 28.910 Add autonomous network level for RAN energy saving scenario | Huawei | revised |  | S5-222614 |
| S5-222255 | pCR TR 28.912 Add scope | Huawei,Ericsson | approved |  |  |
| S5-222256 | pCR TR 28.912 Add structure | Huawei,Ericsson | approved |  |  |
| S5-222257 | Rel-18 3GPP\_SA5 OAM WoP\_FS\_eIDMS\_MN | Huawei,Ericsson | merged |  | S5-222551 |
| S5-222258 | pCR TS 28.312 Address the Editor's Notes issues | Huawei,Nokia, Deutsche Telekom | approved |  |  |
| S5-222259 | pCR TS 28.312 Move clause 6.4 scenario specific IntentExpectationto 6.2 | Huawei | revised |  | S5-222684 |
| S5-222260 | pCR TS 28.312 Update clause 7 stage3 to align with clause 2 stage2 | Huawei,Deutsche Telekom | approved |  |  |
| S5-222261 | Rel-17draft CR TS 28.532 Update provMnS yaml file to include the resources-intentNrm | Huawei,Deutsche Telekom | revised |  | S5-222685 |
| S5-222262 | pCR TS 28.312 Rapporteur clean up | Huawei | approved |  |  |
| S5-222263 | Presentation sheet of TS 28.312 for SA Information and Approval | Huawei | approved |  |  |
| S5-222264 | Rel-17 Draft CR 28.541 Correction on two SLA attributes | Huawei | revised |  | S5-222599 |
| S5-222265 | TR 28.907 initial skeleton | Huawei | approved |  |  |
| S5-222266 | pCR 28.907 Skeleton proposal from Rapporteur | Huawei | approved |  |  |
| S5-222267 | pCR 28.907 Scope proposal from Rapporteur | Huawei | approved |  |  |
| S5-222268 | pCR 28.907 Overview proposal | Huawei | approved |  |  |
| S5-222269 | Update SID on enhancement of management of NPN | Huawei | approved |  |  |
| S5-222270 | pCR 28.907 Key Issue on Resource isolation demand for vertical applications | Huawei | revised |  | S5-222667 |
| S5-222271 | pCR 28.907 Key Issue on E2E fault management | Huawei | revised |  | S5-222668 |
| S5-222272 | pCR 28.907 Key Issue on Management of NPN service customer | Huawei | approved |  |  |
| S5-222273 | Rel-18 3GPP\_SA5 OAM WoP\_FS\_OAM\_eNPN | Huawei | merged |  | S5-222551 |
| S5-222274 | pCR 28.824 Add new requirements related to exposure interface via OSS | Huawei | noted |  |  |
| S5-222275 | pCR 28.824 Update potential solution for exposed MnS consumption via OSS interface | Huawei | noted |  |  |
| S5-222276 | pCR 28.824 Update use case Exposure of network slice as a service | Huawei | noted |  |  |
| S5-222277 | Rel-17 draftCR 28.531 Deleting capacity planning use case | Samsung R&D Institute India | approved |  |  |
| S5-222278 | Rel-17 draftCR 28.531 Deleting CreateMOI for Network Slice provisioning MnS | Samsung R&D Institute India | noted |  |  |
| S5-222279 | Rel-17 draftCR 28.531 Deleting network slice capability exposure | Samsung R&D Institute India | revised |  | S5-222722 |
| S5-222280 | Rel-17 draftCR 28.531 Deleting service priority | Samsung R&D Institute India | noted |  |  |
| S5-222281 | Rel-17 draftCR 28.531 Update procedures and operations to support asynchronous mode of operation | Samsung R&D Institute India | noted |  |  |
| S5-222282 | Rel-17 draftCR 28.538 Concept and Overview | Samsung R&D Institute India | merged |  | S5-222718 |
| S5-222283 | Rel-17 draftCR 28.538 Notifications | Samsung R&D Institute India | revised |  | S5-222720 |
| S5-222284 | Rel-17 draftCR 28.538 Resolving ED | Samsung R&D Institute India | revised |  | S5-222719 |
| S5-222285 | Rel-17 draftCR 28.541 Access specific slice configuration | Samsung R&D Institute India | revised |  | S5-222606 |
| S5-222286 | DP on the relationship of CAMARA and SA work on capability exposure | TELEFONICA S.A. | revised |  | S5-222574 |
| S5-222287 | Rel-17 draftCR 28.541 adding processMonitor in NetworkSlice and NetworkSliceSubnet | Samsung R&D Institute India | noted |  |  |
| S5-222288 | Rel-17 draftCR 28.552 Mean number of DRBs undergoing from User Plane Path Failures | Samsung R&D Institute India | revised |  | S5-222694 |
| S5-222289 | Reply LS to GSMA NG ENSWI on overall architecture for network slice ordering, provisioning and assurance | Orange | revised |  | S5-222814 |
| S5-222290 | Reply LS to TM Forum on overall architecture for network slice ordering, provisioning and assurance | Orange | revised |  | S5-222815 |
| S5-222291 | Rel-18 InputToDraftCR 28.538 EESFunction IOC | Samsung R&D Institute India | revised |  | S5-222628 |
| S5-222292 | TR 28.832-0.0.0 initial skeleton | China Unicom | approved |  |  |
| S5-222293 | Rel-16 TS 28.623 OpenAPI file name and dependence change-comDefs.yaml | Nokia, Nokia Shanghai Bell | revised |  | S5-222584 |
| S5-222294 | Rel-16 TS 28.623 OpenAPI file name and dependence change-genericNrm.yaml | Nokia, Nokia Shanghai Bell | revised |  | S5-222585 |
| S5-222295 | Rel-17 TS 28.623 OpenAPI file name and dependence change-comDefs.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222296 | Rel-17 TS 28.623 OpenAPI file name and dependence change-genericNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222297 | TR 28.835-0.0.0 initial skeleton | China Unicom | approved |  |  |
| S5-222298 | Rel-17 draftCR 28.541 Network slice subnet capability IOC | Samsung, Nokia | noted |  |  |
| S5-222299 | pCR TR 28.912 Add key issue for intent driven approach for RAN energy saving | Huawei | revised |  | S5-222620 |
| S5-222300 | TR 28.833 Initial Skeleton v0.0.0 | China Mobile Com. Corporation | approved |  |  |
| S5-222301 | TR 28.833 Add TR structure | China Mobile Com. Corporation | approved |  |  |
| S5-222302 | TR 28.833 Add scope of management aspect of 5GLAN | China Mobile Com. Corporation | revised |  | S5-222661 |
| S5-222303 | TR 28.833 Add concepts and background of FS\_5GLAN\_Mgt | China Mobile Com. Corporation | revised |  | S5-222662 |
| S5-222304 | Rel-17 draftCR 28.531 Network slice subnet capabilities | Samsung R&D Institute India | noted |  |  |
| S5-222305 | WoP of FS\_5GLAN\_Mgt | China Mobile Com. Corporation | merged |  | S5-222551 |
| S5-222306 | WoP Proposal for Rel-18 Study on 5G energy efficiency phase 2 | Orange | merged |  | S5-222551 |
| S5-222307 | Add scope | China Unicom | approved |  |  |
| S5-222308 | Add scope to TR 28.835 | China Unicom | approved |  |  |
| S5-222309 | Update requirement | CATT | revised |  | S5-222770 |
| S5-222310 | Adding message flows for 5G ProSe Direct Communication converged charging | CATT | revised |  | S5-222780 |
| S5-222311 | Introduction of CDR generation and handling for converged charging | CATT | revised |  | S5-222781 |
| S5-222312 | Introduction of Message content charging | CATT | revised |  | S5-222782 |
| S5-222313 | Introduction of 5G ProSe converged charging information | CATT | revised |  | S5-222783 |
| S5-222314 | Introduction of Detailed message format for converged charging | CATT | revised |  | S5-222784 |
| S5-222315 | Introduction of clauses on formal description and binding | CATT | revised |  | S5-222785 |
| S5-222316 | pCR TS 28.312 Update the clause 4.2.2 | China Mobile Com. Corporation | noted |  |  |
| S5-222317 | WoP Proposal for Rel-18 Work Item on Enhancements of EE for 5G Phase 2 | Orange | merged |  | S5-222551 |
| S5-222318 | WoP of FS\_URLLC\_Mgt | China Unicom | merged |  | S5-222551 |
| S5-222319 | Wop of FS\_MANS\_ph2 | China Unicom | merged |  | S5-222551 |
| S5-222320 | Rel-16 draftCR 28.554 update formula of of PDU session establishment success rate | Huawei | approved |  |  |
| S5-222321 | Rel-17 draftCR 28.554 update formula of of PDU session establishment success rate | Huawei | withdrawn |  |  |
| S5-222322 | pCR 28.836 Add background of mapping in TS 28.531 | Huawei | revised |  | S5-222636 |
| S5-222323 | pCR 28.836 Add background information related to 28.312 | Huawei | revised |  | S5-222637 |
| S5-222324 | pCR 28.819 Add description of roles | Huawei | revised |  | S5-222664 |
| S5-222325 | pCR 28.819 Add description of deployment options | Huawei | noted |  |  |
| S5-222326 | pCR 28.819 Update the phase of 3GPP NF monitoring | Huawei | revised |  | S5-222665 |
| S5-222327 | pCR 28.824 Describe possible solution for EGMF | Huawei | revised |  | S5-222756 |
| S5-222328 | pCR 28.824 Add scenario of management exposure | China Southern Power Grid, Huawei | noted |  |  |
| S5-222329 | pCR 28.903 add scope | Huawei | approved |  |  |
| S5-222330 | pCR TR 28.903 Add skeleton | Huawei | approved |  |  |
| S5-222331 | Wop of FS\_MEC\_ECM | Huawei | merged |  | S5-222551 |
| S5-222332 | pCR 28.104 Clarify MDA interactions | Huawei | approved |  |  |
| S5-222333 | pCR 28.104 Prediction of service failures | Huawei | revised |  | S5-222701 |
| S5-222334 | pCR 28.104 Remove conflicting text regarding MDA context | Huawei | merged |  | S5-222703 |
| S5-222335 | pCR TS 28.104 Add Alarm analytics solution-stage 2 | Huawei | revised |  | S5-222704 |
| S5-222336 | pCR 28.104 Add stage 2 description of failure predication analytics | Huawei | revised |  | S5-222702 |
| S5-222337 | DraftCR 28.538 update description of ECM LCM | Huawei | revised |  | S5-222609 |
| S5-222338 | DraftCR 28.538 update ECM NRM stage 2 | Huawei | revised |  | S5-222610 |
| S5-222339 | DraftCR 28.538 update ECM NRM stage 3 | Huawei | revised |  | S5-222611 |
| S5-222340 | DraftCR 28.538 correct EAS lifecycle management procedure | Huawei | revised |  | S5-222612 |
| S5-222341 | Rel-18 SID on Closed control loop governance for autonomous network | ZTE Corporation, China Telecom | noted |  |  |
| S5-222342 | Rel-17 draftCR for TS28.552 Correct the QoS flow setup related counters | ZTE | revised |  | S5-222632 |
| S5-222343 | Add key issue management requirement for different POP’s network operation | China Unicom | approved |  |  |
| S5-222344 | pCR 28.832 Add Concepts and overview | China Unicom | approved |  |  |
| S5-222345 | pCR 28.819 Solution of test orchestration | China Mobile Com. Corporation, Lenovo, Motorola Mobility | revised |  | S5-222666 |
| S5-222346 | pCR 28.819 Proposed overall process | China Mobile Com. Corporation, Lenovo, Motorola Mobility | revised |  | S5-222755 |
| S5-222347 | New Rel-18 SID on precise network traffic abstraction information for service planning | China Telecomunication Corp., Huawei | noted |  |  |
| S5-222348 | New WID on continuous integration continuous delivery support for 3GPP NFs | China Mobile Com. Corporation | noted |  |  |
| S5-222349 | Rel-18 WoP FS\_eSBMA | Huawei Technologies (Korea) | merged |  | S5-222551 |
| S5-222350 | pCR TR28.832 Add key issue on classification of URLLC related RAN features from management perspective | China Unicom | revised |  | S5-222660 |
| S5-222351 | LS ccSA5 on MEC Federation and interest to collaborate | ETSI ISG MEC | noted |  |  |
| S5-222352 | Add an enumeration value in output for “Network slice throughput analysis” Usecase | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222353 | pCR TR 28.925 Add key issue on the applicable content from TS 32.101 section 4 | Huawei Technologies (Korea) | noted |  |  |
| S5-222354 | pCR TR 28.925 Add key issue on the applicable content from TS 32.101 section 7 | Huawei Technologies (Korea) | revised |  | S5-222629 |
| S5-222355 | Enhance the description of the requirement of network slice thourhgout analysis | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222356 | Add key issue performance measurements without PLMN ID at NRcellCU | China Unicom | revised |  | S5-222663 |
| S5-222357 | Multiplicity change for “Affected Objects” IE in “E2E latency analysis” Usecase | Nokia, Nokia Shanghai Bell | revised |  | S5-222705 |
| S5-222358 | pCR TR 28.925 Add Key issue on management reference model analysis in TS 32.101 | Huawei Technologies (Korea) | noted |  |  |
| S5-222359 | Add potential solution for performance measurements without PLMN ID at NRcellCU | China Unicom | noted |  |  |
| S5-222360 | Multiplicity change for “Affected Objects” IE in “NW slice load analysis” Usecase | Nokia, Nokia Shanghai Bell | revised |  | S5-222706 |
| S5-222361 | Multiplicity change for “Affected Objects” IE in “Service experience analysis” Usecase | Nokia, Nokia Shanghai Bell | revised |  | S5-222707 |
| S5-222362 | Modify the paging requirements based on geographical area | Nokia, Nokia Shanghai Bell | revised |  | S5-222708 |
| S5-222363 | Rel-17 draftCR for TS28.552 Change the measurement object class to support MOCN network sharing with multiple Cell Identity broadcast scenarios | ZTE | noted |  |  |
| S5-222364 | Update the analytics output of coverage analysis usecase | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222365 | Rel-15 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | revised |  | S5-222794 |
| S5-222366 | Rel-16 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | revised |  | S5-222795 |
| S5-222367 | Rel-17 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | revised |  | S5-222796 |
| S5-222368 | Rel-17 CR 32.256 Add charging requirement for AMF to support NR RedCap | China Mobile E-Commerce Co. | revised |  | S5-222787 |
| S5-222369 | Rel-17 CR 32.274 Add charging requirement for SMSF to support NR RedCap | China Mobile E-Commerce Co. | revised |  | S5-222788 |
| S5-222370 | Rel-17 DraftCR 32.298 Update RAT Type to support NR RedCap | China Mobile E-Commerce Co. | noted |  |  |
| S5-222371 | TR 28.830 v0.0.0 Initial skeleton | China Mobile, Huawei | approved |  |  |
| S5-222372 | Discussion on Rel-18 3GPP SA5 OAM WoP of FS\_FSEV | China Mobile, Huawei | merged |  | S5-222551 |
| S5-222373 | pCR 28.830 Add TR structure | China Mobile, Huawei | revised |  | S5-222625 |
| S5-222374 | pCR 28.830 Add background | China Mobile, Huawei | noted |  |  |
| S5-222375 | pCR 28.830 Add scope | China Mobile, Huawei | revised |  | S5-222626 |
| S5-222376 | pCR 28.104 Add alarm analysis use case | China Mobile, Huawei | noted |  |  |
| S5-222377 | pCR 28.104 Add general requirements | China Mobile | noted |  |  |
| S5-222378 | pCR 28.104 add inter-gNB beam selection optimization solution | China Mobile | noted |  |  |
| S5-222379 | pCR 28.104 Add MDA capability for MDA assisted energy saving analysis | China Mobile | revised |  | S5-222709 |
| S5-222380 | Rel-17 draftCR for TS28.552 Add the measurement object class to support MOCN network sharing with multiple Cell Identity broadcast scenarios | ZTE | noted |  |  |
| S5-222381 | TR 28.828 v0.0.0 Initial skeleton | China Mobile | approved |  |  |
| S5-222382 | Rel-16 CR TS 28.536 OpenAPI file name and dependence change-coslaNrm | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222383 | Rel-17 CR TS 28.536 OpenAPI file name and dependence change-coslaNrm | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222384 | Rel-17 CR TS 28.312 OpenAPI file name and dependence change-intentNrm | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222385 | Rel-17 CR TS 28.538 OpenAPI file name and dependence change-edgeNrm | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222386 | Rel-16 CR TS 28.541 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222387 | Rel-17 CR TS 28.541 Correction to RRMPolicy\_ IOC reference in RRMPolicyRatio IOC | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222388 | Rel-16 CR TS 28.541 Add attribute properties for NetworkSliceSubnet attribute priorityLabel | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222389 | Rel-17 CR TS 28.541 Add attribute properties for NetworkSliceSubnet attribute priorityLabel | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222390 | Rel-17 CR TS 28.541 Fix to change Support Qualifier to S | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222391 | Rel-17 CR TS 28.541 Define LogicInterfaceInfo datatype and fix attribute properties for logicInterfaceInfo | Nokia, Nokia Shanghai Bell | revised |  | S5-222600 |
