3GPP TSG-RAN WG2 #114-e electronic R2-210xxxx

Electronic Meeting, 19th – 27th May, 2021

Agenda Item: 5.4.0

Source: Ericsson

Title: [AT114-e][003][NR15] CP IPA and Miscellaneous CRs

Document for: Discussion, Decision

# 1 Introduction

This contribution summarizes the following discussion:

* [AT114-e][003][NR15] CP IPA and Miscellaneous CRs (Ericsson)

 Scope: Treat [R2-2105938](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105938.zip), [R2-2105939](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105939.zip), [R2-2105106](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105106.zip), [R2-2105107](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105107.zip), [R2-2105148](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105148.zip), [R2-2105149](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105149.zip), [R2-2105175](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105175.zip), [R2-2105176](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105176.zip), [R2-2105204](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105204.zip), [R2-2105205](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105205.zip), [R2-2105459](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105459.zip), [R2-2105462](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105462.zip), [R2-2105647](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105647.zip), [R2-2105648](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105648.zip), [R2-2105931](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105931.zip), [R2-2105937](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105937.zip), [R2-2105980](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105980.zip), [R2-2105981](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105981.zip), [R2-2106020](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106020.zip), [R2-2106021](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106021.zip), [R2-2106180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106180.zip), [R2-2106181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106181.zip), [R2-2106300](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106300.zip), [R2-2106308](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106308.zip), [R2-2106325](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106325.zip), [R2-2106327](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106327.zip), [R2-2106390](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106390.zip), [R2-2106391](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106391.zip), [R2-2105150](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105150.zip), [R2-2105151](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105151.zip), [R2-2105152](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105152.zip), [R2-2105153](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105153.zip), [R2-2105180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105180.zip), [R2-2105181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105181.zip)

 Phase 1, For IPA CRs Confirm CRs or identify needed change. Phase 2, for IPA CR modifications, and new contents for Misc Corr CRs, Work on CRs.

 Intended outcome: Report and Agreed CRs.

 Deadline:

  Initial deadline for companies’ comments (Phase 1): **Friday May 21 1000 UTC**

  Deadline for CR finalization (Phase 2): **Wednesday May 26 1200 UTC**

The following documents are treated in this discussion:

[R2-2105938](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105938.zip) Miscellaneous non-controversial corrections Set X Ericsson CR Rel-15 38.331 15.13.0 2582 1 F NR\_newRAT-Core [R2-2104651](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104651.zip)

Chair: Can be updated further

[R2-2105939](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105939.zip) Miscellaneous non-controversial corrections Set X Ericsson CR Rel-16 38.331 16.4.1 2519 2 F NR\_newRAT-Core, TEI16 [R2-2104650](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104650.zip)

Chair: Can be updated further

[R2-2105106](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105106.zip) Clarification on CGI reporting Apple CR Rel-15 38.331 15.13.0 2601 - F NR\_newRAT-Core

[R2-2105107](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105107.zip) Clarification on CGI reporting Apple CR Rel-16 38.331 16.4.1 2602 - A NR\_newRAT-Core

[R2-2105148](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105148.zip) CR on UE capability in case of Cross-Carrier operation ZTE Corporation, Sanechips, Ericsson CR Rel-15 38.306 15.13.0 0544 2 F NR\_newRAT-Core [R2-2104607](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104607.zip)

[R2-2105149](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105149.zip) CR on UE capability in case of Cross-Carrier operation ZTE Corporation, Sanechips, Ericsson CR Rel-16 38.306 16.4.0 0545 2 A NR\_newRAT-Core [R2-2104608](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104608.zip)

[R2-2105175](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105175.zip) CR on the supportedBandwidthCombinationSet-R15 ZTE Corporation, Sanechips CR Rel-15 38.306 15.13.0 0565 2 F NR\_newRAT-Core [R2-2104546](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104546.zip)

[R2-2105176](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105176.zip) CR on the supportedBandwidthCombinationSet-R16 ZTE Corporation, Sanechips CR Rel-16 38.306 16.4.0 0566 2 A NR\_newRAT-Core [R2-2104547](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104547.zip)

[R2-2105204](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105204.zip) Clarification on SCellIndex and ServCellIndex NTT DOCOMO, INC. CR Rel-15 38.331 15.13.0 2526 2 F NR\_newRAT-Core [R2-2104578](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104578.zip)

