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

Fukuoka, Japan, 20-26 May 2024

Source: Session Chair (MediaTek)

Title: Report from session on positioning and sidelink relay

# At-meeting email/offline discussions

This subclause is not an agenda item. It documents the email and offline discussions scheduled during the meeting week. It will be moved to an Annex in the final version of the report.

* [AT126][401][POS] Rel-15 LTE positioning CR (Huawei)

 Scope: Check the CR in R2-2404749 (and mirrors in R2-2404750 / R2-2404751 / R2-2404752).

 Intended outcome: Agreed CRs (without CB if possible)

 Deadline: Thursday 2024-05-23 1000 JST

# 4 EUTRA Rel-17 and earlier

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

## 4.4 Positioning corrections Rel-16 and earlier

(LTE\_NavIC-Core, LTE TEI16 Positioning), REL-15 and Earlier WIs related to positioning are in scope but not listed explicitly (long list).

This Agenda Item will be handled by email.

Tdoc Limitation: 1 tdoc

R2-2404749 Correction to mandatory 80ms scheduling offset for positioning SI acquisition Huawei, HiSilicon, Ericsson CR Rel-15 36.306 15.11.0 1885 - F LCS\_LTE\_acc\_enh-Core

[R2-2404750](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404750%20Correction%20to%20mandatory%2080ms%20scheudling%20offset%20for%20positioning%20SI%20acquisition_r16.docx) Correction to mandatory 80ms scheduling offset for positioning SI acquisition Huawei, HiSilicon, Ericsson CR Rel-16 36.306 16.12.0 1886 - A LCS\_LTE\_acc\_enh-Core

[R2-2404751](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404751%20Correction%20to%20mandatory%2080ms%20scheudling%20offset%20for%20positioning%20SI%20acquisition_r17.docx) Correction to mandatory 80ms scheduling offset for positioning SI acquisition Huawei, HiSilicon, Ericsson CR Rel-17 36.306 17.6.0 1887 - A LCS\_LTE\_acc\_enh-Core

[R2-2404752](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404752%20Correction%20to%20mandatory%2080ms%20scheudling%20offset%20for%20positioning%20SI%20acquisition_r18.docx) Correction to mandatory 80ms scheduling offset for positioning SI acquisition Huawei, HiSilicon, Ericsson CR Rel-18 36.306 18.1.0 1888 - A LCS\_LTE\_acc\_enh-Core

* [AT126][401][POS] Rel-15 LTE positioning CR (Huawei)

 Scope: Check the CR in R2-2404749 (and mirrors in R2-2404750 / R2-2404751 / R2-2404752).

 Intended outcome: Agreed CRs (without CB if possible)

 Deadline: Thursday 2024-05-23 1000 JST

# 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

## 5.3 NR Positioning Support

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

(NR\_pos-Core; leading WG: RAN1; REL-16; started: Mar 19; target; Jun 20; WID: [RP-200218](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_87e/Docs/RP-200218.zip)).

(NR TEI16 Positioning)

Stage 2 corrections shall be discussed with the specification rapporteur (Sven Fischer sfischer@qti.qualcomm.com) before submission. Stage 2 CRs not discussed with the specification rapporteur will not be treated.

Tdoc Limitation: 1 tdoc

AIP CRs

[R2-2405252](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405252%20capFRel16.docx) 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

* Revised in R2-2405854

[R2-2405854](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405854.docx) 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 3 F NR\_pos-Core R2-2403797

[R2-2405251](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405251%20capARel17.docx) 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

* Revised in R2-2405853

[R2-2405853](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405853.docx) 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 3 A NR\_pos-Core R2-2403798

[R2-2405250](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405250%20capARel18.docx) 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

* Revised in R2-2405852

[R2-2405852](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405852.docx) 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 3 A NR\_pos-Core R2-2403799

Other documents

R2-2404753 Correction to Positioning SRS Configuration Huawei, HiSilicon CR Rel-16 38.331 16.16.0 4791 - F NR\_pos-Core

[R2-2404754](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404754%20Correction%20to%20Positioning%20SRS%20configuration-r17.docx) Correction to Positioning SRS configuration Huawei, HiSilicon CR Rel-17 38.331 17.8.0 4792 - A NR\_pos-Core

[R2-2404755](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404755%20Correction%20to%20Positioning%20SRS%20configuration-r18.docx) Correction to Positioning SRS configuration Huawei, HiSilicon CR Rel-18 38.331 18.1.0 4793 - A NR\_pos-Core

[R2-2405104](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405104.docx) Corrections on the prerequisite feature groups of NR-Multi-RTT-MeasurementCapability Xiaomi CR Rel-16 37.355 16.13.0 0505 - F NR\_pos-Core

[R2-2405105](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405105.docx) Corrections on the prerequisite feature groups of NR-Multi-RTT-MeasurementCapability Xiaomi CR Rel-17 37.355 17.8.0 0506 - A NR\_pos-Core

[R2-2405106](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405106.docx) Corrections on the prerequisite feature groups of NR-Multi-RTT-MeasurementCapability Xiaomi CR Rel-18 37.355 18.1.0 0507 - A NR\_pos-Core

[R2-2405574](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405574%20OAMF.docx) OAM solution for the provisioning PRS Assistance Data to LMF Ericsson CR Rel-16 38.305 16.10.0 0169 - F NR\_pos-Core

