**s3GPP TSG-CT WG1 Meeting #137-eC1-225249**

**E-Meeting, 18th – 26th August 2022**

Title: Reply LS on AS-NAS layer interactions for MBS

Response to: LS (C1-224524/R2-2206629) on LS on AS-NAS layer interactions for MBS from RAN2

Release: Rel-17

Work Item: 5MBS

Source: 3GPP CT WG1

To: 3GPP RAN WG2, 3GPP SA WG2

Cc: -

**Contact Person:**

Name: Christian Herrero-Veron

E-mail Address: Christian.Herrero at Huawei.com

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

Attachments: none

**1. Overall Description:**

CT1 thanks RAN2 for their LS on AS-NAS layer interactions for MBS and CT1 would like to provide the following information:

1. CT1 makes distinction in their specifications between the NAS, i.e., control-plane signalling, and the upper layers, i.e., applications. The NAS is not aware of broadcast MBS sessions.

2. CT1 confirms that the TMGI is needed in the NAS. For Idle mode, the TMGI is needed as the NAS needs it to determine paging response. For RRC Inactive, it is CT1’s understanding that the RAN paging is the responsibility of the AS, and therefore there is no need from an NAS perspective to be informed of the TMSI in this case. However, the NAS needs an indication from the AS when the UE has transitioned to RRC connected mode.

3. CT1 confirms that indication of establishment of user plane resources is needed in the NAS for multicast MBS sessions. Upper layers (i.e., application layer) may use this indication towards the user.

4. CT1 confirms that indication of release of user plane resources is needed in the NAS for multicast MBS sessions. Upper layers (i.e., application layer) may use this indication towards the user.

CT1 does not see the need of more indications than the above mentioned at this moment in time.

**2. Actions:**

**To 3GPP RAN WG2, 3GPP SA WG2 group.**

**ACTION:** CT1 would like to request RAN2, SA2 to take the information provided in this LS into account.

**3. Date of Next CT1 Meetings:**

CT1#138e 10th – 14th October 2022 e-meeting

CT1#139 14th – 18th November 2022 TBD