**3GPP TSG-RAN WG2 Meeting #116-e draft R2-2111430**

**E-Meeting, November 2021**

**Title:** [draft] Reply LS on time gap information in SCI

**Response to:** R2-2109324 (R1-2108622)

**Release:** Rel-17

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

**Source:** RAN2

**To:** RAN1

**Cc:**

**Contact Person:**

#### Name: Bingxue Leng

E-mail Address: <lengbingxue@oppo.com>

**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** none

**1. Overall Description:**

RAN2 thanks RAN1 for the LS reply on time gap information in SCI.

RAN2 discussed based on the LS reply from RAN1 (R1-2108622) and made the following agreements in RAN2 #116-e:

Agreements on HARQ RTT derived from SCI:

1: One-to-one mapping is needed between Tx and Rx resource pools for derivation of SCI-based RTT timer. We do not need to specify it.

2: In case RAN2 pursue the SCI based RTT timer, UE only use the immediately next retransmission resource indicated in SCI to derive a single RTT value.

3: RAN2 confirms the working assumption: “SL HARQ RTT timer can be derived from the retransmission resource timing when the SCI indicates a retransmission resource”

4: Regardless whether HARQ feedback is enabled or disabled, the HARQ RTT timer can be derived based on the resource assignment information for retransmission of the same TB in the SCI if the resource assignment information for retransmission of the same TB is present.

5: When HARQ feedback is disabled, either zero value or non-zero value can be configured for the HARQ RTT timer if the resource assignment information is not present. FFS on details of configuration.

6: Always set the value of the retransmission timer to be a configured value regardless how the UE sets the HARQ RTT timer.

**2. Actions:**

**To RAN1**: RAN2 respectfully asks RAN1 to take the above agreements into account in the future work.

**3. Dates of Next TSG-RAN WG2 Meetings:**

TSG RAN WG2 Meeting #116bis-e 17 January– 12 January 2022 eMeeting

TSG RAN WG2 Meeting #117 21 February – 3 March 2022 eMeeting