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[R2-2105205](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105205.zip) Clarification on SCellIndex and ServCellIndex NTT DOCOMO, INC. CR Rel-16 38.331 16.4.1 2527 2 A NR\_newRAT-Core [R2-2104579](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104579.zip)

Moved here

[R2-2105459](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105459.zip) Clarification on scellFrequenciesSN Nokia, Nokia Shanghai Bell CR Rel-15 38.331 15.13.0 2571 1 F NR\_newRAT-Core [R2-2104539](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104539.zip)

[R2-2105462](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105462.zip) Clarification on scellFrequenciesSN Nokia, Nokia Shanghai Bell CR Rel-16 38.331 16.4.1 2572 1 A NR\_newRAT-Core [R2-2104540](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104540.zip)

[R2-2105647](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105647.zip) Introduction of DL scheduling slot offset capabilities in UERadioPagingInformation Ericsson CR Rel-15 38.331 15.13.0 2638 - F NR\_newRAT-Core

[R2-2105648](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105648.zip) Introduction of DL scheduling slot offset capabilities in UERadioPagingInformation Ericsson CR Rel-16 38.331 16.4.1 2639 - A NR\_newRAT-Core

[R2-2105931](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105931.zip) Clarification of CSI measurement configuration Ericsson CR Rel-15 38.331 15.13.0 2517 1 F NR\_newRAT-Core [R2-2103643](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103643.zip)

[R2-2105937](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105937.zip) Clarification of CSI measurement configuration Ericsson CR Rel-16 38.331 16.4.1 2518 1 A NR\_newRAT-Core, TEI16 [R2-2103644](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103644.zip)

[R2-2105980](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105980.zip) Correction to the use of simultaneous CSI-RS resources Ericsson, Nokia CR Rel-15 38.306 15.13.0 0593 - F NR\_newRAT-Core

[R2-2105981](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105981.zip) Correction to the use of simultaneous CSI-RS resources Ericsson, Nokia CR Rel-16 38.306 16.4.0 0594 - A NR\_newRAT-Core

[R2-2106020](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106020.zip) Clarification of mcg-RB-config field description Ericsson CR Rel-15 38.331 15.13.0 2532 1 F NR\_newRAT-Core [R2-2103801](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103801.zip)

[R2-2106021](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106021.zip) Clarification of mcg-RB-config field description Ericsson CR Rel-16 38.331 16.4.1 2533 1 A NR\_newRAT-Core [R2-2103802](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103802.zip)

[R2-2106180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106180.zip) UL Config Grant capability differentiation for FR1(TDD/FDD) / FR2 Qualcomm Incorporated CR Rel-16 38.331 16.4.1 2579 1 F NR\_newRAT-Core, TEI16 [R2-2104609](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104609.zip)

[R2-2106181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106181.zip) UL Config Grant capability differentiation for FR1(TDD/FDD) / FR2 Qualcomm Incorporated CR Rel-16 38.306 16.4.0 0571 1 F NR\_newRAT-Core, TEI16 [R2-2104610](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104610.zip)

[R2-2106300](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106300.zip) Correction on T325 Google Inc. CR Rel-15 38.331 15.13.0 2563 2 F NR\_newRAT-Core [R2-2104254](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104254.zip)

[R2-2106308](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106308.zip) Correction on T325 Google Inc. CR Rel-16 38.331 16.4.1 2564 2 A NR\_newRAT-Core [R2-2104255](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104255.zip)

[R2-2106325](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106325.zip) Clarification on SCS of active DL and UL BWP MediaTek Inc. CR Rel-15 38.331 15.13.0 2549 2 F NR\_newRAT-Core [R2-2104558](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104558.zip)

[R2-2106327](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106327.zip) Clarification on SCS of active DL and UL BWP MediaTek Inc. CR Rel-16 38.331 16.4.1 2550 2 A NR\_newRAT-Core [R2-2104559](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104559.zip)

[R2-2106390](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106390.zip) Correction to BWP capabilities Nokia, Nokia Shanghai Bell CR Rel-15 38.306 15.13.0 0549 2 F NR\_newRAT-Core [R2-2104573](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104573.zip)

[R2-2106391](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106391.zip) Correction to BWP capabilities Nokia, Nokia Shanghai Bell CR Rel-16 38.306 16.4.0 0550 2 A NR\_newRAT-Core [R2-2104574](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104574.zip)

