**3GPP TSG-RAN WG3 Meeting #117bis-s *R3-22xxxx***

**E-meeting, 10th – 18th October 2022**

**Title: [Draft] LS on concurrent gap configuration over F1**

**Release:** **Rel-17**

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

Source: ZTE (to be RAN3)

To: RAN2

**Cc: N/A**

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

**1. Overall Description:**

In Rel-17, the concurrent measurement gap has been introduced in RAN2. To support this feature in the split gNB scenario, the concurrent gap configuration over F1 has been discussed, i.e. which entity shall configure the association between the measurement gap and the measurement object. Obviously, there are two options to address the issue.

**Option 1:** The gNB-CU shall decide and configure the gap association Information

**Option 2:** The gNB-DU shall generate the gap association information and sent it to the gNB-CU

For Option 1, some companies think the gNB-CU can decide the gap association based on the *gapToAddModList-r17* IE and Measurement Timing Configuration since the gNB-CU is responsible for the Measurement Object definition and overall *MeasConfig*.

For Option 2, some companies think gNB-DU can decide the gap association information since the gNB-DU decides the gap configuration and gap type. In addition, as the gap priority is also decided by the gNB-DU, it is optimal to make the gNB-DU decide the gap association information.

As the *MeasConfig* and *MeasGapConfig* are defined by RAN2 and the concurrent measurement gap has been supported in RAN2 in Rel-17, RAN2 may provide some suggestions on the concurrent gap configuration related issue.

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN3 kindly asks RAN2 to give some suggestions on which option should be applied for the concurrent measurement gap configuration over F1.

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

TSG RAN WG3 Meeting #118 14th – 18th Nov. 2022 Toulouse, France