[R2-2405573](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405573%20OAMA.docx) OAM solution for the provisioning PRS Assistance Data to LMF Ericsson CR Rel-17 38.305 17.7.0 0168 - A NR\_pos-Core

[R2-2405572](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405572%20OAMAA.docx) OAM solution for the provisioning PRS Assistance Data to LMF Ericsson CR Rel-18 38.305 18.1.0 0167 - A NR\_pos-Core

# 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.

## 6.2 NR Sidelink relay

(NR\_SL\_Relay-Core; leading WG: RAN2; REL-17; WID: [RP-212601](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_93e/Docs/RP-212601.zip))

Tdoc Limitation: 1 tdoc

AIP CRs

[R2-2405365](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405365%20Miscellaneous%20RRC%20corrections%20for%20SL%20relay%20%28Rel-17%29.docx) Miscellaneous RRC corrections for SL relay Huawei, HiSilicon CR Rel-17 38.331 17.8.0 4682 2 F NR\_SL\_relay-Core R2-2403800

[R2-2405366](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405366%20Miscellaneous%20RRC%20corrections%20for%20SL%20relay%20%28Rel-18%29.docx) Miscellaneous RRC corrections for SL relay Huawei, HiSilicon CR Rel-18 38.331 18.1.0 4683 2 A NR\_SL\_relay-Core R2-2403801

[R2-2405408](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2405408.zip) Correction on SidelinkUEInformationNR Philips International B.V. CR Rel-17 38.331 17.8.0 4731 1 F NR\_SL\_relay-Core R2-2403398

[R2-2405412](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2405412.zip) Correction on SidelinkUEInformationNR Philips International B.V. CR Rel-18 38.331 18.1.0 4732 1 A NR\_SL\_relay-Core R2-2403400

Other documents

R2-2405349 Corrections for sidelink UE Information ZTE, Sanechips CR Rel-17 38.331 17.8.0 4828 - F NR\_SL\_relay-Core

[R2-2405350](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405350%20Corrections%20for%20sidelink%20UE%20information-r18.docx) Corrections for sidelink UE Information ZTE, Sanechips CR Rel-18 38.331 18.1.0 4829 - A NR\_SL\_relay-Core

[R2-2405363](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405363%20Clarification%20to%20s-MeasConfig%20for%20L2%20U2N%20relay%20case%20%28Rel-17%29.docx) Clarification to s-MeasConfig for L2 U2N relay case Huawei, HiSilicon, Sharp, CATT, LG CR Rel-17 38.331 17.8.0 4830 - F NR\_SL\_relay-Core

[R2-2405364](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405364%20Clarification%20to%20s-MeasConfig%20for%20L2%20U2N%20relay%20case%20%28Rel-18%29.docx) Clarification to s-MeasConfig for L2 U2N relay case Huawei, HiSilicon, Sharp, CATT, LG CR Rel-18 38.331 18.1.0 4831 - A NR\_SL\_relay-Core

## 6.4 NR positioning enhancements

(NR\_pos\_enh-Core; leading WG: RAN1; REL-17; WID: [RP-210903](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_91e/Docs/RP-210903.zip))

Tdoc Limitation: 1 tdoc

AIP CR

[R2-2405255](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405255%20ECID.docx) 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

Other documents

[R2-2404625](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404625%20Correction%20on%20SP%20SRS%20activation%20deactivation%20MAC%20CE%28R17%29.docx) Correction on SP SRS activation/deactivation MAC CE ZTE Corporation CR Rel-17 38.321 17.8.0 1840 - F NR\_pos\_enh-Core

[R2-2404626](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404626%20Correction%20on%20SP%20SRS%20activation%20deactivation%20MAC%20CE%28R18%29.docx) Correction on SP SRS activation deactivation MAC CE(R18) ZTE Corporation CR Rel-18 38.321 18.1.0 1841 - F NR\_pos\_enh-Core

[R2-2404756](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404756%20Correction%20on%20the%20UL%20TEG%20report%20for%20R17.docx) Correction on the UL TEG report Huawei, HiSilicon, Ericsson CR Rel-17 38.331 17.8.0 4794 - F NR\_pos\_enh-Core

[R2-2404757](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404757%20Correction%20on%20the%20UL%20TEG%20report%20for%20R18.docx) Correction on the UL TEG report Huawei, HiSilicon, Ericsson CR Rel-18 38.331 18.1.0 4795 - A NR\_pos\_enh-Core

[R2-2405282](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405282%2037355%20Corrections%20REL-17.docx) Corrections to NR-On-Demand-DL-PRS-Information IE and ten-ms-unit-ResponseTime capability Nokia CR Rel-17 37.355 17.8.0 0508 - F NR\_pos\_enh-Core

[R2-2405283](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405283%2037355%20Corrections%20REL-18.docx) Corrections to NR-On-Demand-DL-PRS-Information IE and ten-ms-unit-ResponseTime capability Nokia CR Rel-18 37.355 18.1.0 0509 - A NR\_pos\_enh-Core

[R2-2405405](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2405405.zip) Correction on posSIB(s) acquisition [SI-SCHEDULING] Philips International B.V., Ericsson CR Rel-17 38.331 17.8.0 4467 2 F NR\_pos\_enh-Core R2-2403387