The below 6 treated in R17 Other last meeting

[R2-2105150](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105150.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-15 38.331 15.13.0 2495 2 F NR\_newRAT-Core [R2-2104581](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104581.zip)

[R2-2105151](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105151.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-16 38.331 16.4.1 2496 2 A NR\_newRAT-Core [R2-2104582](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104582.zip)

[R2-2105152](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105152.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-15 36.331 15.13.0 4646 1 F NR\_newRAT-Core [R2-2104583](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104583.zip)

[R2-2105153](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105153.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-16 36.331 16.4.0 4647 1 A NR\_newRAT-Core [R2-2104584](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104584.zip)

[R2-2105180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105180.zip) CR on the 35M/45M supporting-R15 ZTE Corporation, Sanechips CR Rel-15 38.306 15.13.0 0567 2 F NR\_FR1\_35MHz\_45MHz\_BW-Core [R2-2104548](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104548.zip)

[R2-2105181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105181.zip) CR on the 35M/45M supporting-R16 ZTE Corporation, Sanechips CR Rel-16 38.306 16.4.0 0568 2 A NR\_FR1\_35MHz\_45MHz\_BW-Core [R2-2104549](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104549.zip)

Contact person(s) for each participating company:

|  |  |
| --- | --- |
| Company | Contact Name, Email |
| Ericsson | hakan.l.palm@ericsson.com |
| Lenovo | hchoi5@lenovo.com |
| LG | Sunghoon.jung@lge.com |

# 2 Discussion

## 2.1 Phase 1: Intended to determine agreeable parts

In this section, it is for the co-sourcing companies to comment

* in Q1 on any change they have made to their IPA CRs in Section 1, and
* In Q2 for other companies to comment on any changes needed on the IPA CRs.
* For IPA CRs that are not mentioned by any companies, they will be assumed to be agreeable.
* Please try to insert new comments immediately after the comments of already listed CRs.

**Q1 Co-sourcing companies comment on any changes they have made on the IPA CRs\***

|  |  |  |
| --- | --- | --- |
| **Company** | **Which CRs**  | **What changes have been made?** |
|  | R2-21xxxxx |  |
|  |  |  |
|  |  |  |

**Q2 Company comments on the IPA CRs listed in Section 1 and propose changes**

|  |  |  |
| --- | --- | --- |
| **Company** | **Which CRs**  | **What changes are required?** |
| Huawei, HiSilicon | [R2-2105931](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105931.zip)/[R2-2105937](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105937.zip) | The change should be merged to the rapporteur CRs, as it is only a minor editorial change |
| Huawei, HiSilicon | [R2-2106020](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106020.zip)/[R2-2106021](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106021.zip) | The change in this CR is confusing. The change should be further discussed under INM offline-008, together with [R2-2106186](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106186.zip)/R2-21061867. Ericsson (Tony): This CR was widely discussed in the last meeting and majority of companies thought that the changes are okay (including Huawei). Therefore, we think that the discussion should not be reopened.Huawei: it is good that companies can have a second chance to double check the IPA CRs, and that is why we have this offline, right. The changes in the CRs are really confusing, and there is a related discussion in offline-8. That is why we think they should be handled together.**Rapp proposal: CRs in R2-2106186/R2-21061867 provides a preferred wording of the field descriptions.****Outcome of [008] need to be awaited, may impact the wording of the field description (the deletion of “…~~e.g.~~ during SN change”)** |
| Lenovo | [R2-2106180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106180.zip), [R2-2106181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106181.zip) | [R2-2106180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106180.zip): revision marks on cover page need to be removed.[R2-2106181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106181.zip): revision marks on cover page need to be removed. Furthermore, the changes in 4.2.7.10 are not needed and can be removed completely. Those changes refer to the original proposal which were not agreed. |
| Lenovo | [R2-2106300](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106300.zip), [R2-2106308](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106308.zip) | Cover page:* Description in “Reason for change” is quite thin. Should add more description why the UE shall not stop T325 acc. to current specification in timer table 7.1.1 and 38.304.
* In “Impacted functionality“ the „Cell selection“ needs to be removed (T325 does not apply for cell selection).
* In „Consequences if not approved“: it is better to say „After successful completion of the mobility from NR, the UE may stop timer T325.“ Instead of saying „...the UE stops timer T325.“ The reason is that there may be UE implementations which implemented the feature correctly.

