**3GPP TSG-WG SA2 Meeting #155 *S2-2303356***

**Athens, Greece, February 20 – 24, 2023 (revision of S2-2302679)**

Title: [DRAFT] LS on the open issues related to RAN WGs in 5MBS\_Ph2

Response to:

Release: Release 18

Work Item: NR\_MBS\_enh-Core, 5MBS\_Ph2

Source: [Huawei to be] SA2

To: RAN2, RAN3

Cc:

**Contact Person:**

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

Attachments: None.

**1. Overall Description:**

SA2 started the normative phase for 5MBS\_Ph2, and according to the work plan of SA2, SA2 Meeting #156 is expected as the last meeting unless extra time unit in #157 is allocated by SA2.

In addition to the LS sent to RAN2 and RAN3 (S2-221125) regarding the TR conclusion, SA2 would like to inform RAN2 and RAN3 the following progress:

* SA2 agrees that the MBS assistance information for the MBS session sent to NG-RAN consists of an indication that the UE is preferred to be kept in connected when receiving the related MBS session data. Per that received information NG-RAN may determine to keep the UE in RRC\_CONNECTED state even if the MBS session data is supported to be received in RRC\_INACTIVE state.
* When an MBS session is to be activated, the 5GC activates the MBS Session in the NG-RANs serving the joined UE(s). To complete this work, SA2 requests RAN WGs to specify the way that how does NG-RAN notify the UE that the MBS session is activated and whether the MBS session is allowed to be received in RRC-inactive state;
* SA2 agrees that in case of Handover, the MBS assistance information for the MBS session will be transferred by the source NG-RAN nodes if such information is available and supported at the source NG-RAN nodes.
* SA2 assumes the procedure of UE mobility within RNA is to be specified in RAN WGs, and SA2 requests RAN WGs finish the work and the alignment with RAN will be done by SA2 later.

**2. Actions:**

**To RAN2 and RAN3 group.**

**ACTION:** SA2 asks RAN2 and RAN3 group to take the above agreements and information into account.

**3. Date of Next TSG SA WG2 Meetings:**

TSG-SA2 Meeting #156-e Apr 17 – 21, 2023 Electronic

TSG-SA2 Meeting #157 May 22 – 26, 2023 EU