**3GPP TSG-CT WG1 Meeting #134-eC1-221415-r01**

**E-Meeting, 17th – 25th February 2022**

Title: NAS's trigger for resume for SDT

Response to: (R2-2201822/C1-221033) LS on resume cause from RAN2

Release: Rel-17

Work Item: NR\_SmallData\_INACTIVE-Core

Source: CT1

To: RAN2

Cc: - -

**Contact person: Chen-Ho CHIN**

**chin.chenho@oppo.com**

**+32 477 413371**

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

Attachments: none

**1. Overall Description:**

CT1 wishes to thank RAN2 for their LS R2-2201822 on the topic of NAS initiating resume when NAS is suspended (i.e RRC\_INACTIVE) for the SDT feature. In that LS RAN2's action to CT1 is

**Q1:** When any new data or signalling (for instance an emergency call) becomes available for a radio bearer not configured for SDT and non-SDT data indication procedure is initiated by the UE, whilst the AS has not yet responded to the previous trigger for resume from NAS layer, does the NAS layer provide another trigger with resume cause to AS and should this resume cause be provided to the gNB as part of the non-SDT data indication procedure.

CT1's answers are as follows:-

1) With respect to " does the NAS layer provide another trigger " when " the AS has not yet responded to the previous trigger for resume from NAS layer ";-, as the NAS-AS interface is not rigidly specified, there are different views in CT1 on this point. Also much depends on whether AS indicates back to NAS "RRC\_INACTIVE" on treating the " previous trigger for resume ". Furthermore, as the NAS-AS is not an open interface but is inevitably that of same vendor, a same vendor view might suffice.

2) With respect to " trigger with **resume cause** to AS ", CT1 would like to emphasize that NAS does provide the RRC establishment cause to lower layers when NAS request a resume. NAS does not provide a resume cause. Perhaps it is AS as specified in TS 38.331, uses the provided RRC establishment cause as the resume cause.

3) With respect to " should this resume cause be provided to the gNB", CT1 cannot answer that question as what is to be passed to gNB is not in the remit of CT1.

**2. Actions:**

**To RAN2.**

**ACTION:** CT1 kindly request RAN2 to take note of the answers given and if there is further need for NAS to initiate the second trigger for resume, CT1 hopes RAN2 will liaise back to CT1.

**3. Date of Next CT4 Meetings:**

TSG-CT WG1#135-e Apr 6th – 12th, 2022 Online meeting

TSG-CT WG1#136-e May 12th – 20th, 2022 Online meeting