3GPP TSG-RAN WG2 Meeting #126 R2-240xxx

Fukuoka, Japan May 20th – 26th, 2024

Source: Session chair (Ericsson)

Title: Report from maintenance, SON/MDT and eRedCap breakout session

* [AT126][750] Organizational – Maintenance and eRedCap (Ericsson)

Scope:

* + - Share plans for the meeting and list of ongoing email discussions
    - Share meetings notes and agreements for review and endorsement
    - Flag LSs and agreed CRs for discussion

      Intended outcome:

* + - General information sharing about the sessions

# 4 EUTRA Rel-17 and earlier

Only essential corrections. No documents should be submitted to 4. Please submit to 4.x

## 4.1 EUTRA corrections Rel-17 and earlier

(NB\_IOTenh4\_LTE\_eMTC6-Core; leading WG: RAN1; REL-17; WID: [RP-211340](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211340.zip))

(UPIP\_EN-DC\_UE; leading WG: RAN3; REL-17; WID: [RP‑213669](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_94e/Docs/RP-213669.zip))

(LTE TEI17)

Essential corrections to LTE Rel-17 topics not covered by other agenda items.

(NB\_IOTenh3-Core; leading WG: RAN1; REL-16; started: Jun 18; Completed: June 20; WID: [RP-200293](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_87e/Docs//RP-200293.zip)); REL-15 and Earlier NB-IoT WIs are in scope but not listed explicitly (long list).

(LTE\_eMTC5-Core; LTE\_eMTC5-Core; leading WG: RAN1; REL-16; started: Jun 18; Completed: June 20; WID: [RP-192875](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_86/Docs//RP-192875.zip);), REL-15 and Earlier eMTC WIs are in scope but not listed explicitly (long list).

(LTE\_feMob-Core; leading WG: RAN2; REL-16; started: Jun 18; Completed: June 20; WID: [RP-190921](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_84/Docs//RP-190921.zip));

(LTE\_terr\_bcast-Core, LTE\_DL\_MIMO\_EE-Core, LTE\_high\_speed\_enh2-Core; LTE TEI16 Non-positioning);

(LTE\_NBIOT\_eMTC\_NTN; leading WG: RAN1; REL-17; WID: [RP-211601](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211601.zip))

REL-15 and Earlier EUTRA WIs are in scope but not listed explicitly (long list), Except V2X and Sidelink WIs and Positioning WIs, which are addressed by AIs below.

NOTE that LTE corrections related to NR WIs or Joint NR LTE WIs should be submitted to NR AIs below.

NOTE that LTE corrections which are the same as an NR correction should be submitted to the respective NR AI (so the NR CR and LTE CR can be treated together).

This Agenda Item is treated in the Maintenance Breakout session (Corrections for LTE\_NBIOT\_eMTC\_NTN might be treated in the NTN breakout session)

### 4.1.0 In-principle agreed CRs

### 4.1.1 Other

Resume

[R2-2404516](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404516.zip) Further corrections to RRCConnectionResume in LTE RRC Lenovo discussion Rel-14 TEI14

NTN

[R2-2405120](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405120.zip) Adding definition of earth-moving cell for IoT NTN Huawei, HiSilicon, ZTE Corporation, Sanechips, Nokia, Nokia Shanghai Bell, CATT, Intel Corporation CR Rel-17 36.331 17.8.0 5019 - F LTE\_NBIOT\_eMTC\_NTN

[R2-2405121](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405121.zip) Adding definition of earth-moving cell for IoT NTN Huawei, HiSilicon, ZTE Corporation, Sanechips, Nokia, Nokia Shanghai Bell, CATT, Intel Corporation CR Rel-18 36.331 18.1.0 5020 - A LTE\_NBIOT\_eMTC\_NTN

[R2-2405452](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_126/Docs//R2-2405452.zip) IoT NTN Kmac correction Ericsson CR Rel-17 36.300 17.7.0 1402 - F LTE\_NBIOT\_eMTC\_NTN-Core

Moved from 7.6.1

Misc

[R2-2405397](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405397.zip) Miscellaneous Corrections for TS 36.331 Samsung, Qualcomm CR Rel-14 36.331 14.16.0 5023 - F TEI14, TEI10

[R2-2405398](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405398.zip) Miscellaneous Corrections for TS 36.331 Samsung, Qualcomm CR Rel-15 36.331 15.21.0 5024 - F TEI14, TEI10, LTE\_NBIOT\_eMTC\_NTN

[R2-2405399](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405399.zip) Miscellaneous Corrections for TS 36.331 Samsung, Qualcomm CR Rel-16 36.331 16.15.0 5025 - A TEI14, TEI10, LTE\_NBIOT\_eMTC\_NTN

[R2-2405400](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405400.zip) Miscellaneous Corrections for TS 36.331 Samsung, Qualcomm CR Rel-17 36.331 17.8.0 5026 - F TEI14, TEI10, LTE\_NBIOT\_eMTC\_NTN, TEI17, NR\_ext\_to\_71GHz-Core

[R2-2405401](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405401.zip) Miscellaneous Corrections for TS 36.331 Samsung, Qualcomm CR Rel-18 36.331 18.1.0 5027 - F TEI14, LTE\_NBIOT\_eMTC\_NTN, TEI10, TEI17, NR\_ext\_to\_71GHz-Core, NR\_mobile\_IAB-Core

# 5 NR Rel-15 and Rel-16

Essential corrections only.

Tdoc Limitation: 2 tdocs in total for all sub agenda items NOTE: some agenda items have additional Tdoc limits.

In case a correction need to be reflected in both NR TS and LTE TS, the corrections should be submitted under one single AI (so the NR and LTE correction can be treatee together), the sub-Ais below this

## 5.1 Common

Includes the following WIs and input that doesn’t fit elsewhere.

(NR\_newRAT-Core; leading WG: RAN1; REL-15; started: Mar. 17; closed: Jun. 19: WID: [RP-191971](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_85/Docs//RP-191971.zip))

(NR\_IAB-Core; leading WG: RAN2; REL-16; started: Dec 18; target Aug 20; WID: [RP-200840](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_88e/Docs//RP-200840.zip))

(NR\_unlic-Core; leading WG: RAN1; REL-16; started: Dec 18; Closed June 20; WID: [RP-192926](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_86/Docs//RP-192926.zip)).

(NR\_IIOT-Core; leading WG: RAN2; REL-16; started: Mar 19; Completed: Jun 20; WID: [RP-200797](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_88e/Docs//RP-200797.zip))

(NR\_UE\_pow\_sav-Core; leading WG: RAN1; REL-16; started: Mar 19; Completed Jun 20; WID: [RP-200494](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_87e/Docs//RP-200494.zip)).

(NR\_2step\_RACH-Core; leading WG: RAN1; REL-16; started: Dec 18; Completed: June 20; WID: [RP-200085](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_87e/Docs//RP-200085.zip)).

(SRVCC\_NR\_to\_UMTS-Core; leading WG: RAN2; REL-16; started: Dec 18; Completed; Mar 20; WID: [RP-190713](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_83/Docs//RP-190713.zip))

(RACS-RAN-Core, leading WG: RAN2; REL-16; started: Mar 19; completed: Jun 20; WID: [RP-191088](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_84/Docs//RP-191088.zip))

(NG\_RAN\_PRN-Core; leading WG: RAN3; REL-16; started: Mar 19; completed: June 20; WID: [RP-200122](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_87e/Docs//RP-200122.zip))

(NR\_eMIMO-Core, leading WG: RAN1; REL-16; started: Jun 18; target; Aug 20; WID: [RP-200474😉](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_87e/Docs/RP-200474.zip)

(NR\_CLI\_RIM; leading WG: RAN1; REL-16; started: Dec 18; Completed: Jun 20; WID: [RP-191997](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_85/Docs//RP-191997.zip);)

(NR\_L1enh\_URLLC-Core, leading WG: RAN1; REL-16; Completed: June 20; WID: [RP-191584](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_84/Docs//RP-191584.zip))

(LTE\_NR\_DC\_CA\_enh-Core; leading WG: RAN2; REL-16; started: Jun 18; Target Aug 20; WI [RP-200791](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_88e/Docs//RP-200791.zip))

(NR\_Mob\_enh-Core; leading WG: RAN2; REL-16; started: Jun 18; Completed June 20; WID: [RP-192277](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_85/Docs//RP-192277.zip)).

