**3GPP TSG-RAN3 Meeting #110-e R3-210690**

**Online, 2nd - 12th November 2020**

**Title: (draft) LS on the details of logging forms reported by the gNB-CU-CP, gNB-CU-UP and gNB-DU under measurement pollution conditions**

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

Work Item: NR\_ENDC\_SON\_MDT\_enh

Source: Ericsson

To: 3GPP SA5, 3GPP RAN2

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**1. Overall Description:**

RAN3 has discussed the issue of immediate MDT measurement pollution. Namely, the status in which, due to UE internal reasons, measurements collected for MDT are subject to errors.

RAN3 has converged towards a solution where each RAN node tasked to report immediate MDT measurements also includes in such logs information about the occurrence of measurement polluting events. Currently, RAN agreed to the inclusion of the Inter Device Coexistence measurement polluting event. Based on the information received, concerning the event affecting the measurement, each RAN node involved shall, if supported, add in the measurement logs the time start and time stop of the issue affecting the measurement. The latter would allow the TCE to filter out affected measurements depending on the factors affecting them.

**2. Actions:**

**To SA5 group**

**ACTION:** RAN3 kindly asks SA5 to discuss the details of how to report the information mentioned above and to converge to a solution mirroring RAN3 agreements, if feasible.

**To RAN2 group**

**ACTION:** RAN3 kindly asks RAN2 to take the above information into account

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

RAN3#112-e 17th May – 28th May 2021 Online