**3GPP TSG-RAN WG2 Meeting #114-e R2-210xxxx**

**E-meeting, 19th – 27th May 2021**

**Title: LS on update for MCCH design**

**Response to:**

**Release: Release 17**

**Work Item: NR\_MBS-Core**

**Source: RAN2**

**To: RAN1**

**Contact person: Dawid Koziol**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:** **N/A**

1 Overall description

RAN2 discussed further the aspects related to MCCH design and made the following agreements during RAN2#114 meeting:

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| --- |
| * MBS specific SIB is defined to carry MCCH configuration.
* MCCH contents should include information about broadcast sessions such as G-RNTI, MBS session ID as well as scheduling information for MTCH (e.g. search space, DRX). L1 parameters that need to be included in MCCH are pending further RAN1 progress and input.
* Postpone the discussion on whether dedicated MCCH configuration is required until RAN1 makes progress on BWP/CFR for MCCH.
* Indication of an MCCH change due to modification of an ongoing session’s configuration (including session stop) is provided with an explicit notification from the network (provided that RAN1 confirms a separate bit for this purpose can be accommodated in the MCCH change notification DCI, in addition to a bit for session start notification). FFS on whether this notification can be reused for modification of other information carried by MCCH, if any.
* FFS whether the possibility of UE missing an MCCH change notification needs to be addressed or can be left to UE implementation.
* At least in case RAN1 decides to utilize RNTI other than MCCH-RNTI for MCCH change notification, MCCH change notification is sent in the first MCCH monitoring occasion of each MCCH repetition period.
* We support single MCCH (in this release)
* MCCH is mapped to the DL-SCH for NR MBS delivery mode 2.
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RAN2 would like RAN1 to take these agreements into account when discussing PHY layer aspects of MCCH design (in particular for RNTI and DCI design for carrying the MCCH change notifications), in addition to the agreements RAN2 informed earlier in R2-2104639.

2 Actions

**To RAN1 group:**

**ACTION:**

RAN2 respectfully asks RAN1 to take RAN2 agreements into account when discussing PHY layer aspects of MCCH.

3 Dates of next RAN2 meetings

TSG-RAN2 Meeting #115-e August 16 – August 27, 2021 Online

TSG-RAN2 Meeting #116-e November 01 – November 12, 2021 Online