**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 Activation/Deactivation MAC CE activating the discard, regardless of whether the MAC CE is received from MN or SN;
* UE deactivates PSI-based SDU discard on a UL split-bearer upon reception of a PSI-Based SDU Discard Activation/Deactivation MAC CE deactivating the discard, regardless of whether the MAC CE is received from MN or SN.

It is up to RAN3 to discuss whether any network side solutions to improve PSI-based SDU discard is needed.

**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