Furthermore, in the CRs the referenced subclause 5.2.2.4.2 can be removed (pages 4-8).**Rapp proposal: Revise these CRs cover page similar as was done in revisions for corresponding CRs to 36331 (email discussion [201],** [R2-2106288](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_114-e/Docs/R2-2106288.zip) and [R2-2106292](https://www.3gpp.org/ftp/TSG_RAN/WG2_RL2/TSGR2_114-e/Docs/R2-2106292.zip)) |
| Lenovo | [R2-2105180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105180.zip), [R2-2105181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105181.zip) | * Cover page: which WI code is correct? “NR\_newRAT-Core” on cover page or „NR\_FR1\_35MHz\_45MHz\_BW-Core“ from Tdoc allocation?
* In the field descriptions the references channelBW\_DL, channelBW\_UL need to be corrected to channelBWs-DL, channelBWs-UL.
 |
| LG | [R2-2106300](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106300.zip), [R2-2106308](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106308.zip) | The section 5.2.2.4.2 shall be removed |
| LG | [R2-2105931](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105931.zip)/[R2-2105937](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105937.zip) | We think this CR can be merged into Rapporteur CR, since the change is only to replace *beam* by *CSI.* |
| Ericsson | [R2-2105204](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105204.zip) [R2-2105205](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105205.zip) | Should update cover page to correct RAN2 meeting and meeting dates. |
|  |  |  |
|  |  |  |

**Conculsion of Phase 1 and Start of Phase 2**

R2-2106020/R2-2106021

The change in this CR is confusing.

The change should be further discussed under INM offline-008, together with R2-2106186/R2-21061867.

Ericsson (Tony): This CR was widely discussed in the last meeting and majority of companies thought that the changes are okay (including Huawei). Therefore, we think that the discussion should not be reopened.

Huawei: it is good that companies can have a second chance to double check the IPA CRs, and that is why we have this offline, right. The changes in the CRs are really confusing, and there is a related discussion in offline-8. That is why we think they should be handled together.

Rapp proposal: CRs in R2-2106186/R2-21061867 provides a preferred wording of the field descriptions.

Outcome of [008] need to be awaited, may impact the wording of the field description (the deletion of “…e.g. during SN change”)

The CRs covered in this email discussion are listed below.

As result of phase 1,

* R2-2105931/R2-2105937 can be merged with Rapp/Misc CR
* R2-2105938/R2-2105939 will need further revions since merged with CRs from this meeting.
* R2-2106020/R2-2106021: CRs in R2-2106186/R2-21061867 provides a preferred wording of the field descriptions.Outcome of [008] need to be awaited, may impact the wording of the field description (the deletion of “…~~e.g.~~ during SN change”)
* Some IPA CRs (highlighted in yellow below) need further revsions.
	+ Sourcing companies are asked to provide them in the email discussion CR folder ”Revised CRs”.
	+ Companies are asked to provide their comments directly in the draft revised CRs.
* CRs **not** highlighted below recevied no comments during Phase 1, and are consequently assumed agreeable.
	+ In the unexpected case there are anyway concern with a CR, this can be indicated in the table at the end of this section.

[R2-2105938](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105938.zip) Miscellaneous non-controversial corrections Set X Ericsson CR Rel-15 38.331 15.13.0 2582 1 F NR\_newRAT-Core [R2-2104651](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104651.zip)

Chair: Can be updated further

[R2-2105939](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105939.zip) Miscellaneous non-controversial corrections Set X Ericsson CR Rel-16 38.331 16.4.1 2519 2 F NR\_newRAT-Core, TEI16 [R2-2104650](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104650.zip)

Chair: Can be updated further

[R2-2105106](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105106.zip) Clarification on CGI reporting Apple CR Rel-15 38.331 15.13.0 2601 - F NR\_newRAT-Core

[R2-2105107](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105107.zip) Clarification on CGI reporting Apple CR Rel-16 38.331 16.4.1 2602 - A NR\_newRAT-Core

[R2-2105148](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105148.zip) CR on UE capability in case of Cross-Carrier operation ZTE Corporation, Sanechips, Ericsson CR Rel-15 38.306 15.13.0 0544 2 F NR\_newRAT-Core [R2-2104607](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104607.zip)

