**3GPP TSG-RAN WG2 Meeting #110e R2-20xx**

**1-12 June 2020**

**Agenda item: X.X**

**Source: Ericsson**

**Title: [Post109bis-e][943][2s-RA] RRC open issues (Ericsson))**

**Document for: Discussion and decision**

# Introduction

This document will capture the open issues and suggested solutions identified during the following email discussion:

* [Post109bis-e][943][2s-RA] RRC open issues (Ericsson)

 Address stage-3 remaining open issues. Capture identified NEW, if any, stage-3 corrections/issues from ASN.1 review.  Issues that have already been discussed and not pursued should not be brought up again.

      Intended outcome: Agreable proposals and CR for 38.331 addressing open issues Deadline: Next Meeting, ASN.1 review schedule

New or open issues in R2-2004288 not concluded and proposed to be discussed are to be addded in this document. As background, companies may include history with comments provided during RAN2#109bis-e.

**🡪 For any remaining WI specific issues that don’t have an associated RIL#, add a RIL comment to the ASN.1 file.**

A format similar to the one used in ASN.1 discussion should then be used here to enable merging. The guidelines for reporting issues for ASN.1 can be found in **R2-2003869 Rel-16 ASN.1 review plan, phase 2.**

**[Issue #]:** “single letter” + 3 digits

**[Class]:** **Shall be set to value 2 or 3.** Purely editorial Class 0/1 is planned to be fixed in the WI-CR.

1. **Trivial** e.g. editorials, commas, colon, misspelling, missing/ double spaces, italics etc.
See procedure for Class 0 and Class 1 issues below.
2. **Minor** e.g. quite straightforward changes e.g. correction/ addition of specification references or sub-clauses.
See procedure for Class 0 and Class 1 issues below.
3. **ASN.1 session** **issue** e.g. ASN.1 issue e.g. related to need codes, extensibility, alternative encoding, ASN.1/ guidelines, general protocol (consistency) issue or issue affecting more than one WI
4. **WI session issue i**.e. an issue that is not purely ASN.1 but has some impact on functionality but only affecting a single WI.

# Open issues/RIL for 2-Step RA NR RRC Phase 2

| **ID** | **Class**  | **IE name** | **Subclause** | **Description** | **Correction** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

# 3 Conclusion

# Conclusion

**EASY AGREEMENTS**

**Proposal 1: (Issue U506 and U557) Extend RSSI/CO measurements to inter-frequency (as in LTE LAA). The IE *rmtc-SubframeOffset-r16* is Optional for inter-frequency (as in LTE LAA).**

**Proposal 2: (Issue U510) Keep the ASN.1 for *useInterlacePUCCH-PUSCH-r16* as ENUMERATED {true} with Need M. No changes to the 38.331 is needed.**

**Proposal 3: (Issue U515) The IE for signaling of Q in measurement object is kept Optional. It is added to the field description that the UE applies default value 8 when not signaled.**

**Proposal 4: (Issue U528) No changes to the field description of *ra-ResponseWindow* is needed.**

**Proposal 5: (Issue U538) Move the IEs *searchSpaceGroupIdList-r16* and *freqMonitorLocations-r16* from *SearchSpace* to *SearchSpace-v16xy* in order to allow search space switching for Type-3 CSS.**

**Proposal 6: (Issue U544) No changes are made to the field description of *ssb-PositionInBurst.***

**Proposal 6b: If Proposal 6 is not agreed, introduce the following changes in order to address U544:**

* For *ServingCellConfigCommon, a*dd “If *ssb-PositionQCL* is configured”in the field description of *ssb-PositionsInBurst* before *“*the UE expects that a bit at position k > *ssb-PositionQCL* is 0”
* For *ServingCellConfigCommonSIB*, modify field description of *ssb-PositionsInBurst* as follows: “The UE assumes that a bit at position k > is 0, where is obtained from MIB as specified in TS 38.213 [13], clause 4.1”

**Proposal 7: (Issue U548) No changes are made to the field description of *measRSSI-ReportConfig***

**Proposal 8: (Issue U555) Introduce text for setting *failureType* as *scg-lbtFailure* in 5.7.3.5 (corresponding to NR-NRU DC)**

**Proposal 9: (Issue 558) No changes are made to *betaOffsetCG-UCI-r16* IE.**

**Proposal 10: (Issue 559) The IE *ChannelAccessMode* is kept in *ServingCellConfigCommon* without any changes.**

**Proposal 11: (Issue 561) No changes are made to the structure of IE *searchSpaceGroupIdList-r16.***

**Proposal 12: Agree to the editorial changes suggested in:**

U563: Change “neighbour” to “this serving cell” for field description of *ssb-PositionQCL* in *ServingCellConfigCommon*

U564: Change semistatic to semiStatic

**NEEDS ONLINE DISCUSSION**

**Proposal 13: (Issue U549) It should be clarified that the “when a (first) measurement result is available” for RSSI reporting in 5.5.4.1 is only applicable to *reportType* set to *periodical*.**

**Proposal 14: (Issue U551) Move *ssb-PositionQCL-Common* from *MeasObjectNR* to sub-element *SSB-ConfigMobility* within *MeasObjectNR.***

**Proposal 15: (Issue U552) Movecell specific Qfrom *MeasObjectNR* to sub-element *SSB-ConfigMobility* within *MeasObjectNR*. However, do not change the structure, i.e. keep the list.**

**Proposal 16: (Issue 540) Change the text for RSSI reporting as follows:** “the UE measures and reports on~~any~~ the defined measurement bandwidth and configured time domain measurement resources on the indicated frequency.”

**Proposal 17: (U801) Putfrequency specific Q values in the *MeasObjectNR* for E-UTRAN, include *ssb-PositionQCL-CommonNR* in the existing IE *RS-ConfigSSB-NR-r15***

**Proposal 18: (U802) Per-cell Q value can be broadcasted in LTE SIB24 for NR-U neighbour cells.**

**CHANGING PREVIOUS AGREEMENTS**

**Proposal 19: (Issue 560) The UE applies default guard band when signalling is absent; no guard band is signalled by an explicit IE.**

**NEEDS FURTHER DISCUSSION**

The following issues are related to aligning RAN2 and other group specs or there was no feedback or there was no clear majority so should be kept open for further discussion.

**Proposal 20: Further discuss the following issues until next RAN2 meeting:**

U550: L1 measurement period vs duration

U554, U556: field description for *cg-minDFIDelay*

U562: Change the minimum size of multi-TTI PUSCH table (allow list with single entry)

U567: CAPC determination when DCI 0\_0 is used.