3GPP TSG-RAN WG2 #119-e R2-22xxxxx

Electronic Meeting, Aug 17th – 29th, 2022

Agenda Item: 6.0.2

Source: Ericsson

Title: [AT118-e][013][NR17] RRC I (Ericsson)

Document for: Discussion, Decision

# 1 Introduction

The following document summarizes the following email discussion:

* [AT119-e][013][NR17] RRC I (Ericsson)

Scope: Treat [R2-2207776](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207776.zip), [R2-2208654](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2208654.zip), [R2-2207267](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207267.zip), [R2-2207002](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207002.zip), [R2-2207006](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207006.zip), [R2-2207013](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207013.zip), [R2-2208141](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2208141.zip) (if available), and [R2-2208133](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2208133.zip) (MINT in [6.24.3])

Determine agreeable parts, For agreeable parts, agree CRs.

Intended outcome: Report, Agreed CRs, LS out if applicable

Deadline: Schedule 1

A **first round** with **Deadline for comments W1 Friday Aug 19th 1400 UTC** to settle scope what is agreeable etc.

A Final round with **Final deadline W2 Thursday Aug 25th 1200 UTC** to settle details / agree CRs etc.

Companies are invited to fill in contact details.

|  |  |
| --- | --- |
| **Company** | **Contact details** |
| Samsung | Seungri Jin (seungri.jin@samsung.com) |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

# 3 Discussion, First round

## 3.1 UE handling of cell-specific parameters provided in dedicated signalling

[R2-2207776](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207776.zip) UE handling of cell-specific parameters provided in dedicated signalling Huawei, HiSilicon discussion Rel-17 TEI17, NR\_MBS\_enh-Core

**Q1. Do companies agree with the intention of the propsal and TP of the document above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | No | From our understanding, ServingCellConfig is definetly confiugred per UE after checking the UE capabilities. In that sense, BWP-DownlinkCommon and/or BWP-UplinkCommon configured in ServingCellConfig are not the exceptional case of ”inability to comply with RRCReconfiguration” what specified for ServingCellConfigCommon. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.2 Correction on UERadioPagingInformation and UERadioPagingInfo container

[R2-2208654](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2208654.zip) Correction on UERadioPagingInformation and UERadioPagingInfo container Ericsson CR Rel-17 38.331 17.1.0 3460 - F NR\_newRAT-Core, NR\_redcap-Core

**Q2. Do companies agree with the intent of the CR above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | Yes | This change is NBC, but we think it is needed. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.3 Unified TCI state with deactivated SCG

[~~R2-2207002~~](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207002.zip) ~~Corrections to initiation upon reception of RAN paging and T380 Expiry Samsung Electronics Co., Ltd draftCR Rel-17 38.331 17.1.0 NR\_newRAT-Core, NR\_SmallData\_INACTIVE-Core~~

[R2-2207267](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207267.zip) Unified TCI state with deactivated SCG Nokia, Nokia Shanghai Bell discussion Rel-17 LTE\_NR\_DC\_enh2-Core, NR\_FeMIMO-Core

**Q3. Do companies agree with the intent of the CR above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | Yes, but | From our understanding, unified TCI state with SCG deactivation could be configured together because there has no restrictions what RAN1/RAN2 made. If this is true, we tend to agree the proposals to correct the tci-info.  For the detail ASN.1 changes proposed in this draft CR, NBC corrections in terms of ASN.1 are proposed. We agree this is cleaner approach but it requires more RAN2 concensus. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.4 Corrections to initiation upon reception of RAN paging and T380 Expiry

[R2-2207002](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207002.zip) Corrections to initiation upon reception of RAN paging and T380 Expiry Samsung Electronics Co., Ltd draftCR Rel-17 38.331 17.1.0 NR\_newRAT-Core, NR\_SmallData\_INACTIVE-Core

**Q4. Do companies agree with the intent of the CR above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | Yes (Proponent) | Scenario: RRC initiate resumption procedure in RRC\_INACTIVE. While the resumption is ongoing, T380 expires.  Case 1: resumption is initiated for SDT   * Normative text is added in specification to prohibit initiating the second resumption procedure while the first one is ongoing.   Case 2: resumption is not initiated for SDT   * No text (neither normative text nor NOTE) is added in specification to prohibit initiating the second resumption procedure while the first one is ongoing * RAN2#113bis Agreement: The UE should not start the 2nd RRC resumption procedure when there is a RRC resumption procedure ongoing (no spec change required)   In our understanding, in both the cases, second resumption procedure should not be initiated while the first one is ongoing. The specification should be consistent in handling both the cases. Specifying normative text in one case and not in another is misleading. Its gives an impression that only in case 1, second resumption is prohibited while the first one is ongoing. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.5 MsgA PUSCH resource release upon T304 expiry for SCG

[R2-2207006](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207006.zip) MsgA PUSCH resource release upon T304 expiry for SCG Samsung Electronics Co., Ltd draftCR Rel-17 38.331 17.1.0 NR\_newRAT-Core

**Q5. Do companies agree with the intent of the CR above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | Yes (Proponent) | Upon T304 expiry of MCG, RRC (section 5.3.5.8.3) releases dedicated msgA PUSCH resources provided in rach-ConfigDedicated if configured. The same operation should also be performed uponT304 expiry of SCG, as the according to MAC and RRC R17 spec *cfra-TwoStep* is supported for reconfigurationWithSync of both MCG and SCG. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.6 Corrections to MBS paging monitoring during the SDT procedure

[R2-2207013](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2207013.zip) Corrections to MBS paging monitoring during the SDT procedure Samsung Electronics Co., Ltd draftCR Rel-17 38.331 17.1.0 NR\_SmallData\_INACTIVE-Core, NR\_MBS-Core

**Q6. Do companies agree with the intent of the CR above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | Yes (Proponent) | In the SDT WI it was agreed that UE does not monitor paging message while the SDT procedure is ongoing. UE only monitors SI update/emergency notifications.  According to current spec, in RRC\_INACTIVE, for MBS multicast reception, UE monitors a Paging channel for paging using TMGI. TMGIs are included in paging message. So this basically means that UE monitors paging message in RRC\_INACTIVE.  Considering that SDT procedure can be initiated by UE which is also supports MBS, it should be clarified that  While SDT procedure is not ongoing, UE in RRC\_INACTIVE monitors a Paging channel for paging using TMGI for multicast reception. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.7 Miscellaneous non-controversial corrections Set XV

[R2-2208141](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2208141.zip) Miscellaneous non-controversial corrections Set XV Ericsson CR Rel-17 38.331 17.1.0 3362 - F NR\_newRAT-Core Late

**Q7. Do companies agree with the intent of the CR above?**

(Companies are invited to indicate further typos etc. We are also all aware that many editorials are taken care of in WI CRs.)

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Samsung | Yes |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 3.8 Correction to MINT – applicableDisasterInfoList

[R2-2208133](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_119-e/Docs//R2-2208133.zip) Correction to MINT - applicableDisasterInfoList Ericsson CR Rel-17 38.331 17.1.0 3359 - F TEI17

**Q8. Do companies agree with the intent of the CR above?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
| Ericsson | Yes | This was a mistake when implementing MINT. |
| Samsung | Yes | We agree with the proposed change. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# 5 Conclusion

To be added.