**3GPP** **TSG RAN WG2 Meeting #131 R2-2506541**

**Bengaluru, India, 25th – 29th Aug. 2025**

**Title: [Draft] LS on User consent for Data collection at the UE for NW-side model training**

**Response to:**

**Release: Rel-19**

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

**Source: NTT DOCOMO [to be RAN2]**

**To: SA3**

**Cc: RAN3, SA5**

**Contact person: Koki Yamashita**

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

**Attachments:** **None**

1 Overall description

Regarding the user consent for NW-side data collection, RAN2 has made the following agreements in RAN2#131 meeting:

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| * Send an LS to SA3 indicating our work on nw-sided gNB and OAM centric data collection and content of collected data. RAN2 discussed the need for user consent and would like to SA3 to take it into account and decide on the need for user consent for nw sided data collection.
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RAN2 discussed the need for user consent for NW-side data collection, but the decision is up to SA3.

The following agreements are related to the collected data contents for NW-side model

<RAN2#127bis>

**Agreements on NW side data collection**

1. Periodic logging is supported for training data collection procedure in R19

<RAN2#129>

**All agreements for NW side data collection**

Support the use of L3 measurement event triggered (i.e. L3 serving cell measurements becoming worse/better than a threshold for TTT) to determine whether the UE performs logging or not.

<RAN2#131>

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| RAN2 measurements 1 For network-side data collection for beam prediction, measurement reports include the following:.⁻ Cell identity: CGI or PCI of the cell to which the measurement results are related.⁻ Logged L1 radio measurement results including the beam identifiers associated to CSI-RS resources or SSBs (CSI-RS IDs or SSB IDs) and the corresponding measured L1-RSRPs. |

For the NW-side data collection, RAN2 considers two options, i.e. OAM-centric data collection and gNB-centric data collection.

In RAN2#125bis for NW-side data collection related to beam management use case, RAN2 agreed to consider gNB-centric and OAM centric data collection, as below:

<RAN2#125bis>

**Agreements**

1 For the NW-side data collection related to beam management use cases, RAN2 to consider gNB-centric and OAM-centric approaches

In RAN2#129bis meeting, for the OAM-centric data collection, RAN2 agreed to adopt only management based immediate MDT for NW-side data collection, as below:

<RAN2#129bis>

* RAN2 assumes that for OAM centric, only adopt management based immediate MDT for NW-side data collection

Based on above agreements, RAN2 assumes following:

* For OAM-centric data collection, the OAM configures the data collection via gNB which configures the UE with RRC signalling to perform data collection.
* For gNB-centric data collection, gNB directly configures via RRC the UE to perform data collection.

**Question:** RAN2 kindly asks SA3 to decide whether user consent is needed for each option and if so, how that can be achieved.

2 Actions

**To SA3**

**ACTION:** RAN2 kindly asks SA3 to provide their feedback on the above question for user consent for NW-side data collection.

3 Dates of next TSG RAN WG2 meetings

RAN2#131bis 13th – 17th October 2025 Prague, CZ

RAN2#132 17th – 21st November 2025 Dallas, US