**3GPP TSG-RAN WG2 Meeting #114-e R2-210xxxx**

**E-Meeting, May 2020**

**Title:** LS on time gap information in SCI

**Response to:**

**Release:** Rel-17

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

**Source:** RAN2

**To:** RAN1

**Cc:**

**Contact Person:**

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

**Attachments:** none

**1. Overall Description:**

In RAN2#113bis, RAN2 made the following working assumption

19: Working assumption: SL HARQ RTT timer can be derived from the retransmission resource timing when the SCI indicates a retransmission resource. FFS whether explicitly configured SL HARQ RTT timer may be still required. If big problem is identified next meeting, we can revisit it.

This working assumption was made based on the assumption that the RX UE can determine the time location of the next retransmission resource(s) of the TX UE (assuming that resource reserved by SCI is not reselected by the TX UE due to e.g. pre-emption/UL-SL prioritization) based on the “time resource assignment” field in SCI. In RAN2#114, some companies had the concern as to whether this is always possible since there might not be one-to-one mapping between Tx resource pool at Tx UE side and Rx resource pool at Rx UE side. RAN2 would therefore like to confirm its understanding with RAN1.

**Q1**: From RAN1 perspective, whether it is feasible for the Rx-UE to determine the time location of the next retransmission resource(s) of the TX UE (assuming that resource is not reselected by the TX UE) based on the “Time resource assignment” field in SCI for the case

1) when PSFCH is configured;

2) when PSFCH is not configured?

Q2: From RAN1 perspective, whether it is feasible that TX pool and RX pool is N to 1 mapping?

**2. Actions:**

**To RAN WG1**: RAN2 respectfully requests RAN1 to feedback on Q1 above.

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

TSG RAN WG2 Meeting #115-e 16 August – 27 August 2021 eMeeting

TSG RAN WG2 Meeting #116-e 1 November– 12 November 2021 eMeeting