[R2-2405406](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2405406.zip) Correction on posSIB(s) acquisition [SI-SCHEDULING] Philips International B.V., Ericsson CR Rel-18 38.331 18.1.0 4725 1 A NR\_pos\_enh-Core R2-2403388

[R2-2405570](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405570%20MACF.docx) Correction of when to stop the triggered SR for positioning measurement gap activation/deactivation Ericsson, vivo CR Rel-17 38.321 17.8.0 1871 - F NR\_pos\_enh-Core

[R2-2405571](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405571%20MACA.docx) Correction of when to stop the triggered SR for positioning measurement gap activation/deactivation Ericsson, vivo CR Rel-18 38.321 18.1.0 1872 - A NR\_pos\_enh-Core

Withdrawn/Not available

R2-2404617 Correction on SP SRS activation deactivation MAC CE(R17) ZTE Corporation draftCR Rel-17 38.321 17.8.0 F NR\_pos\_enh-Core Withdrawn

R2-2404618 Correction on SP SRS activation deactivation MAC CE(R18) ZTE Corporation draftCR Rel-18 38.321 18.1.0 F NR\_pos\_enh-Core Withdrawn

R2-2405608 Correction on internode message for posSRS in RRC\_INACTIVE Huawei, HiSilicon CR Rel-17 38.331 17.8.0 4849 - F NR\_pos\_enh-Core Withdrawn

R2-2405609 Correction on internode message for posSRS in RRC\_INACTIVE Huawei, HiSilicon CR Rel-18 38.331 18.1.0 4850 - A NR\_pos\_enh-Core Withdrawn

# 7 Rel-18

## 7.2 Expanded and improved NR positioning

(NR\_pos\_enh2; leading WG: RAN1; REL-18; WID: [RP-232670](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_101/Docs/RP-232670.zip))

Time budget: 0 TU

Tdoc Limitation: 3 tdocs

### 7.2.1 Organizational

Including incoming LSs and rapporteur inputs. CR rapporteurs are asked to continue maintaining an open issues list reflecting known issues to be handled during the maintenance phase.

Incoming LSs with RAN2 in Cc:

[R2-2404105](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404105_R1-2403539.docx) Reply LS on SRS BW aggregation impact on other channels/signals (R1-2403539; contact: Huawei) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN4 Cc:RAN2, RAN3

[R2-2404140](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2404140.zip) LS reply on LCS user plane connection binding to the UE (S2-2405797; contact: CATT) SA2 LS in Rel-18 5G\_eLCS\_Ph3 To:CT1 Cc:CT4, RAN2

Incoming LSs with “take into account” action and no related document

[R2-2404107](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404107_R1-2403577.docx) LS on UE’s reporting SL PRS CBR measurement to gNB (R1-2403577; contact: Qualcomm) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN2

[R2-2404118](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404118_R1-2403732.docx) LS on the dci-FormatsSL and DCI format 3\_2 (R1-2403732; contact: Qualcomm) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN2

Other incoming LSs and related documents

R2-2404104 Reply LS on positioning MAC agreements (R1-2403536; contact: Huawel) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN2

[R2-2404111](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404111_R1-2403622.doc) Reply LS on decisions on SLPP (R1-2403622; contact: vivo) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN2

[R2-2404304](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404304%20Discussion%20on%20RAN1%20Reply%20LS%20regarding%20SLPP%20parameters.docx) Discussion on RAN1 Reply LS regarding SLPP parameters vivo discussion Rel-18 FS\_NR\_pos\_enh2

[R2-2404112](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404112_R1-2403636.docx) Reply LS on questions on RAN1 parameter list (R1-2403636; contact: CATT) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN2 Cc:RAN3, RAN4

[R2-2404433](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404433%20TPs%20for%20the%20Reply%20LS%20on%20questions%20on%20RAN1%20parameter%20list.docx) TPs for the Reply LS on questions on RAN1 parameter list CATT discussion Rel-18 NR\_pos\_enh2

[R2-2404117](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404117_R1-2403728.docx) LS on PRS resource ID for bandwidth aggregation (R1-2403728; contact: ZTE) RAN1 LS in Rel-18 NR\_pos\_enh2-Core To:RAN2

[R2-2404611](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404611%20Discussion%20on%20reporting%20PRS%20resource%20ID%20in%20PRS%20BW%20aggregation.docx) Discussion on reporting PRS resource ID in PRS BW aggregation ZTE Corporation discussion Rel-18 NR\_pos\_enh2

[R2-2404125](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404125_R4-2406386.docx) LS on SL positioning measurements (R4-2406386; contact: Huawei) RAN4 LS in Rel-18 NR\_pos\_enh2-Core To:RAN1, RAN2

[R2-2404770](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404770%20Discussion%20on%20the%20reply%20LS%20for%20SL%20positoning%20measurement.docx) Discussion on the reply LS for SL positoning measurement Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

[R2-2404769](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404769%20Draft%20reply%20LS%20to%20RAN4%20on%20SL%20positioning%20measurement.docx) LS on SL positioning measurements Huawei, HiSilicon LS out Rel-18 NR\_pos\_enh2 To:RAN4

RIL and open issue lists

Note: RRC open issues document proposes resolutions for O800, H907, H908

[R2-2404432](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2404432.zip) LPP RIL list for Rel-18 Positioning CATT discussion Rel-18 NR\_pos\_enh2