(NR\_SON\_MDT-Core; leading WG: RAN3; REL-16; started: Jun 19; Completed June 20; WID: [RP-191776](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_85/Docs//RP-191776.zip))

(NR\_HST, NR\_RRM\_enh-Core, NR\_RF\_FR1, NR\_RF\_FR2\_req\_enh, NR\_n66\_BW, LTE\_NR\_B41\_Bn41\_PC29dBm-Core, NR\_CSIRS\_L3meas,)

(NR TEI16)

LTE mob enh corrections that are common with NR mobility enhancements should be submitted to this AI.

### 5.1.1 Stage 2 and Organisational

Incoming LSs, etc. You should discuss your stage 2 CRs with the specification rapporteurs before submission. Includes impact to 38.300, 36.300, 37.340

[R2-2404124](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404124.zip) Reply LS on combination of HST and RRM relaxation ([R4-2403532](https://www.3gpp.org/ftp//tsg_ran/WG4_Radio/TSGR4_110/Docs//R4-2403532.zip); contact: Apple) RAN4 LS in Rel-16 NR\_HST, NR\_UE\_pow\_sav-Core To:RAN2

[R2-2404133](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404133.zip) LS on 5GS missing CBC support for shared networks ([S2-2405210](https://www.3gpp.org/ftp//tsg_sa/WG2_Arch/TSGS2_161_Athens_2024-02/Docs//S2-2405210.zip); contact: Ericsson) SA2 LS in Rel-15 5GS\_Ph1 To:CT1 Cc:RAN2, RAN3, SA1

#### 5.1.1.0 In-principle agreed CRs

[R2-2404360](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404360.zip) Correction to UE capability description for fallback BC behavior Ericsson, Nokia (Rapporteur) CR Rel-15 38.300 15.16.0 0843 1 F NR\_newRAT-Core [R2-2403004](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403004.zip)

[R2-2404361](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404361.zip) Correction to UE capability description for fallback BC behavior Ericsson, Nokia (Rapporteur) CR Rel-16 38.300 16.15.0 0844 1 A NR\_newRAT-Core [R2-2403005](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403005.zip)

[R2-2404362](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404362.zip) Correction to UE capability description for fallback BC behavior Ericsson, Nokia (Rapporteur) CR Rel-17 38.300 17.8.0 0845 1 A NR\_newRAT-Core [R2-2403006](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403006.zip)

[R2-2404363](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404363.zip) Correction to UE capability description for fallback BC behavior Ericsson, Nokia (Rapporteur) CR Rel-18 38.300 18.1.0 0846 1 A NR\_newRAT-Core [R2-2403007](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403007.zip)

[R2-2404670](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404670.zip) Clarification on the combination of HST and RRM measurement relaxation Apple, Ericsson, Nokia (Rapporteur) CR Rel-16 38.300 16.15.0 0839 1 F NR\_HST, NR\_UE\_pow\_sav-Core [R2-2402869](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402869.zip)

[R2-2405624](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405624.zip) Clarification on the combination of HST and RRM measurement relaxation Apple, Ericsson, Nokia (Rapporteur) CR Rel-17 38.300 17.8.0 0840 2 A NR\_UE\_pow\_sav-Core, NR\_HST [R2-2404671](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404671.zip)

[R2-2405625](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405625.zip) Clarification on the combination of HST and RRM measurement relaxation Apple, Ericsson, Nokia (Rapporteur) CR Rel-18 38.300 18.1.0 0841 2 A NR\_UE\_pow\_sav-Core, NR\_HST [R2-2404672](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404672.zip)

[R2-2405250](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405250.zip) Missing Conditionally mandatory features without UE radio access capability parameters for 80ms scheduling offset for positioning SI acquisition Ericsson CR Rel-18 38.306 18.1.0 1086 2 A NR\_pos-Core [R2-2403799](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403799.zip)

[R2-2405251](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405251.zip) Missing Conditionally mandatory features without UE radio access capability parameters for 80ms scheduling offset for positioning SI acquisition Ericsson CR Rel-17 38.306 17.8.0 1088 2 A NR\_pos-Core [R2-2403798](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403798.zip)

[R2-2405252](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405252.zip) Missing Conditionally mandatory features without UE radio access capability parameters for 80ms scheduling offset for positioning SI acquisition Ericsson CR Rel-16 38.306 16.16.0 1087 2 F NR\_pos-Core [R2-2403797](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403797.zip)

Old revisions

[R2-2404671](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404671.zip) Clarification on the combination of HST and RRM measurement relaxation Apple, Ericsson, Nokia (Rapporteur) CR Rel-17 38.300 17.8.0 0840 1 A NR\_HST, NR\_UE\_pow\_sav-Core [R2-2402870](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402870.zip) Revised

[R2-2404672](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404672.zip) Clarification on the combination of HST and RRM measurement relaxation Apple, Ericsson, Nokia (Rapporteur) CR Rel-18 38.300 18.1.0 0841 1 A NR\_HST, NR\_UE\_pow\_sav-Core [R2-2402871](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402871.zip) Revised

#### 5.1.1.1 Other

### 5.1.3 Control Plane corrections

#### 5.1.3.0 In-principle agreed CRs

[R2-2404962](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404962.zip) Dummy the rrc-TransactionIdentifier field from IABOtherInformation Ericsson CR Rel-16 38.331 16.16.0 4702 1 F NR\_IAB-Core [R2-2403171](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403171.zip)

[R2-2404963](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404963.zip) Dummy the rrc-TransactionIdentifier field from IABOtherInformation Ericsson CR Rel-17 38.331 17.8.0 4703 1 A NR\_IAB-Core [R2-2403172](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403172.zip)

[R2-2404964](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404964.zip) Dummy the rrc-TransactionIdentifier field from IABOtherInformation Ericsson CR Rel-18 38.331 18.1.0 4704 1 A NR\_IAB-Core [R2-2403173](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403173.zip)

#### 5.1.3.1 NR RRC

Corrections to 38331, and related change to other TS if applicable, e.g. 36331, Stage-2 etc.

