**3GPP TSG- Meeting #**

**e-Meeting, -**

|  |
| --- |
| *CR-Form-v12.1* |
| **DRAFT CHANGE REQUEST** |
|  |
|  |  | **CR** |   | **rev** |  | **Current version:** |  |  |
|  |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network | **x** | Core Network |  |

|  |
| --- |
|  |
| ***Title:***  | Corrections on mapping between the *Time domain resource allocation* field value of the RAR UL grant and a row index of an allocated table |
|  |  |
| ***Source to WG:*** | Moderator (Sharp), Qualcomm Incorporated, CATT |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** |  |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***Release:*** |  |
|  | *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 canbe 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:*** | Association between the *PUSCH time resource allocation* field value of RAR UL grant or of fallbackRAR UL grant and a row index of an allocated table is missing in the current specification. |
|  |  |
| ***Summary of change:*** | Association between the *PUSCH time resource allocation* field value of RAR UL grant or of fallbackRAR UL grant and a row index of an allocated table is clarified in clause 6.1.2.1 of TS 38.214. |
|  |  |
| ***Consequences if not approved:*** | The UE/gNB behaviour is not clear on how to map the *PUSCH time resource allocation* field value of the RAR UL grant or of the fallbackRAR UL grant to a row index of an allocated TDRA table as there is no corresponding clarification in current specifications. |
|  |  |
| ***Clauses affected:*** | 6.1.2.1 |
|  |  |
|  | **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:*** | **Isolated impact analysis**:The corrections are based on RAN1 common understanding. It is expected that the UE and gNB have been implemented in accordance to this CR. |
|  |  |
| ***This CR's revision history:*** |  |

6.1.2.1 Resource allocation in time domain

When the UE is scheduled to transmit a transport block and no CSI report by a DCI or by a RAR UL grant or fallbackRAR UL grant, or the UE is scheduled to transmit a transport block and a CSI report(s) on PUSCH by a DCI, the '*Time domain resource assignment'* field value *m* of the DCI or the *PUSCH time resource allocation* field value *m* of the RAR UL grant or of the fallbackRAR UL grant provides a row index *m* + 1to an allocated table. The determination of the used resource allocation table is defined in Clause 6.1.2.1.1. The indexed row defines the slot offset *K2*, the start and length indicator *SLIV*, or directly the start symbol *S* and the allocation length *L*, the PUSCH mapping type, and the number of repetitions (if *numberOfRepetitions* is present in the resource allocation table) to be applied in the PUSCH transmission.

**< Unchanged parts are omitted >**