3GPP TSG-RAN WG2 Meeting #112-e draftR2-2010703

Electronic meeting, 2nd – 13th November 2020

Agenda Item: 10.3

Source: Session Chair (Ericsson)

Title: draftReport eMTC breakout session

Document for: Approval

**General**

Recording of voice or video at meetings is not used in 3GPP. This applies also to this e-Meeting. At this e-Meeting, no specific actions are taken to prevent the recording of web conferences. Companies that have concerns related to recordings, if any, may express those by email in the main meeting organizational thread [AT112-e][000]

Please see the following Tdocs for e-meeting guidance:

[R2-2008700](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2008700.zip) Agenda for RAN2#112-e Chairman agenda

[R2-2010988](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2010988.zip) RAN2#112-e Meeting Guidelines MCC discussion

**Time Schedule**Please refer to the latest schedule in the RAN2 inbox on the public 3GPP servers.

**Access Tools**

*HTTP Upload Tool:*

ETSI IT has created a facility in Inbox and Inbox/Drafts folders on the public 3GPP servers to allow delegates to upload their documents using a web browser (however Internet Explorer is not yet supported). Open your browser and navigate to your chosen folder – for example,

<https://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_112-e/Inbox>

Click the green button to log in using your EOL account. A panel will appear in the upper part of the screen and documents may be dragged and dropped onto this landing pad; this causes them to be uploaded to the folder.

*Secure FTP:*

Those e-delegates who prefer to use FTP-like access to our e-meeting Inbox & Draft folders but are concerned by their usernames and passwords being sent unencrypted over the internet, ETSI IT has fitted the server with FTPS (SSL) so delegates can connect from their favourite FTP client using the address: ftps.3gpp.org. Please enter your username and password when prompted.

**Organizational**

* Incoming LSs are noted by default. Contact companies should flag LSs that need to be replied from this meeting.
* Legacy topics will be treated by email only unless indicated explicitly. Please see the list of offline email discussions below.
* Rel-16 (draft) CRs and text proposals will be handled as part of the email discussion on the corresponding CR(s) or the ASN.1 review email discussion if associated with a RIL#.
* All organizational emails and notes will be shared over the following email discussion throughout both meeting weeks:
* [AT112-e][400][eMTC/NB-IoT] Organizational Emre’s session

Scope:

* Share plans for the e-meeting and make announcements
* Share status of email discussions
* Share meeting minutes and agreements for review and endorsement

Deadline: Friday, November 13th 11:00 UTC

Status: Started

**List and Status of Offline Email Discussions**

NOTE: The official kick off date for these email discussions are Monday August 17th at 7:00 UTC. The rapporteurs can share them on the reflector earlier, however companies are not required to participate before the official kick off date. The deadlines refer to the deadline for providing company comments unless stated otherwise.

**4 EUTRA corrections Rel-15 and earlier**

*See Appendix A for reference to Work items, work item codes and WIDs.*

*Only essential corrections. No documents should be submitted to 4. Please submit to 4.x*

**4.2 eMTC corrections Rel-15 and earlier**

*Documents in this agenda item will be handled in a break out session. Common NB-IoT/eMTC parts treated jointly with 4.1. No web conference is planned for this agenda item.*

*Including outcome of [Post111-e][922][NBIOT/eMTC R15] UP EDT for DRB using RLC AM (Huawei)*

[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

[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)

[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)

[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

[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

[R2-2009734](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009734.zip) Addition of cross-TTI MIB/SIB-BR decoding capability Huawei, HiSilicon CR Rel-15 36.306 15.9.0 1793 - F LTE\_eMTC4-Core

[R2-2009735](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009735.zip) Addition of cross-TTI MIB/SIB-BR decoding capability Huawei, HiSilicon CR Rel-16 36.306 16.2.0 1794 - A LTE\_eMTC4-Core

**7 Rel-16 EUTRA Work Items**

*Essential corrections*

**7.2 Additional MTC enhancements for LTE**

*(LTE\_eMTC5-Core; LTE\_eMTC5-Core; leading WG: RAN1; REL-16; started: Jun 18; Completed: June 20; WID: RP192875;)*

*Documents in this agenda item will be handled in a break out session.*

*Some sub-items in 7.2 and 7.3 may be treated jointly.*

*Limit: 5-6 email threads*

7.2.1 General and Stage-2 corrections

*Including incoming LSs*

[R2-2010497](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2010497.zip) Support for eDRX cyle beyond 10.24s in RRC\_INACTIVE LG Electronics UK CR Rel-16 36.300 16.3.0 1328 - C LTE\_eMTC5-Core

7.2.2 Coexistence with NR corrections

*Coexistence with NR for MTC and NB-IoT is treated jointly under this AI.*

7.2.3 Connection to 5GC corrections

*Connection to 5GC for MTC and NB-IoT is treated jointly under this AI.*

[R2-2009051](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009051.zip) Discussion for clarification on SIB acquisition for eMTC UE in RRC\_INACTIVE ZTE Corporation, Sanechips discussion Rel-16 LTE\_eMTC5-Core

[R2-2010461](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2010461.zip) Clarification on SIB acquisition for eMTC UE in RRC\_INACTIVE ZTE Corporation, Sanechips CR Rel-16 36.331 16.2.1 4512 - F LTE\_eMTC5-Core

[R2-2009738](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009738.zip) Correction to the DRX cycle on RRC\_INACTIVE for eMTC Huawei, HiSilicon CR Rel-16 36.331 16.2.1 4483 - F LTE\_eMTC5-Core

7.2.4 MTC UE capabilities corrections

[R2-2009447](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009447.zip) UE capability for RSS on the same 2 RBs of the MPDCCH narrowband Qualcomm Inc, Ericsson CR Rel-16 36.331 16.2.1 4464 - F LTE\_eMTC5-Core

[R2-2009448](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009448.zip) RSS and relaxed monitoring capabilities for eMTC Qualcomm Inc, Ericsson CR Rel-16 36.306 16.2.0 1792 - F LTE\_eMTC5-Core

[R2-2009736](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009736.zip) Addition of missing capabilities for eMTC R16 Huawei, HiSilicon CR Rel-16 36.306 16.2.0 1780 2 F LTE\_eMTC5-Core [R2-2008236](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_111-e/Docs/R2-2008236.zip)

[R2-2009737](http://ftp.3gpp.org/tsg_ran/WG2_RL2/TSGR2_112-e/Docs/R2-2009737.zip) Addition of missing capabilities for eMTC R16 Huawei, HiSilicon CR Rel-16 36.331 16.2.1 4482 - F LTE\_eMTC5-Core

7.2.5 Other MTC specific corrections

*Including corrections related to Mobile-terminated MT early data transmission EDT corrections, Scheduling multiple DL/UL transport blocks corrections, Quality report in Msg3, MPDCCH performance improvement using CRS, Improvements for non-BL UEs, Stand-alone deployment, Mobility enhancements and other MTC specific topics.*