Configured grant

[R2-2404465](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404465.zip) Clarification of configured grant in shared spectrum Xiaomi CR Rel-16 38.331 16.16.0 4778 - F NR\_unlic-Core

[R2-2404466](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404466.zip) Clarification of configured grant in shared spectrum Xiaomi, OPPO CR Rel-17 38.331 17.8.0 4779 - A NR\_unlic-Core

[R2-2404467](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404467.zip) Clarification of configured grant in shared spectrum Xiaomi, OPPO CR Rel-18 38.331 18.1.0 4780 - A NR\_unlic-Core

SRVCC

[R2-2405009](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405009.zip) Clarification on UE capability reporting for UTRA-FDD MediaTek Inc. CR Rel-16 38.331 16.16.0 4804 - F SRVCC\_NR\_to\_UMTS-Core

[R2-2405010](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405010.zip) Clarification on UE capability reporting for UTRA-FDD MediaTek Inc. CR Rel-17 38.331 17.8.0 4805 - A SRVCC\_NR\_to\_UMTS-Core

[R2-2405011](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405011.zip) Clarification on UE capability reporting for UTRA-FDD MediaTek Inc. CR Rel-18 38.331 18.1.0 4806 - A SRVCC\_NR\_to\_UMTS-Core

ETWS/CMAS

[R2-2405175](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405175.zip) Clarification on SIB1 reception for ETWS/CMAS Samsung, Ericsson CR Rel-15 38.331 15.25.0 4817 - F NR\_newRAT-Core

[R2-2405176](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405176.zip) Clarification on SIB1 reception for ETWS/CMAS Samsung, Ericsson CR Rel-16 38.331 16.16.0 4818 - A NR\_newRAT-Core

[R2-2405177](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405177.zip) Clarification on SIB1 reception for ETWS/CMAS Samsung, Ericsson CR Rel-17 38.331 17.8.0 4819 - A NR\_newRAT-Core

[R2-2405178](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405178.zip) Clarification on SIB1 reception for ETWS/CMAS Samsung, Ericsson CR Rel-18 38.331 18.1.0 4820 - A NR\_newRAT-Core

Security algorithms

[R2-2405393](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405393.zip) Discussion on Applying Security Algorithm in EN-DC Samsung discussion Rel-15

Transaction identifier

[R2-2405675](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405675.zip) Clarification on when to include the rrc-TransactionIdentifier Ericsson CR Rel-15 38.331 15.25.0 4852 - F NR\_newRAT-Core

[R2-2405676](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405676.zip) Clarification on when to include the rrc-TransactionIdentifier Ericsson CR Rel-16 38.331 16.16.0 4853 - A NR\_newRAT-Core

[R2-2405677](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405677.zip) Clarification on when to include the rrc-TransactionIdentifier Ericsson CR Rel-17 38.331 17.8.0 4854 - A NR\_newRAT-Core

[R2-2405678](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405678.zip) Clarification on when to include the rrc-TransactionIdentifier Ericsson CR Rel-18 38.331 18.1.0 4855 - A NR\_newRAT-Core

#### 5.1.3.2 UE capabilities

UE cap corrections 38306, 38331

Bandwidth support

[R2-2404450](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404450.zip) Correction to mandatory supported capability of channel bandwidth CAICT CR Rel-15 38.306 15.24.0 1092 - F NR\_newRAT-Core

[R2-2404451](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404451.zip) Correction to mandatory supported capability of channel bandwidth CAICT CR Rel-16 38.306 16.16.0 1093 - A NR\_newRAT-Core Late

[R2-2404452](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404452.zip) Correction to mandatory supported capability of channel bandwidth CAICT CR Rel-17 38.306 17.8.0 1094 - A NR\_newRAT-Core Late

[R2-2404453](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404453.zip) Correction to mandatory supported capability of channel bandwidth CAICT CR Rel-18 38.306 18.1.0 1095 - A NR\_newRAT-Core Late

Two PUCCH groups

[R2-2404701](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404701.zip) Discussion on UE capabilities for two PUCCH groups Qualcomm Incorporated, Ericsson, ZTE Corporation, Sanechips discussion Rel-15 NR\_newRAT-Core

[R2-2404702](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404702.zip) Correction on prerequisite feature for csi-ReportingCrossPUCCH-Grp-r16 Qualcomm Incorporated CR Rel-16 38.306 16.16.0 1018 2 F TEI16 [R2-2402956](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402956.zip)

[R2-2404703](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404703.zip) Correction on prerequisite feature for csi-ReportingCrossPUCCH-Grp-r16 Qualcomm Incorporated CR Rel-17 38.306 17.8.0 1019 2 A TEI16 [R2-2402957](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402957.zip)

[R2-2404704](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404704.zip) Correction on prerequisite feature for csi-ReportingCrossPUCCH-Grp-r16 Qualcomm Incorporated CR Rel-18 38.306 18.1.0 1020 2 A TEI16 [R2-2402958](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402958.zip)

PUSCH-less SCell

[R2-2404724](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404724.zip) Clarification on the SRS Carrier Switching for the PUSCH-less Cell (r15) ZTE Corporation, Sanechips, Ericsson, Samsung CR Rel-15 38.306 15.24.0 1100 - F NR\_newRAT-Core

[R2-2404725](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404725.zip) Clarification on the SRS Carrier Switching for the PUSCH-less Cell (r16) ZTE Corporation, Sanechips, Ericsson, Samsung CR Rel-16 38.306 16.16.0 1101 - A NR\_newRAT-Core

[R2-2404726](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404726.zip) Clarification on the SRS Carrier Switching for the PUSCH-less Cell (r17) ZTE Corporation, Sanechips, Ericsson, Samsung CR Rel-17 38.306 17.8.0 1102 - A NR\_newRAT-Core

[R2-2404727](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404727.zip) Clarification on the SRS Carrier Switching for the PUSCH-less Cell (r18) ZTE Corporation, Sanechips, Ericsson, Samsung CR Rel-18 38.306 18.1.0 1103 - A NR\_newRAT-Core

Parallel Tx

[R2-2404728](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404728.zip) Clarification on the parallel Tx Capability (r15) ZTE Corporation, Sanechips, Ericsson CR Rel-15 38.306 15.24.0 1104 - F NR\_newRAT-Core

[R2-2404729](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404729.zip) Clarification on the parallel Tx Capability (R16) ZTE Corporation, Sanechips, Ericsson CR Rel-16 38.306 16.16.0 1105 - A NR\_newRAT-Core, NR\_2step\_RACH

[R2-2404730](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404730.zip) Clarification on the parallel Tx Capability (R17) ZTE Corporation, Sanechips, Ericsson CR Rel-17 38.306 17.8.0 1106 - A TEI17, NR\_newRAT-Core, NR\_2step\_RACH, NR\_IIOT\_URLLC\_enh

[R2-2404731](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404731.zip) Clarification on the parallel Tx Capability (R18) ZTE Corporation, Sanechips, Ericsson CR Rel-18 38.306 18.1.0 1107 - A TEI17, NR\_newRAT-Core, NR\_2step\_RACH, NR\_IIOT\_URLLC\_enh

SDL

[R2-2405505](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405505.zip) Clarification on xDD differentiation for SDL bands Huawei, HiSilicon CR Rel-15 38.306 15.24.0 1116 - F NR\_newRAT-Core

[R2-2405506](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405506.zip) Clarification on xDD differentiation for SDL bands Huawei, HiSilicon CR Rel-16 38.306 16.16.0 1117 - A NR\_newRAT-Core

[R2-2405507](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405507.zip) Clarification on xDD differentiation for SDL bands Huawei, HiSilicon CR Rel-17 38.306 17.8.0 1118 - A NR\_newRAT-Core

[R2-2405508](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405508.zip) Clarification on xDD differentiation for SDL bands Huawei, HiSilicon CR Rel-18 38.306 18.1.0 1119 - A NR\_newRAT-Core

Misc

[R2-2404529](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404529.zip) Miscellaneous non-controversial rapporteur corrections Intel Corporation CR Rel-16 38.306 16.16.0 1096 - F NR\_newRAT-Core, NR\_eMIMO-Core, NR\_unlic-Perf, 5G\_V2X\_NRSL-Core

#### 5.1.3.3 Other

This agenda item addresses the idle and inactive behaviour specified in 38.304 or 36.304, LTE-specific changes for the applicable WIs, Other parts not covered elsewhere.

# 6 NR Rel-17

Essential corrections only. Editorial/clarifications should be sent to be reviewed and approved by spec rapporteurs prior to submission. Editorials should only be submitted by spec rapporteurs.

