3GPP TSG-RAN WG2 #109bis-e Tdoc R2-20xxxxx

Elbonia, 20th – 30th April 2020

Agenda Item: 5.4.2 LTE changes related to NR

Source: Ericsson

Title: Summary of [AT109bis-e][059][NR15] LTE changes related to NR

Document for: Discussion, Decision

# 1 Introduction

This document contains a list of TDocs to be discussed in the offline discussion below. Companies are invited to give their views on each TDoc submitted.

* [AT109bis-e][059][NR15] LTE changes related to NR (Ericsson, CATT, Google, Nokia)

Scope: Treat all docs under AI 5.4.2

Part 1: Determine which issues that need resolution, find agreeable proposals. Deadline: April 23 0700 UTC

Part 2: For the parts that are agreeable, discussion will continue to agree on CRs.

# 2 List of TDocs

Companies are invited to give their views on each TDoc submitted below. TDoc containing Rel-16 shadow CR is listed together with the Rel-15 CR.

## R2-2002645 (+ R2-2002597) – Calculation of shortResumeMAC-I

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| **Company** | **Views** |
| CATT | The problem exists, but it is not backwards compatible. But we think the mistaken spec is TS 33.501…It was an agreement in RAN2#103 over R2-1811656: “Align the ResumeMAC inputs for LTE/5GC with NR”.The CR which changes TS 33.501 to the current status is S3-190425—it seems to be a part of many CRs which aims to add E-UTRA/5GC descriptions into TS 33.501, and added many texts. No related discussion is found. It is the 33.501 that doesn’t algin with the agreement made in RAN2.  |
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## R2-2002788 – Release of EN-DC

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| **Company** | **Views** |
| Nokia | Did we misunderstand something? The release and add would automatically do the parts that the CR wants to include. Could you please clarify? |
| CATT | The *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* are aplied for (NG)-ENDC only, so upon the MR-DC release, these parameters should be released too. As in RRC reestablishment and RRC resume procedure, the UE automatically release the MR-DC and release the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* too, it is reasonable to relase the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* automatically for UE upon the NW indicate the UE release the MR-DC explicity because there is no explicit siganling which can release the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* in current spec, if the UE keep the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* upon the MR-DC released by NW, the power will be limited for UE when the UE configured with SA, however if the NW wants to keep the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* upon the MR-DC reconfigruation with full configuration for SCG configuration, the NW can include the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* in the message. so we suggest to relase the *p-MaxEUTRA, p-MaxUE-FR1*, *tdm-PatternConfig* upon the NW indicate the UE relase the MR-DC. |
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## R2-2003684 – UE measurement capability requirements for NR

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| **Company** | **Views** |
| Nokia | We are in general okay with the principle but then about the exact values here. Is UE really expected to support the minimum of 32 cells for measObject NR (inter-RAT in this case, as CR is for LTE) and 32 cells in blackcell list? The table generally looks quite consistent and that value has remained fairly the same? Could you please explain? |
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## R2-2003156 (+ R2-2003157) – TTI bundling config. in NE-DC

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| **Company** | **Views** |
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# Conclusion

TBA