3GPP TSG-RAN WG3 Meeting #110-e                                                          R3-20xxxx

2-12 November 2020

**Title:** LS on CP-UP separation of Rel-17 IAB

**Response to:**

**Release:** Rel-17

**Work Item:** NR\_IAB\_enh-Core

**Source:** Samsung

**To:** RAN2

**Cc:** -

**Contact Person:**

#### Name: Weiwei Wang

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1. **Overall Description:**

RAN3 discussed the CP-UP separation and identified the benefit of allowing the F1-C over NR access link in FR1, e.g., improve the reliability and reduce the latency of F1-C traffic. Moreover, the following agreements were achieved:

* **In Rel-17 eIAB, the following two scenarios are supported for CP-UP separation, as shown in the following figure:**
* **Scenario 1: F1-C uses NR access link via M-NG-RAN node (non-donor node) + F1-U uses backhaul link via S-NG-RAN node (donor node)**
* **Scenario 2: F1-U uses backhaul link via M-NG-RAN node (donor node) + F1-C uses NR access link via S-NG-RAN node (non-donor node)**



Meanwhile, RAN3 analyzed the potential impacts to the specifications, which are similar to the design for EN-DC case in Rel-16. The following potential RAN2 impacts are identified during the discussion:

1. NR RRC for F1-C transfer path configuration
2. NR RRC message(s) to include F1-C traffic container.

## 2. Actions:

**To RAN2:**

**ACTION:** RAN3 respectfully asks RAN2 to take the above into account and to decide specification impact for CP-UP separation.

**3. Date of Next TSG-RAN3 Meetings:**

TSG-RAN3 Meeting #111-e 25th. Jan - 5th Feb. 2021