## 6.1 Common

(NR\_MG\_enh-Core; leading WG: RAN4; REL-17; WID: [RP-211591](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211591.zip))

(NR\_UDC\_enh-Core; leading WG: RAN2; REL-17; WID: [RP-211203](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211203.zip))

(NG\_RAN\_PRN\_enh-Core; leading WG: RAN3; REL-17; WID: [RP-202363](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_90e/Docs//RP-202363.zip))

(NR\_IAB\_enh-Core; leading WG: RAN2; REL-17; WID: [RP-211548](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211548.zip))

(NR\_UE\_pow\_sav\_enh-Core; leading WG: RAN2; REL-17; WID: [RP-212630](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_93e/Docs//RP-212630.zip))

(LTE\_NR\_DC\_enh2-Core; leading WG: RAN2; REL-17; WID: [RP-201040](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_88e/Docs//RP-201040.zip))

(LTE\_NR\_MUSIM-Core; leading WG: RAN2; REL-17; WID: [RP-212610](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_93e/Docs//RP-212610.zip))

(NR\_Slice -Core; leading WG: RAN2; REL-17; WID: [RP-212534](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_93e/Docs//RP-212534.zip))

(NR\_QoE-Core; leading WG: RAN3; REL-17; WID: [RP-211406](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211406.zip))

(NR\_ext\_to\_71GHz-Core; leading WG: RAN1; REL-17; WID: [RP-212637](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_93e/Docs//RP-212637.zip))

(NR\_cov\_enh-Core; leading WG: RAN1; REL-17; WID: [RP-211566](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211566.zip)): non-RACH-indication parts

(NR\_redcap-Core; leading WG: RAN1; REL-17; WID: [RP-211574](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211574.zip))

(NR\_feMIMO-Core; leading WG: RAN1; REL-17; WID: [RP-212535](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_93e/Docs//RP-212535.zip))

(NR\_SmallData\_INACTIVE-Core, leading WG: RAN2; REL-17; WID: [RP-212594](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_93e/Docs//RP-212594.zip))

(NR\_IIOT\_URLLC\_enh-Core; leading WG: RAN2; REL-17; WID: [RP-210854](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_91e/Docs//RP-210854.zip))

(NR\_MBS-Core; leading WG: RAN2; REL-17; WID: [RP-201038](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_88e/Docs//RP-201038.zip))

(NR\_ENDC\_SON\_MDT\_enh-Core; leading WG: RAN3; REL-17; WID: [RP-201281](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_88e/Docs//RP-201281.zip))

(NR\_NTN\_solutions-Core; leading WG: RAN2; REL-17; WID: [RP-211557](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_92e/Docs//RP-211557.zip))

PRACH partitioning items

NR TEI17: Corrections are accepted. New TEI17 tech proposal requirements: a) authored by an operator (and preferably co-signed by more), AND: b) resolves a concrete problem in the market for this operator (no new vendor initiated enhancements).

Includes Rel-17 Work Items without specific R2 Agenda Item, e.g. RAN1 and RAN4 led items, SA2 and CT1 led items (was previously “Rel-17 Other”)

Includes aspects that does not fit under the more specific AIs, e.g. multi-WI aspects.

Corrections for NR\_NTN\_solutions-Core might be treated in the NTN breakout session.

Tdoc limitation: 4 Tdocs

### 6.1.1 Stage 2 and Organisational

Incoming LSs, etc. You should discuss your stage 2 CRs with the specification rapporteurs before submission. Includes impact to 38.300, 37.340, (36.300 if applicable)

#### 6.1.1.0 In-principle agreed CRs

[R2-2404720](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404720.zip) Clarification on the srs-AntennaSwitchingBeyond4RX-r17 ZTE Corporation, Sanechips CR Rel-17 38.306 17.8.0 1075 1 F NR\_FeMIMO-Core [R2-2403433](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403433.zip)

[R2-2404721](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404721.zip) Clarification on the srs-AntennaSwitchingBeyond4RX-r17 ZTE Corporation, Sanechips CR Rel-18 38.306 18.1.0 1076 1 A NR\_FeMIMO-Core [R2-2403434](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403434.zip)

[R2-2404722](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404722.zip) Correction on the supportedBandwidthDL/UL-v1780 for the NR-DC (r17) ZTE Corporation, Sanechips CR Rel-17 38.306 17.8.0 1077 1 F NR\_BCS4-Core [R2-2403438](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403438.zip)

[R2-2404723](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404723.zip) Correction on the supportedBandwidthDL/UL-v1780 for the NR-DC (r18) ZTE Corporation, Sanechips CR Rel-18 38.306 18.1.0 1078 1 A NR\_BCS4-Core [R2-2403439](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403439.zip)

[R2-2405255](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405255.zip) Introduction of NR UE Rx-Tx time difference measurement in NR UL E-CID Ericsson, Polaris Wireless, China Telecom, NTT Docomo, AT&T, FirstNet, Intel, Comtech, Nokia, Nokia Shanghai Bell, Verizon Wireless, Huawei, ZTE CR Rel-18 38.305 18.1.0 0164 2 F NR\_pos\_enh-Core [R2-2403740](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403740.zip)

#### 6.1.1.1 Other

NTN

[R2-2404404](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404404.zip) Terminology alignment on the types of NR NTN deployment CATT, Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE Corporation, Sanechips CR Rel-17 38.300 17.8.0 0861 - F NR\_NTN\_solutions-Core

[R2-2404405](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404405.zip) Terminology alignment on the types of NR NTN deployment CATT, Nokia, Nokia Shanghai Bell, Ericsson, Huawei, HiSilicon, ZTE Corporation, Sanechips CR Rel-18 38.300 18.1.0 0862 - A NR\_NTN\_solutions-Core

MBS

[R2-2405278](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405278.zip) Reference for User Service Description Nokia (Rapporteur), Ericsson, Xiaomi, Qualcomm Incorporated CR Rel-17 38.300 17.8.0 0865 - F NR\_MBS-Core

[R2-2405279](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405279.zip) Reference for User Service Description Nokia (Rapporteur), Ericsson, Xiaomi, Qualcomm Incorporated CR Rel-18 38.300 18.1.0 0866 - A NR\_MBS-Core

### 6.1.3 Control Plane corrections

#### 6.1.3.0 In Principle Agreed CRs

[R2-2404178](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404178.zip) CEF and RLF reporting for RedCap UEs MediaTek Inc., Qualcomm Incorporated, Nordic Semiconductor ASA, Ericsson CR Rel-17 38.306 17.8.0 1060 1 F NR\_SON\_MDT-Core, NR\_redcap-Core [R2-2402238](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402238.zip)

[R2-2404179](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404179.zip) CEF and RLF reporting for (e)RedCap UEs MediaTek Inc., Qualcomm Incorporated, Nordic Semiconductor ASA, Ericsson CR Rel-18 38.306 18.1.0 1061 1 A NR\_SON\_MDT-Core, NR\_redcap-Core, NR\_redcap\_enh-Core [R2-2402239](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402239.zip)

[R2-2404180](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404180.zip) CEF and RLF reporting for RedCap UEs MediaTek Inc., Qualcomm Incorporated, Nordic Semiconductor ASA, Ericsson CR Rel-17 38.331 17.8.0 4647 1 F NR\_SON\_MDT-Core, NR\_redcap-Core [R2-2402240](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402240.zip)

[R2-2404181](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404181.zip) CEF and RLF reporting for (e)RedCap UEs MediaTek Inc., Qualcomm Incorporated, Nordic Semiconductor ASA, Ericsson CR Rel-18 38.331 18.1.0 4648 1 A NR\_SON\_MDT-Core, NR\_redcap-Core, NR\_redcap\_enh-Core [R2-2402241](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402241.zip)

