3GPP TSG RAN WG2 Meeting #109bis-e R2-200xxxx

**Electronic meeting, 20th – 30th April, 2020**

**Agenda item:** 7.1.1

**Source:** Intel Corporation

**Title:** Open issues and comments to TS 36.300 for Rel-16 eMTC

**Document for:**  Discussion and decision

# Introduction

This contribution addresses new/update of the stage-2 TP to 36.300 considering the agreed eMTC CR to 36.300 [1], the R2#109bis-e agreements as part of the email discussion **“[AT109bis-e][403][eMTC] 36.300 CR (Intel)**”.

* [AT109bis-e][403][eMTC] 36.300 CR (Intel)

Scope: Update the CR, i.e., address the open issues and capture the agreements from this meeting.

 Intended outcome: Baseline CR to update TS 36.300 in R2-2003918

 Deadline: Wednesday, Apr. 29th 10:00 UTC

To reduce overlapping discussions between this email discussion [403] and “[AT109bis-e][304][NBIOT] 36.300 CR (Huawei)”, we suggest not to discuss here the TPs that address common features between MTC and NB-IoT (as in our understanding, those are addressed on email discussion [304]) but instead, this email discussion focuses on MTC specific ones.

# Discussion on RAN2#109bis-e agreements and miscellaneous corrections

This section 2 lists the sections of TS 36.300 that were updated with the agreed eMTC CR [1], and also adds a miscellaneous sections for comments on other sections that may need to be considered.

## Section 2 on References

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 5 Physical Layer for E-UTRA

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 7 on RRC

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 10.1.4 Paging and C-plane establishment

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 10.1.9 on Mobility in RRC\_INACTIVE

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 11 on Scheduling and Rate Control

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 15 on MBMS Transmission

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 16 on Radio Resource Management aspects

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Section 23 on Others

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
| Qualcomm | For the following RAN2 agreement: **- It is captured in 36.300 that interworking between Cat M and NR is not supported in this version of the specification.**We propose the following changes to section 23.7aA bandwidth reduced low complexity (BL) UE can operate in any LTE system bandwidth but with a limited channel bandwidth of 6 PRBs (corresponding to the maximum channel bandwidth available in a 1.4 MHz LTE system) in downlink and uplink. Interworking with NR is not supported by BL UE (e.g. functions like NR measurement reporting, reselection to NR, handover to NR, redirection to NR are not supported). |
|  |  |

## Section 24 on support for 5GC

1. Companies are invited to provide any comments in this section:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

## Miscellaneous

1. Companies are invited to provide any comments in other sections:

|  |  |
| --- | --- |
| **Company’s name** | **Company’s view** |
|  |  |
|  |  |

# Summary

*<If needed, to be updated when doing the summary>*

1. *<If needed, to be updated when doing the summary>.*

# Conclusion

The proposals captured are the following:

***Proposal 1.*** *<If needed, to be updated when doing the summary>.*

# References

1. R2-2001868 Introduction of Rel-16 eMTC enhancements, Intel Corporation , Rel-16, TS 36.300, v16.0.0, CR#1267, rev.1, category B, LTE\_eMTC5-Core.