[R2-2105149](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105149.zip) CR on UE capability in case of Cross-Carrier operation ZTE Corporation, Sanechips, Ericsson CR Rel-16 38.306 16.4.0 0545 2 A NR\_newRAT-Core [R2-2104608](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104608.zip)

[R2-2105175](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105175.zip) CR on the supportedBandwidthCombinationSet-R15 ZTE Corporation, Sanechips CR Rel-15 38.306 15.13.0 0565 2 F NR\_newRAT-Core [R2-2104546](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104546.zip)

[R2-2105176](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105176.zip) CR on the supportedBandwidthCombinationSet-R16 ZTE Corporation, Sanechips CR Rel-16 38.306 16.4.0 0566 2 A NR\_newRAT-Core [R2-2104547](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104547.zip)

[R2-2105204](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105204.zip) Clarification on SCellIndex and ServCellIndex NTT DOCOMO, INC. CR Rel-15 38.331 15.13.0 2526 2 F NR\_newRAT-Core [R2-2104578](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104578.zip)

Moved here,

- Cover page, update to correct RAN2 meeting and meeting dates

**-> Revised CR to be provided**

[R2-2105205](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105205.zip) Clarification on SCellIndex and ServCellIndex NTT DOCOMO, INC. CR Rel-16 38.331 16.4.1 2527 2 A NR\_newRAT-Core [R2-2104579](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104579.zip)

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- Cover page, update to correct RAN2 meeting and meeting dates

**-> Revised CR to be provided**

[R2-2105459](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105459.zip) Clarification on scellFrequenciesSN Nokia, Nokia Shanghai Bell CR Rel-15 38.331 15.13.0 2571 1 F NR\_newRAT-Core [R2-2104539](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104539.zip)

[R2-2105462](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105462.zip) Clarification on scellFrequenciesSN Nokia, Nokia Shanghai Bell CR Rel-16 38.331 16.4.1 2572 1 A NR\_newRAT-Core [R2-2104540](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104540.zip)

[R2-2105647](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105647.zip) Introduction of DL scheduling slot offset capabilities in UERadioPagingInformation Ericsson CR Rel-15 38.331 15.13.0 2638 - F NR\_newRAT-Core

[R2-2105648](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105648.zip) Introduction of DL scheduling slot offset capabilities in UERadioPagingInformation Ericsson CR Rel-16 38.331 16.4.1 2639 - A NR\_newRAT-Core

[R2-2105931](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105931.zip) Clarification of CSI measurement configuration Ericsson CR Rel-15 38.331 15.13.0 2517 1 F NR\_newRAT-Core [R2-2103643](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103643.zip)

- Not agreed

**-> To be merged with 38331 Rapp/Misc CR**

[R2-2105937](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105937.zip) Clarification of CSI measurement configuration Ericsson CR Rel-16 38.331 16.4.1 2518 1 A NR\_newRAT-Core, TEI16 [R2-2103644](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103644.zip)

- Not agreed

**-> To be merged with 38331 Rapp/Misc CR**

[R2-2105980](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105980.zip) Correction to the use of simultaneous CSI-RS resources Ericsson, Nokia CR Rel-15 38.306 15.13.0 0593 - F NR\_newRAT-Core

[R2-2105981](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105981.zip) Correction to the use of simultaneous CSI-RS resources Ericsson, Nokia CR Rel-16 38.306 16.4.0 0594 - A NR\_newRAT-Core

[R2-2106020](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106020.zip) Clarification of mcg-RB-config field description Ericsson CR Rel-15 38.331 15.13.0 2532 1 F NR\_newRAT-Core [R2-2103801](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103801.zip)

- CRs in R2-2106186/R2-21061867 provides a preferred wording of the field descriptions. Those CRs are covered in [008]. Outcome of [008] need to be awaited, may impact the wording of the field descriptions

**-- Not agreed.**

[R2-2106021](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106021.zip) Clarification of mcg-RB-config field description Ericsson CR Rel-16 38.331 16.4.1 2533 1 A NR\_newRAT-Core [R2-2103802](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2103802.zip)

- CRs in R2-2106186/R2-21061867 provides a preferred wording of the field descriptions. Those CRs are covered in [008]. Outcome of [008] need to be awaited, may impact the wording of the field descriptions

**-- Not agreed.**

[R2-2106180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106180.zip) UL Config Grant capability differentiation for FR1(TDD/FDD) / FR2 Qualcomm Incorporated CR Rel-16 38.331 16.4.1 2579 1 F NR\_newRAT-Core, TEI16 [R2-2104609](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104609.zip)

- Remove revision marks on cover page.

