**3GPP TSG-RAN WG2 Meeting #130 R2-250xxxx**

**St. Julians, Malta, 19 – 23 May 2025**

**Title: [DRAFT]** Logged Data Handling During Handover

**Response to:** -

**Release:** Release 19

**Work Item:** NR\_AIML\_air-Core

**Source:** Nokia [TSG RAN WG2]

**To:** RAN3

**Cc:** SA5

**Contact Person:**

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**Attachments:** -

**1. Overall Description:**

Regarding the handling of logged data collected for NW-side AI/ML model training at handover RAN2 has made the following agreements:

At RAN2#129:

- UE retains logged data during handover (HO). FFS if there is scenarios where the UE needs to release the data and how does the UE know and if control from network is needed

- UE indicates availability of logged data during handover (i.e., within the RRCReconfigurationComplete message) (if data is retained in the UE).

At RAN2#129b:

Introduce 1-bit indication on whether to release or retain un-retrieved data in RRCReconfiguration during/before HO. Source gNB decides whether the data should be kept. The indication is provided in RRCReconfiguration (i.e. not in RRC Reconfiguration from target cell). FFS signaling details.

At RAN2#130:

- (RRC-18) 1-bit indication on whether to release or retain un-retrieved data in RRCReconfiguration with synch is introduced. In case of HO, the source sends the 1-bit indication to target cell in *HandoverPreparationInformation* message. This 1-bit indication is included in HO command by target cell (if the target cell wants to keep the data). We should have single UE behaviour, when it receives the indication it keeps it, otherwise it removes it. Notify RAN3

- The UE should report the CGI of the serving cell whenever feasible. If CGI is unavailable, the UE shall log PCI-ARFCN as a fallback.

RAN2 would like to clarify that the data collection configuration could originate in the source gNB or from OAM.

RAN2 respectfully asks RAN3 to introduce the necessary enhancements in their specifications in Rel-19 that enable the support of the above RAN2 agreements that after a handover the target gNB retrieves the logged data collected by a UE configured to log data in RRC\_CONNECTED state at the source gNB.

**2. Actions:**

**To RAN3**

**ACTION:** RAN2 respectfully asks RAN3 to introduce the necessary enhancements in their specifications in Rel-19 that enable the support of the above RAN2 agreements that after a handover the target gNB retrieves the logged data collected by a UE configured to log data in RRC\_CONNECTED state at the source gNB.

**3. Date of Next TSG-RAN WG2 Meetings:**

RAN2#131 from 2025-08-25 to 2025-08-29 Bengaluru, IN

RAN2#131bis from 2025-10-13 to 2025-10-17 Prague, CZ