[R2-2405256](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405256%20RRCOpenIssueList.docx) Open issues list For RRC Positioning Ericsson discussion Rel-18

[R2-2405258](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2405258.zip) RIL For RRC Positioning Ericsson discussion Rel-18

Rapporteur CRs (endorsed after RAN2#125bis)

[R2-2404434](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404434%20Corrections%20to%20TS%2037.355.docx) Corrections to TS 37.355 CATT CR Rel-18 37.355 18.1.0 0500 2 F NR\_pos\_enh2 R2-2403818

[R2-2405257](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405257.docx) Miscellaneous and RRC Positioning RILs based Corrections Ericsson CR Rel-18 38.331 18.1.0 4759 2 F NR\_pos\_enh2 R2-2403819

### 7.2.2 Stage 2

Impact to 38.300, 37.340, and 38.305. For each specification, a single CR with miscellaneous corrections is requested from the CR rapporteur; minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

This agenda item may be handled at lower priority.

Rapporteur CR

[R2-2405247](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405247_%28Misc%20Stage%202%20Corrections%29.docx) Miscellaneous Stage 2 Corrections Qualcomm Incorporated CR Rel-18 38.305 18.1.0 0163 1 F NR\_pos\_enh2 R2-2403188

Other documents

R2-2404435 Corrections on TS 38.305 for CPP CATT, Nokia, NSB, Ericsson CR Rel-18 38.305 18.1.0 0165 - F NR\_pos\_enh2

[R2-2404765](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404765%20Remaining%20issues%20R18%20POS%20stage2%20for%20TS%2038.300.docx) Remaining issues R18 POS stage2 for TS 38.300 Huawei, HiSilicon, VIVO discussion Rel-18 NR\_pos\_enh2

[R2-2404766](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404766%20Remaining%20issues%20R18%20POS%20stage2%20for%20TS%2038.305.docx) Remaining issues R18 POS stage2 for TS 38.305 Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

[R2-2405259](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405259%20stage2.docx) DRX and PRS alignment for positioning Ericsson CR Rel-18 38.305 18.1.0 0166 - F NR\_pos\_enh2

[R2-2405284](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405284%20Pos%20RRC_INACTIVE.docx) Further clarifications for Positioning in RRC\_INACTIVE state Nokia discussion Rel-18 38.305 NR\_pos\_enh2-Core R2-2403500

### 7.2.3 SLPP corrections

Impact to 38.355. A single CR with miscellaneous corrections is requested from the spec rapporteur; minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

Open issues list

Open RILs: Rapp022, Rapp023, Rapp024, Rapp025, Rapp026

R2-2404189 [Post125bis][406][POS] 38.355 update Open Issue list Intel Corporation discussion Rel-18 NR\_pos\_enh2-Core

Rapporteur CRs (endorsed after RAN2#125bis)

[R2-2404191](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404191%20Miscellaneous%20corrections%20to%20SLPP%20specification%20v04.docx) Miscellaneous corrections to SLPP specification Intel Corporation CR Rel-18 38.355 18.1.0 0003 2 F NR\_pos\_enh2-Core R2-2403817

[R2-2404760](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404760%20CR%2038.355%20for%20SLPP%20capability.docx) CR 38.355 for SLPP capability Xiaomi CR Rel-18 38.355 18.1.0 0004 1 B NR\_pos\_enh2-Core R2-2403977

Rapp022, Rapp023, Rapp026

[R2-2404190](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404190%20SLPP%20related%20open%20issues.docx) Rapp022, Rapp023, Rapp026, Further Considerations on SLPP related open issues Intel Corporation discussion Rel-18 NR\_pos\_enh2-Core

Rapp025

[R2-2404518](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404518%20TP%20on%20error%20messaging%20in%20SLPP.doc) Text proposal on error messaging in SLPP Lenovo discussion Rel-18 NR\_pos\_enh2

Rapp024

[R2-2405268](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405268.docx) Open SLPP issues Nokia discussion Rel-18

Other contributions

[R2-2404305](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404305%20Discussion%20on%20open%20issue%20of%20SLPP%20specification.docx) Discussion on open issue of SLPP specification vivo discussion Rel-18 FS\_NR\_pos\_enh2

[R2-2404612](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404612%20Discussion%20on%20remaining%20corrections%20in%20SLPP.docx) Discussion on remaining corrections in SLPP ZTE Corporation discussion Rel-18 NR\_pos\_enh2

[R2-2404742](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404742%20Discussion%20on%20SLPP%20relative%20velocity.doc) Discussion on SLPP relative velocity Xiaomi discussion Rel-18 NR\_pos\_enh2

[R2-2404763](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404763%20Discussion%20on%20the%20remaining%20issues%20for%20R18%20SLPP.docx) Discussion on the remaining issues for R18 SLPP Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

[R2-2404869](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404869%20Discussion%20on%20the%20necessity%20of%20including%20the%20server%20UE%20positioning%20method%20in%20the%20discovery%20message.docx) Discussion on the necessity of including the server UE positioning method in the discovery message OPPO discussion Rel-18 NR\_pos\_enh2

[R2-2405248](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405248_%28Remaining%20SLPP%20Issues%29.docx) Remaining issues for SLPP Qualcomm Incorporated discussion