[R2-2404237](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404237.zip) Correction to PDCP configuration for multicast MRB MediaTek inc. CR Rel-17 38.331 17.8.0 4652 1 F NR\_MBS-Core [R2-2402294](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402294.zip)

[R2-2404239](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404239.zip) Correction to PDCP configuration for multicast MRB MediaTek Inc. CR Rel-18 38.331 18.1.0 4651 1 A NR\_MBS-Core [R2-2402293](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2402293.zip)

[R2-2404698](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404698.zip) Correction on TRS for idle and inactive UEs CATT, Ericsson CR Rel-18 38.300 18.1.0 0836 2 F NR\_UE\_pow\_sav\_enh-Core [R2-2403847](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403847.zip)

[R2-2404845](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404845.zip) Clarification on usage of LEO or NGSO MediaTek Inc. CR Rel-17 38.331 17.8.0 4745 1 F NR\_NTN\_solutions-Core [R2-2403466](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403466.zip)

[R2-2404846](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404846.zip) Clarification on usage of LEO or NGSO MediaTek Inc. CR Rel-18 38.331 18.1.0 4746 1 A NR\_NTN\_solutions-Core [R2-2403467](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403467.zip)

[R2-2404847](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404847.zip) Clarification on usage of LEO or NGSO MediaTek Inc. CR Rel-17 38.306 17.8.0 1082 1 F NR\_NTN\_solutions-Core [R2-2403468](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403468.zip)

[R2-2404848](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404848.zip) Clarification on usage of LEO or NGSO MediaTek Inc. CR Rel-18 38.306 18.1.0 1083 1 A NR\_NTN\_solutions-Core [R2-2403470](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403470.zip)

[R2-2404988](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404988.zip) Clarification on TRS in idle and inactive Ericsson, MediaTek, ZTE, Nokia, Huawei, HiSilicon, Apple, CATT CR Rel-17 38.331 17.8.0 4754 2 F NR\_UE\_pow\_sav\_enh-Core [R2-2403848](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403848.zip)

Moved from 6.1.3.1

[R2-2404989](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404989.zip) Correction on TRS in idle and inactive Ericsson, MediaTek, ZTE, Nokia, Huawei, HiSilicon, Apple, CATT CR Rel-18 38.331 18.1.0 4755 2 F NR\_UE\_pow\_sav\_enh-Core [R2-2403849](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403849.zip)

Moved from 6.1.3.1

[R2-2405717](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405717.zip) Clarification RLM/BFD relaxation and short DRX Ericsson, Nokia, Qualcomm, Huawei, HiSilicon CR Rel-17 38.331 17.8.0 4770 2 F NR\_UE\_pow\_sav\_enh-Core [R2-2404990](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404990.zip)

[R2-2404991](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404991.zip) Clarification RLM/BFD relaxation and short DRX Ericsson, Nokia, Qualcomm, Huawei, HiSilicon CR Rel-18 38.331 18.1.0 4771 1 F NR\_UE\_pow\_sav\_enh-Core [R2-2403863](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403863.zip)

Moved from 6.1.3.1

[R2-2404522](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404522.zip) Correction CR for QoE measurements and conditional handover Ericsson, China Unicom CR Rel-18 38.331 18.1.0 4713 1 F NR\_QoE-Core [R2-2403251](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403251.zip)

Wait to treat in Wednesday session. See paper R2-2405658

Old revisions

[R2-2404990](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404990.zip) Clarification RLM/BFD relaxation and short DRX Ericsson, Nokia, Qualcomm, Huawei, HiSilicon CR Rel-17 38.331 17.8.0 4770 1 F NR\_UE\_pow\_sav\_enh-Core [R2-2403862](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403862.zip)

Moved from 6.1.3.1

#### 6.1.3.1 NR RRC

Corrections to 38331, and related change to other TS if applicable, except UE caps.

QoE

[R2-2405658](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405658.zip) Alternative correction CR for QoE measurements and conditional handover Ericsson discussion Rel-17 NR\_QoE-Core [R2-2404482](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404482.zip)

Wait to treat in Wednesday session

SHR

[R2-2405087](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405087.zip) Adding PCI and ARFCN of target cell for intra-RAT SHR ZTE Corporation, Sanechips, Ericsson, Huawei, CATT, Samsung CR Rel-17 38.331 17.8.0 4811 - F NR\_ENDC\_SON\_MDT\_enh-Core

[R2-2405088](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405088.zip) Adding PCI and ARFCN of target cell for intra-RAT SHR ZTE Corporation, Sanechips, Ericsson, Huawei CR Rel-18 38.331 18.1.0 4812 - A NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405587](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405587.zip) Correction on successful handover report configuration Samsung CR Rel-17 38.331 17.8.0 4845 - F NR\_ENDC\_SON\_MDT\_enh-Core

[R2-2405606](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405606.zip) Correction on successful handover report configuration Samsung CR Rel-18 38.331 18.1.0 4848 - A NR\_ENDC\_SON\_MDT\_enh-Core

Need codes

[R2-2405324](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405324.zip) Correction on the field descriptions of some Need M fields Google CR Rel-17 38.331 17.8.0 4823 - F NR\_unlic-Core, 5G\_V2X\_NRSL-Core, NR\_IIOT-Core, NR\_SON\_MDT-Core, NR\_ENDC\_SON\_MDT\_enh-Core

[R2-2405327](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405327.zip) Correction on the field descriptions of some Need M fields Google Inc. CR Rel-18 38.331 18.1.0 4824 - A NR\_unlic-Core, 5G\_V2X\_NRSL-Core, NR\_IIOT-Core, NR\_SON\_MDT-Core, NR\_ENDC\_SON\_MDT\_enh-Core

RLF report

[R2-2405089](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405089.zip) Misclassification of RLF reports as Too Early HO failure Ericsson CR Rel-17 38.331 17.8.0 4813 - F NR\_ENDC\_SON\_MDT\_enh-Core

[R2-2405090](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405090.zip) Misclassification of RLF reports as Too Early HO failure Ericsson CR Rel-18 38.331 18.1.0 4814 - A NR\_ENDC\_SON\_MDT\_enh2-Core

SDT – Pathloss reference RSRP

[R2-2405485](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405485.zip) Xiaomi CR Rel-17 38.331 17.8.0 4839 - F NR\_SmallData\_INACTIVE-Core

[R2-2405486](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405486.zip) Xiaomi CR Rel-18 38.331 18.1.0 4840 - A NR\_SmallData\_INACTIVE-Core

SDT and MBS

[R2-2405503](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405503.zip) Prioritization of SDT unicast over MBS broadcast Samsung, CATT, Nokia, LG Electronics Inc. CR Rel-17 38.331 17.8.0 4842 - F NR\_MBS-Core, NR\_SmallData\_INACTIVE-Core

NTN terminology

[R2-2405714](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_126/Docs//R2-2405714.zip) Terminology alignment for NR NTN Ericsson, ZTE Corporation, Sanechips, Intel Corporation, CATT, Huawei, HiSilicon, Nokia, Nokia Shanghai Bell CR Rel-17 38.331 17.8.0 4836 1 F NR\_NTN\_solutions-Core

Moved from 7.7.1

[R2-2405751](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_126/Docs//R2-2405751.zip) Terminology alignment for NR NTN Ericsson, ZTE Corporation, Sanechips, Intel Corporation, CATT, Huawei, HiSilicon, Nokia, Nokia Shanghai Bell CR Rel-18 38.331 18.1.0 4837 2 A NR\_NTN\_enh-Core

