3GPP TSG-RAN WG2 #130 R2-250xxxx

**St. Julians, Malta, May 19 – May 23, 2025**

**Agenda item:**8.7.1 (NR\_XR\_Ph3-Core)

**Source:** LG Electronics

**Title:** Discussion of [POST129bis][504][XR] PDCP running CR (LGE)

**Document for:** Report

# 1. Introduction

This document summarizes the discussion of the following offline discussion.

* [POST129bis][504][XR] PDCP running CR and open issues (LGE)

 Scope:

* Update and review the CR
* List open issues related to the CR

 Intended outcome:

* Running CR for endorsement in the next meeting
* List of open issues for discussion at the next meeting

 Deadline: April 29, 10:00 UTC

# 2. Contact information

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| Company | Name  | E-mail |
| LG Electronics | SeungJune Yi  | seungjune.yi@lge.com |
| OPPO | Zhe Fu | fuzhe@OPPO.com |
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# 3. Comments to the PDCP running CR v01

Companies are invited to list their comments on v01, using comment identifier (company ID and number), e.g. LGE001. The rapporteur will provide update based on the comments in proper time.

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| Comment identifier | Section | Comments and/or change suggestions | Rapporteur resolution |
| OPPO001 | 3.1 | We understand that the Rapporteur intends to resolve the COUNT issue mentioned by companies in the last meeting. However, we think the following text somehow depends on when the UE assigns SN. Note that the non-delay-reporting data ahead of delay-reporting data can include both the data with low importance associated with the same channel and the data associated with other channel with higher LCH priority.**Non-delay-reporting PDCP SDU**: a non-delay-reporting PDCP SDU associated with the i:th *dsr-ReportingThreshold* is a PDCP SDU that will be transmitted prior to the PDCP SDU with the largest COUNT value among the delay-reporting PDCP SDUs associated with the i:th *dsr-ReportingThreshold*.Thus, we suggest the text below for a more generic description of Non-delay-reporting PDCP SDU:**Non-delay-reporting PDCP SDU**: a non-delay-reporting PDCP SDU associated with the i:th *dsr-ReportingThreshold* is a PDCP SDU that will be transmitted prior to any one of the delay-reporting PDCP SDUs associated with the i:th *dsr-ReportingThreshold*. |  |
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# 4. Comments to the PDCP running CR v02

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| Comment identifier | Section | Comments and/or change suggestions | Rapporteur resolution |
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# 5. Comments to the PDCP running CR v03

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| Comment identifier | Section | Comments and/or change suggestions | Rapporteur resolution |
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# 6. Open issues

The following editor’s NOTE have been kept in the current running CR

* Issue 1: It is FFS which delay-reporting PDCP data volume shall consider PDCP Control PDUs, the PDCP SDUs to be retransmitted, and the PDCP Data PDUs to be retransmitted.
* Issue 2: It is FFS for which PDCP SDU the transmitting PDCP entity shall trigger RLC autonomous retransmission and polling, if *pdu-SetDiscard* is configured.

In addition, following open issues are identified during e-mail discussion.

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