**3GPP TSG-RAN3 Meeting #128 *R3-253880***

**Malta, MT, 19th – 23th May, 2025**

**Agenda Item: 19.2**

**Source: ZTE Corporation, Ericsson**

**Title: (TP to BL CR for 38.401) Introduction of Evolution of NR duplex operation Sub-band full duplex (SBFD)**

**Document for: Other & Approval**

1 Introduction

This TP is used to capture the progress made in RAN3#128 on CLI handling in SBFD.

TP to BL CR for TS 38.401

**=============================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, Cross Link Interference (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.

**=============================End of change==============================**