**3GPP TSG-****RAN2 Meeting#xxx R2-24xxxxx**

**Tbd**

**Agenda Item:** XXX

**Source:** Ericsson

**Title:** NR R18 38.331 ASN.1 Review, Class 0 issues

**Document for:** Discussion and decision

# Guidelines

* This file is used to log NR 38.331 ASN.1 Review Class 0 issues.
  + **- Typo, minor wording improvement etc.**
  + **- ASN.1 field not following naming rules (e.g. incorrect suffix, capitalization, “-“, etc).**
* Fill in the columns, see example.
  + Make sure the inserted specification text is unique, such that the location of the issue is simple to find.
  + Avoid indicating duplicated issues by checking if the concerned specification text is already reported in the table.
  + Step the file name v(x) -> v(x+1) and upload to ftp server.
* Try to identify related WI/TEI for the issue.
* The “Status” column is filled in by the WI CR editor/RRC Spec Rapporteur when the issue is implemented in a CR. Use the following:
  + WI-code (when implemented in a WI CR
  + REJ (when issue is rejected)
  + DUPL (for duplicate issues)

# Class 0 issues

| **Issue** | **ASN1?**  **Y/N** | **Copied existing specification text.**  **Text should be unique, so that it can be easily found in the specification.**  **If needed, add also the new text.** | **Comment/description/**  **correction** | **Related WI** | **Email address** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| Ex 1 | N  N | 2> derive the KUPint key associated with the *integrityProtAlgorithm* indicated in the SecurityModeCommand message, as specified in TS 33.501 [11]; | Missing italics. | Mob | hakan.l.palm@ericsson.com |  |
| Ex 2 | N | PUSCH scheduled by RAR UL grant (see 38.213 clause 8.3 and 38.214 clause 6.1.2.2) and uses interlaced PUCCH Format 0, 1, 2, and 3 for cell-specific PUCCH (see TS 38.213 [13], clause 9.2.1). | Incorrect reference, should be 9.2.101. | SDT | hakan.l.palm@ericsson.com |  |
| Ex 3 | Y | RbSetGroup, rbSetGroups | RB-SetGroup, rb-SetGroups |  | hakan.l.palm@ericsson.com |  |
| 4 | N | 1> if the received *OtherConfig* includes *gapOccasionCancelRatioReportConfig*:  2> if *gapOccasionCancelRatioReportConfig* is set to *setup*: | It should be *otherConfig*. | XR | xuhao@catt.cn |  |
| 5 | N | *UE-TimersAndConstantsRemoteUE* field descriptions  ***t300-RemoteUE***  Indicates the timer value of T300 used by L2 U2N Remote UE. If the field is absent, the timer value indicated in t300 applies to L2 U2N Remote UE. The effective T300 value for the L2 U2N Remote UE, accounting for both the Uu and PC5 hop components,, is obtained by multiplying the base T300 timer value by the Hop Count. For a single-hop scenario involving one Relay UE, the Hop Count is 1. For multi-hop scenarios involving two or three Relay UEs, the Hop Count is 2 or 3, respectively.  ***t319-RemoteUE***  Indicates the timer value of T319 used by L2 U2N Remote UE. If the field is absent, the timer value indicated in t319 applies to L2 U2N Remote UE. The effective T319 value for the L2 U2N Remote UE, accounting for both the Uu and PC5 hop components,, is obtained by multiplying the base T319 timer value by the Hop Count. For a single-hop scenario involving one Relay UE, the Hop Count is 1. For multi-hop scenarios involving two or three Relay UEs, the Hop Count is 2 or 3, respectively. | Redundant punctuation should be deleted. | SLRelay | [xuhao@catt.cn](mailto:xuhao@catt.cn) |  |
| 6 | N | ***rach-Less***  This field is set if the successful HO report is trigged by RACH-less LTM cell switch. | Typo, it should be “triggered” | SONMDT | tangxun@catt.cn |  |
| 7 | N | 3> set *pSCellId* to the the global cell identity and tracking area code, if available, and otherwise the physical cell identity and carrier frequency of the source PSCell (in case of PSCell change) or PSCell (in case of no PSCell change); | Duplicate “the” | SONMDT | tangxun@catt.cn |  |
