**3GPP TSG-RAN WG3 Meeting #126 R3-247854**

**Orlando, USA, 18th – 22nd November 2024**

**Title: LS on QMC Coordination for RRC Segmentation in NR-DC**

**Response to: -**

**Release: Rel-18**

**Work Item: NR\_QoE\_enh-Core**

**Source: ZTE [shall be RAN3]**

**To: RAN2**

**Cc:**

**Contact person: Yansheng Liu**

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

**Attachments:**

# 1 Overall description

RAN3 is currently discussing introduction, as correction to Rel-18, of inter-gNB coordination in support of enabling and disabling of RRC segmentation for QoE reporting on SRB4 and SRB5 in the NR-DC scenario.

In RAN3’s understanding, according to TS 38.331 clause 5.3.5.13d, is that the network performs QMC configuration or reconfiguration by sending the RRC *AppLayerMeasConfig-r17* IE to the UE. The UE determines whether to enable or disable RRC segmentation for QoE reporting on SRB4 and SRB5 based on the presence of the *rrc-SegAllowedSRB4-r17* IE and the *rrc-SegAllowedSRB5-r18* IE within the RRC *AppLayerMeasConfig-r17* IE.

With respect to the above, RAN3 kindly asks RAN2 the following:

* Can the presence of the *rrc-SegAllowedSRB4-r17* parameter be sent to the UE, by the SN? Correspondingly, can the presence of the *rrc-SegAllowedSRB5-r18* parameter be sent to the UE, by the MN?
* If the UE receives from the MN the *AppLayerMeasConfig-r17* IE which does not include the *rrc-SegAllowedSRB5-r18* parameter, how does the UE treat its RRC segmentation state for SRB5 after receiving this *AppLayerMeasConfig-r17* parameter? Does the UE keep its previous RRC segmentation state for SRB5 or does the UE consider that the RRC segmentation function for SRB5 shall be disabled?
* If the UE receives from the SN the *AppLayerMeasConfig-r17* parameter which does not include the *rrc-SegAllowedSRB4-r17* parameter, how does the UE treat its RRC segmentation state for SRB4 after receiving this *AppLayerMeasConfig-r17* parameter? Does the UE keep its previous RRC segmentation state for SRB4 or does the UE consider that the RRC segmentation function for SRB4 shall be disabled?

# 2 Actions

**To RAN2**

**ACTION:** RAN3 kindly asks RAN2 to reply the questions above.

# 3 Dates of next RAN3 meetings

RAN3#127 17th – 21st February 2025 Athens, GR

RAN3#127-bis 7th – 11th April 2025 TBD, CN