**3GPP TSG-RAN WG2 Meeting #129bis R2-25xxxxx**

**Wuhan, China, April 7th – 11th, 2025**

**Title: [DRAFT] LS on paging ID length**

**Response to:** -

**Release:** Rel-19

**Work Item: Ambient\_IoT\_solutions**

**Source:** CATT **[To be RAN2]**

**To:** SA2, CT4, RAN3

**Cc:**

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

**Attachments:** -

1 Overall description

RAN2 had discussed Paging ID in an A-IoT paging message and reached the agreement at RAN2#129 meeting:

**Agreements on paging ID**

1. The “one identifier” in the paging message includes both the case of “one single device identifier” and “one group identifier”/”filtering criteria”, while the exact format of latter is supposed to be designed by SA2.

RAN2 had discussed the length of Paging ID in an A-IoT paging message and reached the below agreement on paging ID length at RAN2#129bis meeting:

**Agreements on paging ID length**

1. A field indicating Paging ID length information is always included together with the paging ID field in the A-IoT paging message, except the case where no ID is included in the A-IoT paging message.
2. The number of bits required for paging ID length field should be as small as possible. This would require the number of different Paging ID lengths to be small.

RAN2 would like to request SA2, CT4 and RAN3 to take the above agreements into account for the design of paging ID and related NGAP signaling.

2 Actions

**To SA2 and CT4**

**ACTION:** RAN2 respectfully asks SA2 and CT4 to take above information into account for the design of paging ID, and provide feedback (e.g., candidate values and/or ranges of the paging ID length for RAN2 to determine the number of codepoints needed), if any.

**To RAN3**

**ACTION:** RAN2 respectfully asks RAN3 to take above information into account for the design of related NGAP signaling (e.g., the Inventory Request Transfer IE).

3 Dates of next TSG RAN WG2 meetings

TSG RAN WG2 Meeting #130 2025-05-19 ~ 2025-05-23 Malta, MT

TSG RAN WG2 Meeting #131 2025-08-25 ~ 2025-08-29 Bangalore, IN