| 8 | N | 3> set the *measResultListNR* in *measResultNeighCells* to include all the available measurement quantities of the best measured cells, other than the source PCell (in case HO failure) or PCell (in case RLF), and other than the source PSCell (in case of PSCell change) or PSCell (in case of no PSCell change) if the UE was configured with *condExecutionCond* and *condExecutionCondPSCell* and if the UE supports RLF-Report for conditional handover with candidate SCG ordered such that the cell with highest SS/PBCH block RSRP is listed first if SS/PBCH block RSRP measurement results are available, otherwise the cell with highest SS/PBCH block RSRQ is listed first if SS/PBCH block RSRQ measurement results are available, otherwise the cell with highest SS/PBCH block SINR is listed first, based on the available SS/PBCH block based measurements collected up to the moment the UE detected failure; | A comma should be added between “SCG” and “ordered”. | SONMDT | tangxun@catt.cn |  |
| 9 | N | ***fulfilledConfigWhenChoOnly***  This field indicates if the execution conditions for conditional handover or conditional PSCell change/addition was fulfilled at the time of receiving a complementary conditional reconfiguration i.e., a conditional reconfiguration for a candidate PCell for which atleast one CHO with conditional SCG is already configured. | A space should be added between “at” and “least”. | SONMDT | tangxun@catt.cn |  |
| 10 | N | 1> if configured to provide its preference on time offset for LP-WUS monitoring of a cell group:  2> if [the UE has a preference on time offset for LP-WUS monitoring of the cell group and] the UE did not transmit a *UEAssistanceInformation* message with *lpwus-OffsetPreference* for the cell group since it was configured to provide its preference on time offset for LP-WUS monitoring of the cell group for power saving; or | Typo “[“ and “]” | LPWUS | rama.kumar@huawei.com |  |
| 11 | Y | lpwus-OverlaidSeqRoots in “lpwus-MvalueAndSeqConfigFR1-r19” and “lpwus-MvalueAndSeqConfigFR2-r19” | Missing “-r19” for “lpwus-OverlaidSeqRoots” in 3 places | LPWUS | rama.kumar@huawei.com |  |
| 12 | Y | lpwus-LoFrameOffsetList-r19, lpwus-MoNumPerLo-r19, lpwus-PoNumPerLo-r19 | lpwus-LO-FrameOffsetList-r19, lpwus-MO-NumPerLO-r19, lpwus-PO-NumPerLO-r19 | LPWUS | rama.kumar@huawei.com |  |
| 13 | Y | lpss-StartSymbol-r19 SEQUENCE {  startSymbol1-r19 INTEGER (0..10),  startSymbol2-r19 INTEGER (0..10) OPTIONAL  } OPTIONAL, -- Need R | Need code is missing TODO: this should be Class 1 | LPWUS | rama.kumar@huawei.com |  |
| 14 | Y | lp-SubgroupConfig-r19 LP-SubgroupConfig-r19 | Better to rename to “lpwus-SubgroupConfig” to align with others | LPWUS | rama.kumar@huawei.com |  |
| 15 | Y | CSI-LogMeasInfo-r19 ::= SEQUENCE {  refCSI-LoggedMeasurementConfigId-r19 CSI-LoggedMeasurementConfigId-r19,  csi-RS-MeasResultList-r19 SEQUENCE (SIZE (1..maxNrofNZP-CSI-RS-Resources)) OF CSI-RS-MeasResult-r19 OPTIONAL,  ssb-MeasResultList-r19 SEQUENCE (SIZE (1..maxNrofSSBs-r16)) OF SSB-MeasResult-r19 OPTIONAL,  timeGap-r19 ENUMERATED {true} OPTIONAL, ...  } | The extension marker should be in the next row. | AIML | tangxun@catt.cn |  |
| 16 | N | ***timeGap***  Indicates that there was a time gap, longer than the logging periodicity, between the reported measurement results in this instance of *CSI-LogMeasInfoList* and the previous instance of *CSI-LogMeasInfoList* with the same *refCSI-LoggedMeasurementConfigId* for the same serving cell. | Should be *csi-LogMeasInfoList*. | AIML | tangxun@catt.cn |  |
| 17 | N | Missing italics 5.2.2.3.1 : 4> if the UE is in RRC\_CONNECTED while T311 is running:  5> if the SIB1 acquisition is upon receiving an indication that the system information has changed or upon receiving a PWS notification:  6> acquire the *SIB1* (see clause 5.2.2.2.2)*,* which is scheduled as specified in TS 38.213 [13];  Just to NOTE that we don’t need to have italics for “OD-SIB1 acquisition” as we don’t have “OD-SIB1” ASN.1 definition. This is correctly implemented in the CR. So no worries. | *SIB1* | NES | Jarkko.t.koskela@nokia.com |  |
| 18 | N | In 5.2.2.3.1 in the note at the end of section first “SIB1” is missing italics. Second SIB1 in the note is regarding “SIB1 request procedure”. That does not need to be changes I guess as it is name of procedure and not ASN.1. But up to rapporteur to decide on that (like everything else). | *SIB1* | NES | Jarkko.t.koskela@nokia.com |  |
| 19 | N | In 5.2.2.3.3x multiple instances of SIB1 don’t have italics – Note that not all need those possibly when we refer to “SIB1 request procedure” but we need use italics when we refer to SIB1 message e.g. in case “acquire SIB1 message” | *SIB1* | NES | Jarkko.t.koskela@nokia.com |  |
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