**3GPP TSG-RAN WG2 Meeting #127 R2-240xxxx**

**Maastricht, Netherlands, Aug 19~23, 2024**

**Title: Reply to RAN3 LS on UL PSI based PDU discarding in NR-DC**

**Response to: LS R3-2403957**

**Release: Rel-19**

**Work Item:** **NR\_XR\_Ph3-Core**

**Source: RAN2**

**To: RAN3**

**Cc:** **-**

**Contact Person:**

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

**Attachments:** **-**

**1. Overall Description:**

RAN2 thank RAN3 for the questions on PSI-based SDU discard on UL split bearer in NR-DC. The following is the current UE behavior:

* UE activates PSI-based SDU discard on a UL split-bearer upon reception of a PSI-Based SDU Discard De-/Activation MAC CE activating the discard from either MN or SN;
* UE deactivates PSI-based SDU discard on a UL split-bearer upon reception of a PSI-Based SDU Discard De-/Activation MAC CE deactivating the discard from either MN or SN.

It is up to RAN3 whether to apply network side solutions to improve the effectiveness of PSI-based SDU discard.

**2. Actions:**

**To RAN3:**

**ACTION:** RAN2 kindly asks RAN3 to take the above answers into consideration in their studies.

**3. Date of Next RAN2 Meetings:**

RAN2#127-bis 14th Oct – 18th Oct 2024 Hefei, China

RAN2#128 18th Nov – 22th Nov 2024 Orlando, USA