**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:**

#### Name: Qianxi Lu

E-mail Address: <qianxi.lu@oppo.com>

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

**Attachments:** none

**1. Overall Description:**

In RAN2#113bis, RAN2 reached 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.

Proponents of this working assumption assume Rx-UE can base on the “Time resource assignment” field in SCI sent by Tx-UE to derive the time location of the next retransmission resource(s).

- Time resource assignment – 5 bits when the value of the higher layer parameter *sl-MaxNumPerReserve* is configured to 2; otherwise 9 bits when the value of the higher layer parameter *sl-MaxNumPerReserve* is configured to 3, as defined in clause 8.1.5 of [6, TS 38.214].

While in RAN2#114, there are companies in RAN2 raised the concern that Rx-UE may not be able to do that, since there might be no one-to-one mapping between Tx resource pool at Tx-UE side and Rx resource pool at Rx-UE side. RAN2 did not reach conclusion on this issue yet.

RAN2 would like to request feedback from RAN1 on the following question:

**Q1**: From RAN1 perspective, whether it is feasible that Rx-UE base on the “Time resource assignment” field in SCI sent by Tx-UE to derive the time location of the next retransmission resource(s), for the case when 1) PSFCH is configured and 2) when PSFCH is not configured?

**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