3GPP TSG-RAN WG2 #118-e R2-220xxxx

Electronic meeting, 9th May – 20th May 2022

Agenda Item: 6.0.2

Source: Ericsson

Title: [AT118-e][023][NR17] RRC I (Ericsson)

Document for: Discussion, Decision

# 1 Introduction

The following document summarizes the following email discsson:

* [AT118-e][023][NR17] RRC I (Ericsson)

Scope: Treat R2-2206084, R2-2206985. Take into account also other agreements that should be captured in the Rapporteur CR. Treat R2-2205969, R2-2205970, R2-2205971 to the extent needed to progress the CR. Take into account other meeting agreements to be captured in the Rapporteur general CR.

Intended outcome: initial endorsement of submitted CR, in the end agreed CR including updates for meeting agreements. Report.

Deadline: Rapporteur set

[R2-2206084](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_118-e\Docs\R2-2206084.zip) ASN1 review general corrections Ericsson CR Rel-17 38.331 17.0.0 3164 - F TEI17

[R2-2206085](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_118-e\Docs\R2-2206085.zip) RIL list General ASN1 issues Ericsson discussion Rel-17 TEI17

[R2-2205969](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_118-e/Docs//R2-2205969.zip) NR Rel-17 ASN1 review file Ericsson discussion Rel-17 TEI17 Late

[R2-2205970](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_118-e/Docs//R2-2205970.zip) NR Re-17 RIL list Ericsson discussion Rel-17 TEI17 Late

[R2-2205971](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_118-e/Docs//R2-2205971.zip) NR Rel-17 Class0 issues Ericsson discussion Rel-17 TEI17 Late

# 3 Discussion

## 3.1 Draft CR on “ASN1 review general corrections”

The draft CR covers the following RILs: I016, E124, E125, H585, H590, H591, H592.

Details from discussion on RIL implementation in the CR are presented in Annex.

Since there is impact on Rel-15/16 versions of 38.331, draft Rapporteur CRs for Rel-15/Rel-16 will be provided by the RRC Rapporteur.

The Rel-15/16 Rapporteur CRs (and the Draft CR on “ASN1 review general corrections”) will also cover other minor corrections agreed to be merged to 38331 Rapporteur CR from this meeting.

Short email discussion is proposed to allow final check of Rel-17 CR, and Rel-15/16 38331 Rapporteur CRs (R2-2206086 and R2-2206086).

1. Short email discussion to agree on CR “ASN1 review general corrections” together with Rel-15/16 38331 Rapporteur CRs.

## 3.2 RIL H589

The Rapporteur proposal (and supported by 2 companies) to reject H589 based on earlier TEI agreements was challenged by one company. Even alternative solutions were proposed at a late stage.

**RIL]**: H589 **[Delegate]**: Dawid Koziol **[WI]**: **SISched [Class]**:2 **[Status]**: ToDo **[TDoc]**: None **[Proposed Conclusion]**:

**[Description]**: SIBs that were added as part of Rel-17 are missing here.

**[Proposed Change]**:

type ENUMERATED {sibType2, sibType3, sibType4, sibType5, sibType6, sibType7, sibType8, sibType9, sibType10-v1610, sibType11-v1610, sibType12-v1610, sibType13-v1610,

sibType14-v1610, sibType15-v1700, sibType16-v1700, sibType17-v1700~~, spare3, spare2, spare1~~,..., sibType18-v1700, sibType19-v1700, sibType20-v1700, sibType21-v1700 },

**[Comments]**:

The Rapporteur proposes to continue discussion. Attempt to reach consensus in a short email discussion. If no consensus is reached, postpone the RIL for next meeting.

1. Short email discussion to attempt to reach consensus on RIL H589.

## 3.3 Other

[R2-2206085](file:///C:\Users\mtk65284\Documents\3GPP\tsg_ran\WG2_RL2\TSGR2_118-e\Docs\R2-2206085.zip) RIL list General ASN1 issues Ericsson discussion Rel-17 TEI17

This document was not discussed in the email discussion and can be Noted.

[R2-2205969](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_118-e/Docs//R2-2205969.zip) NR Rel-17 ASN1 review file Ericsson discussion Rel-17 TEI17 Late

[R2-2205970](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_118-e/Docs//R2-2205970.zip) NR Re-17 RIL list Ericsson discussion Rel-17 TEI17 Late

[R2-2205971](http://www.3gpp.org/ftp//tsg_ran/WG2_RL2/TSGR2_118-e/Docs//R2-2205971.zip) NR Rel-17 Class0 issues Ericsson discussion Rel-17 TEI17 Late

These documents were supposed to be provided by the 38331 RRC Rapp as the latest versions provided in the ASN.1 review. 38331 RRC Rapp provided them late to the Inbox. The documents were not discussed in the email discussion and can be Noted.