| S5-222392 | Rel-18 pCR 28.828 Add scope | China Mobile | approved |  |  |
| S5-222393 | Initial skeleton (v000) of TS 28.317 | China Mobile, Huawei | approved |  |  |
| S5-222394 | Rel-18 pCR 28.828 Add reference | China Mobile | approved |  |  |
| S5-222395 | Rel-18 pCR 28.828 Skeleton update | China Mobile | approved |  |  |
| S5-222396 | Rel-18 3GPP\_SA5 OAM WoP \_RANSC | China Mobile, Huawei | merged |  | S5-222551 |
| S5-222397 | 28.317 Skeleton Proposal | China Mobile, Huawei | revised |  | S5-222634 |
| S5-222398 | Rel-17 CR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet | Nokia, Nokia Shanghai Bell | revised |  | S5-222640 |
| S5-222399 | 28.317 Add Concept | China Mobile, Huawei | noted |  |  |
| S5-222400 | Rel-17 TS 28.541 Add Reservation NRM fragment | Nokia, Nokia Shanghai Bell | merged |  | S5-222724 |
| S5-222401 | New SID on Management Aspects of 5G Location | China Unicom | noted |  |  |
| S5-222402 | New SID on Management Aspects of IoT NTN Enhancement | China Unicom | revised |  | S5-222579 |
| S5-222403 | Rel-16 CR 32.255 Correction on the Charging Identifier Uniqueness | Huawei | not pursued |  |  |
| S5-222404 | Rel-17 CR 32.255 Correction on the Charging Identifier Uniqueness | Huawei | not pursued |  |  |
| S5-222405 | Rel-16 CR 32.291 Correction on the Charging Identifier Uniqueness | Huawei | not pursued |  |  |
| S5-222406 | Rel-17 CR 32.291 Correction on the Charging Identifier Uniqueness | Huawei | not pursued |  |  |
| S5-222407 | Rel-16 CR 32.298 Correction on the Charging Identifier Uniqueness | Huawei | not pursued |  |  |
| S5-222408 | Rel-17 CR 32.298 Correction on the Charging Identifier Uniqueness | Huawei | not pursued |  |  |
| S5-222409 | Rel-17 CR 32.291 Correct the 307 and 308 Http Status Code | Huawei | not pursued |  |  |
| S5-222410 | Rel-17 CR 32.291 Correct the resource operation to support 307 and 308 | Huawei | not pursued |  |  |
| S5-222411 | Rel-16 CR 32.254 Correction on the NEF API Charging information | Huawei | revised |  | S5-222805 |
| S5-222412 | Rel-17 CR 32.254 Correction on the NEF API Charging information | Huawei | revised |  | S5-222806 |
| S5-222413 | Rel-16 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | revised |  | S5-222801 |
| S5-222414 | Rel-17 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | revised |  | S5-222802 |
| S5-222415 | Rel-16 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | revised |  | S5-222803 |
| S5-222416 | Rel-17 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | revised |  | S5-222804 |
| S5-222417 | Rel-16 CR 32.255 Correction on the Trigger Conditions | Huawei | not pursued |  |  |
| S5-222418 | Rel-17 CR 32.255 Correction on the Trigger Conditions | Huawei | not pursued |  |  |
| S5-222419 | Rel-16 CR 32.255 Clarify the trigger type for QBC | Huawei | not pursued |  |  |
| S5-222420 | Rel-17 CR 32.255 Clarify the trigger type for QBC | Huawei | not pursued |  |  |
| S5-222421 | Rel-17 CR 32.255 Additional charging information for LBO | Huawei | not pursued |  |  |
| S5-222422 | Rel-17 CR 32.255 Additional the architecture for LBO | Huawei | revised |  | S5-222811 |
| S5-222423 | Rel-17 CR 32.255 Additional converged charging architecture for LBO | Huawei | revised |  | S5-222766 |
| S5-222424 | Rel-17 CR 32.255 Additional charging requirement for LBO | Huawei | revised |  | S5-222779 |
| S5-222425 | Rel-17 CR 32.255 Clarification on Sponsored data connectivity charging for LBO | Huawei | revised |  | S5-222807 |
| S5-222426 | Rel-17 CR 32.255 Additional charging message flow for LBO | Huawei | revised |  | S5-222808 |
| S5-222427 | Rel-17 CR 32.255 Additional charging principles for LBO | Huawei | revised |  | S5-222809 |
| S5-222428 | Rel-17 CR 32.255 Additional charging architecture for MVNO | Huawei | merged |  | S5-222766 |
| S5-222429 | Rel-17 CR 32.255 Additional charging message flow and charging information for MVNO | Huawei | not pursued |  |  |
| S5-222430 | Reply to LS on MINT functionality for Disaster Roaming | Ericsson LM | revised |  | S5-222575 |
| S5-222431 | Reply to LS on Traffic usage reporting on 5MBS service | Ericsson LM | revised |  | S5-222812 |
| S5-222432 | New WID MMS Charging in 5G System Architecture | Ericsson LM | revised |  | S5-222789 |
| S5-222433 | Rel-17 CR 32.260 Correcting triggering for PLMN change | Ericsson LM | agreed |  |  |
| S5-222434 | Rel-17 CR 32.291 Correcting IMS triggering for PLMN change | Ericsson LM | noted |  |  |
| S5-222435 | Rel-17 CR 32.291 Correcting response code 5xx | Ericsson LM | noted |  |  |
| S5-222436 | Rel-17 CR 32.256 Correcting support of charging scenarios for roaming | Ericsson LM | not pursued |  |  |
| S5-222437 | Rel-17 CR 32.255 Correcting IMS handling | Ericsson LM | not pursued |  |  |
| S5-222438 | Rel-17 CR 32.274 Correcting session and charging identifiers | Ericsson LM | not pursued |  |  |
| S5-222439 | Rel-17 CR 32.291 Correcting V-SMF as node functionality | Ericsson LM | noted |  |  |
| S5-222440 | Rel-17 CR 32.255 Correcting charging termination flow at roaming | Ericsson LM | not pursued |  |  |
| S5-222441 | Rel-17 CR 32.290 Scenarios for interaction with two CHFs | Ericsson LM | not pursued |  |  |
| S5-222442 | Rel-17 CR 32.290 Function for interaction with two CHFs | Ericsson LM | not pursued |  |  |
| S5-222443 | Rel-17 CR 32.290 Error handling for interaction with two CHFs | Ericsson LM | not pursued |  |  |
| S5-222444 | Rel-17 CR 32.255 CHF selection when interaction with two CHFs | Ericsson LM | merged |  | S5-222809 |
| S5-222445 | Rel-17 CR 32.255 FBC and QBC when interaction with two CHFs | Ericsson LM | merged |  | S5-222809 |
| S5-222446 | Rel-17 CR 32.255 Triggers for interacting with two CHFs | Ericsson LM | merged |  | S5-222809 |
| S5-222447 | Rel-18 pCR 28.826 Adding service identifier based solution to clause 5.3 | Ericsson LM | noted |  |  |
| S5-222448 | Rel-18 pCR 28.826 Adding trigger solutions to clause 5.2 | Ericsson LM | noted |  |  |
| S5-222449 | Rel-18 pCR 28.826 Adding new trigger category solution to clause 5.1 | Ericsson LM | noted |  |  |
| S5-222450 | Rel-18 pCR 28.826 Adding general clause for documentation | Ericsson LM | approved |  |  |
| S5-222451 | Rel-18 Input to draftCR 28.622 Add Scheduler IOC (stage 2) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222452 | Rel-18 Input to draftCR 28.623 Add Scheduler IOC (stage 3) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222453 | Rel-17 draftCR 28.622 Enhancement of SupportedPerfMetricGroup (stage 2) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222454 | Rel-17 draftCR 28.623 Enhancement of SupportedPerfMetricGroup (stage 3) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222455 | LS on Response to LS on Enhancement of RAN Slicing from RAN3 | Nokia, Nokia Shanghai Bell | revised |  | S5-222577 |
| S5-222456 | Discussion paper on correction to multiplicity of relation between NetworkSlice IOC and NetworkSliceSubnet IOC | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222457 | Discussion Paper on 5G exposure | AT&T, Deutsche Telekom, Ericsson, Huawei, Intel, Orange, Samsung, Telefonica, Verizon | revised |  | S5-222723 |
| S5-222458 | New R18 SID on conflict management | Lenovo Mobile Com. Technology | noted |  |  |
| S5-222459 | Rel-17 pCR 28.104 Add MDA capability for handover optimization | Huawei | noted |  |  |
| S5-222460 | Rel-17 pCR 28.104 Update use case description for MDA assisted energy saving analysis | Huawei | revised |  | S5-222710 |
| S5-222461 | Rel-17 pCR TS 28.104 add MDA related service components | Huawei | revised |  | S5-222711 |
| S5-222462 | Rel-17 pCR TS 28.104 add mobility performance analysis solution | Huawei | revised |  | S5-222712 |
| S5-222463 | Rel-17 pCR TS 28.104 MDARequest IOC NRM correction | Huawei | merged |  | S5-222698 |
| S5-222464 | Rel-18 pCR TR 28.908 Add key issues of Model deployment for MDA | Huawei | noted |  |  |
| S5-222465 | Rel-18 pCR TR 28.908 Add key issues of Energy saving AIML management | Huawei | noted |  |  |
| S5-222466 | LS out to SA6 about using CAPIF for 5G management capabilities exposure | AT&T, Deutsche Telekom, Orange, Telefonica | noted |  |  |
| S5-222467 | Discussion Paper on exposure via OSS | AsiaInfo Technologies Inc, Alibaba | withdrawn |  |  |
| S5-222468 | Update potential solution for MnS discovery service for exposure | AsiaInfo Technologies Inc, Alibaba | noted |  |  |
| S5-222469 | Discussion Paper on exposure via OSS | AsiaInfo Technologies Inc, Alibaba | noted |  |  |
| S5-222470 | Rel-16 draftCR 28.552 Clean up of PM related to MRO | Nokia, Nokia Shanghai Bell | revised |  | S5-222601 |
| S5-222471 | Rel-16 CR TS 28.541 Correction to multiplicity of relation between NetworkSlice IOC and NetworkSliceSubnet IOC | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222472 | Rel-17 CR TS 28.541 Correction to multiplicity of relation between NetworkSlice IOC and NetworkSliceSubnet IOC | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222473 | Rel-17 CR TS 28.531 Remove Use cases and Procedures for AllocateNSI and DeallocateNSI | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222474 | pCR 28.104 Define the data type of statistics of cells energy saving state | China Telecom Corporation Ltd. | revised |  | S5-222641 |
| S5-222475 | pCR 28.864 Add new key issue for the performance management of the NWDAF on the interaction aspect | China Telecom Corporation Ltd. | revised |  | S5-222624 |
| S5-222476 | pCR 28.864 Add new key issue for the NRM enhancement of NWDAF to support the logical decomposition of NWDAF | China Telecom Corporation Ltd. | revised |  | S5-222623 |
| S5-222477 | pCR 28.908 Add AI/ML management overview | NEC, Intel | approved |  |  |
| S5-222478 | pCR draft TS28.104, Rapporteur clean-up | NEC, Intel | revised |  | S5-222713 |
| S5-222479 | Editorial, enhancements and modifications on MDA overview | Nokia Germany | revised |  | S5-222714 |
| S5-222480 | Editorial modifications on MDA functionality and service framework | Nokia Germany | revised |  | S5-222715 |
| S5-222481 | pCR draft TS28.104, add historical data handling for MDA | NEC, Intel | approved |  |  |
| S5-222482 | pCR draft TS28.104, clarifications on MDA Types | NEC, Intel | revised |  | S5-222716 |
| S5-222483 | Adding domain observation data as input in cross-domain MDA | Nokia Germany | revised |  | S5-222717 |
| S5-222484 | pCR draft TS28.104, clarifications on MDA Context | NEC, Intel | revised |  | S5-222703 |
| S5-222485 | Additions in MDA types and in enabling data | Nokia Germany | noted |  |  |
| S5-222486 | Additions of common information elements of MDA outputs | Nokia Germany | merged |  | S5-222697 |
| S5-222487 | Rel-17 Draft CR 28.552 Correct implementation mistakes | Ericsson France S.A.S,Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222488 | Input to draftCR 28.541 Add network slice rules to NRM | Ericsson GmbH, Eurolab | noted |  |  |
| S5-222489 | DP Deprecating attributes, data types and IOCs | Ericsson | endorsed |  |  |
| S5-222490 | Input to draftCR 28.531 Specify network slicing provisioning rules requirements | Ericsson GmbH, Eurolab | noted |  |  |
| S5-222491 | pCR R18 28.925-030 Proposal to update 32.401 and 32.404 for SBMA | Ericsson | revised |  | S5-222630 |
| S5-222492 | Discussion on new SID for conflict managment | Lenovo Mobile Com. Technology | noted |  |  |
| S5-222493 | PM-based and KPI-based analytics outputs | Nokia Germany | noted |  |  |
| S5-222494 | Enhancing MDA type related to MDA capabilities | Nokia Germany | noted |  |  |
| S5-222495 | DraftCR 28.541 Correct NR NRM defaultValue Null | Ericsson | approved |  |  |
| S5-222496 | Enhancing MDA request IOC | Nokia Germany | revised |  | S5-222699 |
| S5-222497 | Adding MDA output IOC | Nokia Germany | revised |  | S5-222639 |
| S5-222498 | Removing recommendations options | Nokia Germany | noted |  |  |
| S5-222499 | Input to DraftCR Adding Signalling Based Activation for NR | Ericsson | withdrawn |  |  |
| S5-222500 | Problems in MDA output data | Nokia Germany | noted |  |  |
| S5-222501 | Rel-16 Draft CR 28.532 OpenAPI file name and dependence change- part1 | Huawei | revised |  | S5-222580 |
| S5-222502 | Rel-16 Draft CR 28.532 OpenAPI file name and dependence change- part2 | Huawei | approved |  |  |
| S5-222503 | Rel-16 Draft CR 28.550 OpenAPI file name and dependence change | Huawei | approved |  |  |
| S5-222504 | Rel-17 Draft CR 28.532 OpenAPI file name and dependence change- part1 | Huawei | withdrawn |  |  |
| S5-222505 | Rel-17 Draft CR 28.532 OpenAPI file name and dependence change- part2 | Huawei | withdrawn |  |  |
| S5-222506 | pCR 28.824 solution on exposure architecture and related API | Alibaba Group, AsiaInfo | revised |  | S5-222725 |
| S5-222507 | Update position and add solution for direct MnS exposure | Lenovo, Motorola Mobility | noted |  |  |
| S5-222508 | Input to DraftCR Adding Signalling Based Activation for NR | Ericsson | revised |  | S5-222757 |
| S5-222509 | Input to DraftCR Handling of QoE measurement collection at handover in NR | Ericsson | noted |  |  |
| S5-222510 | NRM enhacements for UPFFunction (stage 2) | Nokia Germany | withdrawn |  |  |
| S5-222511 | Update use case 5.2 | Alibaba Group, AsiaInfo | revised |  | S5-222680 |
| S5-222512 | Input to DraftCR Adding QMC job | Ericsson | noted |  |  |
| S5-222513 | DP on external API for Capability Exposure | Alibaba Group, AsiaInfo | revised |  | S5-222679 |
| S5-222514 | NRM enhancements for UPFFunction (Stage 3) | Nokia Germany | withdrawn |  |  |
| S5-222515 | pCR 28.824 Add note on possible charging impact | Lenovo, Motorola Mobility | noted |  |  |
| S5-222516 | Enhance 5G Core managed NF Profile NRM fragment (Stage 3) | Nokia Germany | withdrawn |  |  |
| S5-222517 | Enhance 5G Core managed NF Profile NRM fragment (Stage 2) | Nokia Germany | withdrawn |  |  |
| S5-222518 | CT OpenAPI file relative-path URI references and dependence change for 5gcNrm.yaml | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222519 | Rel-17 CT OpenAPI file relative-path URI references and dependence change for 5gcNrm.yaml | Nokia, Nokia Shanghai Bell | withdrawn |  |  |
| S5-222520 | Draft TR 28.831 | Nokia, Nokia Shanghai Bell | approved |  |  |
| S5-222521 | Rel-17 Draft CR For TS 28.554 Updating Packet transmission reliability KPI in DL on N3 | Samsung Electronics Co., Ltd | revised |  | S5-222613 |
| S5-222522 | Rel-17 draftCR TS 28.536 Closed loop assurance stage 2 and 3 | Ericsson GmbH, Eurolab | approved |  |  |
