**3GPP TSG-RAN WG3 #129bis R3-25xxxx**

**Prague, Czech Republic, 13th – 17th October 2025**

**Agenda Item: 9.2.8**

**Source: Ericsson (Moderator)**

**Title: Summary of offline discussions: Rel-19 Network Energy Saving Correction**

**Document for: Discussion and Approval**

# Introduction

**CB: # 15\_R19NES**

**XnAP misc corrections: check 7088,** **6764, 6899, 7091, 7140**

**F1AP misc corrections: check 6704, 7089, 6900**

**Stage 2: check 38.401, 38.420 CRs if time allows**

(Ericsson - moderator)

# For Chairman

2.1 XnAP Correction

**Agreements:**

**Conclusion:**

In the XnAP CR, capture the following:

2.2 F1AP Correction

**Agreement 1:**

**Conclusion:**

In the F1AP CR, capture the following:

2.3 Stage 2: TS 38.401

**Agreements:**

**Conclusion:**

In the TS 38.401 CR, capture the following:

2.4 Stage 2: TS 38.420

**Agreements:**

**Conclusion:**

In the TS 38.420 CR, capture the following:

# 3 Discussion

3.1 XnAP Correction

**Essential Corrections: misalignment between Tabular and ASN.1**

Take [R3-257088](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257088.zip) as example: proposed to align ASN.1 with the Tabular.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9.1.3.31 OD-SIB1 CONFIGURATION PROVISION RESPONSEThis message is sent by an NG-RAN node2 to a peer NG-RAN node1 to indicate that the OD-SIB1 configuration will be provided by the NG-RAN node2 as requested by the NG-RAN node1.Direction: NG-RAN node2 ® NG-RAN node1.

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.2.3.1 |  | YES | reject |
| NES Cell ID | M |  | NR CGI9.2.2.7 |  | YES | reject |
| Cell A ID | O |  | NR CGI9.2.2.7 |  | YES | ignore |
| Interface Instance Indication | O |  | 9.2.2.39 |  | YES | reject |

id-Cell-A-ID CRITICALITY **reject** TYPE NR-CGI9.1.3.32 OD-SIB1 CONFIGURATION PROVISION FAILUREThis message is sent by an NG-RAN node2 to a peer NG-RAN node1 to indicate that the OD-SIB1 configuration cannot be provided by the NG-RAN node2 as requested by the NG-RAN node1.Direction: NG-RAN node2 ® NG-RAN node1.

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.2.3.1 |  | YES | reject |
| Cause | M |  | 9.2.3.2 |  | YES | ignore |
| NES Cell ID | M |  | NR CGI9.2.2.7 |  | YES | ignore |
| Cell A ID | O |  | NR CGI9.2.2.7 |  | YES | ignore |
| Criticality Diagnostics | O |  | 9.2.3.3 |  | YES | ignore |
| Interface Instance Indication | O |  | 9.2.2.39 |  | YES | reject |

id-Cell-A-ID CRITICALITY **reject** TYPE NR-CGI9.1.3.33 OD-SIB1 CONFIGURATION PROVISION STATUS UPDATEThis message is sent by an NG-RAN node2 to a peer NG-RAN node1 to report that an admitted OD-SIB1 configuration provision is being stopped.Direction: NG-RAN node2 ® NG-RAN node1.

| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| --- | --- | --- | --- | --- | --- | --- |
| Message Type | M |  | 9.2.3.1 |  | YES | ignore |
| NES Cell ID | M |  | NR CGI9.2.2.7 |  | YES | reject |
| Cell A ID | O |  | NR CGI9.2.2.7 |  | YES | ignore |
| Provision Status | M |  | ENUMERATED (stopped, …) | Indicates the status of the OD-SIB1 configuration transmission. | YES | reject |
| Interface Instance Indication | O |  | 9.2.2.39 |  | YES | reject |

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*---- OD-SIB1 CONFIGURATION PROVISION STATUS UPDATE---- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ODSIB1ConfigurationProvisionStatus ::= SEQUENCE { protocolIEs ProtocolIE-Container {{ODSIB1ConfigurationProvisionStatus-IEs}}, ...}ODSIB1ConfigurationProvisionStatus-IEs XNAP-PROTOCOL-IES ::= { { ID id-NES-Cell-ID CRITICALITY **ignore** TYPE NR-CGI PRESENCE mandatory}| { ID id-Cell-A-ID CRITICALITY **reject** TYPE NR-CGI PRESENCE optional }| { ID id-ProvisionStatus CRITICALITY **ignore** TYPE ProvisionStatus PRESENCE mandatory}| { ID id-InterfaceInstanceIndication CRITICALITY reject TYPE InterfaceInstanceIndication PRESENCE optional }, ...} |

**We need to concluded on the Tabular and ASN.1 alignment at this meeting.**

**Other editorial corrections in** [**R3-257088**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257088.zip)

**Corrections in** [**6764**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-256764.zip)**:** Tabular to ASN.1 alignment. Other procedural text correction, related to “if IE not presented” is concluded at the online, refer to the discussion on R3-256703

**Correction in** [**6899**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-256899.zip)**:** Tabular to ASN.1 alignment. Other procedure text correction? Semantic correction?

**Correction in** [**7091**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257091.zip)**:** procedural text correction?

**Correction in** [**7140**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257140.zip)**:** Tabular to ASN.1 alignment. Other correction?

2.2 F1AP Correction

**Essential Corrections: misalignment between Tabular and ASN.1**

Correction in [R3-257089](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257089.zip) .

* Errors in the ASN.1 implementation of OnDemand-SIB1-Cell and PagingAdaptationIndication
* Incorrect specification in the F1 Setup related to “stop” option.

Propose to correct the specification in ASN.1, remove choice and align to the Tabular in 9.2.1.10

**Correction in** [**6704**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-256704.zip)**:**

* Revise the meaning of the On-demand SIB1 Indicator IE in the On-demand SIB1 Cell IE of the GNB-CU CONFIGURATION UPDATE message to indicate the status of OD-SIB1 configuration transmission for the NES cell, either in the indicated Cell A or across all Cell A(s) of the specified gNB.
* Add a Choice structure for the corresponding Cell A ID and gNB ID.
* Correct corresponding ASN.1.

**Correction in** [**6900**](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-256900.zip)**:**

* Update the procedure texts for the on-demand SIB1 IE.
* Update the reference for the On-demand SIB1 Config IE to the OD-SIB1-Config IE.
* The SIBx is replaced by SIB26.
* Update the OD-sib1 configuration for the Cell indicated by the NR PCI to NR CGI.
* Update the naming for paging adaptation indication IE, and the corresponding ASN.1.
* Add abbreviation for OD-SIB1.

2.3 Stage 2: TS 38.401

[R3-257087](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257087.zip), the correction is related to F1AP correction in F1 Setup, related to “stop”, if agreed in F1AP CR, should also correct in St2.

Other corrections in [R3-257087](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257087.zip)?

Correction in [R3-256765](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-256765.zip):?

2.4 Stage 2: TS 38.420

Correction in [R3-257090](https://www.3gpp.org/ftp/tsg_ran/WG3_Iu/TSGR3_129-bis/Docs/R3-257090.zip):

# 4 Moderator Summary

Capture the breakoff discussion agreements in Chapter 2.