**3GPP TSG-RAN WG2 Meeting #111-eR2-200xxxx**

**Online, 17–28 August 2020**

**Agenda item: 5.4.1.1**

**Source: CATT**

**Title: Report of ‎[AT111-e][004][NR15] L2 Parameters and Security (CATT)‎**

**Document for: Discussion and Agreement**

# 1 Introduction

This is to report the result of the following email discussion in RAN2#111-e Meeting [1].

* [AT111-e][004][NR15] L2 Parameters and Security (CATT)

 Scope: Treat [R2-2008038](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2008038.zip), [R2-2008039](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2008039.zip), [R2-2006891](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006891.zip), [R2-2006892](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006892.zip), [R2-2007348](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007348.zip), [R2-2007349](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007349.zip), [R2-2006993](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006993.zip), [R2-2006994](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2006994.zip) (proponents to drive)

 Part 1: Decision whether to make corrections, identify agreeable parts. Identify Controversial issues for on-line treatment (if any).

 Deadline: Aug 20, 0900 UTC.

 Part 2: For agreeable parts, continuation to agree CRs.

 Deadline: Aug 26, 0900 UTC.

The remainder of this document is organized as the following. The discussions are in Section 2 and the conclusions are summaried in Section 3.

# 2 Discussion

## 2.1 Reconfiguring RoHC and setting the drb-ContinueROHC simultaneously

Companies are invited to provide their views/comments on the following CRs in the following table.

R2-2008038‎ Reconfiguring RoHC and setting the drb-ContinueROHC simultaneously Qualcomm Incorporated CR Rel-15‎ ‎38.331‎ ‎15.10.0‎ ‎1978‎ ‎-‎ F NR\_newRAT-Core

R2-2008039‎ Reconfiguring RoHC and setting the drb-ContinueROHC simultaneously Qualcomm Incorporated CR Rel-16‎ ‎38.331‎ ‎16.1.0‎ ‎1979‎ ‎-‎ A NR\_newRAT-Core

**Table 1**

|  |  |  |
| --- | --- | --- |
| Company Name | Views: Agree as is;Agree with changes;Disagree | Comments |
| Qcom | Agree | Proponent:RoHC continuity is not possible unless the RoHC configuration is preserved upon the reception of the ReconfigurationWithSync. Hence adding such restriction is justified |
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**Proposed conclusion:**

TBD

## 2.2 On UE behaviour after TAT expiry due to reconfigurationWithSync

Companies are invited to provide their views/comments on the following CRs in the following table.

R2-2006891‎ CR to clarify UE behaviour after TAT expiry due to reconfigurationWithSync ZTE Corporation, ‎Sanechips CR Rel-15‎ ‎38.331‎ ‎15.10.0‎ ‎1750‎ ‎-‎ F NR\_newRAT-Core

R2-2006892‎ CR to clarify UE behaviour after TAT expiry due to reconfigurationWithSync ZTE Corporation, ‎Sanechips CR Rel-16‎ ‎38.331‎ ‎16.1.0‎ ‎1751‎ ‎-‎ A NR\_newRAT-Core

**Table 2**

|  |  |  |
| --- | --- | --- |
| Company Name | Views: Agree as is;Agree with changes;Disagree | Comments |
| Qcom | Agree | Agree with the intention of the CR, as delta Signaling is not possible during ReconfigurationWithSync for these fields.  |
| Ericsson (Antonino Orsino) | Agree | We are okay to clarify that delta signaling does not apply for those fields. |
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**Proposed conclusion:**

TBD

## 2.3 On NR PDCP COUNT wrap around

Companies are invited to provide their views/comments on the following CRs in the following table.

[R2-2007348](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007348.zip) Clarification on NR PDCP COUNT wrap around Nokia, Nokia Shanghai Bell CR Rel-15 38.331 15.10.0 1834 - F NR\_newRAT-Core

[R2-2007349](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_111-e%5CDocs%5CR2-2007349.zip) Clarification on NR PDCP COUNT wrap around Nokia, Nokia Shanghai Bell CR Rel-16 38.331 16.1.0 1835 - A NR\_newRAT-Core

**Table 3**

|  |  |  |
| --- | --- | --- |
| Company Name | Views: Agree as is;Agree with changes;Disagree | Comments |
| Qcom | Agree |  |
| Ericsson (Antonino Orsino) | Agree (Rapporteur CR) | We are fine with the change, but maybe we can include it in the Rapporteur’s CR. |
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**Proposed conclusion:**

TBD

## 2.4 On Presence Condition of securityConfig

Companies are invited to provide their views/comments on the following CRs in the following table.

R2-2006993‎ Correction on Presence Condition of securityConfig CATT CR Rel-15‎ ‎38.331‎ ‎15.10.0‎ ‎1761‎ ‎-‎ F NR\_newRAT-Core

R2-2006994‎ Correction on Presence Condition of securityConfig CATT CR Rel-16‎ ‎38.331‎ ‎16.1.0‎ ‎1762‎ ‎-‎ F NR\_newRAT-Core

**Table 4**

|  |  |  |
| --- | --- | --- |
| Company Name | Views: Agree as is;Agree with changes;Disagree | Comments |
| Qcom | Agree | current spec is ambiguous from ASN1 when the parent securityConfig IE was to be included. with the proposed change, the parent IE is now mandated for RB add/termination point change, along with child IEs. |
| Ericsson | Disagree | We believe that network implementation can solve it as is quite straightforward that if a child IE should be present, also his parent IE should be obvisously present. According to this, we do not want to have this NBC at this stage. |
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**Proposed conclusion:**

TBD

# 3 Conclusion

TBD

# 4 References

[1] R2-111e Chair Notes 2020-08-17 1000 UTC.docx