3GPP TSG-RAN WG2 #129 R2-25xxxx

Athens, Greece, 17th – 21st February 2025

**Title:** Reply LS on LP-WUS operation in CONNECTED mode

**Response to:** R2-2500012

**Release:** Rel-19

**Work Items:** NR\_LPWUS

**Source:** RAN WG2

**To:** RAN WG1

**CC:**

**Contact Person:**

**Name:** Kenichiro Aoyagi

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**Attachment:**  -

1. **Overall Description:**

RAN2 thanks RAN1 for the LS on LP-WUS operation in CONNECTED mode.

RAN2 confirmed as the following

* For Option 1-1, UE monitors LP-WUS outside C-DRX active time at least when long DRX cycle is used. FFS whether short DRX cycle is used.
* RAN2 confirm the (Long) DRX command MAC CE can be used with option 1-1 to stop drx-onDurationTimer and drx-InactivityTimer.
* RAN2 confirm the (Long) DRX command MAC CE can be used with option 1-2 to stop the new timer and drx-InactivityTimer.

RAN2 will continue discussing on the issues of short DRX cycle (e.g., the support of short DRX cycle with LP-WUS) on Option 1-1 and Option 1-2.

**2. Actions:**

**To RAN WG1**

**ACTION:** RAN2 respectfully asks RAN1 to take the reply above into account.

**3. Date of Next RAN WG2 Meetings:**

TSG-RAN WG2 Meeting #129bis April 7 to April 11, 2025 China, CN

TSG-RAN WG2 Meeting #130 May 19 to May 23, 2025 Malta, MT