**SA WG2 Meeting ##168 S2-250xxxx**

**07 - 11 April, 2025, Goteborg, Sweden**

Title: [DRAFT] LS Reply on Ambient IoT progress of RAN3

Response to: S2-2502832/ R3-250905

Release: Release 19

Work Item: AmbientIoT-ARC

Source: SA2

To: RAN3, SA5

Cc:

**Contact Person:**

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Attachments: N/A

**1. Overall Description:**

SA2 thanks RAN3 for the LS about the RAN3 progress related to Architecture and OAM aspects.

SA2 would like to reply as following:

* *AIOTF obtains the A-IoT RAN information (supported Area, served reader ID list) via OAM configuration, FFS on RAN3 signalling for the A-IoT RAN information.*

**[SA2 reply]:** It is not clear that the relationships between ‘supported Area’ and ‘served reader ID list’, e.g. if there are relationship mapping between them.

It is not clear that if the supported Area means the minimum service area granularity like cell, and the total service areas of AIoT RAN Node are the list of the supported Area.

* *In Inventory Request, gNB receives the requested Service Area Information (encoded as Area and/or reader ID list) from AIOTF.*

**[SA2 reply]:** It is not clear when and why the requested Service Area Information encoded as Area and reader ID list. From SA2 perspective, the requested Service Area Information encoded as Area or reader ID list is enough in this case.

**2. Actions:**

**To RAN3 and SA5**

**ACTION:** SA2 would ask RAN3 and SA5 to take above into account and provide feedback, if any.

**3. Date of Next TSG SA WG2 Meetings:**

SA2#169 19 May 2025 - 23 May 2025 Fukuoka City, JP

SA2#170 25 Aug 2025 - 29 Aug 2025 Goteborg , SE