3GPP TSG-RAN WG3 Meeting #109-e                                                          R3-205627

17-28 August 2020

**Title:** LS on Successful Handover Report

**Response to:**

**Release:** Rel-17

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

**Source:** RAN3

**To:** RAN2

**Cc:** -

**Contact Person:**

#### Name: Lixiang Xu

E-mail Address: lx.xu@samsung.com

1. **Overall Description:**

RAN3 agreed to support a more robust mobility function in NG-RAN via reporting failure events observed during successful handovers. The NG-RAN node is able to analyze whether its mobility configuration needs adjustment based on successful handover report.

The details of the solution parts involving UE behavior pending to RAN2 analysis including:

* Information collected and signaled by a UE to the NG-RAN as a Successful Handover Report. The suggested parameters for the UE reporting is captured in TR37.816 5.3.2.5.
* The triggering condition for the Successful Handover Report to avoid unnecessary Successful Handover Report and reduce the related signalling overhead.

## 2. Actions:

**To RAN2:**

**ACTION:** RAN3 respectfully asks RAN2 to take the above into account and to decide the parts involving UE behavior.

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

TSG-RAN3 Meeting #110-e 2nd- 12th Nov. 2020