RA paritioning – Empty feature combination

[R2-2404965](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404965.zip) Correction on when featureCombination is empty Ericsson CR Rel-17 38.331 17.8.0 4801 - F NR\_redcap-Core, NR\_SmallData\_INACTIVE-Core, NR\_cov\_enh-Core, NR\_slice-Core

[R2-2404966](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404966.zip) Correction on when featureCombination is empty Ericsson CR Rel-18 38.331 18.1.0 4802 - A NR\_redcap-Core, NR\_SmallData\_INACTIVE-Core, NR\_cov\_enh-Core, NR\_slice-Core

Wait to treat in Wednesday session

RA paritioning – RACH-ConfigCommon

[R2-2405052](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405052.zip) Clarification on RACH-ConfigCommon for PDCCH order based CFRA and SI request ZTE Corporation, Samsung CR Rel-17 38.331 17.8.0 4807 - F NR\_redcap-Core

Wait to treat in Wednesday session

[R2-2405053](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405053.zip) Correction on RACH-ConfigCommon for PDCCH order based CFRA and SI request ZTE Corporation, Samsung CR Rel-18 38.331 18.1.0 4808 - F NR\_redcap-Core, NR\_cov\_enh2, NR\_redcap\_enh

RA partitioning - RedCap

[R2-2405559](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405559.zip) Correction on the RACH resource selection for Msg1 based SI request Xiaomi CR Rel-17 38.331 17.8.0 4844 - F NR\_redcap-Core

Wait to treat in Wednesday session

Misc

[R2-2404784](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404784.zip) Miscellaneous non-controversial corrections Set XXI Ericsson CR Rel-15 38.331 15.25.0 4797 - F NR\_newRAT-Core Late

[R2-2404785](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404785.zip) Miscellaneous non-controversial corrections Set XXI Ericsson CR Rel-16 38.331 16.16.0 4798 - F NR\_newRAT-Core Late

[R2-2404786](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404786.zip) Miscellaneous non-controversial corrections Set XXI Ericsson CR Rel-17 38.331 17.8.0 4718 1 F NR\_newRAT-Core [R2-2403331](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403331.zip)

[R2-2404787](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404787.zip) Miscellaneous non-controversial corrections Set XXI Ericsson CR Rel-18 38.331 18.1.0 4799 - F NR\_newRAT-Core

Withdrawn and old revisions

[R2-2404737](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404737.zip) Correction of gNB identity derivation in NPN-only cells Nokia CR Rel-17 38.331 17.8.0 4789 - F TEI17 Late

[R2-2404738](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404738.zip) Correction of gNB identity derivation in NPN-only cells Nokia CR Rel-18 38.331 18.1.0 4790 - A TEI17 Late

[R2-2405599](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405599.zip) Correction on successful handover report configuration Samsung CR Rel-18 38.331 18.1.0 4846 - A NR\_ENDC\_SON\_MDT\_enh-Core Withdrawn

[R2-2404482](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404482.zip) Alternative correction CR for QoE measurements and conditional handover Ericsson discussion Rel-17 NR\_QoE-Core Revised

#### 6.1.3.2 UE capabilities

UE cap corrections 38306, 38331.

Parallel Tx capability

[R2-2404110](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404110.zip) Reply LS on Parallel Tx Capability ([R1-2403619](https://www.3gpp.org/ftp//tsg_ran/WG1_RL1/TSGR1_116b/Docs//R1-2403619.zip); contact: ZTE) RAN1 LS in Rel-17 TEI17, NR\_newRAT-Core, NR\_2step\_RACH, NR\_IIOT\_URLLC\_enh To:RAN2

NTN terminology

[R2-2404531](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404531.zip) Terminology alignment for NR NTN Intel Corporation, Ericsson, ZTE Corporation, Sanechips, Huawei, HiSilicon CR Rel-17 38.306 17.8.0 1098 - F NR\_NTN\_solutions-Core

[R2-2404532](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404532.zip) Terminology alignment for NR NTN Intel Corporation, Ericsson, ZTE Corporation, Sanechips, Huawei, HiSilicon CR Rel-18 38.306 18.1.0 1099 - A NR\_NTN\_solutions-Core, NR\_NTN\_enh-Core

BSC5 clarification

[R2-2404553](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404553.zip) Correction to BCS5 bandwidth capabilities Nokia, Qualcomm Incorporated, ZTE Corporation, Sanechips, Huawei, HiSilicon, Ericsson CR Rel-17 38.306 17.8.0 1080 1 F NR\_BCS4-Core [R2-2403450](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403450.zip)

[R2-2404554](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404554.zip) Correction to BCS5 bandwidth capabilities Nokia, Qualcomm Incorporated, ZTE Corporation, Sanechips, Huawei, HiSilicon, Ericsson CR Rel-18 38.306 18.1.0 1081 1 A NR\_BCS4-Core [R2-2403451](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403451.zip)

Internode signalling for max agg BW

[R2-2404747](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404747.zip) Introduction of Inter-node Coordination on the Aggregated Bandwidth for the NR-DC (r17) ZTE Corporation, Sanechips,Ericsson,Nokia,Huawei, HiSilicon CR Rel-17 38.331 17.8.0 4735 2 F NR\_BCS4-Core [R2-2403983](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403983.zip)

[R2-2404748](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404748.zip) Introduction of Inter-node Coordination on the Aggregated Bandwidth for the NR-DC (r18) ZTE Corporation, Sanechips,Ericsson,Nokia,Huawei, HiSilicon CR Rel-18 38.331 18.1.0 4736 2 A NR\_BCS4-Core [R2-2403984](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403984.zip)

mux-HARQ-ACK-withoutPUCCH-onPUSCH

[R2-2404120](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404120.zip) LS on the capability mux-HARQ-ACK-withoutPUCCH-onPUSCH-r16 ([R1-2403760](https://www.3gpp.org/ftp//tsg_ran/WG1_RL1/TSGR1_116b/Docs//R1-2403760.zip); contact: MediaTek) RAN1 LS in Rel-17 TEI17, NR\_newRAT-Core To:RAN2

Moved from 6.1.1

[R2-2405006](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405006.zip) Mandating the capability mux-HARQ-ACK-withoutPUCCH-onPUSCH-r16 MediaTek Inc., Ericsson CR Rel-17 38.306 17.8.0 1112 - F TEI17, NR\_newRAT-Core

[R2-2405007](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405007.zip) Mandating the capability mux-HARQ-ACK-withoutPUCCH-onPUSCH-r16 MediaTek Inc., Ericsson CR Rel-18 38.306 18.1.0 1113 - F TEI18, NR\_newRAT-Core

[R2-2405008](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405008.zip) [DRAFT] Reply LS on the capability mux-HARQ-ACK-withoutPUCCH-onPUSCH-r16 MediaTek Inc. LS out Rel-17 TEI17, NR\_newRAT-Core To:RAN1

EN-DC band combos

[R2-2405379](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405379.zip) Introduction of new intra-band EN-DC capabilities for inter-band EN-DC Google Inc., CATT CR Rel-17 38.331 17.8.0 4750 2 F NR\_newRAT-Core [R2-2403842](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403842.zip)

[R2-2405381](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405381.zip) Introduction of new intra-band EN-DC capabilities for inter-band EN-DC Google Inc., CATT CR Rel-17 38.306 17.8.0 1084 2 F NR\_newRAT-Core [R2-2403843](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403843.zip)

[R2-2405471](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405471.zip) Introduction of new intra-band EN-DC capabilities for inter-band EN-DC Google Inc., CATT CR Rel-18 38.331 18.1.0 4751 2 A NR\_newRAT-Core [R2-2403518](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403518.zip)

