**3GPP TSG-RAN WG1 Meeting #104-e *R1-210XXXX***

**E-meeting, January 25th – Feburary 5th, 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **[DRAFT]CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.212** | **CR** | **<CR#>** | **rev** | **-** | **Current version:** | **16.4.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Correction on Sidelink Broadcast channel | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Moderator (CATT), Huawei, HiSilicon, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | R1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core | | | | |  | ***Date:*** | | | 2021-02-01 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The content of PSBCH is provided by RRC signaling, and there is no necessary to keep it in RAN1’s specification on PSBCH payload generation.  TS 38.331 specifies as follows regarding delivery of *MasterInformationBlockSidelink*, thus the inheritance of the 80 ms BCH periodicity from section 7.1 needs to be disapplied for SL-BCH.  5.8.9.4.1              General  The sidelink common control information is carried by *MasterInformationBlockSidelink*. The sidelink common control information may change at any transmission, i.e. neither a modification period nor a change notification mechanism is used. | | | | | | | | |
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| ***Summary of change:*** | | Removing section 8.1.1;  Disapplay section 7.1.1 from the processing for SL-BCH. | | | | | | | | |
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| ***Consequences if not approved:*** | | Empty section of specification, and unclear specification of PSBCH content.  Physical layer assumes a periodical delivery of SL-BCH content, which is inconsistent with RRC. | | | | | | | | |
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| ***Clauses affected:*** | | 8.1 and 8.1.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**<Unchanged parts are omitted>**

## 8.1 Sidelink broadcast channel

The processing for SL-BCH transport channel follows the BCH according to clause 7.1, with the following changes:

- In Clause 7.1, ‘maximum of one transport block every 80ms’ is replaced with ‘maximum of one transport block’.

- Clause 7.1.1 for PBCH payload generation is not performed.

- Clause 7.1.2 for scrambling is not performed.

- In clause 7.1.5, the rate matching output sequence length E = 1386 when higher layer parameter *cyclicPrefix* is configured, otherwise, E = 1782.

## 8.2 Sidelink shared channel

**<Unchanged parts are omitted>**