**3GPP TSG-RAN WG1 Meeting # 103-eR1-200xxxx**

**e-Meeting, 26 October 2020 – 13 November 2020**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.213** | **CR** | **draft** | **rev** | **-** | **Current version:** | **16.3** |  |
|  | | | | | | | | |
| *For* [***HELP***](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:*** | Introduction of the preparation time for SL retransmissions in Mode 1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | RAN WG1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core | | | | |  | ***Date:*** | | | 2020-10-16 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | Introduction of new agreements made in RAN1 | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add a name for the preparation time, so that it can be easily referenced from TS 38.214 to introduce new agreements related to the time between PSFCH and PSSCH retransmission for a TB | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Mode 1 operation may not work. The UE may be scheduled to transmit with insufficient time to prepare the PSCCH/PSSCH.  Preparation time cannot be easily referenced from TS 38.214. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 16.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 omitted>**

## 16.5 UE procedure for reporting HARQ-ACK on uplink

**<Unchanged parts omitted>**

A UE does not expect to be provided PUCCH resources or PUSCH resources to report HARQ-ACK information that start earlier than after the end of a last symbol of a last PSFCH reception occasion, from a number of PSFCH reception occasions that the UE generates HARQ-ACK information to report in a PUCCH or PUSCH transmission, where

- and are defined in [4, TS 38.211]

- , where is the SCS configuration of the SL BWP and is the SCS configuration of the active UL BWP on the primary cell

- is determined from according to Table 16.5-1

Table 16.5-1: Values of

|  |  |
| --- | --- |
|  |  |
| 0 | 14 |
| 1 | 18 |
| 2 | 28 |
| 3 | 32 |

**<Unchanged parts omitted>**