3GPP TSG-RAN WG2 #112 electronic R2-200xxxx

Electronic Meeting, Nov 2-13, 2020

Agenda Item: 6.1.2

Source: Intel Corporation

Title: [AT112-e][015][NR16] UE capabilities (Intel)

Document for: Discussion, Decision

# 1 Introduction

This contribution summarizes the following discussion:

* [AT112-e][015][NR16] UE cap Main (Intel)

 Scope: a) Treat tdocs on specific issues as assigned..

 Deadline: Intermediate deadline(s) by Rapporteur, Final: Discussion stop at Wed Nov 11, 1200 UTC

The following documents are treated in this discussion:

[1] [R2-2009663](file:///D%3A%5CDocuments%5C3GPP%5Ctsg_ran%5CWG2%5CTSGR2_112-e%5CDocs%5CR2-2009663.zip) Corrections to NR UE capabilities and features Lenovo, Motorola Mobility CR Rel-16 38.306 16.2.0 0432 - F NR\_UE\_pow\_sav-Core, NR\_SON\_MDT-Core

Treat by email in Main UE cap discussion.

[2] R2-2010993 Corrections for drx-Adaptation capability Ericsson CR Rel-16 38.306 16.2.0 0612 - F NR\_UE\_pow\_sav-Core

Treat by email in Main UE cap discussion.

# 2 Discussion

## 2.1 Part 1: Intended to determine agreeable parts

The proposals listed in this subsection 2.1 are extracted from CRs to facilitate the discussion.

### 2.1.1 R2-200963 Corrections to NR UE capabilities and features

In [1], the following are provided in the reason for change:

1. Grouping of Power saving capabilities is not aligned with TS 38.331. In TS 38.306 they have been grouped under “General parameters”, however in TS 38.331 they have been grouped under IE *PowSav-Parameters*.
2. The features “Relaxed measurement”, “Mobility history information storage”, “Cross RAT RLF Report” and “Radio Link Failure Report for inter-RAT MRO EUTRA” are misplaced under “UE receiver features”. It is recommended to place these features under meaningful feature groups.

For 1 above, from the TS38.306 rapporteur point of view, we normally do such grouping of feature into a section in TS38.306 only for WI with many capabilities.

**Q1 Do companies agree with the proposed changes in the CR?**

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| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
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### 2.1.2 R2-2010993 Corrections for drx-Adaptation capability

In [2], the following are provided in the reason for change and summary of change:

Reason for Change:

RAN2 agreed that DCP is supported with Long DRX only. The description of the *drx-Adaptation* capability is ambiguous concerning this aspect. Furthermore the capability is unclear if DCP is supported on the primary cell (PCell/PSCell) of the Frequency Range only.

Summary of Change:

It is clarified that *drx-Adaptation* capability only applies to the DCP of Long DRX. It is clarified that the UE may support DCP on the PCell/PSCell in FR1 or FR2. Furthermore some editorial corrections are added.

**Q3 Do companies agree with the proposed changes in the CR?**

|  |  |  |
| --- | --- | --- |
| **Company** | **Yes/No** | **Comments** |
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## 2.2 Part 2: Intended to progress discussion on agreeable parts

- To be updated after discussion on part 1 -

# 3 Conclusion

- To be updated after discussion on part 1 -