**3GPP TSG-RAN WG1 Meeting #**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  |  | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** |  | | | | | | | | | |
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| ***Source to WG:*** | vivo | | | | | | | | | |
| ***Source to TSG:*** | R1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***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 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:*** | | SL HARQ-ACK is one type of UCI, and all procedures defined for DL HARQ-ACK can be applied to SL HARQ-ACK, unless explicitly stated otherwise (i.e, no multiplexing between SL HAQ-ACK and DL HARQ-ACK/SR/CSI, no priority index for PUCCH with SL HARQ-ACK). However, there are several places where SL HARQ-ACK and UCI are treated separately in clause 9 and clause 9.2.5.0 of 38.213. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Correct ‘UCI’ to 'UCI other than SL HARQ-ACK reports' and ‘UCI other than SL HARQ-ACK information’ | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The spec can lead to a misunderstanding that UCI does not include SL HARQ-ACK, and misunderstanding on prioritization between SL HARQ-ACK PUCCH and PUCCH with DL HARQ-ACK or SR or CSI. | | | | | | | | |
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| ***Clauses affected:*** | | Clause 9, 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, no isolated impact. | | | | | | | | |
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| ***This CR's revision history:*** | |  | | | | | | | | |

# 9 UE procedure for reporting control information

===omitted===

When a UE determines overlapping for PUCCH transmissions with SL HARQ-ACK reports and PUSCH of smaller priority index, including repetitions if any, after resolving the overlapping PUCCH other than PUCCH transmissions with SL HARQ-ACK reports and/or PUSCH transmissions, if the PUSCH includes no UCI other than SL HARQ-ACK reports, the UE resolves the overlapping for PUCCH transmissions with SL HARQ-ACK reports and PUSCH of smaller priority index as described in clauses 9.2.5 and 9.2.6.

===omitted===

#### 9.2.5.0 UE procedure for prioritization between SL HARQ-ACK information in a PUCCH and UCI other than SL HARQ-ACK information 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 UCI other than SL HARQ-ACK information 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