**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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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**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#127bis:

UEInformationRequest/UEInformationResponse is used for on-demand reporting of AI/ML training data collection. FFS of details of the message

The UE can indicates the availability of logged data to the network to assist network to trigger UEInformationRequest. FFS trigger/definition of availability indication. and FFS how data availability indication is sent to the network.

At RAN2#129:

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

- As baseline, the UEInformationResponse contains one or more logged measurement entries in chronological order (i.e. starting from the oldest measurement entries stored in the UE memory), and an availability indication if there are further data available for transmission. Same principles as for logged MDT.

At RAN2#130:

- (RRC-18) 1-bit indication on whether to release or retain un-r’etrieved 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