[R2-2405390](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405390_Discussion%20on%20SL-PRS%20triggering%20via%20SLPP.docx) Discussion on SL-PRS Tx triggering by SLPP Samsung discussion Rel-19 NR\_pos\_enh2 Late

Withdrawn/Not available

[R2-2404710](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404710.docx) Open SLPP issues Nokia France discussion Withdrawn

### 7.2.4 LPP corrections

Impact to 37.355. A single CR with miscellaneous corrections is requested from the CR rapporteur; minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

Rapporteur CR on capabilities (endorsed after RAN2#125bis)

[R2-2404595](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404595.docx) Miscellaneous corrections on LPP for Rel-18 positioning UE capabilities Xiaomi CR Rel-18 37.355 18.1.0 0503 1 F NR\_pos\_enh2-Core R2-2403978

ToDo RILs: M001, H006, N013

Note: H006 and N013 are addressed in R2-2404433

[R2-2404510](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404510.docx) [M001] Inclusion of PRU as an LPP endpoint MediaTek Inc., Ericsson draftCR Rel-18 37.355 18.1.0 F NR\_pos\_enh2-Core

ASN.1 impact

Measurement time window (P1,P2)

Failure cause for RSCP/RSCPD measurements (P3)

Failure cause for location information (P4 first, then detailed proposals in P5/P6/P7 if agreeable; also related to R2-2404235 P1)

[R2-2405261](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405261%20LPP.docx) Removing Legacy terminology for Correction on Time Window Config and other CPP corrections and PRU Error cause Ericsson discussion Rel-18

PFL indication for CPP

[R2-2404872](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404872%20Discussion%20on%20DL%20RSCPD%20RSCP%20measurement%20on%20single%20DL%20PFL.docx) Discussion on DL RSCPD RSCP measurement on single DL PFL OPPO discussion Rel-18 NR\_pos\_enh2

DL-AoD capability issue

[R2-2404870](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404870%20Discussion%20on%20support%20of%20bandwidth%20aggregation%20by%20the%20DL-AOD.docx) Discussion on no support of bandwidth aggregation by the DL-AOD OPPO discussion Rel-18 NR\_pos\_enh2

ASN.1 impact, but may be covered by other discussions

[R2-2404235](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404235%20Discussion%20on%20the%20remaining%20LPP%20issues.docx) Discussion on the remaining LPP issues CATT discussion Rel-18 NR\_pos\_enh2

[R2-2404761](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404761%20Discussion%20on%20the%20remaining%20issues%20for%20R18%20LPP.docx) Discussion on the remaining issues for R18 LPP Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

Other documents

R2-2404613 Discussion on PRS bandwidth aggregation in LPP ZTE Corporation discussion Rel-18 NR\_pos\_enh2

[R2-2404871](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404871%20Discussion%20on%20UE%20capability%20on%20bandwith%20aggregation%20positioning.docx) Discussion on UE capability on bandwith aggregation positioning OPPO discussion Rel-18 NR\_pos\_enh2

### 7.2.5 RRC corrections

Impact to 38.331, except for UE capabilities. A single CR with miscellaneous corrections is requested from the CR rapporteur; minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

G117 (status unclear)

[R2-2405323](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405323.docx) Correction on srs-PosRRC-Inactive handling Google CR Rel-18 38.331 18.1.0 4822 - F NR\_pos\_enh-Core

Additional RILs (closed but with contributions)

[R2-2404306](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404306%20%5BV800%5D%20Correction%20on%20UE%20not%20supporting%20NR%20sidelink%20positioning%20in%20the%20limited%20service%20state.docx) [V800] Correction on UE not supporting NR sidelink positioning in limited service state vivo draftCR Rel-18 38.331 18.1.0 F FS\_NR\_pos\_enh2

[R2-2404764](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404764%20Discussion%20on%20the%20remaining%20issues%20for%20R18%20RRC%20%5BH905%5D%5BH920-921%5D.docx) Discussion on the remaining issues for R18 RRC [H905][H920-921] Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

ASN.1 impact

[R2-2404614](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404614%20Discussion%20on%20remaining%20corrections%20in%20RRC.docx) Discussion on remaining corrections in RRC ZTE Corporation discussion Rel-18 NR\_pos\_enh2

[R2-2405249](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405249_%28RRC%20SL%20DCI%20CBR%29.docx) Addition of SL DCI Formats and SL PRS CBR measurement Results Qualcomm Incorporated discussion

Other documents

R2-2404236 Activation of SRS when configured with validity area CATT discussion Rel-18 NR\_pos\_enh2

[R2-2405103](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405103.doc) Discussion on the activation of the semi-persistent SRS of preconfigured SRS Xiaomi discussion

### 7.2.6 MAC corrections

Impact to 38.321. A single CR with miscellaneous corrections is requested from the CR rapporteur; minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

Including outcome of [Post125bis][401][POS] Aggregated SP-SRS activation/deactivation MAC CE (ZTE)

Rapporteur CR (endorsed after RAN2#125bis)

[R2-2404762](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404762%20Rapporteur%20MAC%20CR%20for%20R18%20positioning.docx) Rapporteur MAC CR for R18 positioning Huawei, HiSilicon CR Rel-18 38.321 18.1.0 1844 - F NR\_pos\_enh2

Email discussion report

R2-2404615 Report of [Post125bis][401][POS] Aggregated SP-SRS activation deactivation MAC CE ZTE Corporation discussion Rel-18 NR\_pos\_enh2

