**3GPP TSG-RAN WG2 Meeting #113bis-e R2-210xxxx**

**E-meeting, 12 – 20 April 2021**

**Title: [DRAFT]** LS on R17 SL Relay paging mechanism

**Response to:**

**Release:** Rel-17

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

**Source:** OPPO [To be RAN2]

**To:** SA3

**Cc:** [SA2?]

**Contact Person:**

#### Name: Qianxi Lu

**Tel. Number:**

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

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

**Attachments:**

**1. Overall Description:**

For R17 SL relay, during SI phase, as captured in TR 38.836, RAN2 agreed on the following

4.5.5.2 Paging

The Option 2 as studied in TR36.746 [7] for FeD2D paging is selected as the baseline paging relaying solution for L2 UE-to-Network relaying case (i.e. **Relay UE monitors the Remote UE’s Paging Occasion(s) in addition to its own Paging Occasion(s)**.) . The paging relaying solution applies to both CN paging and RAN paging via the Option 2.

In RAN2#113bis-e, in the WI phase, RAN2 discuss the scheme on how to implement the procedure above.

RAN2 respectfully requests SA3 to feedback on the following question, suppose 5G-S-TMSI/I-RNTI of remote UE are to be provided to relay UE:

**Q1**: Is there any security issue on exposing the 5G-S-TMSI/I-RNTI of remote UE to relay UE over PC5/Uu interface?

**2. Actions:**

**To SA3 group**

RAN2 respectfully requests SA3 to feedback on Q1 above.

**3. Date of Next TSG-RAN2 Meetings:**

3GPPRAN2#114-e 19-27 May 2021 Online

3GPPRAN2#115-e 16-27 August 2021 Online