3GPP TSG-RAN WG2 #110-e R2-20xxxxx

Electronic Meeting, 1st – 12th June 2020

Agenda Item: 5.4.1

Source: Ericsson

Title: [AT110e][003][NR15] Misc RRC Corrections

Document for: Discussion, Decision

# 1 Introduction

This document is to kick off the following email discussion:

* [AT110e][003][NR15] Misc RRC Corrections (Ericsson)

Scope: Treat R2-2005000 (IPA), R2-2005001 (IPA), R2-2005641 (IPA), R2-2005642 (IPA), R2-2005643 (IPA), R2-2005644 (IPA), R2-2004853 (IPA), R2-2004854 (IPA), R2-2005233 (IPA), R2-2005234 (IPA), R2-2005322, R2-2004912, R2-2004913, R2-2005165, R2-2005166 (proponents are responsible to explain and drive)

 Part 1: Agree In-principe agreed (IPA) CRs. Others: Decision whether to make corrections or not, identify agreeable corrections. Deadline: June 4, 0700 UTC.

 Part 2: Others: For agreeable parts, continuation to agree CRs. Deadline: June 10, 0700 UTC

# 2 Discussion

## 2.1 In-principle agreed CRs

In this email discussion, the following in-principles agreed CRs need to be checked by companies. The general understanding is that these CRs can be agreed unless there are changes with respect to the CRs submitted in the last RAN2#109bis-e meeting or if there is some main concern.

[R2-2005000](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005000.zip) Correction on PUCCH configuration Huawei, HiSilicon CR Rel-15 38.331 15.9.0 1567 2 F NR\_newRAT-Core R2-2004135

[R2-2005001](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005001.zip) Correction on PUCCH configuration Huawei, HiSilicon CR Rel-16 38.331 16.0.0 1568 2 A NR\_newRAT-Core R2-2004136

[R2-2005641](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005641.zip) Clarification on pdcp-Duplication at RRC Reconfiguration Samsung CR Rel-15 38.331 15.9.0 1534 2 F NR\_newRAT-Core R2-2004119

[R2-2005642](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005642.zip) Clarification on pdcp-Duplication at RRC Reconfiguration Samsung CR Rel-16 38.331 16.0.0 1587 1 A NR\_newRAT-Core R2-2004140

[R2-2005643](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005643.zip) Clarification on pdcp-Duplication at RRC Reconfiguration Samsung CR Rel-15 38.300 15.9.0 0221 1 F NR\_newRAT-Core R2-2004138

[R2-2005644](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005644.zip) Clarification on pdcp-Duplication at RRC Reconfiguration Samsung CR Rel-16 38.300 16.1.0 0222 1 A NR\_newRAT-Core R2-2004139

[R2-2004853](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2004853.zip) Clarification for SIB6, SIB7 and SIB6 acquisition during a measurement gap Ericsson, NTT DOCOMO INC, Nokia, InterDigital CR Rel-15 38.331 15.9.0 1630 - F NR\_newRAT-Core

[R2-2004854](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2004854.zip) Clarification for SIB6, SIB7 and SIB6 acquisition during a measurement gap Ericsson, NTT DOCOMO INC, Nokia, InterDigital CR Rel-16 38.331 16.0.0 1631 - A NR\_newRAT-Core

[R2-2005233](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005233.zip) Correction on the need for reconfiguration with sync in (NG)EN-DC, NR-DC and NE-DC Huawei, HiSilicon, Ericsson CR Rel-15 38.331 15.9.0 1571 2 F NR\_newRAT-Core R2-2004269

[R2-2005234](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005234.zip) Correction on the need for reconfiguration with sync in (NG)EN-DC, NR-DC and NE-DC Huawei, HiSilicon, Ericsson CR Rel-16 38.331 16.0.0 1572 2 A NR\_newRAT-Core R2-2004270

**Question 1: Is companies understanding that the CRs above can be formally agreed?**

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| Company | Comments |
| Qualcomm | We’re fine with the changes |
| Nokia | Okay |
| NTT DOCOMO | Yes, these can be agreed formally. |
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## 2.2 General RRC

Companies are requested to add their comments for each of the treated CRs of this email discussion in the boxes below (one for each CR to be treated).

### 2.2.1 Rapporteur CR

[R2-2005321](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005321.zip) Miscellaneous non-controversial corrections Set VI Ericsson CR Rel-15 38.331 15.9.0 1667 - F NR\_newRAT-Core

[R2-2005322](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2005322.zip) Miscellaneous non-controversial corrections Set VI Ericsson CR Rel-16 38.331 16.0.0 1668 - A NR\_newRAT-Core

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| Company | Comments |
| Qualcomm | We’re fine with the changes |
| Nokia | Okay |
| NTT DOCOMO | Agree |
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### 2.2.2 Correction on SpCell

[R2-2004912](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2004912.zip) Correction on SpCell OPPO CR Rel-15 38.331 15.9.0 1635 - F NR\_newRAT-Core

[R2-2004913](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_110-e%5CDocs%5CR2-2004913.zip) Correction on SpCell OPPO CR Rel-16 38.331 16.0.0 1636 - A NR\_newRAT-Core

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| Company | Comments |
| Qualcomm | The suggested changes are targeting 3 different IEs. We’re fine with the last change, however we carry a different opinion on the first 2 changes: * The "DownlinkConfigCommonSIB" and "UplinkConfigCommonSIB" fields are only relevant for the PCell and not the PSCell, as UE is not required to read the SIBs from the PSCell (if transmitted), therefore from UE perspective, the addition of “PSCell” is not relevant.

**We suggest replacing "SpCell (PCell of MCG or SCG)" by "PCell", in both locations.** |
| Nokia | Okay with Qualcomm suggestion. Also suggest to merge this to rapporteur CR |
| NTT DOCOMO | Agree with Qualcomm and Nokia that it should be merged into Rapporteur CR. |
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### 2.2.3 Handover terminology

[R2-2005165](file:///D%3A/Documents/3GPP/tsg_ran/WG2/RAN2/2005_R2_110-e/Docs/R2-2005165.zip) Correction to inter-system (intra-system) handover terminology Ericsson CR Rel-15 38.331 15.9.0 1653 - F NR\_newRAT-Core

[R2-2005166](file:///D%3A/Documents/3GPP/tsg_ran/WG2/RAN2/2005_R2_110-e/Docs/R2-2005166.zip) Correction to inter-system (intra-system) handover terminology Ericsson CR Rel-16 38.331 16.0.0 1654 - A NR\_newRAT-Core

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| Company | Comments |
| Qualcomm | We agree with the intention, but some changes are causing more confusion as it’s not specified whether is handover is within 5GC or EPC handover. Proposed changes:Change-1: to include “within 5GC”Change-2 to include “within the same system”Change-4 to include “within the same system” |
| Nokia  | Disagree. It seems not needed to remove term of inter-system or intra-system handover, as 38.300 defines intra-system and inter-system handover clearly. It is not clear if this really makes the spec cleaner.Intra-system Handover: Handover that does not involve a CN change (EPC or 5GC).Inter-system Handover: Handover that involves a CN change (EPC or 5GC) |
| NTT DOCOMO | Agree on the intention, but share the same view as Qualcomm mentioned. Especially, the 1st and 2nd changes and the change to the field description of fullConfig are losing the original intention.  |
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# Conclusion

In the previous sections we made the following observations:

Based on the discussion in the previous sections we propose the following:

# References

[1]