**3GPP TSG-RAN WG3 Meeting #129 R3-255809**

**Bengaluru, India, August 25th – 29th, 2025**

**Source: CATT, Qualcomm, Huawei**

**Title:** **TP to BLCR 38.300 for OD-SIB1**

**Agenda Item:** **17.3**

**Document for:** **Discussion and Approval**

# 1 Introduction

This TP is to capture/realize following agreements made in RAN3#128[1] and RAN3#129[2].

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| *RAN3#128:***One “Provision Request message includes one “OD-SIB1 config R19” referring to the TS 38.331 definition, it is a RRC Container in octet string (presence M) + one NES Cell ID (presence M ) + one Cell-A ID (presence O )****Cell A gNB-CU encoding the SIBxx.****The NES gNB-CU sends the indication to NES gNB-DU. The NES gNB-DU MAY go to OD-SIB 1 operation up to gNB-DU decision.***RAN3#129:***Change the procedure and message name from “UL WUS Configuration Provision” to “OD-SIB1 Configuration Provision”****Change from NR CGI at NG-RAN node1 (Naming FFS) to NES Cell ID****Change from NR CGI at NG-RAN node2 (Naming FFS) to Cell A ID****UL WUS CONFIGURATION PROVISION STATUS UPDATE => OD-SIB1 Configuration Provision Status Update****In the class 2 message “OD-SIB1 Configuration Provision Status Update”, it is agreed to include “NES Cell ID” as Mandatory presented.****Cell A ID is optionally presented.****If Cell A ID IE is included in the provision request, then Cell A gNB shall, if support, broadcast the OD-SIB1 configuration in the indicated Cell A.****If Cell A ID IE is present, this message indicates that the indicated Cell A has stopped the broadcasting.** **If Cell A ID IE is not present, then all the Cell A(s) have stopped the broadcasting for the given NES Cell.****If Cell A ID is included in the OD-SIB1 Configuration Provision Request message, then it shall be included in the OD-SIB1 Configuration Provision Response message. Capture this in specifications.** |

# 3 Reference

1. RAN3#128 Meeting Minutes, RAN3 chair
2. RAN3#129 Meeting Minutes, RAN3 chair

# 5 Annex (TP to BLCR for TS 38.300)

-------------------------------------Start of TP---------------------------------------------

15.4.2.x2 On-demand SIB1

To facilitate reducing gNB downlink transmissions, instead of always periodically transmitting SIB1, the gNB can provide on-demand SIB1, i.e., upon receiving an OD-SIB1 request from a UE supporting OD-SIB1. OD-SIB1 is supported for UEs in RRC\_IDLE, RRC\_INACTIVE and RRC\_CONNECTED when T311 is running. A request for SIB1 triggers a random access procedure, where MSG1 is used for indicating OD-SIB1 request and the gNB acknowledges the request in MSG2. OD-SIB1 request configurations of one or more cells which support OD-SIB1 are included in SIBxx, which can be broadcasted in any cell, including cell’s own OD-SIB1 request configuration. UE may request SIB1 based on the OD-SIB1 request configuration from SIBxx in order to determine the suitability of a cell during and after cell reselection.

A gNB may request over the Xn interface neighbour gNB(s) to transmit or stop transmitting the OD-SIB1 configuration for a cell supporting OD-SIB1. A gNB deciding to stop the OD-SIB1 configuration transmission can inform the requesting gNB about the stop of transmission over Xn. The inter-gNB coordination procedures are defined in TS 38.401 [4].

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