| S5-222523 | Rel-17 Input to draftCR TS 28.536 Clean-up abbreviations and references | Ericsson GmbH, Eurolab | approved |  |  |
| S5-222524 | Rel-17 Input to draftCR TS 28.535 Clean-up use cases and requirements | Ericsson GmbH, Eurolab, Deutsche Telekom | revised |  | S5-222686 |
| S5-222525 | Input to draftCR TS 28.535 Remove use cases and requirements without solution | Ericsson GmbH, Eurolab, Deutsche Telekom | revised |  | S5-222687 |
| S5-222526 | Rel-17 DraftCR Dont use isNullable true | Ericsson Hungary Ltd | noted |  |  |
| S5-222527 | Rel-17 Draft CR 28.541 Correct maximumDeviationHoTrigger for D-LBO | Ericsson France S.A.S | revised |  | S5-222602 |
| S5-222528 | Rel-16 draftCR 28.541 Fix BWP association to NRCellDU | Ericsson LM | revised |  | S5-222571 |
| S5-222529 | Work Packages (WoPs) for Study on Basic SBMA enabler enhancements (FS\_eSBMAe) | Nokia, Nokia Shanghai Bell | merged |  | S5-222551 |
| S5-222530 | Rel-16 draftCR 28.532 Fix FileDataType definition (OpenAPI) | Ericsson LM | approved |  |  |
| S5-222531 | Discussion paper on asynchronous provisioning procedures for network slicing | Ericsson GmbH, Eurolab | noted |  |  |
| S5-222532 | Rel-16 draftCR 28.541 Update 5QI set description (YANG) | Ericsson LM | revised |  | S5-222603 |
| S5-222533 | Rel-17 Input to DraftCR 28.541 Add Job IOCs for asynchronous network slicing provisioning procedures | Ericsson GmbH, Eurolab | noted |  |  |
| S5-222534 | Rel-17 Input to DraftCR 28.531 Add asynchronous network slicing provisioning procedures | Ericsson GmbH, Eurolab | noted |  |  |
| S5-222535 | Rel-16 draftCR 28.541 Rel-16 Update 5QI set attribute definition | Ericsson LM | revised |  | S5-222604 |
| S5-222536 | draftCR R17 Add support for disabling CL for certain MOI | Lenovo, Motorola Mobility | withdrawn |  |  |
| S5-222537 | Rel-16 DraftCR Alarm Handling Clarifications | Ericsson Hungary Ltd | noted |  |  |
| S5-222538 | Rel-18 pCR 32,847 Add evaluation for Key issue #7 | MATRIXX Software | approved |  |  |
| S5-222539 | Rel-16 DraftCR YANG corrections | Ericsson Hungary Ltd | merged |  | S5-222592 |
| S5-222540 | Rel-17 Input to draft CR 28.623 Add QMC job, stage 3 (YANG) | Ericsson LM | noted |  |  |
| S5-222541 | Discussion on enhanced BWP configuration support in NRM | Ericsson LM | noted |  |  |
| S5-222542 | Discussion on enhanced QoS model | Ericsson LM | revised |  | S5-222627 |
| S5-222543 | Rel-17 pCR TS 28.312 Update intent information model | Ericsson LM | revised |  | S5-222638 |
| S5-222544 | Rel-18 Input to draftCR 28.622 Enhance PerfMetricJob by scheduling condition (stage 2) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222545 | Rel-18 Input to draftCR 28.623 Enhance PerfMetricJob by scheduling condition (stage 3) | Nokia, Nokia Shanghai Bell | noted |  |  |
| S5-222546 | Rel-17 DraftCR Data change notifications YANG-in-Rest format | Ericsson Hungary Ltd | noted |  |  |
| S5-222547 | Rel-17 Input to DraftCR YANG Mapping Corrections | Ericsson Hungary Ltd | approved |  |  |
| S5-222548 | Rel-17 Input to DraftCR Correct isOrdered-NA and isUnique-NA for multivalue attributes | Ericsson Hungary Ltd | noted |  |  |
| S5-222549 | Rel-17 Input to DraftCR Correct isOrdered-NA and isUnique-NA for multivalue attributes | Ericsson Hungary Ltd | noted |  |  |
| S5-222550 | Rel-18 3GPP\_SA5 OAM WoP FS\_NETSLICE\_IDMS | Huawei Tech.(UK) Co.. Ltd, Ericsson | merged |  | S5-222551 |
| S5-222551 | Collection of Rel-18 3GPP SA5 OAM WoPs | Huawei Technologies (Korea) | endorsed |  |  |
| S5-222552 | draftCR R17 Add support for disabling CL for certain MOI | Lenovo, Motorola Mobility | conditionally approved |  |  |
| S5-222553 | Reply LS ccSA5 to GSMA Operator Platform Group on edge computing definition and integration | SP-220003 | noted |  |  |
| S5-222554 | Reply LS ccSA5 to GSMA OPG on Further Operator Platform Group questions following SDO Workshop | SP-220346 | noted |  |  |
| S5-222555 | LS ccSA5 on Request to clarify whether there are IPR issues with using 3GPP terminology and  information objects and names in code contributed to ONAP | ONAP | noted | - | - |
| S5-222556 | LS on enforcement of maximum number of UEs and maximum number of PDU sessions in a network slice. | GSMA | noted | - | - |
| S5-222557 | WoP of FS\_MCVNF | China Mobile | merged | - | S5-222551 |
| S5-222558 | Add Rel-18 3GPP\_SA5 OAM WoP for NSRULE | Ericsson | merged | - | S5-222551 |
| S5-222559 | WoP for AdNRM\_ph2 | Huawei | merged | - | S5-222551 |
| S5-222560 | Reply LS on the first deliverable on use cases for autonomous networks from ITU FG-AN (ITU FG-AN) | Huawei | approved | - | - |
| S5-222561 | WoP proposal for 6.5.14 FS\_CICDN | Lenovo, Motorola Mobile, CMCC | merged | - | S5-222551 |
| S5-222562 | WoP proposal for 6.5.16 FS\_YANG | Ericsson | merged | - | S5-222551 |
| S5-222563 | WoP proposal for 6.5.22 FS\_NSCE | Alibaba | merged | - | S5-222551 |
| S5-222564 | Rel-18 DraftCR NRM enhacements for UPFFunction (stage 2) | Nokia | withdrawn | - | - |
| S5-222565 | Rel-18 DraftCR NRM enhancements for UPFFunction (Stage 3) | Nokia | withdrawn | - | - |
| S5-222566 | Rel-18 DraftCR Enhance 5G Core managed NF Profile NRM fragment (Stage 3) | Nokia | withdrawn | - | - |
| S5-222567 | Rel-18 DraftCR Enhance 5G Core managed NF Profile NRM fragment (Stage 2) | Nokia | withdrawn | - | - |
| S5-222568 | LS on the clarification of Dynamic EAS instantiation triggering | Intel | approved | - | - |
| S5-222569 | pCR TR 28.912 Add potential requirements for intent conflict information | Nokia | approved | - | - |
| S5-222570 | Reply LS on methodology harmonization update | Ericsson | approved | - | - |
| S5-222571 | Rel-16 draftCR 28.541 Fix BWP association to NRCellDU | Ericsson LM | approved | S5-222528 | - |
| S5-222572 | SA5 working procedures Forge | Nokia, Nokia Shanghai Bell | approved | S5-222028 | - |
| S5-222573 | Discussion paper on Forge change in SA5 OAM proposed in SP-220341 | Nokia, Nokia Shanghai Bell | endorsed | S5-222029 | - |
| S5-222574 | DP on the relationship of CAMARA and SA work on capability exposure | TELEFONICA S.A. | endorsed | S5-222286 | - |
| S5-222575 | Reply to LS on MINT functionality for Disaster Roaming | Ericsson LM | approved | S5-222430 | - |
| S5-222576 | SA5 meeting calendar | WG CHair | noted | S5-222012 | - |
| S5-222577 | LS on Response to LS on Enhancement of RAN Slicing from RAN3 | Nokia, Nokia Shanghai Bell | revised | S5-222455 | S5-222645 |
| S5-222578 | New Rel-18 WID 5G advanced performance measurements and KPIs | China Telecomunication Corp., Intel | agreed | S5-222243 | - |
| S5-222579 | New SID on Management Aspects of IoT NTN Enhancement | China Unicom | agreed | S5-222402 | - |
| S5-222580 | Rel-16 Draft CR 28.532 OpenAPI file name and dependence change- part1 | Huawei | approved | S5-222501 | - |
| S5-222581 | Rel-16 TS 28.541 OpenAPI file name and dependence change-5gcNrm.yaml | Nokia, Nokia Shanghai Bell | approved | S5-222221 | - |
| S5-222582 | Rel-16 TS 28.541 OpenAPI file name and dependence change-nrNrm.yaml | Nokia, Nokia Shanghai Bell | approved | S5-222222 | - |
| S5-222583 | Rel-16 TS 28.541 OpenAPI file name and dependence change-sliceNrm.yaml | Nokia, Nokia Shanghai Bell | approved | S5-222223 | - |
| S5-222584 | Rel-16 TS 28.623 OpenAPI file name and dependence change-comDefs.yaml | Nokia, Nokia Shanghai Bell | approved | S5-222293 | - |
| S5-222585 | Rel-16 TS 28.623 OpenAPI file name and dependence change-genericNrm.yaml | Nokia, Nokia Shanghai Bell | approved | S5-222294 | - |
| S5-222586 | Rel-16 CR 32.158 Add definition of resource "/{MnSName}/{MnSVersion}" | Nokia, Nokia Shanghai Bell | approved | S5-222076 | - |
| S5-222587 | Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Producer | Nokia, Nokia Shanghai Bell | approved | S5-222078 | - |
| S5-222588 | Rel-16 CR 32.158 Clarify clause Creating a resource with identifier creation by the MnS Consumer | Nokia, Nokia Shanghai Bell | approved | S5-222079 | - |
| S5-222589 | Rel-16 CR 32.158 Clarify clause Design pattern for scoping and filtering | Nokia, Nokia Shanghai Bell | approved | S5-222085 | - |
| S5-222590 | Rel-16 CR 32.158 Correct examples in Annex A | Nokia, Nokia Shanghai Bell | approved | S5-222095 | - |
| S5-222591 | Rel-16 CR 28.532 Correct REST SS of deleteMOI | Nokia, Nokia Shanghai Bell | approved | S5-222099 | - |
| S5-222592 | Rel-16 CR 28.623 Stage 3 Yang fix for 3GPP Common Trace | Nokia, Nokia Shanghai Bell,Ericsson | approved | S5-222111 | - |
| S5-222593 | Rel-16 CR 28.541 Diagram fix for NRM fragment for RRM policies | Nokia, Nokia Shanghai Bell | approved | S5-222119 | - |
| S5-222594 | TS 28.541 Fixing a few issues with attribute related to nextHopInfoList in EP\_transport | Nokia, Nokia Shanghai Bell, KDDI | approved | S5-222058 | - |
| S5-222595 | Rel-16 draftCR 28.622 Alignment of parameter names to 32.422 (stage 2) | Nokia, Nokia Shanghai Bell | approved | S5-222202 | - |
| S5-222596 | Rel-16 draftCR 28.622 Clean up of attribute properties | Nokia, Nokia Shanghai Bell | approved | S5-222206 | - |
| S5-222597 | Rel-16 Draft CR 28.541 Correction on minor errrors in nrNRM yaml | Huawei | approved | S5-222248 | - |
| S5-222598 | Rel-16 Draft CR 28.541 Correcton on the attribute definition in the wrong yaml file | Huawei | approved | S5-222250 | - |
| S5-222599 | Rel-17 Draft CR 28.541 Correction on two SLA attributes | Huawei | approved | S5-222264 | - |
| S5-222600 | Rel-17 CR TS 28.541 Define LogicInterfaceInfo datatype and fix attribute properties for logicInterfaceInfo | Nokia, Nokia Shanghai Bell | approved | S5-222391 | - |
| S5-222601 | Rel-16 draftCR 28.552 Clean up of PM related to MRO | Nokia, Nokia Shanghai Bell | approved | S5-222470 | - |
| S5-222602 | Rel-17 Draft CR 28.541 Correct maximumDeviationHoTrigger for D-LBO | Ericsson France S.A.S | approved | S5-222527 | - |
| S5-222603 | Rel-16 draftCR 28.541 Update 5QI set description (YANG) | Ericsson LM | approved | S5-222532 | - |
| S5-222604 | Rel-16 draftCR 28.541 Rel-16 Update 5QI set attribute definition | Ericsson LM | approved | S5-222535 | - |
| S5-222605 | pCR TS 28.317 Add scope | Huawei,China Mobile | approved | S5-222252 | - |
| S5-222606 | Rel-17 draftCR 28.541 Access specific slice configuration | Samsung R&D Institute India | approved | S5-222285 | - |
| S5-222607 | R17 TS 28.538 add modification procedures | AsiaInfo Technologies Inc | approved | S5-222059 | - |
| S5-222608 | R17 TS 28.538 add query procedures | AsiaInfo Technologies Inc | approved | S5-222060 | - |
| S5-222609 | DraftCR 28.538 update description of ECM LCM | Huawei | approved | S5-222337 | - |
| S5-222610 | DraftCR 28.538 update ECM NRM stage 2 | Huawei | approved | S5-222338 | - |
| S5-222611 | DraftCR 28.538 update ECM NRM stage 3 | Huawei | approved | S5-222339 | - |
| S5-222612 | DraftCR 28.538 correct EAS lifecycle management procedure | Huawei | approved | S5-222340 | - |
| S5-222613 | Rel-17 Draft CR For TS 28.554 Updating Packet transmission reliability KPI in DL on N3 | Samsung Electronics Co., Ltd | approved | S5-222521 | - |
| S5-222614 | pCR TS 28.910 Add autonomous network level for RAN energy saving scenario | Huawei,AsiaInfo, China Mobile | approved | S5-222254 | - |
| S5-222615 | pCR 28.910 Add TR structure | China Mobile, Huawei | approved | S5-222128 | - |
| S5-222616 | pCR 28.910 Add scope | China Mobile, Huawei | approved | S5-222129 | - |
| S5-222617 | pCR 28.909 Add TR structure and abbreviation | China Mobile, Huawei | approved | S5-222123 | - |
| S5-222618 | pCR 28.909 Add scope | China Mobile, Huawei | approved | S5-222124 | - |
| S5-222619 | pCR 28.909 Add concept description for autonomous network level evaluation | China Mobile, Huawei | approved | S5-222125 | - |
| S5-222620 | pCR TR 28.912 Add key issue for intent driven approach for RAN energy saving | Huawei | approved | S5-222299 | - |
| S5-222621 | pCR 28.864 Clause titles for TR28.864 | China Telecom Corporation Ltd. | approved | S5-222053 | - |
| S5-222622 | pCR 28.864 new KI on NRM enhancement to support Multiple NWDAF Deployment | China Telecom Corporation Ltd. | approved | S5-222064 | - |
| S5-222623 | pCR 28.864 Add new key issue for the NRM enhancement of NWDAF to support the logical decomposition of NWDAF | China Telecom Corporation Ltd. | approved | S5-222476 | - |
| S5-222624 | pCR 28.864 Add new key issue for the performance management of the NWDAF on the interaction aspect | China Telecom Corporation Ltd. | approved | S5-222475 | - |
| S5-222625 | pCR 28.830 Add TR structure | China Mobile, Huawei | approved | S5-222373 | - |
| S5-222626 | pCR 28.830 Add scope | China Mobile, Huawei | approved | S5-222375 | - |
| S5-222627 | Discussion on enhanced QoS model | Ericsson LM | endorsed | S5-222542 | - |
| S5-222628 | Rel-18 InputToDraftCR 28.538 EESFunction IOC | Samsung R&D Institute India | conditionally approved | S5-222291 | - |
| S5-222629 | pCR TR 28.925 Add key issue on the applicable content from TS 32.101 section 7 | Huawei Technologies (Korea) | approved | S5-222354 | - |
| S5-222630 | pCR R18 28.925-030 Proposal to update 32.401 and 32.404 for SBMA | Ericsson | approved | S5-222491 | - |
| S5-222631 | New SID Study on measurement data collection to support RAN intelligence | Intel Korea, Ltd. Verizon, AT&T, CMCC | agreed | S5-222051 | - |
| S5-222632 | Rel-17 draftCR for TS28.552 Correct the QoS flow setup related counters | ZTE | noted | S5-222342 | - |
| S5-222633 | Rel-17 InputToDraftCR 28.622 ManagementDataSubscription | Samsung, Ericsson | approved | S5-222101 | - |
| S5-222634 | 28.317 Skeleton Proposal | China Mobile, Huawei | approved | S5-222397 | - |
| S5-222635 | Rel-17 draftCR 32.422 Add metric identifier for trace metrics | Nokia, Nokia Shanghai Bell | approved | S5-222208 | - |
| S5-222636 | pCR 28.836 Add background of mapping in TS 28.531 | Huawei | approved | S5-222322 | - |
| S5-222637 | pCR 28.836 Add background information related to 28.312 | Huawei | approved | S5-222323 | - |
| S5-222638 | Rel-17 pCR TS 28.312 Update intent information model | Ericsson LM | approved | S5-222543 | - |
| S5-222639 | Adding MDA output IOC | Nokia Germany | noted | S5-222497 | - |
| S5-222640 | Rel-17 CR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet | Nokia, Nokia Shanghai Bell | approved | S5-222398 | - |
| S5-222641 | pCR 28.104 Define the data type of statistics of cells energy saving state | China Telecom Corporation Ltd. | approved | S5-222474 | - |
| S5-222642 | DraftCR for eECM – TS 28.538 | Samsung | approved | - | - |
| S5-222643 | DraftCR for MADCOL TS 28.622 | Nokia | approved | - | - |
| S5-222644 | DraftCR for MADCOL TS 28.623 | Samsung | approved | - | - |
| S5-222645 | LS on Response to LS on Enhancement of RAN Slicing from RAN3 | Nokia, Nokia Shanghai Bell | approved | S5-222577 | - |
| S5-222660 | pCR TR28.832 Add key issue on classification of URLLC related RAN features from management perspective | China Unicom | approved | S5-222350 | - |
| S5-222661 | TR 28.833 Add scope of management aspect of 5GLAN | China Mobile Com. Corporation | approved | S5-222302 | - |
