3GPP TSG-RAN WG3 Meeting #119bis-e R3-231995

Electronic meeting, 17 Apr – 26 Apr, 2023

**Title: LS on MDT measurements collection in MR-DC**

**Response to:**

**Release: Rel-18**

**Work Item: NR\_ENDC\_SON\_MDT\_enh2-Core**

Source: RAN3

**To: SA5**

**Cc:**

**Contact person: Hongzhuo Zhang**

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

**Attachments:** None.

# 1 Overall description

In MR-DC case, and in signalling based MDT, the NG-RAN node may receive two MDT configurations from AMF via NGAP which are coming from OAM originally. They are named as *MDT-Configuration NR* IE and *MDT-Configuration E-UTRA* IE in TS 38.413. Depending on whether the secondary cell is E-UTRA or NR, RAN3 has assumed that the MN is able to forward the appropriate second MDT configuration to the SN if received both IEs while the UE is configured with MR-DC.

However, in NR-DC case, only one *MDT configuration-NR* is signalled to the MN. There is ambiguity in the NGAP specification on whether the gNB is allowed to initiate the MDT task towards the SN for the UE.

If the MN receivesonly one *MDT configuration-NR*. RAN3 is not clear on whether this MDT configuration-NR shall always be forward to the SN or not, and thus the same MDT configuration will be used for both MN and SN.

RAN3 discussed whether it is beneficial for the OAM to indicate whether an MDT configuration should be triggered for the MN node only or for the SN node only or for both. During this discussion, some companies favoured such indication, claiming that this would allow for better granularity of MDT data collection (for the PCell layer, for the PSCell layer, or for both).

RAN3 would like to ask SA5 feedback on whether such indication from OAM is considered beneficial.

# 2 Actions

**To** SA5

**ACTION:** RAN3 kindly asks SA5 to feedback on above issue.

# 3 Dates of next RAN3 meetings

Updated meeting schedule can be found at: <https://portal.3gpp.org/?tbid=373&SubTB=381#/>

RAN3#120 2023-05-22 - 2023-05-26 Korea, KR

RAN3#121 2023-08-21 - 2023-08-25 Toulouse , FR