**-> Revised CR to be provided**

[R2-2106181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106181.zip) UL Config Grant capability differentiation for FR1(TDD/FDD) / FR2 Qualcomm Incorporated CR Rel-16 38.306 16.4.0 0571 1 F NR\_newRAT-Core, TEI16 [R2-2104610](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104610.zip)

- Remove revision marks on cover page.

- Remove changes in 4.2.7.10,

**-> Revised CR to be provided**

[R2-2106300](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106300.zip) Correction on T325 Google Inc. CR Rel-15 38.331 15.13.0 2563 2 F NR\_newRAT-Core [R2-2104254](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104254.zip)

- Revise cover page similar as was done in revisions for corresponding CRs to 36331 (email discussion [201], R2-2106288 and R2-2106292)

**-> Revised CR to be provided**

[R2-2106308](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106308.zip) Correction on T325 Google Inc. CR Rel-16 38.331 16.4.1 2564 2 A NR\_newRAT-Core [R2-2104255](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104255.zip)

- Revise cover page similar as was done in revisions for corresponding CRs to 36331 (email discussion [201], R2-2106288 and R2-2106292)

**-> Revised CR to be provided**

[R2-2106325](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106325.zip) Clarification on SCS of active DL and UL BWP MediaTek Inc. CR Rel-15 38.331 15.13.0 2549 2 F NR\_newRAT-Core [R2-2104558](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104558.zip)

[R2-2106327](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106327.zip) Clarification on SCS of active DL and UL BWP MediaTek Inc. CR Rel-16 38.331 16.4.1 2550 2 A NR\_newRAT-Core [R2-2104559](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104559.zip)

[R2-2106390](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106390.zip) Correction to BWP capabilities Nokia, Nokia Shanghai Bell CR Rel-15 38.306 15.13.0 0549 2 F NR\_newRAT-Core [R2-2104573](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104573.zip)

[R2-2106391](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2106391.zip) Correction to BWP capabilities Nokia, Nokia Shanghai Bell CR Rel-16 38.306 16.4.0 0550 2 A NR\_newRAT-Core [R2-2104574](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104574.zip)

The below 6 treated in R17 Other last meeting

[R2-2105150](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105150.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-15 38.331 15.13.0 2495 2 F NR\_newRAT-Core [R2-2104581](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104581.zip)

[R2-2105151](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105151.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-16 38.331 16.4.1 2496 2 A NR\_newRAT-Core [R2-2104582](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104582.zip)

[R2-2105152](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105152.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-15 36.331 15.13.0 4646 1 F NR\_newRAT-Core [R2-2104583](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104583.zip)

[R2-2105153](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105153.zip) CR on RRC processing delay ZTE Corporation, Sanechips CR Rel-16 36.331 16.4.0 4647 1 A NR\_newRAT-Core [R2-2104584](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104584.zip)

[R2-2105180](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105180.zip) CR on the 35M/45M supporting-R15 ZTE Corporation, Sanechips CR Rel-15 38.306 15.13.0 0567 2 F NR\_FR1\_35MHz\_45MHz\_BW-Core [R2-2104548](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104548.zip)

- Use WI Code “TEI15, NR\_FR1\_35MHz\_45MHz\_BW-Core”

**-> Revised CR to be provided**

[R2-2105181](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_114-e/Docs//R2-2105181.zip) CR on the 35M/45M supporting-R16 ZTE Corporation, Sanechips CR Rel-16 38.306 16.4.0 0568 2 A NR\_FR1\_35MHz\_45MHz\_BW-Core [R2-2104549](http://www.3gpp.org/ftp/tsg_ran/WG2_RL2//TSGR2_113bis-e/Docs//R2-2104549.zip)

- Use WI Code “TEI16, NR\_FR1\_35MHz\_45MHz\_BW-Core”

**-> Revised CR to be provided**

**Q3 Late comments on IPA CRs not highlighted in the list above**

|  |  |  |
| --- | --- | --- |
| **Company** | **Which CRs**  | **What changes have been made?** |
|  | R2-21xxxxx |  |
|  |  |  |
|  |  |  |

## 2.2 Outcome of Phase 2:

- To be updated

# 3 Conclusion

- To be updated after discussion on Phase 1 -