| S5-222662 | TR 28.833 Add concepts and background of FS\_5GLAN\_Mgt | China Mobile Com. Corporation | approved | S5-222303 | - |
| S5-222663 | Add key issue performance measurements without PLMN ID at NRcellCU | China Unicom | approved | S5-222356 | - |
| S5-222664 | pCR 28.819 Add description of roles | Huawei | approved | S5-222324 | - |
| S5-222665 | pCR 28.819 Update the phase of 3GPP NF monitoring | Huawei | approved | S5-222326 | - |
| S5-222666 | pCR 28.819 Solution of test orchestration | China Mobile Com. Corporation, Lenovo, Motorola Mobility | approved | S5-222345 | - |
| S5-222667 | pCR 28.907 Key Issue on Resource isolation demand for vertical applications | Huawei | approved | S5-222270 | - |
| S5-222668 | pCR 28.907 Key Issue on E2E fault management | Huawei | approved | S5-222271 | - |
| S5-222669 | pCR TR 28.913 New key issue Considering Containerized Network Functions | Orange, AT&T, Telefonica, Deutsche Telekom | approved | S5-222025 | - |
| S5-222670 | pCR TR 28.913 New key issue Energy Consumption of RAN nodes | Orange, Deutsche Telekom | approved | S5-222026 | - |
| S5-222671 | TR 22.829 skeleton cover sheet | Samsung (Rapporteur) | approved | S5-222017 | - |
| S5-222672 | pCR 28.829 Structure | Samsung (Rapporteur) | approved | S5-222018 | - |
| S5-222673 | TR 28.863-0.0.0 initial skeleton | Huawei | approved | S5-222107 | - |
| S5-222674 | pCR TR28.863 Skeleton proposal for TR28.863 | Huawei | approved | S5-222108 | - |
| S5-222675 | pCR TR 28.863 Key Issue # 2 Scenarios for 5G KQI | Huawei | approved | S5-222114 | - |
| S5-222676 | pCR TR 28.865 Skeleton proposa | Huawei Technologies Japan K.K. | approved | S5-222118 | - |
| S5-222677 | pCR TR 28.865 Add scope of FS\_DCSA | Huawei Technologies Japan K.K. | approved | S5-222115 | - |
| S5-222678 | pCR TR 28.865 Add overview of FS\_DCSA | Huawei Technologies Japan K.K. | approved | S5-222117 | - |
| S5-222679 | DP on external API for Capability Exposure | Alibaba Group, AsiaInfo | endorsed | S5-222513 | - |
| S5-222680 | Update use case 5.2 | Alibaba Group, AsiaInfo | approved | S5-222511 | - |
| S5-222681 | pCR TS 28.312 Add verbalization of expectation to intent Model | Nokia | approved | S5-222030 | - |
| S5-222682 | pCR TS 28.312 Update intent fulfillment tracking in information model | Nokia | approved | S5-222031 | - |
| S5-222683 | pCR 28.312 Update procedures for intent management | China Mobile | approved | S5-222130 | - |
| S5-222684 | pCR TS 28.312 Move clause 6.4 scenario specific IntentExpectationto 6.2 | Huawei | approved | S5-222259 | - |
| S5-222685 | Rel-17draft CR TS 28.532 Update provMnS yaml file to include the resources-intentNrm | Huawei,Deutsche Telekom | approved | S5-222261 | - |
| S5-222686 | Rel-17 Input to draftCR TS 28.535 Clean-up use cases and requirements | Ericsson GmbH, Eurolab, Deutsche Telekom | approved | S5-222524 | - |
| S5-222687 | Input to draftCR TS 28.535 Remove use cases and requirements without solution | Ericsson GmbH, Eurolab, Deutsche Telekom | approved | S5-222525 | - |
| S5-222688 | pCR 28.105 Add requirements for AI/ML selection | Nokia Germany | approved | S5-222033 | - |
| S5-222689 | pCR 28.105 Add requirements for control of AI/ML Training | Nokia Germany | approved | S5-222034 | - |
| S5-222690 | pCR 28.105 Add NRM fragments for AI/ML Training | Nokia Germany | approved | S5-222035 | - |
| S5-222691 | pCR 28.105 Support for Training of ML-based functions | Nokia Germany | approved | S5-222036 | - |
| S5-222692 | pCR 28.104 Extend requirements for coverage Analytics | Nokia Germany | approved | S5-222037 | - |
| S5-222693 | pCR 28.104 Critical Maintenance Management | Samsung R&D Institute India | approved | S5-222089 | - |
| S5-222694 | Rel-17 draftCR 28.552 Mean number of DRBs undergoing from User Plane Path Failures | Samsung R&D Institute India | approved | S5-222288 | - |
| S5-222695 | pCR 28.104 Network Slice Traffic Prediction | Samsung R&D Institute India | approved | S5-222091 | - |
| S5-222696 | pCR 28.105 Add AI-ML background | Intel, NEC | approved | S5-222180 | - |
| S5-222697 | pCR 28.104 Add common information elements of analytics outputs | Intel, NEC, China Telecom, HUAWEI, Nokia | approved | S5-222182 | - |
| S5-222698 | pCR 28.104 Update NRM for MDA request | Intel, Huawei | approved | S5-222184 | - |
| S5-222699 | Enhancing MDA request IOC | Nokia Germany | approved | S5-222496 | - |
| S5-222700 | Draft CR Rel-17 28.552 Enhance UE Context Release measurements for MDA | Intel | approved | S5-222185 | - |
| S5-222701 | pCR 28.104 Prediction of service failures | Huawei | approved | S5-222333 | - |
| S5-222702 | pCR 28.104 Add stage 2 description of failure predication analytics | Huawei | approved | S5-222336 | - |
| S5-222703 | pCR draft TS28.104, clarifications on MDA Context | NEC, Intel | approved | S5-222484 | - |
| S5-222704 | pCR TS 28.104 Add Alarm analytics solution-stage 2 | Huawei | noted | S5-222335 | - |
| S5-222705 | Multiplicity change for “Affected Objects” IE in “E2E latency analysis” Usecase | Nokia, Nokia Shanghai Bell | approved | S5-222357 | - |
| S5-222706 | Multiplicity change for “Affected Objects” IE in “NW slice load analysis” Usecase | Nokia, Nokia Shanghai Bell | approved | S5-222360 | - |
| S5-222707 | Multiplicity change for “Affected Objects” IE in “Service experience analysis” Usecase | Nokia, Nokia Shanghai Bell | approved | S5-222361 | - |
| S5-222708 | Modify the paging requirements based on geographical area | Nokia, Nokia Shanghai Bell | approved | S5-222362 | - |
| S5-222709 | pCR 28.104 Add MDA capability for MDA assisted energy saving analysis | China Mobile | approved | S5-222379 | - |
| S5-222710 | Rel-17 pCR 28.104 Update use case description for MDA assisted energy saving analysis | Huawei | approved | S5-222460 | - |
| S5-222711 | Rel-17 pCR TS 28.104 add MDA related service components | Huawei | approved | S5-222461 | - |
| S5-222712 | Rel-17 pCR TS 28.104 add mobility performance analysis solution | Huawei | approved | S5-222462 | - |
| S5-222713 | pCR draft TS28.104, Rapporteur clean-up | NEC, Intel | approved | S5-222478 | - |
| S5-222714 | Editorial, enhancements and modifications on MDA overview | Nokia Germany | approved | S5-222479 | - |
| S5-222715 | Editorial modifications on MDA functionality and service framework | Nokia Germany | approved | S5-222480 | - |
| S5-222716 | pCR draft TS28.104, clarifications on MDA Types | NEC, Intel | approved | S5-222482 | - |
| S5-222717 | Adding domain observation data as input in cross-domain MDA | Nokia Germany | approved | S5-222483 | - |
| S5-222718 | [Draft CR] Rel-17 28.538 Add the concept for edge computing management | Intel Korea, Ltd. | approved | S5-222044 | - |
| S5-222719 | Rel-17 draftCR 28.538 Resolving ED | Samsung R&D Institute India | approved | S5-222284 | - |
| S5-222720 | Rel-17 draftCR 28.538 Notifications | Samsung R&D Institute India | approved | S5-222283 | - |
| S5-222721 | Rel-17 draftCR TS 28.531 Update procedure of reservation and checking feasibility of network slice subnet | Huawei,China Unicom,Deutsche Telekom,China Mobile | approved | S5-222246 | - |
| S5-222722 | Rel-17 draftCR 28.531 Deleting network slice capability exposure | Samsung R&D Institute India | approved | S5-222279 | - |
| S5-222723 | Discussion Paper on 5G exposure | AT&T, Deutsche Telekom, Ericsson, Huawei, Intel, Orange, Samsung, Telefonica, Verizon | approved | S5-222457 | - |
| S5-222724 | Rel-17 draftCR TS 28.541 Add feasibility check NRM fragment | Huawei,China Unicom, Deutsche Telekom,China Mobile | approved | S5-222245 | - |
| S5-222725 | pCR 28.824 solution on exposure architecture and related API | Alibaba Group, AsiaInfo | approved | S5-222506 | - |
| S5-222726 | draft TS 28.317 | China Mobile | approved | - | - |
| S5-222727 | draft TR 28.910 | China Mobile | approved | - | - |
| S5-222728 | draft TR 28.909 | China Mobile | approved | - | - |
| S5-222729 | draft TR 28.912 | Huawei | approved | - | - |
| S5-222730 | draft TR 28.836 | Ericsson | approved | - | - |
| S5-222731 | draft TR 28.908 | Intel | approved | - | - |
| S5-222732 | draft TR 28.864 | China Telecom | approved | - | - |
| S5-222733 | draft TR 28.830 | China Mobile | approved | - | - |
| S5-222734 | draft TR 28.925 | Huawei | approved | - | - |
| S5-222735 | draft TR 28.831 | Nokia | approved | - | - |
| S5-222736 | draft TR 28.832 | China Unicom | approved | - | - |
| S5-222737 | draft TR 28.833 | China Mobile | approved | - | - |
| S5-222738 | draft TR 28.835 | China Unicom | approved | - | - |
| S5-222739 | draft TR 28.819 | Lenovo | approved | - | - |
| S5-222740 | draft TR 28.837 | Nokia | approved | - | - |
| S5-222741 | draft TR 28.907 | Huawei | approved | - | - |
| S5-222742 | draft TR 28.913 | Orange | approved | - | - |
| S5-222743 | draft TR 28.829 | Samsung | approved | - | - |
| S5-222744 | draft TR 28.863 | Huawei | approved | - | - |
| S5-222745 | draft TR 28.865 | Huawei | approved | - | - |
| S5-222746 | draft TR 28.824 | Alibaba | approved | - | - |
| S5-222747 | draft TR 28.903 | Huawei | approved | - | - |
| S5-222748 | draft TS 28.312 | Huawei | approved | - | - |
| S5-222749 | draft TS 28.104 | Intel | approved | - | - |
| S5-222750 | draft TS 28.105 | Intel | approved | - | - |
| S5-222751 | DraftCR for eCOSLA - TS 28.535 | Ericsson | approved | - | - |
| S5-222752 | DraftCR for eCOSLA - TS 28.536 | Ericsson | approved | - | - |
| S5-222753 | DraftCR for MADCOL TS 28.537 | Nokia | approved | - | - |
| S5-222754 | [Draft CR] Rel-17 28.538 Add the missing procedure not implemented from approved pCR | Intel Korea, Ltd. | approved | S5-222046 | - |
| S5-222755 | pCR 28.819 Proposed overall process | China Mobile Com. Corporation, Lenovo, Motorola Mobility | noted | S5-222346 | - |
| S5-222756 | pCR 28.824 Describe possible solution for EGMF | Huawei | approved | S5-222327 | - |
| S5-222757 | Input to DraftCR Adding Signalling Based Activation for NR | Ericsson | noted | S5-222508 | - |
| S5-222758 | LS out to CT4 Adding attribute qoETarget | Ericsson | noted | - | - |
| S5-222759 | Rel-17 draftCR 28.537 Add requirements for data management | Nokia, Nokia Shanghai Bell, Samsung | approved | S5-222199 | - |
| S5-222760 | CH agenda and time plan | WG vice Chair (Matrixx) | noted | S5-222008 | - |
| S5-222761 | Draft TS 32.257 | Intel | approved | - | - |
| S5-222762 | Draft TR 32.847 | MATRIXX Software | approved | - | - |
| S5-222763 | Draft TR 28.826 | Ericsson LM | approved | - | - |
| S5-222764 | Draft TR 28.827 | Ericsson | approved | - | - |
| S5-222765 | Draft TR 28.828 | China Mobile | approved | - | - |
| S5-222766 | Rel-17 CR 32.255 Additional converged charging architecture for LBO | Huawei | agreed | S5-222423 | - |
| S5-222767 | CR R17 32.240 Missing section number correction | Vodafone GmbH | agreed | S5-222177 | - |
| S5-222768 | pCR 32.257 Add charging information definition for edge enabling services charging | Intel | approved | S5-222193 | - |
| S5-222769 | Rel-17 CR 32.240 Enhance charging architecture for Edge Computing | Intel Sweden AB | agreed | - | - |
| S5-222770 | Update requirement | CATT | agreed | S5-222309 | - |
| S5-222771 | Rel-17 CR 32.298 Update RAT Type to support NR RedCap | China Mobile | agreed | - | - |
| S5-222772 | Rel-17 CR 32.291 Correcting IMS triggering for PLMN change | Ericsson | agreed | - | - |
| S5-222773 | Rel-17 pCR 28.826 Add the solution for NB Enhancement | Huawei | approved | S5-222236 | - |
| S5-222774 | Rel-17 CR 32.291 Correcting V-SMF as node functionality | Ericsson | agreed | - | - |
| S5-222775 | Rel-17 CR 32.290 CHF Set Concept and Retry Handling | Nokia | agreed | - | - |
| S5-222776 | Rel-17 pCR 32.257 Correction on the charging information description | Huawei | approved | S5-222233 | - |
| S5-222777 | Rel-17 pCR 32.257 Clarification on the EAS Deployment Charging | Huawei | approved | S5-222234 | - |
| S5-222778 | Rel-17 pCR 32.257 Clarification on the Edge Enabling Infrastructure Resource | Huawei | approved | S5-222235 | - |
| S5-222779 | Rel-17 CR 32.255 Additional charging requirement for LBO | Huawei | agreed | S5-222424 | - |
| S5-222780 | Adding message flows for 5G ProSe Direct Communication converged charging | CATT | agreed | S5-222310 | - |
| S5-222781 | Introduction of CDR generation and handling for converged charging | CATT | agreed | S5-222311 | - |
| S5-222782 | Introduction of Message content charging | CATT | agreed | S5-222312 | - |
| S5-222783 | Introduction of 5G ProSe converged charging information | CATT | agreed | S5-222313 | - |
| S5-222784 | Introduction of Detailed message format for converged charging | CATT | agreed | S5-222314 | - |
| S5-222785 | Introduction of clauses on formal description and binding | CATT | agreed | S5-222315 | - |
| S5-222786 | Rel-17 CR 32.298 Add charging information in CDR | Huawei | agreed | S5-222242 | - |
| S5-222787 | Rel-17 CR 32.256 Add charging requirement for AMF to support NR RedCap | China Mobile E-Commerce Co. | agreed | S5-222368 | - |
| S5-222788 | Rel-17 CR 32.274 Add charging requirement for SMSF to support NR RedCap | China Mobile E-Commerce Co. | agreed | S5-222369 | - |
| S5-222789 | New WID MMS Charging in 5G System Architecture | Ericsson LM | agreed | S5-222432 | - |
| S5-222790 | Rel-17 CR 32.240 Addition of the architeure for 5G LAN charging | Huawei | agreed | S5-222227 | - |
| S5-222791 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Architecture | Huawei | agreed | S5-222228 | - |
| S5-222792 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Principles | Huawei | agreed | S5-222229 | - |
| S5-222793 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Information | Huawei | agreed | S5-222230 | - |
| S5-222794 | Rel-15 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | agreed | S5-222365 | - |
| S5-222795 | Rel-16 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | agreed | S5-222366 | - |
| S5-222796 | Rel-17 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | agreed | S5-222367 | - |
| S5-222797 | Rel-18 pCR 28.827 Add a SMS use case and solution for 7.1 | MATRIXX Software | approved | S5-222194 | - |
| S5-222798 | Rel-18 pCR 28.827 Add a SMS use case Key issues and requirements for 7.2 | MATRIXX Software | approved | S5-222195 | - |
| S5-222799 | Rel-18 pCR 28.827 Add CHF to CHF solution for SMS in 7.2 | MATRIXX Software | approved | S5-222196 | - |
| S5-222800 | Rel-18 pCR 28.827 Add CTF to two CHFs solution for SMS in 7.2 | MATRIXX Software | approved | S5-222197 | - |
| S5-222801 | Rel-16 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | agreed | S5-222413 | - |
| S5-222802 | Rel-17 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | agreed | S5-222414 | - |
| S5-222803 | Rel-16 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | agreed | S5-222415 | - |
| S5-222804 | Rel-17 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | agreed | S5-222416 | - |
| S5-222805 | Rel-16 CR 32.254 Correction on the NEF API Charging information | Huawei | agreed | S5-222411 | - |
| S5-222806 | Rel-17 CR 32.254 Correction on the NEF API Charging information | Huawei | agreed | S5-222412 | - |
