3GPP TSG-RAN WG3 Meeting #117-e R3-22xxxx

E-Meeting, 15th – 25th August 2022 was R3-224478

**Title: [Draft] Response LS on Support of Broadcast and Multicast MBS sessions with AMF Set**

**Response to: LS C4-223303 on LS on Support of Broadcast and Multicast MBS sessions with AMF Set from CT4**

**Release: Rel-17**

**Work Item: 5MBS**

**Source: Ericsson to be RAN3**

**To:** **CT4**

**Cc: SA2**

**Contact person: Alexander Vesely**

**alexander dot vesely at ericsson dot com**

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

**Attachments:** **None**

# 1 Overall description

The LS contains three questions from CT4 regarding AMF failure without restart.

* ***Question 1:*** *CT4 would like RAN3 to confirm if CT4's assumptions* [for Broadcast MBS Sessions] *are correct.”*
* ***Question 2:*** *CT4 would like RAN3 to confirm if CT4's assumption* [for Multicast MBS Sessions] *is correct.”*
* ***Question 3:*** *CT4 would like to get feedback from RAN3 on whether such a local link failure scenario is a common failure scenario that should be addressed by new restoration procedures defined by 3GPP CT4.”*

**General Response**

RAN3 asks CT4 to confirm that the respective functions are only used for restoration scenarios and represent exceptional cases, i.e. planned or unplanned AMF removal, while in normal operation, a multicast/broadcast MBS Session Context is kept in the same AMF.

**Response to Question 1**

RAN3 confirms that a gNB is able (under the assumptions above) to receive a NGAP Broadcast Session Modification Request message or an NGAP Broadcast Session Release Request message from another AMF in the same AMF set or a backup AMF.

**Response to Question 2**

RAN3 confirms that a gNB is able (under the assumptions above) to receive a NGAP Multicast Session Activation/Update/Deactivation request message from another AMF in the same AMF set or from a backup AMF than the AMF(s) via which NGAP Distribution Setup procedure was triggered.

**Response to Question 3**

RAN3 did not identify any need to address new restauration procedures defined by CT4.

# 2 Actions

**To CT4:**

**ACTION:** RAN3 asks CT4 to take the response into account.

# 3 Dates of next TSG RAN WG3 meetings

RAN3#117-bis-e October 10 - October 18 2022, Online

RAN3#118 November 14 – November 18 2022, Canada