**3GPP TSG RAN WG3#122R3-238029**

Chicago, IL, USA, November 13 – 17,2023

**Title:** LS on RAN3 agreements on mobile IAB

**Response to:**

**Release:** Rel-18

**Work Item:** NR\_mobile\_IAB-Core

**Source:** ZTE

**To:** SA2

Cc:

**Contact person:**

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

Attachments: R3-237430, R3-238021

**1. Overall Description:**

RAN3 reached following consensus that may affect SA2 specifications:

* TAC/RANAC: The mobile IAB-DU’s TAC/RANAC is only configured by the OAM.
* N2 based handover of mobile IAB with no PDU session activated: in some cases, a mobile IAB may have no PDU sessions activated. In these cases, RAN3 agreed that, during the N2 handover preparation procedure, the AMF shall ignore the *PDU Session Resource List* IE, as captured in the TP to 38.413 BL CR R3-237430.
* Indication to AMF: After the IAB-donor has completed the operation (e.g. handover the UEs, F1 removal, etc) for a non-authorized mobile IAB, the IAB-donor serving the mobile IAB-MT sends an NGAP indication to AMF in the NGAP UE CONTEXT RELEASE REQUEST message including a new cause value, so the AMF may take further action, e.g. deregister the mobile IAB-MT. The agreed RAN3 TP is attached.

**2. Actions:**

**To SA2 group.**

**ACTION:** RAN3 kindly asks SA2 to take the above RAN3 decision into account and take corresponding action if needed.

**3. Date of Next RAN3 Meetings:**

TSG-RAN3 Meeting #123, Feb 26 to March 1, 2024 Athens, Greece

TSG-RAN3 Meeting #123bis, April 15 to 19, 2024 PRC