**3GPP TSG-RAN WG1 Meeting #107-e *R1-21xxxxx***

**e-Meeting, November 11th - 19th**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.213** | **CR** |  | **rev** |  | **Current version:** | **16.7.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Clarification on UCI and SL HARQ-ACK | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Moderator(vivo) | | | | | | | | | |
| ***Source to TSG:*** | R1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5G\_V2X\_NRSL-Core | | | | |  | ***Date:*** | | | 2021-11-17 |
|  |  | | | |  | |  | | |  |
| ***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:*** | | Clause 9.2.5.0 of 38.213 is to handle the prioritization between PUCCH with SL HARQ-ACK and PUCCH with DL HARQ-ACK or SR or CSI. The current wording leads to a misunderstanding that the rule is also applied for prioritization between two PUCCH with SL HARQ-ACK. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Correct ‘UCI’ to 'DL HARQ-ACK or SR or CSI’ | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The spec can lead to a misunderstanding on prioritization between PUCCH with SL HARQ-ACK and PUCCH with DL HARQ-ACK or SR or CSI. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | Clause 9.2.5.0 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:**  This CR aligns with RAN1 common understanding. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

#### 9.2.5.0 UE procedure for prioritization between SL HARQ-ACK information in a PUCCH and DL HARQ-ACK or SR or CSI in a PUCCH

The priority value of a PUCCH transmission is as described in clause 16.2.4.3.1.

For prioritization between SL HARQ-ACK information in a first PUCCH and DL HARQ-ACK or SR or CSI in a second PUCCH

- if the second PUCCH has priority index 1,

- if *sl-PriorityThreshold-UL-URLLC* is provided

- the UE transmits the first PUCCH if a smallest priority value of the first PUCCH is smaller than *sl-PriorityThreshold-UL-URLLC*; otherwise, the UE transmits the second PUCCH

- else

- the UE transmits the second PUCCH

- else

- the UE transmits the first PUCCH if the smallest priority value of the first PUCCH is smaller than *sl-PriorityThreshold*;otherwise, the UE transmits the second PUCCH