3GPP TSG-RAN WG3 Meeting #109-e                                                          R3-205677

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](mailto: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. Suggestions on parameters to be included in the Successful Handover Report and the example triggering conditions have been agreed by RAN3 and captured in TR37.816, section 5.3.2.5.

RAN3 has agreed that a solution based on Successful Handover Reports is based on the following solution components, which are pending RAN2 analysis:

* Signalling of information collected in the Successful HO Report from the UE to the NG-RAN
* Definition of triggering condition for signaling of 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