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

Electronic Meeting, 17th – 28th August 2020

Agenda Item: 5.4.1.4

Source: Ericsson

Title: [AT111-e][007][NR15] Inter Node and NR Misc (Ericsson)

Document for: Discussion, Decision

# 1 Introduction

This document is to kick off the following email discussion:

* **[AT111-e][007][NR15] Inter Node and NR Misc (Ericsson)**

 Scope: Treat [R2-2006884](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006884.zip), [R2-2006885](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006885.zip), [R2-2007674](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007674.zip), [R2-2007675](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007675.zip), [R2-2007643](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007643.zip), [R2-2007644](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007644.zip), [R2-2006999](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006999.zip), [R2-2007000](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007000.zip) (proponents to drive)

 Part 1: Decision whether to make corrections, identify agreeable parts. Identify Controversial issues for on-line treatment (if any).

 Deadline: Aug 20, 0900 UTC.

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

 Deadline: Aug 26, 0900 UTC.

# 2 Discussion

## 2.1 Inter-Node RRC messages

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 Clarification on CG-ConfigInfo for NR-DC and NE-DC

[R2-2006884](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006884.zip) Clarification on CG-ConfigInfo for NR-DC and NE-DC Google Inc. CR Rel-15 38.331 15.10.0 1745 - F NR\_newRAT-Core

[R2-2006885](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006885.zip) Clarification on CG-ConfigInfo for NR-DC and NE-DC Google Inc. CR Rel-16 38.331 16.1.0 1746 - A NR\_newRAT-Core

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| --- | --- | --- |
| Company | Agree?(Yes or No) | Comments |
| Huawei | Yes, but | The change is informative and does not affect ASN.1, we support the motivation.However, the change is not very articulate by using the slash:NOTE 3: The following table indicates per source RAT and target RAT whether RAT capabilities are included or not in *ue-CapabilityInfo*.

|  |  |  |  |
| --- | --- | --- | --- |
| Source RAT/Target RAT | NR capabilities | E-UTRA capabilities | MR-DC capabilities |
| E-UTRA/NR | Included | Not included | Included |
| NR/E-UTRA | Not included | Included | Included |
| NR/NR | Included | Not included | Included |

We suggest adding a new column for target RAT or using “&”:NOTE 3: The following table indicates per source RAT and target RAT whether RAT capabilities are included or not in *ue-CapabilityInfo*.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Source RAT | Target RAT | NR capabilities | E-UTRA capabilities | MR-DC capabilities |
| E-UTRA | NR | Included | Not included | Included |
| NR | E-UTRA | Not included | Included | Included |
| NR | NR | Included | Not included | Included |

OrNOTE 3: The following table indicates per source RAT and target RAT whether RAT capabilities are included or not in *ue-CapabilityInfo*.

|  |  |  |  |
| --- | --- | --- | --- |
| Source RAT&Target RAT | NR capabilities | E-UTRA capabilities | MR-DC capabilities |
| E-UTRA&NR | Included | Not included | Included |
| NR&E-UTRA | Not included | Included | Included |
| NR&NR | Included | Not included | Included |

 |
| Nokia | Yes | Okay to support this as others indicated.Our comments is for NR DC, EUTRAN capability should be Not Applicable instead of what is currently proposed? |
| ZTE | Yes | Regarding the suggestion from Huawei, we prefer to add a new column for “target RAT”.  |
| NEC | Yes | prefer to go with ZTE proposal |
|  |  |  |
|  |  |  |

### 2.1.2 Clarification on scg-RB-Config

[R2-2007674](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007674.zip) Clarification on scg-RB-Config Huawei, HiSilicon CR Rel-15 38.331 15.10.0 1877 - F NR\_newRAT-Core

[R2-2007675](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007675.zip) Clarification on scg-RB-Config Huawei, HiSilicon CR Rel-16 38.331 16.1.0 1878 - A NR\_newRAT-Core

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| --- | --- | --- |
| Company | Agree?(Yes or No) | Comments |
| Huawei | Yes | RAN3 has agreed to support delta configuration for SN terminated bearer during SN initiated SN release procedure for EN-DC.The CRs are just capturing the omission in RAN2 and will not bring backward compatible issues. |
| Nokia | Yes | This is in alignment with RAN3 decision. |
| ZTE | Yes |  |
| NEC | Yes |  |
|  |  |  |
|  |  |  |

## 2.2 NR Other

### 2.2.1 Rapporteur Misc CR

[R2-2007643](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007643.zip) Miscellaneous non-controversial corrections Set VII Ericsson CR Rel-15 38.331 15.10.0 1871 - F NR\_newRAT-Core

[R2-2007644](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007644.zip) Miscellaneous non-controversial corrections Set VII Ericsson CR Rel-16 38.331 16.1.0 1872 - A NR\_newRAT-Core, TEI16

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| --- | --- | --- |
| Company | Agree?(Yes or No) | Comments |
| Huawei | Yes | The changes are editorial. |
| Nokia | Yes | No problem. |
| ZTE | Yes |  |
| MediaTek | Yes |  |
| NEC | Yes |  |
|  |  |  |

### 2.2.2 Correction based on the rule of field and IE usage

[R2-2006999](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006999.zip) Corrections Based on the Rule of Field and IE Usage CATT CR Rel-15 38.331 15.10.0 1765 - F NR\_newRAT-Core

[R2-2007000](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007000.zip) Corrections Based on the Rule of Field and IE Usage CATT CR Rel-16 38.331 16.1.0 1766 - F NR\_newRAT-Core

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| --- | --- | --- |
| Company | Agree?(Yes or No) | Comments |
| Nokia | Prefer not to have this, but | This is partly correct but not so necessary: Sometimes we have used IE name to refer to entries in a list to be generic, sometimes not. We don't see this as critical but it could be considered as part of rapporteur CR. The room for error is quite small, though, but some parts would increase readability and consistency. |
| ZTE |  | Similar view as Nokia. In addition, by setting this rule, companies have to keep in mind when drafting CRs in the future, not sure if this is easy to achieve. |
| MediaTek | No strong view | The CR looks correct but not essential. It would be ok to include in rapporteur’s CR. |
| NEC | No strong view | however, as changes are not essential, Rapporteur CR seems better by including where really necessary. |
|  |  |  |
|  |  |  |

# Conclusion

In the previous sections we made the following observations:

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

# References

[1]