| S5-222807 | Rel-17 CR 32.255 Clarification on Sponsored data connectivity charging for LBO | Huawei | agreed | S5-222425 | - |
| S5-222808 | Rel-17 CR 32.255 Additional charging message flow for LBO | Huawei | agreed | S5-222426 | - |
| S5-222809 | Rel-17 CR 32.255 Additional charging principles for LBO | Huawei | agreed | S5-222427 | - |
| S5-222810 | Rel-17 pCR 28.827 Additional BCE and TAP relationship | Huawei | approved | S5-222237 | - |
| S5-222811 | Rel-17 CR 32.255 Additional the architecture for LBO | Huawei | agreed | S5-222422 | - |
| S5-222812 | Reply to LS on Traffic usage reporting on 5MBS service | Ericsson LM | approved | S5-222431 | - |
| S5-222813 | Rel-17 CR 32.298 Additional charging information for the 5G LAN Charging | Huawei | agreed | S5-222232 | - |
| S5-222814 | Reply LS to GSMA NG ENSWI on overall architecture for network slice ordering, provisioning and assurance | Orange | approved | S5-222289 | - |
| S5-222815 | Reply LS to TM Forum on overall architecture for network slice ordering, provisioning and assurance | Orange | approved | S5-222290 | - |
| S5-222816 | LS on changes over E1AP due to RACH NSA Measurements | Nokia Solutions & Networks (I) | approved | S5-222074 | - |

### A2: Tdoc decision timing

|  |  |  |
| --- | --- | --- |
| Document | Date/time UTC | Decision |
| S5-222000 | 13/04/2022 12:32:54 | approved |
| S5-222001 | 13/04/2022 13:51:37 | approved |
| S5-222002 | 13/04/2022 13:53:09 | noted |
| S5-222004 | 13/04/2022 14:26:27 | noted |
| S5-222005 | 13/04/2022 14:26:32 | noted |
| S5-222007 | 13/04/2022 14:27:09 | noted |
| S5-222008 | 13/04/2022 07:54:26 | revised |
| S5-222009 | 13/04/2022 07:55:11 | noted |
| S5-222010 | 13/04/2022 13:54:13 | approved |
| S5-222011 | 13/04/2022 13:54:19 | approved |
| S5-222012 | 13/04/2022 14:23:12 | revised |
| S5-222013 | 13/04/2022 14:27:32 | noted |
| S5-222016 | 19/04/2022 10:16:58 | approved |
| S5-222017 | 19/04/2022 10:17:05 | revised |
| S5-222018 | 19/04/2022 10:17:17 | revised |
| S5-222019 | 19/04/2022 10:17:21 | approved |
| S5-222020 | 19/04/2022 10:17:27 | approved |
| S5-222021 | 13/04/2022 10:12:30 | noted |
| S5-222022 | 19/04/2022 10:16:13 | approved |
| S5-222023 | 19/04/2022 10:16:15 | approved |
| S5-222024 | 19/04/2022 10:16:21 | approved |
| S5-222025 | 19/04/2022 10:16:32 | revised |
| S5-222026 | 19/04/2022 10:16:51 | revised |
| S5-222028 | 13/04/2022 13:56:22 | revised |
| S5-222029 | 13/04/2022 13:57:26 | revised |
| S5-222030 | 19/04/2022 12:19:48 | revised |
| S5-222031 | 19/04/2022 12:21:57 | revised |
| S5-222032 | 19/04/2022 12:23:13 | noted |
| S5-222033 | 19/04/2022 12:25:14 | revised |
| S5-222034 | 19/04/2022 12:25:33 | revised |
| S5-222035 | 19/04/2022 12:25:49 | revised |
| S5-222036 | 19/04/2022 12:27:45 | revised |
| S5-222037 | 19/04/2022 12:27:59 | revised |
| S5-222039 | 19/04/2022 09:21:36 | approved |
| S5-222040 | 19/04/2022 09:21:39 | approved |
| S5-222041 | 19/04/2022 09:21:43 | approved |
| S5-222042 | 19/04/2022 08:52:45 | noted |
| S5-222043 | 19/04/2022 08:52:48 | noted |
| S5-222044 | 19/04/2022 12:55:38 | revised |
| S5-222045 | 19/04/2022 12:57:38 | available |
| S5-222046 | 19/04/2022 12:59:39 | revised |
| S5-222047 | 19/04/2022 08:53:05 | noted |
| S5-222048 | 19/04/2022 08:53:11 | noted |
| S5-222049 | 19/04/2022 08:53:16 | noted |
| S5-222050 | 19/04/2022 08:53:19 | noted |
| S5-222051 | 14/04/2022 14:31:40 | revised |
| S5-222052 | 19/04/2022 09:23:56 | approved |
| S5-222053 | 19/04/2022 09:24:09 | revised |
| S5-222054 | 19/04/2022 12:59:52 | noted |
| S5-222055 | 19/04/2022 12:59:58 | noted |
| S5-222056 | 19/04/2022 12:59:55 | noted |
| S5-222057 | 19/04/2022 13:00:03 | noted |
| S5-222058 | 14/04/2022 14:56:41 | revised |
| S5-222059 | 19/04/2022 09:03:21 | revised |
| S5-222060 | 19/04/2022 09:03:38 | revised |
| S5-222061 | 19/04/2022 09:08:20 | available |
| S5-222064 | 19/04/2022 09:24:21 | revised |
| S5-222067 | 13/04/2022 14:32:12 | available |
| S5-222074 | 13/04/2022 14:44:44 | revised |
| S5-222075 | 14/04/2022 14:36:18 | approved |
| S5-222076 | 14/04/2022 14:36:30 | revised |
| S5-222078 | 14/04/2022 14:52:59 | revised |
| S5-222079 | 14/04/2022 14:53:11 | revised |
| S5-222080 | 14/04/2022 14:53:17 | noted |
| S5-222081 | 14/04/2022 14:54:50 | available |
| S5-222082 | 14/04/2022 14:53:22 | approved |
| S5-222083 | 14/04/2022 14:53:29 | approved |
| S5-222084 | 14/04/2022 14:53:30 | approved |
| S5-222085 | 14/04/2022 14:53:41 | revised |
| S5-222086 | 14/04/2022 14:53:47 | approved |
| S5-222087 | 14/04/2022 14:53:51 | approved |
| S5-222088 | 30/03/2022 09:45:25 | withdrawn |
| S5-222089 | 19/04/2022 12:28:12 | revised |
| S5-222090 | 19/04/2022 12:28:48 | noted |
| S5-222091 | 19/04/2022 12:29:17 | revised |
| S5-222092 | 14/04/2022 14:53:56 | approved |
| S5-222093 | 19/04/2022 12:29:23 | noted |
| S5-222094 | 14/04/2022 14:54:58 | approved |
| S5-222095 | 14/04/2022 14:55:05 | revised |
| S5-222096 | 14/04/2022 14:55:10 | noted |
| S5-222097 | 19/04/2022 12:18:28 | available |
| S5-222098 | 19/04/2022 09:21:46 | approved |
| S5-222099 | 14/04/2022 14:55:23 | revised |
| S5-222100 | 13/04/2022 14:29:52 | available |
| S5-222101 | 19/04/2022 12:18:41 | revised |
| S5-222102 | 14/04/2022 14:55:27 | noted |
| S5-222103 | 19/04/2022 12:15:40 | approved |
| S5-222104 | 13/04/2022 14:40:40 | available |
| S5-222105 | 19/04/2022 12:29:31 | approved |
| S5-222106 | 13/04/2022 14:40:15 | available |
| S5-222107 | 19/04/2022 10:17:44 | revised |
| S5-222108 | 19/04/2022 10:17:53 | revised |
| S5-222109 | 19/04/2022 10:17:59 | approved |
| S5-222110 | 13/04/2022 14:40:28 | available |
| S5-222111 | 14/04/2022 14:55:42 | revised |
| S5-222112 | 19/04/2022 10:18:04 | noted |
| S5-222113 | 19/04/2022 10:28:37 | approved |
| S5-222114 | 19/04/2022 10:18:14 | revised |
| S5-222115 | 19/04/2022 10:28:45 | revised |
| S5-222116 | 30/03/2022 09:45:30 | withdrawn |
| S5-222117 | 19/04/2022 10:29:00 | revised |
| S5-222118 | 19/04/2022 10:29:41 | revised |
| S5-222119 | 14/04/2022 14:56:14 | revised |
| S5-222120 | 30/03/2022 09:45:35 | withdrawn |
| S5-222121 | 19/04/2022 09:09:24 | approved |
| S5-222122 | 13/04/2022 14:30:41 | available |
| S5-222123 | 19/04/2022 09:09:34 | revised |
| S5-222124 | 19/04/2022 09:18:15 | revised |
| S5-222125 | 19/04/2022 09:18:24 | revised |
| S5-222126 | 19/04/2022 09:08:29 | approved |
| S5-222127 | 13/04/2022 14:30:29 | available |
| S5-222128 | 19/04/2022 09:08:38 | revised |
| S5-222129 | 19/04/2022 09:08:49 | revised |
| S5-222130 | 19/04/2022 12:23:30 | revised |
| S5-222131 | 14/04/2022 14:56:22 | approved |
| S5-222132 | 14/04/2022 14:56:25 | approved |
| S5-222133 | 30/03/2022 09:45:40 | withdrawn |
| S5-222134 | 14/04/2022 14:57:05 | available |
| S5-222135 | 19/04/2022 10:30:37 | noted |
| S5-222136 | 13/04/2022 15:02:26 | noted |
| S5-222137 | 13/04/2022 14:19:41 | noted |
| S5-222138 | 13/04/2022 07:55:22 | available |
| S5-222139 | 13/04/2022 09:17:53 | noted |
| S5-222140 | 13/04/2022 14:02:44 | available |
| S5-222141 | 13/04/2022 14:11:36 | available |
| S5-222142 | 13/04/2022 14:10:01 | available |
| S5-222143 | 13/04/2022 14:18:36 | noted |
| S5-222144 | 14/04/2022 14:12:12 | noted |
| S5-222145 | 13/04/2022 14:18:43 | noted |
| S5-222146 | 14/04/2022 14:12:18 | noted |
| S5-222147 | 13/04/2022 15:02:48 | noted |
| S5-222148 | 14/04/2022 14:12:26 | noted |
| S5-222149 | 14/04/2022 14:12:43 | noted |
| S5-222150 | 13/04/2022 15:02:54 | noted |
| S5-222151 | 14/04/2022 14:12:53 | available |
| S5-222152 | 13/04/2022 14:19:23 | noted |
| S5-222153 | 14/04/2022 14:28:08 | noted |
| S5-222154 | 14/04/2022 14:28:12 | postponed |
| S5-222155 | 14/04/2022 14:28:21 | noted |
| S5-222156 | 14/04/2022 14:28:25 | postponed |
| S5-222157 | 14/04/2022 14:28:45 | noted |
| S5-222158 | 13/04/2022 15:03:04 | postponed |
| S5-222159 | 13/04/2022 09:20:43 | available |
| S5-222160 | 13/04/2022 14:21:49 | noted |
| S5-222161 | 13/04/2022 14:19:02 | noted |
| S5-222162 | 13/04/2022 14:19:27 | noted |
| S5-222163 | 13/04/2022 09:18:14 | noted |
| S5-222164 | 13/04/2022 14:19:07 | noted |
| S5-222165 | 14/04/2022 14:12:32 | noted |
| S5-222166 | 14/04/2022 14:28:52 | postponed |
| S5-222167 | 14/04/2022 14:29:01 | postponed |
| S5-222168 | 13/04/2022 14:19:08 | noted |
| S5-222169 | 19/04/2022 13:54:45 | noted |
| S5-222170 | 14/04/2022 14:30:23 | available |
| S5-222171 | 19/04/2022 12:19:09 | noted |
| S5-222172 | 19/04/2022 12:19:12 | noted |
| S5-222173 | 19/04/2022 09:26:20 | approved |
| S5-222174 | 19/04/2022 09:26:22 | approved |
| S5-222175 | 19/04/2022 09:26:27 | approved |
| S5-222176 | 19/04/2022 09:26:31 | approved |
| S5-222177 | 13/04/2022 10:00:49 | revised |
| S5-222178 | 19/04/2022 09:22:41 | approved |
| S5-222179 | 13/04/2022 10:05:17 | noted |
| S5-222180 | 19/04/2022 12:29:39 | revised |
| S5-222181 | 20/04/2022 14:29:53 | available |
| S5-222182 | 19/04/2022 12:29:52 | revised |
| S5-222183 | 19/04/2022 12:54:33 | noted |
| S5-222184 | 13/04/2022 07:34:41 | revised |
| S5-222185 | 19/04/2022 12:32:23 | revised |
| S5-222186 | 19/04/2022 10:15:03 | approved |
| S5-222187 | 13/04/2022 14:31:49 | available |
| S5-222188 | 19/04/2022 09:22:43 | approved |
| S5-222189 | 19/04/2022 10:30:41 | noted |
| S5-222190 | 19/04/2022 10:15:05 | approved |
| S5-222191 | 19/04/2022 09:23:04 | noted |
| S5-222192 | 19/04/2022 09:23:28 | noted |
| S5-222193 | 13/04/2022 09:21:12 | revised |
| S5-222194 | 13/04/2022 10:16:24 | revised |
| S5-222195 | 13/04/2022 10:16:33 | revised |
| S5-222196 | 13/04/2022 10:16:45 | revised |
| S5-222197 | 13/04/2022 10:16:54 | revised |
| S5-222198 | 13/04/2022 09:21:23 | noted |
| S5-222199 | 19/04/2022 12:18:07 | revised |
| S5-222200 | 19/04/2022 12:18:56 | noted |
| S5-222201 | 19/04/2022 12:18:59 | noted |
| S5-222202 | 14/04/2022 14:57:23 | revised |
| S5-222203 | 14/04/2022 14:57:28 | approved |
| S5-222204 | 14/04/2022 14:57:33 | noted |
| S5-222205 | 14/04/2022 14:57:36 | noted |
| S5-222206 | 14/04/2022 14:57:47 | revised |
| S5-222207 | 01/04/2022 07:39:38 | withdrawn |
| S5-222208 | 19/04/2022 12:19:27 | revised |
| S5-222209 | 14/04/2022 14:58:38 | approved |
| S5-222210 | 14/04/2022 14:58:40 | noted |
| S5-222211 | 19/04/2022 10:15:08 | approved |
| S5-222212 | 13/04/2022 14:39:29 | available |
| S5-222213 | 19/04/2022 10:15:11 | approved |
| S5-222214 | 13/04/2022 10:13:50 | noted |
| S5-222215 | 14/04/2022 14:58:49 | approved |
| S5-222216 | 14/04/2022 14:58:54 | approved |
| S5-222217 | 14/04/2022 14:58:56 | approved |
| S5-222218 | 30/03/2022 09:46:36 | withdrawn |
| S5-222219 | 30/03/2022 09:46:38 | withdrawn |
| S5-222220 | 30/03/2022 09:46:40 | withdrawn |
| S5-222221 | 14/04/2022 14:34:41 | revised |
| S5-222222 | 14/04/2022 14:34:55 | revised |
| S5-222223 | 14/04/2022 14:35:05 | revised |
| S5-222224 | 30/03/2022 09:46:45 | withdrawn |
| S5-222225 | 30/03/2022 09:46:47 | withdrawn |
| S5-222226 | 30/03/2022 09:46:58 | withdrawn |
| S5-222227 | 13/04/2022 09:40:26 | revised |
| S5-222228 | 13/04/2022 09:40:36 | revised |
| S5-222229 | 13/04/2022 09:40:58 | revised |
| S5-222230 | 13/04/2022 09:41:07 | revised |
| S5-222231 | 13/04/2022 10:00:05 | available |
| S5-222232 | 13/04/2022 10:00:17 | revised |
| S5-222233 | 13/04/2022 09:33:09 | revised |
| S5-222234 | 13/04/2022 09:33:21 | revised |
| S5-222235 | 13/04/2022 09:33:34 | revised |
| S5-222236 | 13/04/2022 10:13:59 | revised |
| S5-222237 | 13/04/2022 10:15:53 | revised |
| S5-222238 | 13/04/2022 10:15:59 | noted |
| S5-222239 | 13/04/2022 10:16:00 | noted |
| S5-222240 | 13/04/2022 10:16:08 | approved |
| S5-222241 | 13/04/2022 10:16:09 | approved |
| S5-222242 | 13/04/2022 10:00:32 | revised |
| S5-222243 | 14/04/2022 14:32:00 | revised |
| S5-222244 | 19/04/2022 09:18:32 | approved |
| S5-222245 | 13/04/2022 07:33:30 | revised |
| S5-222246 | 19/04/2022 13:04:03 | revised |
| S5-222247 | 14/04/2022 14:32:09 | noted |
| S5-222248 | 14/04/2022 14:59:15 | revised |
| S5-222249 | 30/03/2022 09:47:04 | withdrawn |
| S5-222250 | 14/04/2022 14:59:27 | revised |
| S5-222251 | 30/03/2022 09:47:07 | withdrawn |
| S5-222252 | 19/04/2022 08:40:08 | revised |
| S5-222253 | 19/04/2022 09:08:58 | noted |
| S5-222254 | 19/04/2022 09:07:14 | revised |
| S5-222255 | 19/04/2022 09:18:36 | approved |
| S5-222256 | 19/04/2022 09:18:42 | approved |
| S5-222257 | 13/04/2022 14:30:58 | available |
| S5-222258 | 19/04/2022 12:23:39 | approved |
| S5-222259 | 19/04/2022 12:23:50 | revised |
| S5-222260 | 19/04/2022 12:24:02 | approved |
| S5-222261 | 19/04/2022 12:24:10 | revised |
| S5-222262 | 19/04/2022 12:24:15 | approved |
| S5-222263 | 19/04/2022 12:24:21 | approved |
| S5-222264 | 14/04/2022 15:01:45 | revised |
| S5-222265 | 19/04/2022 10:15:18 | approved |
| S5-222266 | 19/04/2022 10:15:21 | approved |
| S5-222267 | 19/04/2022 10:15:23 | approved |
| S5-222268 | 19/04/2022 10:15:27 | approved |
| S5-222269 | 19/04/2022 10:15:29 | approved |
| S5-222270 | 19/04/2022 10:15:42 | revised |
| S5-222271 | 19/04/2022 10:15:53 | revised |
| S5-222272 | 19/04/2022 10:15:57 | approved |
| S5-222273 | 13/04/2022 14:39:47 | available |
| S5-222274 | 19/04/2022 10:32:41 | noted |
| S5-222275 | 19/04/2022 10:33:09 | noted |
| S5-222276 | 19/04/2022 10:32:47 | noted |
| S5-222277 | 19/04/2022 13:05:12 | approved |
| S5-222278 | 19/04/2022 13:04:29 | noted |
| S5-222279 | 19/04/2022 13:04:55 | revised |
| S5-222280 | 19/04/2022 13:05:04 | noted |
| S5-222281 | 19/04/2022 13:05:51 | noted |
| S5-222282 | 19/04/2022 12:56:26 | available |
| S5-222283 | 19/04/2022 12:58:08 | revised |
| S5-222284 | 19/04/2022 12:56:44 | revised |
| S5-222285 | 19/04/2022 08:52:11 | revised |
| S5-222286 | 13/04/2022 13:58:32 | revised |
| S5-222287 | 19/04/2022 13:06:15 | noted |
| S5-222288 | 19/04/2022 12:28:33 | revised |
| S5-222289 | 13/04/2022 14:02:39 | approved |
| S5-222289 | 13/04/2022 14:05:39 | revised |
| S5-222290 | 13/04/2022 14:09:05 | revised |
| S5-222291 | 19/04/2022 09:03:54 | revised |
| S5-222292 | 19/04/2022 09:26:58 | approved |
| S5-222293 | 14/04/2022 14:35:49 | revised |
| S5-222294 | 14/04/2022 14:36:08 | revised |
| S5-222296 | 30/03/2022 09:47:35 | withdrawn |
| S5-222297 | 19/04/2022 09:28:02 | approved |
| S5-222298 | 19/04/2022 13:05:22 | noted |
| S5-222299 | 19/04/2022 09:18:52 | revised |
| S5-222300 | 19/04/2022 09:27:29 | approved |
| S5-222301 | 19/04/2022 09:27:30 | approved |
| S5-222302 | 19/04/2022 09:27:41 | revised |
| S5-222303 | 19/04/2022 09:27:50 | revised |
| S5-222304 | 19/04/2022 13:05:31 | noted |
| S5-222305 | 13/04/2022 14:33:46 | available |
| S5-222306 | 13/04/2022 14:40:02 | available |
| S5-222307 | 19/04/2022 09:27:01 | approved |
| S5-222308 | 19/04/2022 09:28:05 | approved |
| S5-222309 | 13/04/2022 09:39:04 | revised |
| S5-222310 | 13/04/2022 09:39:17 | revised |
| S5-222311 | 13/04/2022 09:39:30 | revised |
| S5-222312 | 13/04/2022 09:39:39 | revised |
| S5-222313 | 13/04/2022 09:39:47 | revised |
| S5-222314 | 13/04/2022 09:40:00 | revised |
| S5-222315 | 13/04/2022 09:40:08 | revised |
