**3GPP TSG-RAN WG3 Meeting #116 Electronic R3-223791**

**Online, 9th – 19th May 2022**

**Title:** Reply LS on handover issue for 5G access stratum time distribution

**Response to:** R3-223034/ S2-2203596 LS On handover issue for 5G access stratum time distribution

**Release:** Release 17

**Work Item:** NR\_IIOT\_URLLC\_enh-Core

**Source:** RAN3

**To:** SA2

**Cc:** -

**Contact Person:**

#### Name: Ma zijiang

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**Attachments:** -

**1. Overall Description:**

RAN3 would like to thank SA2 for their LS on handover issue on 5G access stratum time distribution.

RAN3 provides the following feedback on the SA2 LS:

**Question: What is RAN3 view on transfer of such context during Xn/NGAP HO?**

**Answer:**

RAN3 has specified the Time Synchronisation Assistance Information (i.e. the 5G access stratum time distribution indication and the Uu time synchronization error budget), which is transferred during handover as follows:

* For NG-based handover, the AMF provides the Time Synhronisation Assistance Information to the target gNB via the NGAP: HANDOVER REQUEST message.
* For Xn-based handover, the source gNB provides the Time Synchronisation Assistance information to the target gNB via the XnAP: HANDOVER REQUEST message. The AMF may update the information via the NGAP: PATH SWITCH REQUEST ACKNOWLEDGE message.

**2. Actions:**

**To SA2:**

**ACTION:** RAN3 respectfully asks SA2 to take the RAN3 understanding into account.

**3. Date of Next TSG-RAN WG3 Meetings:**

3GPP RAN3#117-e 15 - 25 August 2022 Electronic Meeting

3GPP RAN3#117bis-e 10 - 18 October 2022 Electronic Meeting