**3GPP TSG-RAN2 Meeting # 131bisR2-250**

**Prague, Czech, 13-17 October, 2025**

**Agenda Item:**

**Source: Huawei, HiSilicon (Rapporteur)**

**Title: ASN1 review for R19 XR RRC CR**

**Document for: Discussion and Decision**

# 1 Introduction

For the ASN1 review for R19, there will be two phases:

* Review of WI-specific CR based on agreed WI RRC CR
* Review of the consolidated RRC CR after RANP when v19.0.0 version of the RRC is produced is prepared by MCC

The following guideline has been given by the RRC rapporteur (Ericsson)



This document collects comments in the “Review of WI CRs” phase of discussion

2. Guideline for comment inputs

The guideline from the RRC rapporteur on how to fill in the fields are as follows:

Xnnn

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| Xnnn |  |  |  |  |  |  |  |  |

 **[Description]**:

**[Proposed Change]**:

**[Comments]**:

|  |  |
| --- | --- |
| RIL Id | Number allocated by the company, **one/two letters + 3 digits**, e.g “E123”.See list of company codes below. |
| WI | Work Item* Use code from list below. Should always be filled in.**Single WI code** for single-WI issue, see table below.
	+ Correction to be captured in WI-specific CR.
	+ If needed, discussed in RAN2 meeting WI session (agenda point).
* **Multiple WI codes, e.g. “WI1, WI2”, in alphabetical order**
	+ Used if WIs are easily identified.
	+ Correction to be captured in general “Gen ASN1 CR” (or other CR upon decision)
	+ To be decided if the RIL discussed in RAN2 meeeting WI session(s) or General ASN.1 session.
* **MULTI** for issue affecting multiple WIs.
	+ Indicate the concerned WIs in Description field, if applicable.
	+ Correction to be captured in general “Gen ASN1 CR” (or other CR upon decision)
	+ To be decided if the RIL discussed in RAN2 meeeting WI session(s) or General ASN.1 session.
* **GEN** for ASN.1 general issue related to single WI or multiple WIs
	+ To be used for issues that need ASN.1 experts to conclude e.g. when
		- Guidelines are missing or cannot be applied
		- Existing solutions in RRC on similar issues cannot be re-used
		- Relates to future evolution of the specification
 |
| Class | Shall be set by the Delegate to value 1 or 2 (Class 0 issues are collected in separate file, see below).**Class 0: Expected correction has no functional impact** - Typo, minor wording improvement etc. - ASN.1 field not following naming rules (e.g. incorrect suffix, capitalization, etc).These minor corrections are not collected as RIL in Review file, but in separate Word document, see below.**Class 1: Expected correction has functional impact but does not affect successful RRC PDU decoding**- Incorrect/incomplete procedure text- Incorrect/incomplete field description- Unsuitable need code (e.g. Need M should be replaced with Need R)**Class2: Expected correction affects successful RRC PDU decoding**- Change a field from optional to mandatory or vice versa- Change of the structure of an IE- Addition of extension marker within an IE |
| Title | Short one-line title/description. |
| Tdoc | Add Tdoc number if the issue needs to be described and the solution is presented in separate Tdoc.(or just “R2-24xxxxx” if no tdoc number yet allocated allocated) |
| Delegate | Company(Delegate), e.g. Ericsson(Håkan) |
| Misc | Leave empty now |
| File version | Use this field to indicate the vX value of the new version of the Review file that you will upload. This allows us to easier detect recent updates to RILs in the review file. |
| Status | Set to ToDo. Rapporteurs may later change this status. |
| Description | Describe the problem | Can copy spec text and use e.g. tracked changes to propose and discuss/comment.Use a tag, e.g. [Company/delegate] for identification. |
| Proposed Change | Propose a change/solution |
| Comments | Comments added by other companies.  |

3. Collection of comments

We would like to collect the comments for the R19 XR RRC CR by the below

## Xnnn0

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| Xnnn |  |  |  |  |  |  |  |  |

**[Description]**:

**[Proposed Change]**:

**[Comments]**:

## Xnnn1

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| Xnnn |  |  |  |  |  |  |  |  |

**[Description]**:

**[Proposed Change]**:

**[Comments]**: