3GPP TSG-RAN WG3 Meeting #127 R3-25xxxx

Athens, Greece, 17th - 21st Feb 2025

Agenda Item: 14.3

Source: ZTE Corporation

Title: (TP to BL CR 38.410) NG Removal

Document for: Discussion and Approval

# 1 Introduction

In this TP, we provide the stage 2 description on NG Removal procedure in the NG interface management function. Otherwise, it is no clear on the usage of NG Removal procedure.

# 2 TP to BL CR 38.410

<<<<<<<<<<<<<<<<<<<< Start of Changes >>>>>>>>>>>>>>>>>>>>

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] and the following apply.   
A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

**gNB**: as defined in TS 38.300 [7].

**NB-IoT:** as defined in TS36.300 [11].

**ng-eNB**: as defined in TS 38.300 [7].

**NG-RAN node**: as defined in TS 38.300 [7].

**UPF**: as defined in TS 23.501 [8].

NTN: as defined in TS 38.300 [7].

## 3.2 Abbreviations

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] and the following apply.   
A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

5GC 5G Core Network

AMF Access and Mobility Management Function

CIoT Cellular IoT

CN Core Network

DRX Discontinuous Reception

MBS Multicast/Broadcast Service

MT Mobile Terminated

NB-IoT Narrow Band Internet of Things

NG-U NG User plane interface

PTP Point to Point

PTM Point to Multipoint

QMC QoE Measurement Collection

QoE Quality of Experience

RIM Remote Interference Management

SMF Session Management Function

UP User Plane

UPF User Plane Function

NTN Non-Terrestrial Network

<<<<<<<<<<<<<<<<<<<< Next Change >>>>>>>>>>>>>>>>>>>>

## 5.8 NG Interface Management function

The NG-interface management functions provide:

- means to ensure a defined start of NG-interface operation (reset);

- means to handle different versions of application part implementations and protocol errors (error indication);

- means to remove a NG interface for NTN operation (removal).

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