Other documents

[R2-2404741](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404741%20Discussion%20on%20positioning%20MAC%20open%20issues.doc) Discussion on SL positioning MAC open issues Xiaomi discussion Rel-18 NR\_pos\_enh2

[R2-2404767](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404767%20Discussion%20on%20the%20remaining%20isues%20for%20MAC%20for%20R18%20POS.docx) Discussion on the remaining isues for MAC for R18 POS Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

[R2-2405260](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405260%20MAC.docx) Addressing MAC open issues Ericsson discussion Rel-18

[R2-2405267](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405267.docx) Miscellaneous MAC issues Nokia discussion Rel-18

MAC CE design (overlap with email discussion)

[R2-2405504](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405504_MAC%20CE%20for%20activation_deactivation%20of%20aggregated%20SP%20SRS%20for%20positioning.docx) MAC CE for activation/deactivation of aggregated SP SRS for positioning Samsung discussion Rel-18 NR\_pos\_enh2 Late

Withdrawn/Not available

[R2-2404714](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404714.docx) Miscellaneous MAC issues Nokia France discussion Rel-18 Withdrawn

R2-2405420 Corrections for SL-PRS transmission and reception ASUSTeK discussion Rel-18 NR\_pos\_enh2

### 7.2.7 UE capabilities

Impact to 38.306 and capability-related impact to 38.331. A single CR with miscellaneous corrections is requested from the CR rapporteur; minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

Rapporteur CRs (endorsed after RAN2#125bis)

[R2-2404623](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404623.docx) Miscellaneous corrections for Rel-18 positioning UE capabilities Xiaomi CR Rel-18 38.331 18.1.0 4772 1 F NR\_pos\_enh2-Core R2-2403971

[R2-2404624](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404624.docx) Miscellaneous corrections for Rel-18 positioning UE capabilities Xiaomi CR Rel-18 38.306 18.1.0 1090 1 F NR\_pos\_enh2-Core R2-2403972

Other documents

[R2-2404768](file:///C%3A%5C%5CUsers%5C%5Cmtk16923%5C%5CDocuments%5C%5C3GPP%20Meetings%5C%5C202405%20-%20RAN2_126%2C%20Fukuoka%5C%5CExtracts%5C%5CR2-2404768%20Discussion%20on%20the%20remaining%20issues%20for%20UE%20capability.docx%22%20%5Co%20%22C%3AUsersmtk16923Documents3GPP%20Meetings202405%20-%20RAN2_126%2C%20FukuokaExtractsR2-2404768%20Discussion%20on%20the%20remaining%20issues%20for%20UE%20capability.docx) Discussion on the remaining issues for UE capability Huawei, HiSilicon discussion Rel-18 NR\_pos\_enh2

[R2-2404519](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404519%20NR%20positioning%20caps%20corrections.doc) Corrections on NR positioning capability signaling Lenovo discussion Rel-18 NR\_pos\_enh2

### 7.2.8 Corrections to other specifications

Impact to any specifications not identified above.

## 7.9 Enhanced NR Sidelink Relay

(NR\_SL\_relay\_enh-Core; leading WG: RAN2; REL-18; WID: [RP-223501](http://ftp.3gpp.org/tsg_ran/TSG_RAN/TSGR_98e/Docs/RP-223501.zip))

Time budget: 0TU

Tdoc Limitation: 3 tdocs

### 7.9.1 Organizational

Including incoming LSs and rapporteur inputs. CR rapporteurs are asked to continue maintaining an open issues list reflecting known issues to be handled during the maintenance phase.

Incoming LS with “take into account” action and no related document

R2-2404134 Reply LS on L2ID and user info for L2 based U2U (S2-2405379; contact: OPPO) SA2 LS in Rel-18 NR\_SL\_relay\_enh-Core To:RAN2, CT1

Incoming LS with “take into account” action and related document

[R2-2404136](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404136_S2-2405531.docx) Reply LS on U2U relay selection (S2-2405531; contact: OPPO) SA2 LS in Rel-18 NR\_SL\_relay\_enh-Core To:RAN2 Cc:CT1

[R2-2404251](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404251%20-%20Discussion%20on%20LS%20S2-2405531.docx) Discussion on LS S2-2405531 OPPO discussion Rel-18 NR\_SL\_relay\_enh-Core

Rapporteur CRs (endorsed after RAN2#125bis)

[R2-2405367](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405367%20RRC%20corrections%20for%20SL%20relay_Resubmission.docx) RRC corrections for Rel-18 SL relay enhancements Huawei, HiSilicon, Ericsson, ZTE, CATT, Sharp, Lenovo, OPPO, Nokia, Apple, MediaTek, Xiaomi, Samsung, ASUSTeK CR Rel-18 38.331 18.1.0 4684 2 F NR\_SL\_relay\_enh-Core R2-2403813

[R2-2405532](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405532%20CR4774r1%20Correction%20for%20SL%20Relay%20UE%20capability.docx) Correction for SL Relay UE capability Samsung CR Rel-18 38.331 18.1.0 4774 1 F NR\_SL\_relay\_enh-Core R2-2403975

