**3GPP TSG-RAN WG3 Meeting #114bis-e *R3-22xxxx***

**E-meeting, 17-26 Jan 2022**

**Title: [Draft] Reply LS on the ROHC continuity for SDT**

**Response to: LS R2-2111446 on the ROHC continuity for SDT**

**Release: Rel-17**

**Work Item: NR\_SmallData\_INACTIVE-Core**

**Source: Huawei [to be RAN3]**

**To: RAN 2**

**Cc:**

**Contact person:**

**Name: Yan Wang**

**E-mail Address: wangyan7@huawei.com**

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

**Attachments:** **None**

1 Overall description

RAN3 would like to thank RAN2 for the LS on ROHC continuity for SDT.

RAN3 discussed the Cell-based ROHC continuity and RAN-based ROHC continuity, and would like to provide the following feedback:

1. No RAN3 impact is foreseen to support the cell based ROHC continuity for SDT DRB.
2. No RAN3 impact is foreseen to support the RNA based ROHC continuity for SDT DRB, in case the UE initiates SDT in the cell under the anchor gNB, or the UE initiates SDT in the cell out of RNA.
3. In case in case RNA based ROHC continuity is configured, if the UE initiates the SDT in the new cell under the new serving gNB within the RNA, the last serving gNB should make decision to use without anchor relocation.

Furthermore, RAN3 would like to consult RAN2 what would be the desired UE behavior when the UE (configured ROHC continuity) resumes on new gNB but SDT without anchor relocation cannot be performed in NW side.

2 Actions

**To RAN2**

**ACTION:** RAN3 respectfully asks RAN2 to take the above information into account, and provide feedback on the indicated squestion.

3 Dates of next RAN3 meetings

RAN3#115-e 21 February – 3 March 2022 Online