**3GPP TSG-RAN WG3 Meeting #113-e R3-21xxxx**

**E-meeting, 16-26 Aug 2021**

**Title:** (TP to 37.340 CPAC BL CR) Fix the identified issue of the BL CR

**Source:** Huawei, CATT, Lenovo, Motorola Mobility

**Agenda item:** 14.3

**Document Type:** Other

# 1. Introduction

In the current BL CR of MN initiated inter-SN CPC part, the “Except Inter-SN CPC” is added in step 6, but based on the RAN2 agreement below, the MN still needs to send SgNBReconfigurationComplete message with the encoded NR RRC responsemessage for the target SN to the target SN.

* In CPA and Inter-SN CPC, upon execution of CPAC, ‎the UE ‎shall ‎reply the RRCReconfigurationComplete/RRCConnectionReconfigurationComplete ‎message to ‎the MN ‎including an embedded RRC complete message to the SN, and then the MN ‎informs the ‎target SN.

**Proposal: In TS 37.340 BL CR, update the step 6 in the MN initiated inter-SN CPC part, to clarify that in case the CPC execution procedure is completed, the MN informs the target SN via *SgNBReconfigurationComplete* message.**

# 4. TP to CPAC BL CR of TS37.340

## *----------Start of the Next Change--------------*

## 10.5 Secondary Node Change (MN/SN initiated)

### 10.5.1 EN-DC

//skip the unchanged part

**MN initiated SN Change**



Figure 10.5.1-1: SN Change – MN initiated

//skip the unchanged part

5a. [subject to RAN2]The UE completes the CPC execution procedure by sending an *RRCConnectionReconfigurationComplete* message, including a NR RRC *RRCReconfigurationComplete* message for the new PSCell, to the MN.

6. If the RRC connection reconfiguration procedure was successful, or the CPC execution procedure is completed, the MN informs the target SN via *SgNBReconfigurationComplete* message with the encoded NR RRC response message for the target SN, if received from the UE.

### 10.5.2 MR-DC with 5GC

**MN initiated SN Change**

//skip the unchanged part



Figure 10.5.2-1: SN change procedure - MN initiated

Figure 10.5.2-1 shows an example signalling flow for the SN Change initiated by the MN:

//skip the unchanged part

5a. [subject to RAN2]The UE completes the CPC execution procedure by sending an MN RRC reconfiguration complete message, including a SN RRC reconfiguration complete message for the new PSCell, to the MN.

6. If the RRC connection reconfiguration procedure was successful, or the CPC execution procedure is completed, the MN informs the target SN via *SN Reconfiguration Complete* message with the included SN RRC response message for the target SN, if received from the UE.

## *----------End of the Changes--------------*