[R2-2405533](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405533%20CR1091r1%20Correction%20for%20SL%20Relay%20UE%20capability.docx) Correction for SL Relay UE capability Samsung CR Rel-18 38.306 18.1.0 1091 1 F NR\_SL\_relay\_enh-Core R2-2403976

### 7.9.2 Stage 2 corrections

Impact to 38.300. A single CR with miscellaneous corrections is requested from the CR rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

R2-2404254 Discussion on stage-2 corrections OPPO discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2404326](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404326%20Candidate%20MP%20Relay%20UEs%20Reporting%20for%20N3C%20Remote%20UE.docx) Candidate MP Relay UEs Reporting for N3C Remote UE CATT discussion Rel-18 NR\_SL\_relay\_enh-Core

### 7.9.3 RRC corrections

Impact to 38.331, except for capability-related issues (see agenda item 7.9.7). A single CR with miscellaneous corrections is requested from the CR rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues where no clear conclusion was reached in [Post125][417] can be discussed based on contributions.

RIL list

[R2-2405369](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CDocs%5CR2-2405369.zip) RIL list for SL relay Huawei, HiSilicon report Rel-18 NR\_SL\_relay\_enh-Core

ToDoRILs: N122, B109, O437

[R2-2404803](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404803%20%5BB109%5D%20sidelink%20RRC%20reconfiguration%20failure%20for%20U2U%20v1.0.doc) [B109]Sidelink RRC reconfiguration failure for U2U Lenovo discussion Rel-18

[R2-2405458](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405458%20%5BN122%5D%20and%20capability%20issue.docx) [N122] and capability issue Nokia discussion NR\_SL\_relay\_enh-Core

[R2-2404327](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404327%20Discussion%20on%20N122%2C%20B109%20and%20SA2%20LS%20Reply.docx) Discussion on N122, B109 and SA2 LS Reply CATT discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2405286](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405286_On%20RIL%20B109.docx) On RIL B109 Ericsson discussion Rel-18

ASN.1 impact

[R2-2404732](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404732%20SLrelay%20RRC%20issues.docx) SL relay RRC correction proposals Nokia discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2404733](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404733%20RSRP%20for%20U2N%20relay%20%28re-%29selection.docx) RSRP thresholds for U2N relay selection and re-selection Nokia discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2405237](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405237%20correction%20on%20the%20UE%20capability%20reporting%20in%20SUI.docx) Corrections on UE capability reporting in SUI for L2 U2U relay Huawei, HiSilicon discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2405352](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405352_Discussion%20on%20n3c-BearerAssociated.doc) Discussion on n3c-BearerAssociated ZTE, Sanechips discussion NR\_SL\_relay\_enh-Core

Multi-company corrections CR

[R2-2405601](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405601%20Rapp%20CR%20for%20SL%20relay_update.docx) RRC corrections for Rel-18 SL relay enhancements Huawei, HiSilicon, ASUSTeK, Nokia, OPPO CR Rel-18 38.331 18.1.0 4847 - F NR\_SL\_relay\_enh-Core

Other documents

R2-2404252 Correction of local ID setting by U2U Relay UE OPPO discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2404328](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404328%20Clarification%20on%20the%20U2U%20Relay%20%28Re-%29selection%20Procedure.docx) Clarification on the U2U Relay (Re-)selection Procedure CATT discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2404663](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404663%20Discussion%20on%20SUI%20end-to-end%20U2U%20bearer%20index%20.docx) Discussion on SLRB index in SUI for L2 U2U relay Apple discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2404678](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404678-Discussion%20on%20the%20remaining%20issues%20for%20U2U%20relay.docx) Discussion on the remaining issues for U2U relay LG Electronics Inc. discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2405238](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405238%20Discussion%20on%20the%20SLRB%20index%20in%20the%20SUI%20for%20U2U%20relay%20UE.doc) Discussion on the SLRB index in the SUI for U2U relay UE Huawei, HiSilicon discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2405322](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405322.docx) Correction on setuprelease type sidelink fields handling Google CR Rel-18 38.331 18.1.0 4821 - F NR\_SL\_enh-Core

[R2-2405351](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405351_Relay%20UE%20traffic%20pattern%20reporting%20in%20UAI.doc) Discussion on relay UE traffic pattern reporting in UAI ZTE, Sanechips discussion NR\_SL\_relay\_enh-Core

[R2-2405425](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405425%20%5BK008%5D%20How%20to%20set%20the%20contents%20of%20sidelink%20UE%20capability%20messages%20for%20L2%20U2U%20Relay.docx) [K008] How to set the contents of sidelink UE capability messages for L2 U2U Relay ASUSTeK discussion Rel-18 38.331 NR\_SL\_relay\_enh-Core

[R2-2405628](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405628-U2U.docx) discussion on U2U relay related issues Sharp discussion Rel-18 NR\_SL\_relay\_enh-Core

Withdrawn/Not available

R2-2405368 Rapp RRC CR for Rel-18 SL relay enhancement Huawei, HiSilicon report Rel-18 38.331 NR\_SL\_relay\_enh-Core Withdrawn

### 7.9.4 SRAP corrections

Impact to 38.351. A single CR with miscellaneous corrections is requested from the specification rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

Rapporteur CR (endorsed at RAN2#125bis)

R2-2404247 Corrections for NR sidelink relay enhancements OPPO, ZTE CR Rel-18 38.351 18.1.0 0034 2 F NR\_SL\_relay\_enh-Core R2-2403814