| S5-222316 | 19/04/2022 12:24:24 | noted |
| S5-222317 | 13/04/2022 14:30:17 | available |
| S5-222318 | 13/04/2022 14:33:25 | available |
| S5-222319 | 13/04/2022 14:34:32 | available |
| S5-222320 | 14/04/2022 15:01:56 | approved |
| S5-222321 | 05/04/2022 13:22:33 | withdrawn |
| S5-222322 | 19/04/2022 09:21:57 | revised |
| S5-222323 | 19/04/2022 09:22:22 | revised |
| S5-222324 | 19/04/2022 09:29:41 | revised |
| S5-222325 | 19/04/2022 09:29:46 | approved |
| S5-222325 | 19/04/2022 09:29:47 | noted |
| S5-222326 | 19/04/2022 10:14:12 | revised |
| S5-222327 | 19/04/2022 10:31:12 | revised |
| S5-222328 | 19/04/2022 10:32:53 | noted |
| S5-222329 | 19/04/2022 12:15:41 | approved |
| S5-222330 | 19/04/2022 12:15:42 | approved |
| S5-222331 | 13/04/2022 14:42:04 | available |
| S5-222332 | 19/04/2022 12:32:36 | approved |
| S5-222333 | 19/04/2022 12:32:45 | revised |
| S5-222334 | 19/04/2022 12:33:30 | revised |
| S5-222335 | 19/04/2022 12:34:33 | revised |
| S5-222336 | 19/04/2022 12:33:14 | revised |
| S5-222337 | 19/04/2022 09:04:27 | revised |
| S5-222338 | 19/04/2022 09:04:50 | revised |
| S5-222339 | 19/04/2022 09:05:14 | revised |
| S5-222340 | 19/04/2022 09:05:36 | revised |
| S5-222341 | 14/04/2022 14:32:17 | noted |
| S5-222342 | 14/04/2022 15:10:52 | revised |
| S5-222343 | 19/04/2022 09:28:10 | approved |
| S5-222344 | 19/04/2022 09:27:03 | approved |
| S5-222345 | 19/04/2022 10:14:20 | revised |
| S5-222346 | 19/04/2022 10:14:38 | revised |
| S5-222347 | 14/04/2022 14:32:28 | noted |
| S5-222348 | 14/04/2022 14:32:34 | noted |
| S5-222349 | 13/04/2022 14:32:37 | available |
| S5-222350 | 19/04/2022 09:27:13 | revised |
| S5-222351 | 13/04/2022 14:22:06 | noted |
| S5-222352 | 19/04/2022 12:48:54 | approved |
| S5-222353 | 19/04/2022 09:25:47 | noted |
| S5-222354 | 19/04/2022 09:25:55 | revised |
| S5-222355 | 19/04/2022 12:48:57 | noted |
| S5-222356 | 19/04/2022 09:28:33 | revised |
| S5-222357 | 19/04/2022 12:49:10 | revised |
| S5-222358 | 19/04/2022 09:25:59 | noted |
| S5-222359 | 19/04/2022 09:28:38 | noted |
| S5-222360 | 19/04/2022 12:49:29 | revised |
| S5-222361 | 19/04/2022 12:49:44 | revised |
| S5-222362 | 19/04/2022 12:50:03 | revised |
| S5-222363 | 14/04/2022 15:11:02 | noted |
| S5-222364 | 19/04/2022 12:50:11 | approved |
| S5-222365 | 13/04/2022 10:11:59 | revised |
| S5-222366 | 13/04/2022 10:12:08 | revised |
| S5-222367 | 13/04/2022 10:12:17 | revised |
| S5-222368 | 13/04/2022 09:35:14 | revised |
| S5-222369 | 13/04/2022 09:35:35 | revised |
| S5-222370 | 13/04/2022 09:35:44 | noted |
| S5-222371 | 19/04/2022 09:25:05 | approved |
| S5-222372 | 13/04/2022 14:32:26 | available |
| S5-222373 | 19/04/2022 09:25:15 | revised |
| S5-222374 | 19/04/2022 09:25:20 | noted |
| S5-222375 | 19/04/2022 09:25:29 | revised |
| S5-222376 | 19/04/2022 12:35:04 | noted |
| S5-222377 | 19/04/2022 12:50:21 | noted |
| S5-222378 | 19/04/2022 12:50:28 | noted |
| S5-222379 | 19/04/2022 12:50:39 | revised |
| S5-222380 | 14/04/2022 15:11:06 | noted |
| S5-222381 | 13/04/2022 10:18:17 | approved |
| S5-222382 | 14/04/2022 14:34:10 | approved |
| S5-222383 | 30/03/2022 09:47:49 | withdrawn |
| S5-222384 | 14/04/2022 14:33:34 | approved |
| S5-222385 | 14/04/2022 14:34:15 | approved |
| S5-222386 | 14/04/2022 15:11:14 | approved |
| S5-222387 | 30/03/2022 09:47:53 | withdrawn |
| S5-222388 | 14/04/2022 15:11:19 | approved |
| S5-222389 | 30/03/2022 09:47:56 | withdrawn |
| S5-222390 | 14/04/2022 15:11:22 | approved |
| S5-222391 | 14/04/2022 15:11:36 | revised |
| S5-222392 | 13/04/2022 10:18:26 | approved |
| S5-222393 | 19/04/2022 08:40:19 | approved |
| S5-222394 | 13/04/2022 10:18:33 | approved |
| S5-222395 | 13/04/2022 10:18:22 | approved |
| S5-222396 | 13/04/2022 14:28:28 | available |
| S5-222397 | 19/04/2022 08:46:19 | revised |
| S5-222398 | 13/04/2022 07:33:59 | revised |
| S5-222399 | 19/04/2022 08:46:46 | noted |
| S5-222400 | 19/04/2022 13:02:27 | revised |
| S5-222401 | 14/04/2022 14:32:39 | noted |
| S5-222402 | 14/04/2022 14:32:51 | revised |
| S5-222403 | 13/04/2022 10:09:21 | available |
| S5-222404 | 13/04/2022 10:09:25 | available |
| S5-222405 | 13/04/2022 10:09:29 | available |
| S5-222406 | 13/04/2022 10:09:36 | available |
| S5-222407 | 13/04/2022 10:09:44 | available |
| S5-222408 | 13/04/2022 10:09:47 | available |
| S5-222409 | 13/04/2022 10:09:53 | available |
| S5-222410 | 13/04/2022 10:09:56 | available |
| S5-222411 | 13/04/2022 10:10:21 | revised |
| S5-222412 | 13/04/2022 10:10:33 | revised |
| S5-222413 | 13/04/2022 10:10:42 | revised |
| S5-222414 | 13/04/2022 10:10:58 | revised |
| S5-222415 | 13/04/2022 10:11:05 | revised |
| S5-222416 | 13/04/2022 10:11:15 | revised |
| S5-222417 | 13/04/2022 10:11:21 | available |
| S5-222418 | 13/04/2022 10:11:25 | available |
| S5-222419 | 13/04/2022 10:11:33 | available |
| S5-222420 | 13/04/2022 10:11:36 | available |
| S5-222421 | 13/04/2022 10:00:53 | available |
| S5-222422 | 13/04/2022 10:01:06 | revised |
| S5-222423 | 13/04/2022 10:01:18 | revised |
| S5-222424 | 13/04/2022 10:01:41 | revised |
| S5-222425 | 13/04/2022 10:01:51 | revised |
| S5-222426 | 13/04/2022 10:02:01 | revised |
| S5-222427 | 13/04/2022 10:02:16 | revised |
| S5-222428 | 13/04/2022 10:02:44 | available |
| S5-222429 | 13/04/2022 10:02:56 | available |
| S5-222430 | 13/04/2022 09:19:21 | revised |
| S5-222431 | 13/04/2022 07:55:38 | revised |
| S5-222432 | 13/04/2022 10:04:49 | revised |
| S5-222433 | 13/04/2022 10:06:36 | agreed |
| S5-222434 | 13/04/2022 10:07:33 | noted |
| S5-222435 | 13/04/2022 10:08:17 | noted |
| S5-222436 | 13/04/2022 10:08:22 | available |
| S5-222437 | 13/04/2022 10:08:27 | available |
| S5-222438 | 13/04/2022 10:08:34 | available |
| S5-222439 | 13/04/2022 10:08:43 | noted |
| S5-222440 | 13/04/2022 10:09:11 | available |
| S5-222441 | 13/04/2022 10:02:59 | available |
| S5-222442 | 13/04/2022 10:03:07 | available |
| S5-222443 | 13/04/2022 10:03:17 | available |
| S5-222444 | 13/04/2022 10:03:58 | available |
| S5-222445 | 13/04/2022 10:04:09 | available |
| S5-222446 | 13/04/2022 10:04:21 | available |
| S5-222447 | 13/04/2022 10:14:09 | noted |
| S5-222448 | 13/04/2022 10:14:11 | noted |
| S5-222449 | 13/04/2022 10:14:16 | noted |
| S5-222450 | 13/04/2022 10:14:23 | approved |
| S5-222451 | 19/04/2022 08:47:00 | noted |
| S5-222452 | 19/04/2022 08:47:08 | noted |
| S5-222453 | 19/04/2022 08:52:19 | noted |
| S5-222454 | 19/04/2022 08:52:24 | noted |
| S5-222455 | 14/04/2022 14:22:08 | revised |
| S5-222456 | 19/04/2022 13:05:39 | noted |
| S5-222457 | 19/04/2022 10:31:52 | revised |
| S5-222458 | 14/04/2022 14:33:08 | noted |
| S5-222459 | 19/04/2022 12:28:57 | noted |
| S5-222460 | 19/04/2022 12:50:54 | revised |
| S5-222461 | 19/04/2022 12:51:55 | revised |
| S5-222462 | 19/04/2022 12:52:10 | revised |
| S5-222463 | 19/04/2022 12:31:23 | available |
| S5-222464 | 19/04/2022 09:23:35 | noted |
| S5-222465 | 19/04/2022 09:23:40 | noted |
| S5-222466 | 19/04/2022 10:31:58 | noted |
| S5-222468 | 19/04/2022 12:15:24 | noted |
| S5-222469 | 19/04/2022 10:32:09 | noted |
| S5-222470 | 14/04/2022 15:11:46 | revised |
| S5-222471 | 19/04/2022 13:05:42 | noted |
| S5-222472 | 30/03/2022 09:48:08 | withdrawn |
| S5-222473 | 19/04/2022 13:04:37 | noted |
| S5-222474 | 19/04/2022 12:51:20 | revised |
| S5-222475 | 19/04/2022 09:24:54 | revised |
| S5-222476 | 19/04/2022 09:24:37 | revised |
| S5-222477 | 19/04/2022 09:22:53 | approved |
| S5-222478 | 19/04/2022 12:52:24 | revised |
| S5-222479 | 19/04/2022 12:52:41 | revised |
| S5-222480 | 19/04/2022 12:52:53 | revised |
| S5-222481 | 19/04/2022 12:53:01 | approved |
| S5-222482 | 19/04/2022 12:53:13 | revised |
| S5-222483 | 19/04/2022 12:53:51 | revised |
| S5-222484 | 19/04/2022 12:34:08 | revised |
| S5-222485 | 19/04/2022 12:53:24 | noted |
| S5-222486 | 19/04/2022 12:30:47 | available |
| S5-222487 | 14/04/2022 15:11:53 | approved |
| S5-222488 | 19/04/2022 08:46:50 | noted |
| S5-222489 | 13/04/2022 14:01:07 | available |
| S5-222490 | 19/04/2022 08:46:55 | noted |
| S5-222491 | 19/04/2022 09:26:11 | revised |
| S5-222492 | 14/04/2022 14:33:17 | noted |
| S5-222493 | 19/04/2022 12:54:00 | noted |
| S5-222494 | 19/04/2022 12:53:35 | noted |
| S5-222495 | 14/04/2022 15:11:57 | approved |
| S5-222496 | 19/04/2022 12:31:42 | revised |
| S5-222497 | 19/04/2022 12:32:00 | revised |
| S5-222498 | 19/04/2022 12:54:26 | noted |
| S5-222499 | 29/03/2022 12:11:08 | withdrawn |
| S5-222500 | 19/04/2022 12:54:09 | noted |
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| S5-222507 | 19/04/2022 10:32:59 | noted |
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| S5-222509 | 19/04/2022 12:16:17 | noted |
| S5-222511 | 19/04/2022 10:44:20 | revised |
| S5-222512 | 19/04/2022 12:16:22 | noted |
| S5-222513 | 19/04/2022 10:32:24 | revised |
| S5-222515 | 19/04/2022 12:15:33 | noted |
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| S5-222522 | 19/04/2022 12:24:32 | approved |
| S5-222523 | 19/04/2022 12:24:35 | approved |
| S5-222524 | 19/04/2022 12:24:46 | revised |
| S5-222525 | 19/04/2022 12:24:58 | revised |
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| S5-222527 | 14/04/2022 15:12:18 | revised |
| S5-222528 | 14/04/2022 15:12:37 | revised |
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| S5-222545 | 19/04/2022 08:47:21 | noted |
| S5-222546 | 19/04/2022 08:39:38 | noted |
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| S5-222815 | 13/04/2022 14:09:06 | approved |
| S5-222816 | 13/04/2022 14:44:45 | approved |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| S5-222536 | draftCR R17 Add support for disabling CL for certain MOI | Lenovo, Motorola Mobility | 28.536 | - | - | Rel-17 | B | eCOSLA | withdrawn |
| S5-222027 | CR R17 32.240 Missing section number correction | Vodafone GmbH | 32.240 | 0440 | - | Rel-17 | F | CHROAM | withdrawn |
| S5-222177 | CR R17 32.240 Missing section number correction | Vodafone GmbH | 32.240 | 0441 | - | Rel-17 | F | CHROAM | revised |
| S5-222767 | CR R17 32.240 Missing section number correction | Vodafone GmbH | 32.240 | 0441 | 1 | Rel-17 | F | CHROAM | agreed |
| S5-222227 | Rel-17 CR 32.240 Addition of the architeure for 5G LAN charging | Huawei | 32.240 | 0442 | - | Rel-17 | B | 5GLAN\_CH | revised |
| S5-222790 | Rel-17 CR 32.240 Addition of the architeure for 5G LAN charging | Huawei | 32.240 | 0442 | 1 | Rel-17 | B | 5GLAN\_CH | agreed |
| S5-222769 | Rel-17 CR 32.240 Enhance charging architecture for Edge Computing | Intel Sweden AB | 32.240 | 0443 | - | Rel-17 | B | EDGE\_CH | agreed |
| S5-222228 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Architecture | Huawei | 32.254 | 0018 | - | Rel-17 | B | 5GLAN\_CH | revised |
| S5-222791 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Architecture | Huawei | 32.254 | 0018 | 1 | Rel-17 | B | 5GLAN\_CH | agreed |
| S5-222229 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Principles | Huawei | 32.254 | 0019 | - | Rel-17 | B | 5GLAN\_CH | revised |
| S5-222792 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Principles | Huawei | 32.254 | 0019 | 1 | Rel-17 | B | 5GLAN\_CH | agreed |
| S5-222230 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Information | Huawei | 32.254 | 0020 | - | Rel-17 | B | 5GLAN\_CH | revised |
| S5-222793 | Rel-17 CR 32.254 Addition of the 5G VN group management Charging Information | Huawei | 32.254 | 0020 | 1 | Rel-17 | B | 5GLAN\_CH | agreed |
| S5-222411 | Rel-16 CR 32.254 Correction on the NEF API Charging information | Huawei | 32.254 | 0021 | - | Rel-16 | F | TEI16, 5GS\_Ph1\_NEFCH | revised |
| S5-222805 | Rel-16 CR 32.254 Correction on the NEF API Charging information | Huawei | 32.254 | 0021 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1\_NEFCH | agreed |
| S5-222412 | Rel-17 CR 32.254 Correction on the NEF API Charging information | Huawei | 32.254 | 0022 | - | Rel-17 | A | TEI16, 5GS\_Ph1\_NEFCH | revised |
| S5-222806 | Rel-17 CR 32.254 Correction on the NEF API Charging information | Huawei | 32.254 | 0022 | 1 | Rel-17 | A | TEI16, 5GS\_Ph1\_NEFCH | agreed |
| S5-222403 | Rel-16 CR 32.255 Correction on the Charging Identifier Uniqueness | Huawei | 32.255 | 0370 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222404 | Rel-17 CR 32.255 Correction on the Charging Identifier Uniqueness | Huawei | 32.255 | 0371 | - | Rel-17 | A | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222417 | Rel-16 CR 32.255 Correction on the Trigger Conditions | Huawei | 32.255 | 0372 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222418 | Rel-17 CR 32.255 Correction on the Trigger Conditions | Huawei | 32.255 | 0373 | - | Rel-17 | A | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222419 | Rel-16 CR 32.255 Clarify the trigger type for QBC | Huawei | 32.255 | 0374 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222420 | Rel-17 CR 32.255 Clarify the trigger type for QBC | Huawei | 32.255 | 0375 | - | Rel-17 | A | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222421 | Rel-17 CR 32.255 Additional charging information for LBO | Huawei | 32.255 | 0376 | - | Rel-17 | B | CHROAM | not pursued |
| S5-222422 | Rel-17 CR 32.255 Additional the architecture for LBO | Huawei | 32.255 | 0377 | - | Rel-17 | B | CHROAM | revised |
| S5-222811 | Rel-17 CR 32.255 Additional the architecture for LBO | Huawei | 32.255 | 0377 | 1 | Rel-17 | B | CHROAM | agreed |
| S5-222423 | Rel-17 CR 32.255 Additional converged charging architecture for LBO | Huawei | 32.255 | 0378 | - | Rel-17 | B | CHROAM | revised |
| S5-222766 | Rel-17 CR 32.255 Additional converged charging architecture for LBO | Huawei | 32.255 | 0378 | 1 | Rel-17 | B | CHROAM | agreed |
| S5-222424 | Rel-17 CR 32.255 Additional charging requirement for LBO | Huawei | 32.255 | 0379 | - | Rel-17 | B | CHROAM | revised |
| S5-222779 | Rel-17 CR 32.255 Additional charging requirement for LBO | Huawei | 32.255 | 0379 | 1 | Rel-17 | B | CHROAM | agreed |
| S5-222425 | Rel-17 CR 32.255 Clarification on Sponsored data connectivity charging for LBO | Huawei | 32.255 | 0380 | - | Rel-17 | B | CHROAM | revised |
| S5-222807 | Rel-17 CR 32.255 Clarification on Sponsored data connectivity charging for LBO | Huawei | 32.255 | 0380 | 1 | Rel-17 | B | CHROAM | agreed |
| S5-222426 | Rel-17 CR 32.255 Additional charging message flow for LBO | Huawei | 32.255 | 0381 | - | Rel-17 | B | CHROAM | revised |
| S5-222808 | Rel-17 CR 32.255 Additional charging message flow for LBO | Huawei | 32.255 | 0381 | 1 | Rel-17 | B | CHROAM | agreed |
| S5-222427 | Rel-17 CR 32.255 Additional charging principles for LBO | Huawei | 32.255 | 0382 | - | Rel-17 | B | CHROAM | revised |
| S5-222809 | Rel-17 CR 32.255 Additional charging principles for LBO | Huawei | 32.255 | 0382 | 1 | Rel-17 | B | CHROAM | agreed |
| S5-222428 | Rel-17 CR 32.255 Additional charging architecture for MVNO | Huawei | 32.255 | 0383 | - | Rel-17 | B | CHROAM | merged |
| S5-222429 | Rel-17 CR 32.255 Additional charging message flow and charging information for MVNO | Huawei | 32.255 | 0384 | - | Rel-17 | B | CHROAM | not pursued |
