**3GPP TSG-RAN WG3 #114bis-e R3-22xxxx**

**17 – 26 January 2022**

Title: [DRAFT] LS on RAN Initiated Release due to out-of-PLMN area condition

Source: Qualcomm Incorporated [to be RAN3]

To: SA2

Cc: CT1???, RAN2 ???

**Contact Person:**

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

Attachments:

**1. Overall Description:**

RAN3 has been discussing various aspects of NTN operation in relation to country-border crossing in connected mode. In that context, RAN3 has agreed in principle that a gNB shall be able to trigger a context release request procedure when it detects that a connected mode UE is outside the geographical coverage area of its PLMN. This functionality could be seen as complementary to the procedures defined in TS 23.501, e.g. in cases where ULI has not been sent for some time and RAN has been thus configured.

RAN3 understands that this procedure would normally result in AS release, and therefore RAN3 has agreed to add a new cause value in NGAP to be sent with the release request (“UE not in PLMN serving area”). The cause value could be used by the AMF to decide whether to trigger additional actions (e.g. LCS check / NAS deregistration etc) before AS release.

RAN3 would like SA2 to confirm that the described functionality can be supported from a system level perspective.

**2. Actions:**

**To SA WG2**

**ACTION:** RAN3 kindly asks SA2 to provide feedback on the above, and particularly to confirm that the described functionality can be supported from a system level perspective.

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

RAN3#115-e 21 February – 3 March 2022 Electronic meeting