3GPP TSG RAN WG2#113bis electronic R2-210xxxx

On-line, 12th – 20th April, 2021

**Title:** [Draft]LS on RRC fullConfig indication for intra SN PSCell change

**Response to:** -

**Release:** Rel-15

**Work Item:** NR\_newRAT-Core

**Source:** [NTTDOCOMO, INC.]

**To:** RAN WG3

**Cc:**

**Contact Person:**

**Name:** Tianyang Min

**E-mail Address:** tianyang.min.ex@nttdocomo.com

**1. Overall Description:**

In LS R2-1804100, RAN2 requested RAN3 to introduce an RRC full config indication in X2-AP for SN triggered full configuration in (NG)EN-DC. After that, in R3-183924, RAN3 introduced an RRC full config indication in SGNB MODIFICATION REQUIRED and SNGB MODIFICATION REQUEST ACKNOWLEDGE message for intra CU inter-DU PSCell change case. Since RAN2 understand that if SN indicates to MN with full config indication, it means the full confg of both NR SCG config and radio bearer config, thus MN should release and add the NR SCG config and release the SN terminated radio bear config for UE. While some companies think since the PDCP termination point is not changed for intra CU inter-DU PSCell change, the RRC full config indication only indicates the NR SCG config, so it is not necessary for MN to release the SN terminated radio bearer for UE. Since there exists different understandings among companies regarding this full config indication, RAN2 would like to ask for RAN3 to confirm the following understanding.

Interpretation1: RRC full config indication indicates the full config of both NR SCG config and radio bearer config for inter-SN and intra-SN PSCell change cases.

Interpretation2: RRC full config indication indicates the full config of both NR SCG config and radio bearer config for inter-SN PSCell change case while only indicates the full config of NR SCG config for intra-SN PSCell change case.

**2. Actions:**

**To RAN3:**

**ACTION:** RAN2 respectfully asks RAN3 to check above information and inform RAN2 which interpretation is correct from RAN3 point of view.

**3. Date of Next TSG WG RAN2 Meetings:**

TSG-RAN2 Meeting#114-e 19 – 27 May 2021 Online

TSG-RAN2 Meeting#115 23 – 27 August 2021 Toulouse