| S5-222437 | Rel-17 CR 32.255 Correcting IMS handling | Ericsson LM | 32.255 | 0385 | - | Rel-17 | F | 5GSIMSCH | not pursued |
| S5-222440 | Rel-17 CR 32.255 Correcting charging termination flow at roaming | Ericsson LM | 32.255 | 0386 | - | Rel-17 | F | TEI17 | not pursued |
| S5-222444 | Rel-17 CR 32.255 CHF selection when interaction with two CHFs | Ericsson LM | 32.255 | 0387 | - | Rel-17 | B | CHROAM | merged |
| S5-222445 | Rel-17 CR 32.255 FBC and QBC when interaction with two CHFs | Ericsson LM | 32.255 | 0388 | - | Rel-17 | B | CHROAM | merged |
| S5-222446 | Rel-17 CR 32.255 Triggers for interacting with two CHFs | Ericsson LM | 32.255 | 0389 | - | Rel-17 | B | CHROAM | merged |
| S5-222368 | Rel-17 CR 32.256 Add charging requirement for AMF to support NR RedCap | China Mobile E-Commerce Co. | 32.256 | 0005 | - | Rel-17 | B | ARCH\_NR\_REDCAP | revised |
| S5-222787 | Rel-17 CR 32.256 Add charging requirement for AMF to support NR RedCap | China Mobile E-Commerce Co. | 32.256 | 0005 | 1 | Rel-17 | B | ARCH\_NR\_REDCAP | agreed |
| S5-222436 | Rel-17 CR 32.256 Correcting support of charging scenarios for roaming | Ericsson LM | 32.256 | 0006 | - | Rel-17 | F | TEI17 | not pursued |
| S5-222433 | Rel-17 CR 32.260 Correcting triggering for PLMN change | Ericsson LM | 32.260 | 0424 | - | Rel-17 | F | TEI17 | agreed |
| S5-222365 | Rel-15 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | 32.274 | 0082 | - | Rel-15 | F | TEI15 | revised |
| S5-222794 | Rel-15 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | 32.274 | 0082 | 1 | Rel-15 | F | TEI15 | agreed |
| S5-222366 | Rel-16 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | 32.274 | 0083 | - | Rel-16 | A | TEI15 | revised |
| S5-222795 | Rel-16 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | 32.274 | 0083 | 1 | Rel-16 | A | TEI15 | agreed |
| S5-222367 | Rel-17 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | 32.274 | 0084 | - | Rel-17 | A | TEI15 | revised |
| S5-222796 | Rel-17 CR 32.274 Add descriptions for SMS Charging information | China Mobile E-Commerce Co. | 32.274 | 0084 | 1 | Rel-17 | A | TEI15 | agreed |
| S5-222369 | Rel-17 CR 32.274 Add charging requirement for SMSF to support NR RedCap | China Mobile E-Commerce Co. | 32.274 | 0085 | - | Rel-17 | B | ARCH\_NR\_REDCAP | revised |
| S5-222788 | Rel-17 CR 32.274 Add charging requirement for SMSF to support NR RedCap | China Mobile E-Commerce Co. | 32.274 | 0085 | 1 | Rel-17 | B | ARCH\_NR\_REDCAP | agreed |
| S5-222438 | Rel-17 CR 32.274 Correcting session and charging identifiers | Ericsson LM | 32.274 | 0086 | - | Rel-17 | F | TEI17 | not pursued |
| S5-222309 | Update requirement | CATT | 32.277 | 0040 | - | Rel-17 | F | 5G\_ProSe | revised |
| S5-222770 | Update requirement | CATT | 32.277 | 0040 | 1 | Rel-17 | F | 5G\_ProSe | agreed |
| S5-222310 | Adding message flows for 5G ProSe Direct Communication converged charging | CATT | 32.277 | 0041 | - | Rel-17 | B | 5G\_ProSe | revised |
| S5-222780 | Adding message flows for 5G ProSe Direct Communication converged charging | CATT | 32.277 | 0041 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| S5-222311 | Introduction of CDR generation and handling for converged charging | CATT | 32.277 | 0042 | - | Rel-17 | B | 5G\_ProSe | revised |
| S5-222781 | Introduction of CDR generation and handling for converged charging | CATT | 32.277 | 0042 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| S5-222312 | Introduction of Message content charging | CATT | 32.277 | 0043 | - | Rel-17 | B | 5G\_ProSe | revised |
| S5-222782 | Introduction of Message content charging | CATT | 32.277 | 0043 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| S5-222313 | Introduction of 5G ProSe converged charging information | CATT | 32.277 | 0044 | - | Rel-17 | B | 5G\_ProSe | revised |
| S5-222783 | Introduction of 5G ProSe converged charging information | CATT | 32.277 | 0044 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| S5-222314 | Introduction of Detailed message format for converged charging | CATT | 32.277 | 0045 | - | Rel-17 | B | 5G\_ProSe | revised |
| S5-222784 | Introduction of Detailed message format for converged charging | CATT | 32.277 | 0045 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| S5-222315 | Introduction of clauses on formal description and binding | CATT | 32.277 | 0046 | - | Rel-17 | B | 5G\_ProSe | revised |
| S5-222785 | Introduction of clauses on formal description and binding | CATT | 32.277 | 0046 | 1 | Rel-17 | B | 5G\_ProSe | agreed |
| S5-222015 | Rel-17 pCR 32.290 CHF Set Concept and Retry Handling | Nokia | 32.290 | 0177 | - | Rel-17 | F | TEI17 | withdrawn |
| S5-222441 | Rel-17 CR 32.290 Scenarios for interaction with two CHFs | Ericsson LM | 32.290 | 0178 | - | Rel-17 | B | CHROAM | not pursued |
| S5-222442 | Rel-17 CR 32.290 Function for interaction with two CHFs | Ericsson LM | 32.290 | 0179 | - | Rel-17 | B | CHROAM | not pursued |
| S5-222443 | Rel-17 CR 32.290 Error handling for interaction with two CHFs | Ericsson LM | 32.290 | 0180 | - | Rel-17 | B | CHROAM | not pursued |
| S5-222775 | Rel-17 CR 32.290 CHF Set Concept and Retry Handling | Nokia | 32.290 | 0181 | - | Rel-17 | F | TEI17 | agreed |
| S5-222231 | Rel-17 CR 32.291 Additional charging information for the 5G LAN management | Huawei | 32.291 | 0379 | - | Rel-17 | B | 5GLAN\_CH | not pursued |
| S5-222405 | Rel-16 CR 32.291 Correction on the Charging Identifier Uniqueness | Huawei | 32.291 | 0380 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222406 | Rel-17 CR 32.291 Correction on the Charging Identifier Uniqueness | Huawei | 32.291 | 0381 | - | Rel-17 | A | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222409 | Rel-17 CR 32.291 Correct the 307 and 308 Http Status Code | Huawei | 32.291 | 0382 | - | Rel-17 | F | TEI17, 5GS\_Ph1-SBI\_CH | not pursued |
| S5-222410 | Rel-17 CR 32.291 Correct the resource operation to support 307 and 308 | Huawei | 32.291 | 0383 | - | Rel-17 | F | TEI17, 5GS\_Ph1-SBI\_CH | not pursued |
| S5-222413 | Rel-16 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | 32.291 | 0384 | - | Rel-16 | F | TEI16, 5GS\_Ph1\_NEFCH | revised |
| S5-222801 | Rel-16 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | 32.291 | 0384 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1\_NEFCH | agreed |
| S5-222414 | Rel-17 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | 32.291 | 0385 | - | Rel-17 | A | TEI16, 5GS\_Ph1\_NEFCH | revised |
| S5-222802 | Rel-17 CR 32.291 Correction on the identifiers for NEF API Charging information | Huawei | 32.291 | 0385 | 1 | Rel-17 | A | TEI16, 5GS\_Ph1\_NEFCH | agreed |
| S5-222772 | Rel-17 CR 32.291 Correcting IMS triggering for PLMN change | Ericsson | 32.291 | 0386 | - | Rel-17 | F | TEI17 | agreed |
| S5-222774 | Rel-17 CR 32.291 Correcting V-SMF as node functionality | Ericsson | 32.291 | 0387 | - | Rel-17 | F | TEI17 | agreed |
| S5-222232 | Rel-17 CR 32.298 Additional charging information for the 5G LAN Charging | Huawei | 32.298 | 0889 | - | Rel-17 | B | 5GLAN\_CH | revised |
| S5-222813 | Rel-17 CR 32.298 Additional charging information for the 5G LAN Charging | Huawei | 32.298 | 0889 | 1 | Rel-17 | B | 5GLAN\_CH | agreed |
| S5-222242 | Rel-17 CR 32.298 Add charging information in CDR | Huawei | 32.298 | 0890 | - | Rel-17 | B | 5G\_CIoT\_CH | revised |
| S5-222786 | Rel-17 CR 32.298 Add charging information in CDR | Huawei | 32.298 | 0890 | 1 | Rel-17 | B | 5G\_CIoT\_CH | agreed |
| S5-222407 | Rel-16 CR 32.298 Correction on the Charging Identifier Uniqueness | Huawei | 32.298 | 0891 | - | Rel-16 | F | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222408 | Rel-17 CR 32.298 Correction on the Charging Identifier Uniqueness | Huawei | 32.298 | 0892 | - | Rel-17 | A | TEI16, 5GS\_Ph1-DCH | not pursued |
| S5-222415 | Rel-16 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | 32.298 | 0893 | - | Rel-16 | F | TEI16, 5GS\_Ph1\_NEFCH | revised |
| S5-222803 | Rel-16 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | 32.298 | 0893 | 1 | Rel-16 | F | TEI16, 5GS\_Ph1\_NEFCH | agreed |
| S5-222416 | Rel-17 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | 32.298 | 0894 | - | Rel-17 | A | TEI16, 5GS\_Ph1\_NEFCH | revised |
| S5-222804 | Rel-17 CR 32.298 Correction on the identifiers for NEF API Charging information | Huawei | 32.298 | 0894 | 1 | Rel-17 | A | TEI16, 5GS\_Ph1\_NEFCH | agreed |
| S5-222771 | Rel-17 CR 32.298 Update RAT Type to support NR RedCap | China Mobile | 32.298 | 0895 | - | Rel-17 | B | ARCH\_NR\_REDCAP | agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| S5-222136 |  | LS on the specification of AT commands for NR QoE | C1-222058 | noted | (none) |
| S5-222137 |  | Reply LS ccSA5 On User Consent Updating | C4-221413 | noted | (none) |
| S5-222138 |  | LS ccSA5 on Traffic usage reporting on 5MBS service | C4-221443 | replied to | S5-222812 |
| S5-222139 |  | Reply LS on Enhancement on Charging Identifier Uniqueness Mechanism | C4-221440 | noted | (none) |
| S5-222140 |  | LS reply from ENSWI to 3GPP SA5 on overall architecture for network slice ordering, provisioning and assurance | GSMA | replied to | S5-222814 |
| S5-222141 |  | Resubmitted LS on the first deliverable on use cases for autonomous networks from ITU FG-AN | ITU FG-AN | replied to | S5-222560 |
| S5-222142 |  | TM Forum E2E team Response to liaison S5-215530 | TM Forum | replied to | S5-222815 |
| S5-222143 |  | Minutes Formal Liaison Meeting #15 Minutes 21st February 2022 Liaison AN-SDO2022-02 | TM Forum | noted | (none) |
| S5-222144 |  | Publication of NFV SOL001 V4.2.1 | ETSI ISG NFV | noted | (none) |
| S5-222145 |  | Further Operator Platform Group questions following SDO Workshop | GSMA | noted | (none) |
| S5-222146 |  | Further reply LS ccSA5 on QoE report handling at QoE pause | R2-2201862 | noted | (none) |
| S5-222147 |  | LS ccSA5 on the specification of AT commands for NR QoE | R2-2202017 | noted | (none) |
| S5-222148 |  | Reply LS ccSA5 on maximum container size for QoE configuration and report | R2-2202018 | noted | (none) |
| S5-222149 |  | LS ccSA5 on logged MDT configuration at SN in DC scenario | R2-2204063 | noted | (none) |
| S5-222150 |  | LS on RAN2 agreements on NR QoE | R2-2204202 | noted | (none) |
| S5-222151 |  | Resubmitted Response to LS Reply LS on Enhancement of RAN Slicing | R3-216238 | replied to | S5-222645 |
| S5-222152 |  | LS ccSA5 on User consent Updating | R3-221210 | noted | (none) |
| S5-222153 |  | LS ccSA5 on QoE Measurement Session Start and Measurement Session End Indication from the UE | R3-221243 | noted | (none) |
| S5-222154 |  | Reply LS to SA5 on beam measurement reports | R3-221383 | postponed | (none) |
| S5-222155 |  | LS on QMC related RAN3 progress | R3-221437 | noted | (none) |
| S5-222156 |  | LS on configuration updates of MDT M1, M8 and M9 in RAN3 specifications | R3-221445 | postponed | (none) |
| S5-222157 |  | Reply LS on MDT M6 calculation for split bearers in MR-DC | R3-222868 | noted | (none) |
| S5-222158 |  | LS on RAN3 agreements for NR QoE | R3-222890 | postponed | (none) |
| S5-222159 |  | Reply LS ccSA5 on MINT functionality for Disaster Roaming | S2-2201514 | replied to | S5-222575 |
| S5-222160 |  | Reply LS ccSA5 on MBS Service Area Identity and start procedure for broadcast service | S2-2201517 | noted | (none) |
| S5-222161 |  | Reply LS ccSA5 on Further GSMA OPAG questions following SDO Workshop | S2-2201721 | noted | (none) |
| S5-222162 |  | Reply LS ccSA5 on User Consent Updating | S3-220474 | noted | (none) |
| S5-222163 |  | Reply LS ccSA5 on Reply LS on MINT functionality for Disaster Roaming | S3-220518 | noted | (none) |
| S5-222164 |  | Reply LS ccSA5 on Further Operator Platform Group questions following SDO Workshop | S3-220571 | noted | (none) |
| S5-222165 |  | LS Reply ccSA5 on maximum container size for QoE configuration and report | S4-220237 | noted | (none) |
| S5-222166 |  | LS Reply on QoE configuration and reporting related issues | S4-220309 | postponed | (none) |
| S5-222167 |  | Resubmitted LS on TS 28.404/TS 28.405 Clarification | S4-211234 | postponed | (none) |
| S5-222168 |  | Reply LS ccSA5 on Prioritized Vehicle to Cloud Technical Solutions (Automotive Edge Computing Consortium (AECC)) | S6-220265 | noted | (none) |
| S5-222169 |  | Reply LS ccSA5 on further Operator Platform Group questions following SDO Workshop | S6-220432 | noted | (none) |
| S5-222170 |  | Resubmitted LS/r on methodology harmonization update (reply to 3GPP TSG SA5-S5-215481) | ITU-T SG2 | replied to | S5-222570 |
| S5-222351 |  | LS ccSA5 on MEC Federation and interest to collaborate | ETSI ISG MEC | noted | (none) |
| S5-222553 |  | Reply LS ccSA5 to GSMA Operator Platform Group on edge computing definition and integration | SP-220003 | noted | (none) |
| S5-222554 |  | Reply LS ccSA5 to GSMA OPG on Further Operator Platform Group questions following SDO Workshop | SP-220346 | noted | (none) |
| S5-222555 |  | LS ccSA5 on Request to clarify whether there are IPR issues with using 3GPP terminology and  information objects and names in code contributed to ONAP | ONAP | noted | (none) |
| S5-222556 |  | LS on enforcement of maximum number of UEs and maximum number of PDU sessions in a network slice. | GSMA | noted | (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| S5-222560 | Reply LS on the first deliverable on use cases for autonomous networks from ITU FG-AN (ITU FG-AN) | ITU-T,ITU FG-AN, GSMA, IEEE, ETSI ISG ZSM, ETSI ISG NFV, ETSI TC INT, TM Forum, IETF, IRTF, Linux Foundation Networking, Open Networking Foundation, LF AI & Data Foundation, O-RAN Alliance, NGMN | SA | S5-222141 |
| S5-222568 | LS on the clarification of Dynamic EAS instantiation triggering | SA6 | - |  |
| S5-222570 | Reply LS on methodology harmonization update | ITU-T SG2 | - | S5-222170 |
| S5-222575 | Reply to LS on MINT functionality for Disaster Roaming | SA2 | SA,CT, RAN,SA3, CT1, CT4, CT6, RAN2 | S5-222159 |
| S5-222645 | LS on Response to LS on Enhancement of RAN Slicing from RAN3 | RAN3 | - | S5-222151 |
| S5-222812 | Reply to LS on Traffic usage reporting on 5MBS service | CT4 | SA2 | S5-222138 |
| S5-222814 | Reply LS to GSMA NG ENSWI on overall architecture for network slice ordering, provisioning and assurance | GSMA NG ENSWI | 3GPP SA | S5-222140 |
| S5-222815 | Reply LS to TM Forum on overall architecture for network slice ordering, provisioning and assurance | TM Forum | 3GPP SA | S5-222142 |
| S5-222816 | LS on changes over E1AP due to RACH NSA Measurements | RAN3 | - | - |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| S5-222579 | New SID on Management Aspects of IoT NTN Enhancement | China Unicom | SID new |
| S5-222631 | New SID Study on measurement data collection to support RAN intelligence | Intel Korea, Ltd. Verizon, AT&T, CMCC | SID new |
| S5-222269 | Update SID on enhancement of management of NPN | Huawei | SID revised |
| S5-222578 | New Rel-18 WID 5G advanced performance measurements and KPIs | China Telecomunication Corp., Intel | WID new |