1. R2-2206085, R2-2205969, R2-2205970, R2-2205971 where not discussed in the email discussion and can be Noted.

# 5 Conclusion

The following is proposed as result of this email discussion.

1. Short email discussion to agree on CR “ASN1 review general corrections” together with Rel-15/16 38331 Rapporteur CRs.
2. Short email discussion to attempt to reach consensus on RIL H589.
3. R2-2206085, R2-2205969, R2-2205970, R2-2205971 where not discussed in the email discussion and can be Noted.

# Annex, Comments on RIL implementation in draft CR

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| **I016** | **pci-ARFCN-r17 is used in many places** |

ASN1 AdHoc outcome: "Agreed (for NR and LTE), and shall take into acct the already defined IE and NR/EUTRA difference".

38331 Rapp: The following has been implemented::

- Introduced new IEs PCI-ARFCN-NR-r16 and PCI-ARFCN-EUTRA-r16 in own IE sections, and used them in other parent IEs. Note Rel-16 impact that does not impact the encoded bits!!

- Keept separate IE PCI-ARFCN-NR-r17 in MBS-NeighbourCellList-r17, but renamed to MBS-NeighbourCell-17 (since in this IE, carrierFreq-r17 ARFCN-ValueNR is OPTIONAL)

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| Company | Comment |
| Lenovo | Ok, but wrong IE assignment in eutra-CellId-r16 and eutra-CellId-r17 needs to be fixed.  Further, typos in the naming of MBS-NeighbourCell-r17 in MBS-NeighbourCellList-r17 need to be fixed.  EriRapp: Fixed |
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| **E124** | **Avoid IMPORTS from PC5 of BandCombinationParametersSidelinkNR-r16** |

1. Deleted IMPORTS of BandCombinationParametersSidelinkNR-r16 from PC5-RRC-Definitions.
2. Deleted RRC IEs BandCombinationListSL-NonRelayDiscovery and BandCombinationListSL-RelayDiscovery.
3. In RRC RF-parameters, for supportedBandCombinationListSL-RelayDiscovery-r17 introduced OCTET STRING that contains PC5 BandCombinationListSidelinkNR-r16.
4. In RRC RF-parameters, for supportedBandCombinationListSL-NonRelayDiscovery-r17 introduced OCTET STRING that contains PC5 BandCombinationListSidelinkNR-r16.
5. **Not implemented yet but proposed in E124:** Inclusion of SL BandCombination list in UE capability enquiry filtering.

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| Company | Comment |
| Lenovo | OK for the changes 1 to 4. |
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| **E125** | **Avoid IMPORTS of sl-MeasResultsCandRelay from PC5 or re-definition of PC5 IEs** |

1. sl-MeasResultsCandRelay in RRC MeasResults: Introduced OCTET STRING that contains PC5 SL-MeasResultRelay-r17
2. sl-MeasResultServingRelay-r17 in RRC MeasResults: Introduced OCTET STRING that contains PC5 SL-MeasResultRelay-r17
3. sl-MeasResultListRelay-r17 in RRC SL-MeasResultsRelay: Introduced OCTET STRING that contains PC5 SL-MeasResultListRelay-r17
4. CellAccessRelatedInfo, maxNrofRelayToMeasure-r17 and SL-SourceIdentity-r17 IMPORTed to PC5 module
5. New IEs PC5 IEs SL-MeasResultListRelay-r17 and SL-MeasResultRelay-r17 defined in PC5 MeasurementReportSidelink message section (there is no sections for PC5 IEs)

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| **H585** | **Add a new IE for Time Alignment Timer.** |

New IE section for TimeAlignmentTimer has been added in 6.3.2.

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| Company | Comment |
| Lenovo | Ok, but will this be also captured in the R15/R16 rapporteur CRs as agreed in the AH meeting?  Further, a typo in the IE description needs to be fixed and ”TAG field descriptions” can be removed.  EriRapp: Yes, this will be captured in Rel-15/16 Rapp CR. Typos now fixed. |
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| **H590** | **Add spare values in the SchedulingInfolist2.** |

9 spare values are added to SchedulingInfolist2 type1/type2 fields.

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| **H591** | **Clarification of SI-WindowPosition Field description.** |

It is clarified that SI windows of SI messages scheduled via schedulingInfoList/posSchedulingInfoList and schedulingInforList2 should not overlap in time.

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| **H592** | **Change conditional tag name from SIB-TYPE-POS to NonPosSOB** |

Changed the name of the condition to “NonPosSIB”.

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