Other documents

[R2-2404253](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404253%20-%20Discussion%20on%20SRAP%20corrections.docx) Discussion on SRAP corrections OPPO discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2404662](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404662%20Correction%20on%20egresss%20link%20determination%20in%20L2%20U2U%20relay_38351.docx) Correction for egress link determination in L2 U2U Relay UE Apple CR Rel-18 38.351 18.1.0 0036 - F NR\_SL\_relay\_enh-Core

### 7.9.5 MAC corrections

Impact to 38.321. A single CR with miscellaneous corrections is requested from the CR rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

### 7.9.6 RLC and PDCP corrections

Impact to 38.322 and 38.323. For each specification, a single CR with miscellaneous corrections is requested from the CR rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

Rapporteur CR

[R2-2405856](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5C38323_CR0135_Rel-18_R2-2405856_MiscRelayCorrections.docx) Miscellaneous Rapporteur Corrections to 38.323 for SL Relay InterDigital, ZTE CR Rel-18 38.323 18.1.0 0135 2 F NR\_SL\_relay\_enh-Core Late

Other document

R2-2405353 Discussion on PDCP corrections for MP ZTE, Sanechips discussion NR\_SL\_relay\_enh-Core

### 7.9.7 UE capabilities

Impact to 38.306 and capability-related impact to 38.331. A single CR with miscellaneous corrections is requested from the CR rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

To include handling of RIL O437

R2-2405236 UE capability corrections for multi-path operation Huawei, HiSilicon discussion Rel-18 NR\_SL\_relay\_enh-Core

[R2-2405287](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405287_Discussion_of_Open_Issues_in_38306.docx) Discussion on Open Issues in 38.306 Ericsson discussion Rel-18

### 7.9.8 Idle mode corrections

Impact to 38.304. A single CR with miscellaneous corrections is requested from the CR rapporteur. Minor and editorial issues should be coordinated with the rapporteur and merged into the miscellaneous CR. Larger issues can be discussed based on contributions.

## 7.24 TEI18

Specific items may be allocated to a breakout session for treatment.

Time budget: 1 TU

### 7.24.2 TEI proposals by RAN2

Items initiated in RAN2 for NR and LTE.

No contributions should be submitted under 7.24.2. They should be submitted under 7.24.x

Tdoc limitation: 1 tdoc, limitation applicable to new proposals. No new Cat. B proposals expected for this meeting

#### 7.24.2.0 In Principle agreed CRs

[R2-2404246](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5C38331_CR4645r1_%28REL-18%29_R2-2404246%20-%20Remove%20of%20AS%20condition%20checking%20of%20SUI%20for%20U2N%20Relay%20communication.docx) Remove of AS condition checking of SUI for U2N Relay communication OPPO, Apple CR Rel-18 38.331 18.1.0 4645 1 F TEI18, NR\_SL\_relay-Core R2-2402210

[R2-2404509](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404509.docx) [B021] Missing posSibType2-17a in list of posSIB types [PosL2RemoteUE] MediaTek Inc., Lenovo CR Rel-18 38.331 18.1.0 4767 1 F TEI18 R2-2403792

[R2-2405253](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405253%20LPPsubSec.docx) LPP support for sub 1s location information reporting periodicity [Sub\_1s\_periodicity] Ericsson, AT&T, T-Mobile, Vivo, Deutsche Telekom, Huawei, HiSilicon, Vodafone CR Rel-18 37.355 18.1.0 0501 3 B TEI18 R2-2403973

[R2-2405254](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405254%20BT.docx) Corrections for Bluetooth AoA/AoD [BT-AoA-AoD] Ericsson, Intel Corporation CR Rel-18 37.355 18.1.0 0502 1 F TEI18 R2-2403794

Withdrawn/Not available

R2-2404245 Remove of AS condition checking of SUI for U2N Relay communication OPPO, Apple CR Rel-18 38.351 18.1.0 0035 - F TEI18, NR\_SL\_relay\_enh-Core R2-2402210 Withdrawn

#### 7.24.2.2 Other RAN2 TEI-18

Contributions should focus only critical issues/corrections for already agreed TEI-18 topics. NCo-sourcing of such proposals is encouraged. Contributions on items that were explicitly downprioritized from Rel-18 WIs should not be brought as TEI18. No new Cat. B proposals expected for this meeting

Including outcome of [POST125bis][019][Emergency Calls] Common solution (Lenovo)

R2-2405575 Corrections related to LPP RILs E001-E003 and Q033 due to agreed CT4 corrections [LocalCoords] Ericsson CR Rel-18 37.355 18.1.0 0510 - F TEI18

* Revised in R2-2405858

[R2-2405858](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2405858.docx) Corrections related to LPP RILs E001-E003 and Q033 due to agreed CT4 corrections [LocalCoords] Ericsson CR Rel-18 37.355 18.1.0 0510 1 F TEI18

[R2-2404758](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202405%20-%20RAN2_126%2C%20Fukuoka%5CExtracts%5CR2-2404758%20Correction%20to%20on-demand%20SIB%20request%20%5BOdSIBReq%5D.docx) Correction to on-demand SIB request [OdSIBReq] Huawei, HiSilicon, Ericsson, Qualcomm CR Rel-18 38.331 18.1.0 4796 - B TEI18