3GPP TSG-RAN WG2 Meeting #112-e R2-200xxxx

Online, 2nd - 13th November 2020

**Agenda item: 4.2**

**Source: Huawei**

**Title: Draft summary of [AT112-e][401][NB-IoT/eMTC R15] UP EDT for DRB using RLC AM (Huawei)**

**Document for: Report**

# 1 Scope of the offline discussion

This is the offline email discussion “[AT112-e][401][NB-IoT/eMTC R15] UP EDT for DRB using RLC AM”, as indicated below:

* [AT112-e][401][NB-IoT/eMTC R15] UP EDT for DRB using RLC AM (Huawei)

Status: Started

Scope: Discuss how to capture the agreement on how the procedure ends at the UE for MO-EDT, MT-EDT or PUR in the specifications.

Intended outcome: Agreed 36.300 and 36.331 CRs in R2-2010810, R2-2010811, R2-2010812, and R2-2010813

Deadline: Tuesday 2020-11-10 14:00 UTC

# 2 Offline discussion

The summary of offline discussion [Post111-e][922][NB-IoT/eMTC R15] UP EDT for DRB using RLC AM (Huawei) [1] was discussed and the following agreeement was made:

* For MO-EDT, MT-EDT or PUR, the procedure ends at the UE with the transmission of HARQ ACK for Msg4, i.e., without responding to the poll bit, if any, or waiting for 1.25sec/10 sec. FFS how to capture this in the specifications.

This offline discussion is to discuss and agree on what and how to capture in the specification.

In [1], it was proposed to capture the above as follows:

* Proposal 5: Capture in stage 2 that the EDT procedure terminates with the transmission of HARQ ACK for MSG4 which is an implicit acknowledgment of the successful delivery of the DL data. ([2])
* Proposal 6: Capture in RRC specification, that upon reception of RRCConnectionRelease for EDT, the UE can proceed without delay with the release of the resources, regardless of any poll bit. ([4])

**Proposal 1**: Capture in stage 2 that, for MO-EDT, MT-EDT and PUR, the EDT procedure ends with the transmission of HARQ ACK for MSG4 which is an implicit acknowledgment of the successful delivery of the DL data

Companies to provide their views on the proposal and provide details on the required changes as needed.

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| **Company** | **Do you agree?**  **Yes/No** | **Comments** |
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Conclusion:

**Proposal 2**: Capture in RRC specification, that upon reception of RRCConnectionRelease for EDT, the UE proceeds without delay with the release of the resources (i.e, regardless of any poll bit).

Companies to provide their views on the proposal and provide details on the required changes as needed.

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| **Company** | **Do you agree?**  **Yes/No** | **Comments** |
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Conclusion:

Companies to provide their views on whether other changes are required and in which specification(s).

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| **Company** | **Comments** |
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Conclusion:

# 3 Conclusion

# 4 Reference

1. [R2-2009723](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009723.zip) Report of e-mail discussion [Post111-e][922][NB-IoT/eMTC R15] UP EDT for DRB using RLC AM (Huawei) Huawei, HiSilicon report Rel-15 NB\_IOTenh2-Core, LTE\_eMTC4-Core

1. [R2-2009724](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009724.zip) Clarification to UP-EDT Huawei, HiSilicon CR Rel-15 36.300 15.11.0 1298 1 F NB\_IOTenh2-Core, LTE\_eMTC4-Core [R2-2007328](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2007328.zip)
2. [R2-2009725](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009725.zip) Clarification to UP-EDT Huawei, HiSilicon CR Rel-16 36.300 16.3.0 1299 1 A NB\_IOTenh2-Core, LTE\_eMTC4-Core [R2-2007329](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2007329.zip)

1. [R2-2009726](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009726.zip) Clarification to UP-EDT Huawei, HiSilicon CR Rel-15 36.331 15.11.0 4477 - F NB\_IOTenh2-Core, LTE\_eMTC4-Core
2. [R2-2009727](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009727.zip) Clarification to UP-EDT Huawei, HiSilicon CR Rel-16 36.331 16.2.1 4478 - A NB\_IOTenh2-Core, LTE\_eMTC4-Core

# 4 Participants

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| **Company** | **Name** | **e-mail address** |
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