**3GPP TSG-RAN3 Meeting #128 R3-255925**

**Bengaluru, IN, 25-29 Aug 2025**

Title: (TP to TS 38.401 BL CR) Introduction of SBFD

Source: ZTE Corporation, Ericsson, China Teleocm, Huawei, Nokia

Agenda Item: 19.2

Document for: Other

# 1 Introduction

This TP captures the RAN3 agreement:

* For inter-UE CLI for SBFD operation in split architecture, simultaneous configuration of L1 and L3 measurements shall be avoided.

# 2 TP to TS 38.401 BL CR

**=============================Start of change==============================**

### 7.3 Cross-Link Interference Management

The Cross-Link Interference Management function in non-split gNB case is specified in TS 38.300 [2].

In case of split gNB architecture, the gNB-CU forwards the TDD DL/UL patterns received from neighboring nodes to each concerned gNB-DU. The gNB-DU reports the TDD DL/UL patterns of its serving cells to the gNB-CU if Cross-Link Interference is detected.

In Sub-band full duplex (SBFD) operation, gNB-to-gNB Cross Link Interference (CLI) and/or UE-to-UE CLI may also be present. In case of split gNB architecture, the gNB-DU reports gNB-to-gNB CLI related information of its serving cells to the gNB-CU if CLI is detected. The gNB-CU forwards gNB-to-gNB CLI related information received from served gNB-DUs and from neighboring gNBs to each concerned gNB-DU. The gNB-DU should evaluate the received information and may mitigate interference if necessary. For the case of detection of UE-to-UE CLI, a gNB-DU that has activated SBFD operation may provide SRS resource configuration to the gNB-CU. A gNB-DU serving potential victim UEs may indicate to a gNB-CU that SRS resource ocnfigurations of neighbour cells are needed. The gNB-CU may signal to the gNB-DU information concerning SRS resources potentially causing UE-to-UE CLI.

For inter-UE CLI for SBFD operation in split architecture, simultaneous configuration of L1 and L3 measurements shall be avoided.

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