3GPP TSG-RAN WG2 #111-e R2-20xxxxx

Electronic Meeting, 17th – 28th August 2020

Agenda Item: 6.1.1

Source: Ericsson

Title: [AT111-e][013][NR16] RRC Misc I

Document for: Discussion, Decision

# 1 Introduction

This document is to kick off the following email discussion:

* **[AT111-e][013][NR16] RRC Misc I (Ericsson)**

Scope: Treat [R2-2007641](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2007641.zip), [R2-2007642](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2007097.zip), [R2-2007020](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2007119.zip), R2-2006915, [R2-2008040](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2008040.zip), [R2-2008041](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2008041.zip), R2-2008109 (proponents to drive), include other corrections to be merged with R16 RRC rapporteur CR (if any)

Part 1: Decision whether to make corrections, identify agreeable parts.

Deadline: Aug 20, 0900 UTC.

Part 2: For agreeable parts, continuation to agree CRs.

Deadline: Aug 26, 0900 UTC.

# 2 Discussion

To make it easier to find the correct contact delegate in each company for potential follow-up questions, the rapporteur encourages the delegates who provide input to provide their contact information in this table:

|  |  |
| --- | --- |
| Company | Delegate contact |
| Nokia, Nokia Shanghai Bell | Tero Henttonen ([tero.henttonen@nokia.com](mailto:tero.henttonen@nokia.com)) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

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).

### 2.1.1 ASN.1 Correction to maintain backwards compatibility

[R2-2007641](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2007641.zip) ASN.1 corrections to maintain backwards compatibility Ericsson, Nokia, Nokia Shanghai Bell, Huawei, HiSilicon CR Rel-16 38.331 16.1.0 1869 - F TEI16

|  |  |  |
| --- | --- | --- |
| Company | Agree?  (Yes or No) | Comments |
| Nokia, Nokia Shanghai Bell | Proponent | As the CR states, these were not noticed during CR implementation but break backward-compatibility with Rel-15 specifications. That’s why we think these are absolutely necessary and unfortunately there is no way to properly fix these except with NBC changes. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### 2.1.2 Correction to DLInformationTransferMRDC and RRCReconfigurationComplete

[R2-2008109](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2008109.zip) Correction on DLInformationTransferMRDC and RRCReconfigurationComplete Samsung CR Rel-16 38.331 16.1.0 1989 - F LTE\_NR\_DC\_CA\_enh-Core Late

|  |  |  |
| --- | --- | --- |
| Company | Agree?  (Yes or No) | Comments |
| Nokia, Nokia Shanghai Bell | Partly | We agree with the procedural text changes, but for the inter-node message we think it would be better to retain the existing structure and just limit that only one of the messages can be sent at a time in this release. That way it’s easier to extend this case if ever needed. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### 2.1.3 Remaining ASN.1 review issues

[R2-2007642](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2007642.zip) Remaining ASN.1 review issues Ericsson CR Rel-16 38.331 16.1.0 1870 - F NR\_eMIMO-Core, TEI16

|  |  |  |
| --- | --- | --- |
| Company | Agree?  (Yes or No) | Comments |
| Nokia, Nokia Shanghai Bell | Partly | The intent seems fine but the language for the field description change for the PL resources is not:  For the " *If this field is not configured,...* ***should be no more than 4***", it’s unclear what the text means as it’s not a requirement: Better use e.g. "*If this field is not configured,* ***network does not configure more than 4 RS resources for the pathloss estimates in PUCCH, PUSCH, or SRS configurations***". And even here it’s not clear if this is 4 for each configuration or 4 in total over all of the PUCCH/PUSCH/SRS configurations – we understood it to be 4 each, but would like to verify everyone has the same understanding. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### 2.1.4 Conditional presence of *si-RequestConfigSUL*

[R2-2007020](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2007020.zip) Clarification on the presence of the field *si-RequestConfigSUL* Fujitsu CR Rel-16 38.331 16.1.0 1772 - F NR\_newRAT-Core

|  |  |  |
| --- | --- | --- |
| Company | Agree?  (Yes or No) | Comments |
| Nokia, Nokia Shanghai Bell | Yes | Seems better to refer to the actual field names. Italicization should be added to *supplementaryUplink* and *servingCellConfigCommon*, though. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### 2.1.5 Extension scenarios for ToAddMod lists

[R2-2006915](file:///D:/Documents/3GPP/tsg_ran/WG2/TSGR2_111-e/Docs/R2-2006915.zip) Extension scenarios for ToAddMod lists MediaTek Inc. discussion Rel-16 NR\_newRAT-Core

|  |  |  |
| --- | --- | --- |
| Company | Agree?  (Yes or No) | Comments |
| Nokia, Nokia Shanghai Bell | Yes | The explanations and discussion in this document are very good and we agree with the intent fully. We also have two additional points for consideration:   * If we were to retain the critical extension for list, it is possible that the same ToReleaseList may be usable for entries configure by either ToAddModList, which can cause confusion. This has been discussed also earlier (see [R2-1811179](http://3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_103/Docs/R2-1811179.zip)) * The consequence of using NCE extensions is also that in general, ToAddMod-list entries should (typically) allow extendibility via ellipsis. While we understand this is always a case-by-case consideration, the guidelines could also incorporate suggestion on that (while also mentioning that for size-critical cases this is not always desirable and other mechanisms can be also used). This is primarily to ensure extendibility is not forgotten when creating new ToAddMod-list entries. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Conclusion

In the previous sections we made the following observations:

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

# References

[1]