3GPP TSG-RAN WG2 Meeting #114-e R2-210xxxx

Online, 19 – 27 May 2021

**Agenda item: 6.1.3.1**

**Source: CATT (Rapporteur)**

**Title: Summary of [AT114-e][015][NR16] User Plane IPA CRs (CATT)**

**Document for: Discussion and Decision**

# 1 Introduction

This document is the report of the following email discussion:

* **[AT114-e][015][NR16] User Plane IPA CRs (CATT)**

 Scope: Treat R2-2105762, R2-2105785, R2-2105932, R2-2106206, R2-2106309

 Phase 1, For IPA CRs Confirm CRs or identify needed change. Phase 2, for IPA CR modifications, if any, Work on CRs.

 Intended outcome: Report and Agreed CRs.

 Deadline: Schedule A

Initial deadline for companies’ comments (Phase 1): **Friday May 21 1000 UTC**

Deadline for CR finalization (Phase 2): **Wednesday May 26 1200 UTC**

# 2 Contact Points

Respondents to the email discussion are kindly asked to fill in the following table.

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| Company | Name | Email Address |
| CATT (Rapporteur) | Pierre Bertrand | pierrebertrand@catt.cn |
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# 3 Discussion

IIoT

[R2-2105762](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105762.zip) Corrections on MAC handling of uplink grants within a bundle CATT CR Rel-16 38.321 16.4.0 1070 2 F NR\_IIOT-Core R2-2104541

In R2-2105762, the HARQ entity procedure is updated to restrict the hard-written behaviour by which a dynamic grant is always prioritized over an overlapping configured grant repetition in a bundle to the case where *lch-basedPrioritization* is not configured.

The changes have been agreed in principle on RAN2#113bis-e meeting and there is no further modification in R2-2105762.

**Question 1**: Companies that have a concern with the IPA CR in R2-2105762 are invited to express which change(s) is/are required?

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| Company | Which change is required? |
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**Summary 1**: TBD.

**Proposal 1**: TBD.

[R2-2105785](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105785.zip) Clarification on which uplink grants participate to the intra-UE prioritization procedure CATT, Samsung, Ericsson CR Rel-16 38.321 16.4.0 1066 1 F NR\_IIOT-Core R2-2102763

R2-2105785 proposes to add the additional condition for considering an uplink grant for intra-UE prioritization that the uplink grant is delivered to the HARQ entity to avoid erroneously understood that uplink grants filtered out by the legacy procedure would still participate to the intra-UE prioritization procedure.

The changes have been agreed in principle on RAN2#113bis-e meeting and there is no further modification in R2-2105785.

**Question 2**: Companies that have a concern with the IPA CR in R2-2105785 are invited to express which change(s) is/are required?

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| Company | Which change is required? |
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**Summary 2**: TBD.

**Proposal 2**: TBD.

NR-U

[R2-2105932](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2105932.zip) Corrections to BSR/PHR content for NR-U ZTE Corporation, Sanechips CR Rel-16 38.321 16.4.0 1075 1 F NR\_unlic-Core R2-2103023

R2-2105932 proposes to add the restriction that it is up to the implementation of the UE to handle the content of BSR/PHR which is transmitted on configured grant to align the agreements in RAN2#105bis.

The changes have been agreed in principle on RAN2#113bis-e meeting and there is no further modification in R2-2105932.

**Question 3**: Companies that have a concern with the IPA CR in R2-2105932 are invited to express which change(s) is/are required?

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| Company | Which change is required? |
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**Summary 3**: TBD.

**Proposal 3**: TBD.

IAB

[R2-2106206](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2106206.zip) Miscellaneous corrections on BAP transmitting operation and default routing Huawei, HiSilicon CR Rel-16 38.340 16.4.0 0015 2 F NR\_IAB-Core R2-2104560

R2-2106206 includes miscellaneous corrections to data transfer procedure for BAP:

* In Section 5.2.1.1, add ", and construct BAP Data PDUs as needed (see clause 4.2.2) " in the transmitting operation of BAP entity of the IAB-donor-DU.
* In Section 5.2.1.4.2, add "a" before the "non-F1-U packets".
* In Section 5.2.2, add "data" between the "BAP" and "PDU".

The changes have been agreed in principle on RAN2#113bis-e meeting and there is no further modification in R2-2106206.

**Question 4**: Companies that have a concern with the IPA CR in R2-2106206 are invited to express which change(s) is/are required?

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| Company | Which change is required? |
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**Summary 4**: TBD.

**Proposal 4**: TBD.

PDCP

[R2-2106309](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_114-e%5CDocs%5CR2-2106309.zip) PDCP miscellaneous corrections LG Electronics Inc. (PDCP rapporteur) CR Rel-16 38.323 16.3.0 0078 - F NR\_IIOT-Core, 5G\_V2X\_NRSL-Core

R2-2106309 includes miscellaneous corrections to PDCP:

* Specify that integrity protection and verification are not applied to PDCP Control PDU including EHC feedback to align the the IIoT agreements
* Add “respectively” for respective integrity protection and ciphering procedure;
* Specify that the NOTE in RX\_NEXT is applied only for sidelink UEs

The changes have been agreed in principle on RAN2#113bis-e meeting and there is no further modification in R2-2106309.

**Question 4**: Companies that have a concern with the IPA CR in R2-2106309 are invited to express which change(s) is/are required?

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**Summary 5**: TBD.

**Proposal 5**: TBD.

# 4 Conclusion

TBD.