[R2-2405474](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405474.zip) Introduction of new intra-band EN-DC capabilities for inter-band EN-DC Google Inc., CATT CR Rel-18 38.306 18.1.0 1085 2 A NR\_newRAT-Core [R2-2403523](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403523.zip)

[R2-2405479](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405479.zip) Draft Reply LS on IE supportedBandwidthCombinationSetIntraENDC and IE intraBandENDC-Support Google Inc. LS out TEI17 To:RAN4

SRS carrier switching

[R2-2405509](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405509.zip) Clarification on srs-SwitchingAffectedBandsListNR Huawei, HiSilicon CR Rel-17 38.306 17.8.0 1120 - F TEI17

[R2-2405510](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405510.zip) Clarification on srs-SwitchingAffectedBandsListNR Huawei, HiSilicon CR Rel-18 38.306 18.1.0 1121 - A TEI17

Channel Raster

[R2-2404794](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404794.zip) Support of Enhanced channel raster by (e)RedCap UE Ericsson discussion Rel-17 NR\_redcap-Core

Misc

[R2-2404530](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404530.zip) Miscellaneous non-controversial rapporteur corrections Intel Corporation CR Rel-17 38.306 17.8.0 1097 - F NR\_newRAT-Core, NR\_eMIMO-Core, NR\_unlic-Perf, 5G\_V2X\_NRSL-Core, NR\_IIOT\_URLLC\_enh-Core, NR\_pos\_enh-Core, NR\_cov\_enh-Core, NR\_FeMIMO-Core, NR\_ext\_to\_71GHz-Core, NR\_MBS-Core, NR\_demod\_enh2-Perf, NR\_SL\_enh-Core

#### 6.1.3.3 Other

Including idle and inactive behaviour specified in 38.304 or 36.304.

MBS

[R2-2405280](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405280.zip) Reference for User Service Description Nokia, Ericsson, Xiaomi, Qualcomm Incorporated CR Rel-17 38.304 17.8.0 0404 - F NR\_MBS-Core

[R2-2405281](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405281.zip) Reference for User Service Description Nokia, Ericsson, Xiaomi, Qualcomm Incorporated CR Rel-18 38.304 18.1.0 0405 - A NR\_MBS-Core

Misc

[R2-2405457](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405457.zip) Miscellaneous Corrections (Rapporteur) Qualcomm Incorporated, Nokia, CATT CR Rel-17 38.304 17.8.0 0406 - F NR\_UE\_pow\_sav\_enh-Core, NR\_redcap-Core

[R2-2405459](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405459.zip) Miscellaneous Corrections (Rapporteur) Qualcomm Incorporated, Ericsson, Nokia, CATT CR Rel-18 38.304 18.1.0 0407 - F NR\_UE\_pow\_sav\_enh-Core, NR\_redcap-Core, NR\_UAV-Core

# 7 Rel-18

## 7.13 Further enhancement of data collection for SON MDT in NR and EN-DC

(NR\_ENDC\_SON\_MDT\_enh2-Core; leading WG: RAN3; REL-18; WID: [RP-221825](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_96/Docs//RP-221825.zip))

Includes LS in’s related to AI/ML for NG-RAN

WI is declared 100% complete

Time budget: 0 TU

Tdoc Limitation: 1 tdocs ?

### 7.13.1 Organizational

Ls in and Rapporteur input. WI/Spec Rapporteur(s) are invited to provide updated open issues lists that need to be handled.

[R2-2405091](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405091.zip) Corrections to 38331 for Rel-18 SONMDT Ericsson CR Rel-18 38.331 18.1.0 4815 - F NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405092](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405092.zip) RIL list for SON Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405343](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405343.zip) WI RIL list for 36.331 for R18 SONMDT Huawei, HiSilicon discussion NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405344](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405344.zip) Corrections to TS 36.331 for R18 SONMDT Huawei, HiSilicon CR Rel-18 36.331 18.1.0 5022 - F NR\_ENDC\_SON\_MDT\_enh2-Core

### 7.13.2 Papers related to RILs

[R2-2404947](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404947.zip) [C307] Discussion on remaining issue on fast MCG recovery CATT,Fujitsu, Ericsson discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405093](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405093.zip) Addressing SONMDT RILs and miscellaneous corrections Ericsson discussion NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405166](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405166.zip) [S524] Handling SPR configuration during CHO/LTM based recovery Samsung discussion

[R2-2405557](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405557.zip) [J041][J042]RILs for fast MCG recovery MRO SHARP Corporation discussion

Sharp disagrees with “rapporteur” about that the target for the fast MCG recovery will be stored.

[R2-2405085](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405085.zip) Consideration on SON/MDT remaining issues ZTE Corporation, Sanechips discussion Rel-18 NR\_ENDC\_SON\_MDT\_enh2-Core

### 7.13.3 Other

[R2-2404736](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404736.zip) Correction of availability indication of logged MDT report for SNPN Nokia CR Rel-18 37.320 18.1.0 0132 - F NR\_ENDC\_SON\_MDT\_enh2-Core

[R2-2405345](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405345.zip) Discussion on stage-2 issues for R18 SONMDT Huawei, HiSilicon discussion NR\_ENDC\_SON\_MDT\_enh2-Core

## 7.16 Void

## 7.19 Enhanced support of reduced capability NR devices

(NR\_redcap\_enh-Core; leading WG: RAN1; REL-18; WID: [RP-232671](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_101/Docs//RP-232671.zip))

WI is declared 100% complete

Time budget: 0 TU

Tdoc Limitation: 1 Tdocs

### 7.19.1 Organizational

Incoming LSs, CR rapporteur’s miscellaneous non-controversial corrections, etc.

LSs

[R2-2404113](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404113.zip) Reply LS on 2-step RACH for eRedCap ([R1-2403646](https://www.3gpp.org/ftp//tsg_ran/WG1_RL1/TSGR1_116b/Docs//R1-2403646.zip); contact: Ericsson) RAN1 LS in Rel-18 NR\_redcap\_enh-Core To:RAN2

[R2-2404135](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404135.zip) Reply LS on Rel-18 RedCap enhancements to address remaining ENs in TS 23.502 ([S2-2405421](https://www.3gpp.org/ftp//tsg_sa/WG2_Arch/TSGS2_161_Athens_2024-02/Docs//S2-2405421.zip); contact: Huawei) SA2 LS in Rel-18 NR\_redcap\_enh-Core To:RAN2, RAN3, CT1 Cc:CT4

Misc

[R2-2404240](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404240.zip) Miscellaneous corrections on TS 38.304 for eRedCap Huawei, HiSilicon CR Rel-18 38.304 18.1.0 0401 - F NR\_redcap\_enh-Core

[R2-2404443](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404443.zip) Miscellaneous corrections on TS 38.321 for eRedCap vivo (Rapporteur) CR Rel-18 38.321 18.1.0 1835 - F NR\_redcap\_enh-Core

[R2-2405318](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405318.zip) Miscellaneous corrections for eRedCap Ericsson CR Rel-18 38.331 18.1.0 4729 2 F NR\_redcap\_enh-Core [R2-2403861](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403861.zip)

[R2-2405319](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405319.zip) RIL List for eRedCap - after RAN2#125bis Ericsson discussion Rel-18 NR\_redcap\_enh-Core [R2-2403397](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403397.zip)

### 7.19.2 Papers related to RILs

Papers related to identified RILs

[R2-2404431](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404431.zip) Clarification on RIL V179 for eRedcap and proposed TP to RRC Xiaomi Communications discussion

