3GPP TSG-RAN WG3 Meeting #100-e                                                          R3-207132

E-meeting, 2 – 12 Nov 2020

**Title:** LS on Mobility Enhancement Optimization

**Response to:**

**Release:** Rel-17

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

**Source:** RAN3

**To:** RAN2

**Cc:** -

**Contact Person:**

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1. **Overall Description:**

Regarding SON enhancements for CHO, RAN3 agreed:

* UE reports the time elapsed since CHO execution until connection failure to network;
* the source node needs to know the candidate cell list and CHO execution condition(s). It is FFS on how the source node knows these information;
* if UE has experienced failure twice, UE reports information related with the two failures to network.

Regarding SON enhancements for DAPS handover, RAN3 agreed:

* UE reports DAPS HO Failure Indication to Network in the RLF Report.

## 2. Actions:

**To RAN2:**

**ACTION:** RAN3 respectfully asks RAN2 to take the above into account and specify the corresponding UE behavior.

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

TSG-RAN3 Meeting #111-e 25th Jan. – 5th Feb. 2021

TSG-RAN3 Meeting #112-e 17th – 28th May 2021