**3GPP TSG-RAN WG3 Meeting #126 R3-24xxxx**

**Orlando, USA, October 18th – 22th Nov 2024**

**Title: [Draft] LS on RAN3 agreements with impact on UE for Rel-19 SON/MDT**

**Response to: N/A**

**Release:** **Rel-19**

**Work Item: NR\_ENDC\_SON\_MDT\_Ph4-Core**

**Source: Samsung (to be RAN3)**

**To: RAN2**

**Cc: N/A**

**Contact Person:**

* + - 1. Name: Lixiang Xu
      2. E-mail Address: lx.xu@samsung.com

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

1. **Overall Description:**

On MRO for CHO with candidate SCG(s), RAN3 concluded that the following information should be reported from the UE for failure reason detection and optmisation:

* The type of the first fulfilled execution condition
* Identifier of candidate PCell(s) which met the configured CHO execution conditions when the RLF is encountered
* Identifier of candidate PSCell(s) which met the configured CPAC execution conditions when the RLF is encountered
* The Identifier of candidate PCell(s) or PSCell(s) that fulfilled execution conditions before the RLF is encountered.

On MDT for NTN, RAN3 assumes both geographical area and the mapped cell ID as Area Scope of logged MDT for NTN over NGAP are feasible and confirm with RAN2 whether the geographical area defined for MBS NTN can be reused for MDT NTN.

On SON for RA-SDT, RAN3 sees benefit in including the time from the start of RA-SDT to the reporting of RA report. This could be used by the network to determine the configuration that was used at the time of the start of RA-SDT.

**2. Actions:**

**To RAN2 group.**

**ACTION:** RAN3 kindly asks RAN2 to take the above into consideration and update their specifications as needed.

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

TSG RAN WG3 Meeting #126 18th – 22th, Nov. 2024 Orlando, US

TSG-RAN3 Meeting #127bis 7-11 April 2025 Wuhan, China