### 7.19.3 Other

*Critical corrections, if any.*

2-step for eRedCap

[R2-2404241](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404241.zip) Discussion on 2-step RACH for eRedCap Huawei, HiSilicon discussion Rel-18 NR\_redcap\_enh-Core

[R2-2405071](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405071.zip) 2-step RACH for eRedCap NEC discussion Rel-18 NR\_redcap\_enh-Core

[R2-2404444](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404444.zip) Discussion on remaining issues for eRedCap vivo, Guangdong Genius discussion Rel-18 NR\_redcap\_enh-Core

[R2-2404901](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404901.zip) MAC corrections for supporting 2-step RACH for eRedCap ZTE Corporation, Sanechips discussion Rel-18 NR\_redcap\_enh-Core

[R2-2405326](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405326.zip) Discussion on 2-step RA for eRedCap UEs Ericsson discussion Rel-18 NR\_redcap\_enh-Core

[R2-2405333](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405333.zip) Draft LS reply on 2-step RA for eRedCap Ericsson LS out Rel-18 NR\_redcap\_enh-Core To:RAN1

CFRA for eRedCap

[R2-2405540](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405540.zip) On CFRA procedure for eRedCap UE LG Electronics Inc., Xiaomi discussion Rel-18 NR\_redcap\_enh-Core

[R2-2404515](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404515.zip) RA issues on eRedCap Nokia discussion NR\_redcap\_enh-Core

Focus on P2.

Barring

[R2-2404471](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404471.zip) Correction on (e)Redcap 1 Rx and 2 Rx barring Nokia CR Rel-18 38.331 18.1.0 4632 3 F NR\_redcap-Core, NR\_redcap\_enh-Core [R2-2403841](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2403841.zip)

## 8.10 SON MDT Ph4

(NR\_ENDC\_SON\_MDT\_Ph4-Core; leading WG: RAN3; REL-19; WID: [RP-234038](https://www.3gpp.org/ftp//tsg_ran/TSG_RAN/TSGR_102/Docs//RP-234038.zip))

Time budget: 0.5 TU

Tdoc Limitation: 2 tdocs

### 8.10.1 Organizational

LS, Rapporteur input, including workplan, etc.

LS

[R2-2404122](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404122.zip) LS on support of MRO for MR-DC SCG failure ([R3-242195](https://www.3gpp.org/ftp//tsg_ran/WG3_Iu/TSGR3_123-bis/Docs//R3-242195.zip); contact: ZTE) RAN3 LS in Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core To:RAN2

Workplan

[R2-2405631](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405631.zip) Workplan for Rel-19 SON\_MDT Enhancement China Unicom Work Plan NR\_ENDC\_SON\_MDT\_Ph4-Core

### 8.10.2 MRO enhancements for Rel-18 mobility features

LTM, CHO with candidate SCGs, subsequent CPAC

Subsequent CPAC

[R2-2404875](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404875.zip) MRO for CHO with candidate SCG(s) and SCPAC NEC discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

CHO with candidate SCG

[R2-2404734](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404734.zip) MRO for CHO with candidate SCG Nokia discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404814](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404814.zip) Discussion on MRO for R18 mobility Lenovo discussion Rel-19

LTM

[R2-2405094](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405094.zip) SON support for MRO Ericsson discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404952](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404952.zip) Discussion on MRO Enhancements for Mobility CATT discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404977](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404977.zip) MRO for Rel-18 mobility ZTE, Sanechips discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405018](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405018.zip) Discussion on MRO enhancements for R18 mobility features CMCC discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405298](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405298.zip) SON/MDT reports for LTM Kyocera discussion

[R2-2405334](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405334.zip) MRO enhancement for Rel-18 mobility Huawei, HiSilicon discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405430](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405430.zip) Discussion on random access report for LTM ASUSTeK discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405538](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405538.zip) Failure and Near failure cases for CHO with Candidate SCGs LG Electronics discussion Rel-18 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405539](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405539.zip) SHR for MCG LTM LG Electronics discussion Rel-18 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405569](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405569.zip) Discussion on MRO enhancement for R18 mobility features SHARP Corporation discussion

[R2-2405580](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405580.zip) MRO enhancement for SON and MDT Qualcomm Incorporated discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405632](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405632.zip) Discussion on MRO enhancement for mobility China Unicom discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405150](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405150.zip) MRO enhancements for Rel-18 mobility features Samsung discussion

[R2-2404311](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404311.zip) MRO for Rel-18 mobility features vivo discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404356](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404356.zip) Discussion on MCG LTM MRO enhancement Fujitsu discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404867](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404867.zip) Discussion on the MRO enhancements for R18 mobility features Beijing Xiaomi Software Tech discussion Rel-19

[R2-2404874](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404874.zip) MRO enhancements for LTM NEC discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404735](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404735.zip) MRO for LTM Nokia discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

### 8.10.3 SON/MDT for Slicing

No contributions are expected and this AI will not be treated in RAN2#126, in wait for RAN3 progresses

### 8.10.4 SON/MDT for NTN

No contributions are expected and this AI will not be treated in RAN2#126, in wait for RAN3 progresses

### 8.10.5 Leftovers from Rel-18

RACH optimization for SDT, MHI Enhancement for SCG Deactivation/Activation, MRO for MR-DC SCG failure

SDT

[R2-2405633](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405633.zip) Discussion on RACH optimization for SDT China Unicom discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404953](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404953.zip) Consideration on leftovers from Rel-18 SONMDT CATT discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

Focus on P1-P5

MHI

[R2-2405019](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405019.zip) MHI Enhancement for SCG Deactivation/Activation CMCC, CATT, Ericsson, ZTE, Huawei, HiSilicon discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

SCG failure

[R2-2404978](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404978.zip) Rel-18 leftovers for SON MDT ZTE, Sanechips discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

Focus on P5 and P6

[R2-2405335](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405335.zip) Discussion on support of the Rel-18 leftovers Huawei, HiSilicon discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

Focus on P5

[R2-2405164](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405164.zip) SON/MDT enhancements for leftover topics from R18 Samsung discussion

[R2-2405581](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405581.zip) SON and MDT Rel-18 leftover issues Qualcomm Incorporated discussion NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2405668](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405668.zip) On Rel.18 leftovers Ericsson discussion

[R2-2405560](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2405560.zip) Discussion on RACH enhancement for SDT SHARP Corporation discussion

[R2-2404312](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404312.zip) RACH optimization for SDT vivo discussion Rel-19 NR\_ENDC\_SON\_MDT\_Ph4-Core

[R2-2404815](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404815.zip) Discussion on MRO for MR-DC SCG failure Lenovo discussion Rel-19

[R2-2404868](https://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_125bis/Docs//R2-2404868.zip) Discussion on the RACH optimization for SDT Beijing Xiaomi Software Tech discussion Rel-19

# Summary

**Email discussions:**

[ [AT126][750] Organizational – Maintenance and eRedCap (Ericsson)](#_Toc166845505)

[ [AT126][75X][WI-code] Template (Company)](#_Toc166845506)

**Comebacks:**

No table of figures entries found.

# Note to self (For Mattias)

**Tdoc number assignment (to be allocated by Mattias):**

R2-2405801

R2-2405802

R2-2405803

R2-2405804

R2-2405805

R2-2405806

R2-2405807

R2-2405808

R2-2405809

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R2-2405844

R2-2405845

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R2-2405847

R2-2405848

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R2-2405850

**Templates:**

* [AT126][75X][WI-code] Template (Company)

Scope:

* + - Discuss and conclude …

      Intended outcome:

* + - Agreeable CR in R2-23xxxxx (Company)
    - Approvable LS in R2-23xxxxx (Company)

     Deadline:

* + - Friday morning session