**3GPP TSG RAN2 Meeting #118-eR2-220xxxx**

**Online, 09 – 20 May 2022**

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

**Response to:** -

**Release:** Rel-17

**Work Item:** NR\_MBS-Core

**Source:** RAN2

**To:** CT1

**Cc:** SA2

**Contact Person:**

**Name:** Dawid Koziol

**E-mail:** [dawid.koziol@huawei.com](mailto:dawid.koziol@huawei.com)

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

**1. Overall Description:**

RAN2 is currently reviewing the procedures in RAN2 specifications related to MBS and one of the doubts that arose during the process was related to whether some of the information should be passed to NAS layers or not. Currently, RAN2 assumes that AS layer will indicate the following events related to MBS session:

1. When the UE receives a Paging message including a TMGI for a multicast MBS sessions which the UE has previously joined, the UE will forward the TMGI to upper layers (for both UE in RRC\_IDLE and RRC\_INACTIVE states).
2. When the user plane resources are established for either an MBS broadcast or an MBS multicast session, the UE will notify upper layers about this (and include TMGI to identify the session).
3. When the user plane resources of either an MBS broadcast or an MBS multicast session are released, the UE will notify upper layers about this (and include TMGI to identify the session).

RAN2 respectfully asks CT1 to confirm whether the AS to NAS layer indications as mentioned above are needed and/or whether there are any other events concerning MBS at AS layer which the NAS layer should be informed about.

**2. Actions:**

**To CT1 group:**

**ACTION:** RAN2 respectfully asks CT1 to confirm whether the AS to NAS layer indications as mentioned above are needed and/or whether there are any other events concerning MBS at AS layer which the NAS layer should be informed about.

**3. Dates of next TSG-RAN WG2 meetings:**

RAN2#119 15 – 26 August 2022 Online

RAN2#119-bis-e 10 – 19 October 2022 Online