**3GPP TSG RAN WG2 Meeting #131 R2-2505xxx
Bengaluru, Indian, August 25 – 29, 2025**

**Title: [Draft] Reply LS on AI/ML functionality activation**

**Response to: R2-2505045 (R4-2508085)**

**Release: Release 19**

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

**Source: Apple [to be RAN2]**

**To: RAN4**

**Cc: RAN1**

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

**Attachments: None**

1 Overall description

RAN2 thanks RAN4 for the LS on AI/ML functionality activation. RAN2 discussed the two interpretations provided by RAN4 and concluded that it is necessary to further clarify the following UE behavior of RAN2#129b agreement from RAN2 point of view:

* If the UE is ready for inference by end of RRC processing delay, it reports model applicable. If not, it reports model inapplicable and doesn’t set the release flag. The network is not expected to release inference configuration ~~(this will not be added to stage 3 specifcation).~~
* Once the model is applicable, UE reports applicability to network via UAI (applicable to all CSI reporting).

Furthermore, RAN2 agreed RRC processing delay shouldn’t be impacted by the model loading delay. Thus, as legacy, RRCReconfigurationComplete containing applicability reports has a processing latency requirement of 16 ms with respect to the reception of RRCReconfiguration.

Finally, RAN2 conclude that the UE submits the inference configuration of periodic CSI to lower layers only after the applicabilityStatus is set to applicable. Thus, NW knows that the UE will not report periodic CSI prediction until reception of RRCReconfigurationComplete.

2 Actions

**To RAN4**

**ACTION:** RAN2 respectfully requests RAN4 to take above replies into account.

**To RAN1**

**ACTION:** RAN2 respectfully requests RAN1 to take the last paragraph into account and make necessary specification change (if any).”

3 Dates of next TSG RAN WG2 meetings

TSG-RAN WG2 Meeting #131-bis October 13 to 17, 2025 Prague, CZ

TSG-RAN WG2 Meeting #132 November 17 to 21, 2025 Dallas, US