3GPP TSG-RAN WG3 Meeting #119bis-e TDoc <TDoc#>

Electronic meeting, 17 Apr – 26 Apr, 2023

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

**Response to:**

**Release: Rel-18**

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

Source: Huawei [will be 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, one for MN and one for SN. They are named as *MDT-Configuration NR* IE and *MDT-Configuration E-UTRA* IE in TS 38.413. And the MN will forward the second MDT configuration to the SN if received in MR-DC case.

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

RAN3 thinks that an indication from OAM is necessary to direct the gNB to forward the MDT configuration to SN for signalling based MDT in case of NR-DC.

RAN3 would like SA5 to confirm that support of signalling based MDT in NR-DC is need and whether an explicit indication from OAM to direct the gNB to forward the MDT configuration-NR to SN is needed or not.

# 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