| S5-222789 | New WID MMS Charging in 5G System Architecture | Ericsson LM | WID new |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| S5-222017 | 28.829 | 0.0.0 | TR 22.829 skeleton cover sheet |
| S5-222022 | 28.913 | 0.0.0 | TR 28.913 skeleton |
| S5-222052 | 28.864 | 0.0.0 | TR 28.864-0.0.0 initial skeleton |
| S5-222098 | 28.836 | 0.0.0 | TR 28.836 skeleton -0.0.0 |
| S5-222103 | 28.903 | 0.0.0 | Initial version of TR28.903 |
| S5-222107 | 28.863 | 0.0.0 | TR 28.863-0.0.0 initial skeleton |
| S5-222113 | 28.865 | 0.0.0 | TR 28.865 Skeleton |
| S5-222121 | 28.909 | 0.0.0 | TR 28.909 v0.0.0 Initial skeleton |
| S5-222126 | 28.910 | 0.0.0 | TR 28.910 v0.0.0 Initial skeleton |
| S5-222178 | 28.908 | 0.0.0 | Initial skeleton (v000) of TR 28.908 |
| S5-222186 | 28.837 | 0.0.0 | draft TR 28.837 |
| S5-222244 | 28.912 | 0.0.0 | TR 28.912 initial version-0.0.0 |
| S5-222265 | 28.907 | 0.0.0 | TR 28.907 initial skeleton |
| S5-222292 | 28.832 | 0.0.0 | TR 28.832-0.0.0 initial skeleton |
| S5-222297 | 28.835 | 0.0.0 | TR 28.835-0.0.0 initial skeleton |
| S5-222300 | 28.833 | 0.0.0 | TR 28.833 Initial Skeleton v0.0.0 |
| S5-222371 | 28.830 | 0.0.0 | TR 28.830 v0.0.0 Initial skeleton |
| S5-222381 | 28.828 | 0.0.0 | TR 28.828 v0.0.0 Initial skeleton |
| S5-222393 | 28.317 | 0.0.0 | Initial skeleton (v000) of TS 28.317 |
| S5-222520 | 28.831 | 0.0.0 | Draft TR 28.831 |
| S5-222671 | 28.829 | 0.0.0 | TR 22.829 skeleton cover sheet |
| S5-222673 | 28.863 | 0.0.0 | TR 28.863-0.0.0 initial skeleton |
| S5-222726 | 28.317 | 0.1.0 | draft TS 28.317 |
| S5-222727 | 28.910 | 0.1.0 | draft TR 28.910 |
| S5-222728 | 28.909 | 0.1.0 | draft TR 28.909 |
| S5-222729 | 28.912 | 0.1.0 | draft TR 28.912 |
| S5-222730 | 28.836 | 0.1.0 | draft TR 28.836 |
| S5-222731 | 28.908 | 0.1.0 | draft TR 28.908 |
| S5-222732 | 28.864 | 0.1.0 | draft TR 28.864 |
| S5-222733 | 28.830 | 0.1.0 | draft TR 28.830 |
| S5-222734 | 28.925 | 0.5.0 | draft TR 28.925 |
| S5-222735 | 28.831 | 0.1.0 | draft TR 28.831 |
| S5-222736 | 28.832 | 0.1.0 | draft TR 28.832 |
| S5-222737 | 28.833 | 0.1.0 | draft TR 28.833 |
| S5-222738 | 28.835 | 0.1.0 | draft TR 28.835 |
| S5-222739 | 28.819 | 0.6.0 | draft TR 28.819 |
| S5-222740 | 28.837 | 0.1.0 | draft TR 28.837 |
| S5-222741 | 28.907 | 0.1.0 | draft TR 28.907 |
| S5-222742 | 28.913 | 0.1.0 | draft TR 28.913 |
| S5-222743 | 28.829 | 0.1.0 | draft TR 28.829 |
| S5-222744 | 28.863 | 0.1.0 | draft TR 28.863 |
| S5-222745 | 28.865 | 0.1.0 | draft TR 28.865 |
| S5-222746 | 28.824 | 0.6.0 | draft TR 28.824 |
| S5-222747 | 28.903 | 0.1.0 | draft TR 28.903 |
| S5-222748 | 28.312 | 1.1.0 | draft TS 28.312 |
| S5-222749 | 28.104 | 1.1.0 | draft TS 28.104 |
| S5-222750 | 28.105 | 1.1.0 | draft TS 28.105 |
| S5-222761 | 32.257 | 1.1.0 | Draft TS 32.257 |
| S5-222762 | 32.847 | 1.2.0 | Draft TR 32.847 |
| S5-222763 | 28.826 | 0.4.0 | Draft TR 28.826 |
| S5-222764 | 28.827 | 1.1.0 | Draft TR 28.827 |
| S5-222765 | 28.828 | 0.1.0 | Draft TR 28.828 |

## Annex F: List of participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TITLE | Family Name | Given Name | Employer Organization | Organization Represented |
| Mr. | Achter | Johannes | Deutsche Telekom AG | Telekom Deutschland GmbH |
| Dr. | Al-kanani | Hassan | NEC Europe Ltd | NEC Telecom MODUS Ltd. |
| Mrs. | Allwang | Christiane | Nokia Germany | Nokia Germany |
| Mr. | Andrianov | Anatoly | Nokia Germany | Nokia |
| Mr. | audebert | vincent | EDF Recherche et Développement | EDF Recherche et Développement |
| Mrs. | Ayani | Zhulia | Ericsson LM | L.M. Ericsson Limited |
| Mr. | Berisot | Thierry | NOVAMINT | NOVAMINT |
| Ing. | Broszeit | Marco | Vodafone GmbH | Vodafone Telekomünikasyon A.S. |
| Mr. | Brown | Michael | Microsoft Europe SARL | Microsoft Europe SARL |
| Ms. | Camacho | Cristina | VODAFONE Group Plc | Vodafone Italia SpA |
| Mr. | Cano Soveri | Mirko | ETSI | ETSI |
| Miss | cao | guangjing | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | Cao | Longyu | HUAWEI TECHNOLOGIES Co. Ltd. | HuaWei Technologies Co., Ltd |
| Mr. | Cao | Xi | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Dr. | Cetinkaya | Egemen | Verizon UK Ltd | Verizon Denmark |
| Mr. | Champel | Mary-Luc | Beijing Xiaomi Mobile Softwar | Beijing Xiaomi Electronics |
| Dr. | Chen | Ai | China Mobile Com. Corporation | China Mobile International Ltd |
| Ms. | Chen | Lijuan | ZTE Corporation | ShenZhen Zhongxing Shitong |
| Miss | CHEN | SHAN | Huawei Tech.(UK) Co.. Ltd | HiSilicon Technologies Co. Ltd |
| Miss | Chen | Xiumin | China Telecommunications | China Telecomunication Corp. |
| Mr. | Chen | Yu | China Telecommunications | China Telecommunications |
| Dr. | Chiba | Tsunehiko | VIAVI Solutions | VIAVI Solutions |
| Mr. | Chou | Joey | Intel Corporation (UK) Ltd | Intel Korea, Ltd. |
| Dr. | Cornily | Jean Michel | Orange | Orange Romania |
| Mr. | Costello | Tim | BT plc | BT plc |
| Mr. | Dempo | Hiroshi | NEC Corporation | NEC Corporation |
| Mr. | DENIGOT | Patrice | ViaviSolutions Deutsch. GmbH | ETSI |
| Dr. | Dong | Hao | ZTE Corporation | ZTE Photonics |
| Miss | Dong | Jia | China Mobile E-Commerce Co. | China Mobile E-Commerce Co. |
| Mr. | Edwards | Robert | MATRIXX Software | MATRIXX Software |
| Mr. | Elmdahl | Per | Ericsson France S.A.S | Ericsson France S.A.S |
| Mr. | Gao | Jiajin | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | Gautam | Deepanshu | Samsung R&D Institute UK | Samsung R&D Institute India |
| Mr. | Glozman | Borislav | Amdocs Software Systems Ltd | Amdocs Software Systems Ltd |
| Dr. | Goerge | Jürgen | Nokia Germany | Nokia Germany |
| Mr. | Görmer | Gerald | MATRIXX Software | MATRIXX Software |
| Mr. | Groenendijk | Jan | Ericsson LM | Ericsson GmbH, Eurolab |
| Miss | Guo | Chuyi | China Mobile Research Inst. | China Mobile Com. Corporation |
| Mr. | Guo | Yi | Intel Corporation (UK) Ltd | Intel Belgium SA/NV |
| Mr. | Gupta | Varini | Samsung R&D Institute India | Samsung Electronics France SA |
| Mr. | Guttman | Erik | Samsung R&D Institute UK | Samsung Electronics GmbH |
| Mr. | Hassett | Brendan | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Technologies Sweden AB |
| Mr. | Hatanaka | Yoshitaka | NTT DOCOMO INC. | NTT DOCOMO INC. |
| Mr. | Horvat | Atila | Hewlett-Packard Enterprise | Hewlett-Packard Enterprise |
| Ms. | Hu | Yaxi | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Miss | Hu | Yushuang | China Mobile Research Inst. | CCSA |
| Miss | Huang | Xietian | HUAWEI Technologies Japan K.K. | HUAWEI Technologies Japan K.K. |
| Mr. | Jesske | Roland | Deutsche Telekom AG | T-Mobile Polska S.A. |
| Mr. | Jha | Pranav | IIT Bombay | IIT Bombay |
| Mr. | Ju | Manchang | ZTE Corporation | ZTE Corporation |
| Mr. | Kaushik | Ashutosh | Samsung R&D Institute UK | Samsung Electronics Co., Ltd |
| Miss | Kedalagudde | Meghashree D | Intel Deutschland GmbH | Intel Corporation SAS |
| Mr. | Klotz | Michael | Deutsche Telekom AG | T-Mobile Austria GmbH |
| Mr. | Kolekar | Abhijeet | Intel Corporation (UK) Ltd | Intel |
| Dr. | Kollar | Martin | Nokia Solutions & Networks (I) | Nokia Solutions & Networks (I) |
| Mr. | Kumar | Lalith | Samsung R&D Institute India | Samsung Electronics GmbH |
| Mr. | Lengyel | Balazs | Ericsson Hungary Ltd | Ericsson Hungary Ltd |
| Ms. | Li | Chenyi | China Unicom | Unicompay |
| Mr. | Li | Gang | Nanjing Ericsson Panda Com Ltd | Nanjing Ericsson Panda Com Ltd |
| Mrs. | li | jing | China Unicom | China Unicom |
| Mr. | Li | Shitao | Huawei Tech.(UK) Co.. Ltd | HUAWEI TECH. GmbH |
| Miss | li | weiyuan | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | Li | Zhendong | Nubia Technology Co.,Ltd | ZTE Wistron Telecom AB |
| Mr. | Li | Zhijun | ZTE Corporation | ZTE Corporation |
| Dr. | Liang | Haoran | Xiaomi Communications | Xiaomi Communications |
| Miss | liang | lixin | China Telecommunications | China Telecommunications |
| Miss | Liang | Shuang | Nubia Technology Co.,Ltd | ZONSON |
| Mr. | Libunao | Gerardo | Verizon UK Ltd | Verizon UK Ltd |
| Miss | Lin | Lin | China Unicom | Unicom Broadband Online |
| Mr. | LIU | Jianning(Carry) | Beijing Xiaomi Software Tech | Beijing Xiaomi Software Tech |
| Ms. | Lu | Wei | Xiaomi Technology | Xiaomi Technology |
| Mr. | Lu | Yang | HUAWEI TECHNOLOGIES Co. Ltd. | HUAWEI TECHNOLOGIES Co. Ltd. |
| Mr. | Luetzenkirchen | Thomas | Intel Deutschland GmbH | Intel Deutschland GmbH |
| Mr. | Lyu | Feibi | China Unicom | China Unicom |
| Ms. | Ma | Limeng | AsiaInfo Technologies Inc | AsiaInfo Technologies Inc |
| Mr. | Ma | Ruitao | China Unicom | CUG |
| Miss | Martinez Tarradell | Marta | Intel | Intel Corporation Italia SpA |
| Mr. | Mayer | Georg | HuaWei Technologies Co., Ltd | HUAWEI TECHNOLOGIES Co. Ltd. |
| Mr. | McDonnell | Eoin | Ericsson LM | Ericsson Telecomunicazioni SpA |
| Mr. | Mo | Zhiwei | China Telecommunications | China Telecommunications |
| Ms. | Monika | Gupta | Amdocs Software Systems Ltd | Amdocs Software Systems Ltd |
| Dr. | Mwanje | Stephen | Nokia | Nokia Germany |
| Dr. | Mwanje | Stephen | Nokia Denmark | Nokia Italy |
| Ms. | Neira | Elena | MITRE Corporation | MITRE Corporation |
| Mr. | Niang | Mamadou M. | Verizon UK Ltd | Verizon Spain |
| Ms. | Niu | Yuxia | China Telecom Corporation Ltd. | China Telecom Corporation Ltd. |
| Mr. | Ordonez-Lucena | Jose | TELEFONICA S.A. | TELEFONICA S.A. |
| Dr. | Palat | Sudeep | Intel Corporation (UK) Ltd | Intel Corporation (UK) Ltd |
| Mr. | Patel | Ashish Singh | IIT Delhi | IIT Delhi |
| Mr. | Petersen | Robert | Ericsson LM | Ericsson Inc. |
| Dr. | Pollakowski | Olaf | Nokia Germany | Nokia France |
| Mrs. | Ponniah | Malathi | Nokia Solutions & Networks (I) | Nokia Korea |
| Mr. | Potter | Benjamin | AT&T GNS Belgium SPRL | AT&T GNS Belgium SPRL |
| Mr. | Pozo | Sergio | VODAFONE Group Plc | Vodafone GmbH |
| Ms. | Qiao | Xiaoyu | Apple GmbH | Apple GmbH |
| Miss | Qixuan | Zhang | CMDI | CMDI |
| Mr. | Ren | Chi | China Unicom | CITC |
| Mr. | Rodrigues | Joao | Nokia | Nokia UK |
| Mr. | Ronco | Enrico | TELECOM ITALIA S.p.A. | TELECOM ITALIA S.p.A. |
| Mr. | Roy | Dibbendu | IIT, Kharagpur | IIT, Kharagpur |
| Mr. | Ruan | Bangqiu | ZTE Corporation | ZTE Corporation |
| Ms. | Sabater | Susana | VODAFONE Group Plc | VODAFONE Group Plc |
| Dr. | Sadeghi | Bahar | Microsoft Europe SARL | Microsoft Europe SARL |
| Dr. | Samdanis | Konstantinos | Nokia Germany | Nokia Germany |
| Dr. | Savaglio | Frank | Telstra Corporation Limited | Telstra Corporation Limited |
| Mr. | Scott | Mark | Ericsson LM | Ericsson LM |
| Dr. | Shailendra | Samar | Intel Technology India Pvt Ltd | Intel Technology India Pvt Ltd |
| Mr. | Shan | Changhong | Intel Corporation (UK) Ltd | Intel China Ltd. |
| Ms. | Shen | Yang | Beijing Xiaomi Mobile Softwar | Beijing Xiaomi Mobile Softwar |
| Mr. | Shu | Min | CATT | CATT |
| Mr. | Smith | David K. | AT&T GNS Belgium SPRL | AT&T GNS Belgium SPRL |
| Mr. | Sofuoglu | Serkan | P.I. WORKS | P.I. WORKS |
| Miss | Song | Xiaojia | China Mobile Research Inst. | China Mobile Com. Corporation |
| Miss | SRINIVASARAJU | SRILAKSHMI | Nokia Corporation | Nokia Corporation |
| Mr. | Stojanovski | Saso | Intel Deutschland GmbH | Intel Finland Oy |
| Mr. | Sun | Mingrui | China Unicom | China Unicom |
| Ms. | Sun | Qi | China Mobile Research Inst. | CCSA |
| Mr. | Sun | Sean | Nokia Shanghai Bell | Nokia Shanghai Bell |
| Miss | Sun | Xiaowen | China Mobile Com. Corporation | China Mobile Com. Corporation |
| Mr. | Swaminathan | Sivaramakrishnan | Nokia Germany | Nokia Corporation |
| Mr. | tanikawa | kazunori | NICT | NICT |
| Mr. | Törnkvist | Robert | Ericsson LM | Ericsson España S.A. |
| Mr. | Tovinger | Thomas | Ericsson LM | Ericsson LM |
| Mr. | Vaishnavi | Ishan | Lenovo (Beijing) Ltd | Lenovo Mobile Com. Technology |
| Mr. | WANG | CHEN | China Mobile Research Inst. | China Mobile Com. Corporation |
| Ms. | Wang | Jingyun | China Unicom | China Unicom |
| Ms. | Wang | Junfeng | Ericsson LM | Oy LM Ericsson AB |
| Ms. | Wang | Man | HuaWei Technologies Co., Ltd | Huawei Telecommunication India |
| Miss | Wang | Menghan | ZTE Corporation | Nubia Technology Co.,Ltd |
| Dr. | Wang | Zhaoning | China Unicom | China Unicom |
| Ms. | Weaver | Farni | T-Mobile USA | T-Mobile USA Inc. |
| Ms. | WEI | QUN | China Unicom | BTPDI |
| Ms. | WU | Jinhua | Beijing Xiaomi Mobile Softwar | Beijing Xiaomi Mobile Software |
| Mr. | Xie | Baoguo | ZTE Corporation | ZTE Corporation |
| Ms. | Xie | Yuxuan | China Mobile Research Inst. | China Mobile Com. Corporation |
| Mr. | Xing | TianQi | China Unicom | CU Digital Technology |
| Mr. | XING | XIAOCHENG | HUAWEI TECHNOLOGIES Co. Ltd. | HUAWEI TECHNOLOGIES Co. Ltd. |
| Dr. | Xu | Lexi | China Unicom | China Unicom |
| Mr. | Xu | Ruiyue | Huawei Tech.(UK) Co.. Ltd | Huawei Technologies France |
| Miss | Yan | Xiaojian | ZTE Corporation | CALTTA |
| Dr. | Yao | Ge | China Unicom | VSENS |
| Mr. | Yao | Yizhi | Intel Corporation (UK) Ltd | Intel Technology Poland SP Zoo |
| Dr. | Yu | Xiaobo | Alibaba (China) Group., Ltd. | Alibaba (China) Group., Ltd. |
| Ms. | Yuchao | Jin | China Unicom | China Unicom |
| Mr. | Yun | Andy | TELUS | TELUS |
| Mr. | Zadeh | Bagher | Ericsson LM | Ericsson Limited |
| Miss | Zhang | Jiachen | China Mobile Research Inst. | China Mobile Com. Corporation |
| Mr. | Zhang | Jian | HUAWEI TECHNOLOGIES Co. Ltd. | Huawei Technologies Japan K.K. |
| Mr. | Zhang | Kai | Huawei Tech.(UK) Co.. Ltd | Huawei Technologies R&D UK |
| Ms. | Zhang | Ling | Siemens AG | Siemens AG |
| Miss | Zhang | Zhijiao | CENC | CENC |
| Dr. | Zhang | Zhuoyun | Tencent | Tencent Cloud |
| Dr. | Zhao | Shuai | Intel | Intel Sweden AB |
| Mr. | Zhao | Song | China Telecom Corporation Ltd. | China Telecom Corporation Ltd. |
| Miss | Zhou | Xingyue | ZTE Corporation | ZTE Corporation |
| Mr. | Zhu | Chunhui | Beijing Xiaomi Mobile Softwar | Beijing Xiaomi Electronics |
| Mr. | Zhu | Jinguo | ZTE Corporation | ZTE Corporation |
| Mr. | Zhu | Lei | Huawei Tech.(UK) Co.. Ltd | Huawei Tech.(UK) Co.. Ltd |
| Mr. | Zhu | Weihong | ZTE Corporation | CALTTA |
| Ms. | Zou | Lan | Huawei Tech.(UK) Co.. Ltd | Huawei Technologies (Korea) |

## Annex G: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Title | Start date | End date (OP) | Town | Country | Reference |
| SA5#143-e | 2022-05-09 | 2022-05-17 | Online |  | S5-143-e |
| 3GPPSA5#143-bis-e (TBC) | 2022-05-24 | 2022-05-25 | Online |  | 3GPPSA5#143-bis-e |
| SA5#144-e | 2022-06-27 | 2022-07-06 | Online |  | S5-144-e |
| SA5#145 | 2022-08-15 | 2022-08-19 | Goteborg | SE | S5-145 |
| SA5-Ad Hoc | 2022-10-10 | 2022-10-14 | TBD | TB | S5-0 |
| SA5#146 | 2022-11-14 | 2022-11-18 | TBD | US | S5-146 |
| SA5-Ad Hoc | 2023-01-16 | 2023-01-20 | TBD |  | S5-0 |
| SA5#147 | 2023-02-27 | 2023-03-03 | EU | EU | S5-147 |
| SA5#148 | 2023-04-17 | 2023-04-21 | TBD | US | S5-148 |
| SA5#149 | 2023-05-22 | 2023-05-26 | China | CN | S5-149 |
| SA5#150 | 2023-08-21 | 2023-08-25 | EU | EU | S5-150 |
| SA5#151 | 2023-10-09 | 2023-10-13 | Japan | JP | S5-151 |
| SA5#152 | 2023-11-13 | 2023-11-17 | TBD | US | S5-152 |