**3GPP TSG RAN WG1 #100bis R1-200xxxx**

**e-Meeting, April 20th – 30th, 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **36.213** | **CR** | **1316** | **rev** | **1** | **Current version:** | **14.14.0** |  |
|  |
| *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:***  | Clarification on set of values for HARQ delay |
|  |  |
| ***Source to WG:*** | Qualcomm Incorporated |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | LTE\_feMTC-Core |  | ***Date:*** | 2020-04-09 |
|  |  |  |  |  |
| ***Category:*** | F |  | ***Release:*** | Rel-14 |
|  | *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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
|  |  |
| ***Reason for change:*** | In CR R1-1809653, the following is listed in “summary of change”:*Clarify that the UE shall use ‘range2’ when ce-SchedulingEnhancement is not configured.*The implementation of that CR, however, is ambiguous, since the condition in the header of Table 7.3.1-2 is true for both columns in the following case: the UE is configured with ‘*range1’* and *’ce-HARQ-AckBundling’*. |
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| ***Summary of change:*** | Clarify that, as per previous RAN1 agreements, the UE shall use ‘range2’ when HARQ-ACK bundling is configured. |
|  |  |
| ***Consequences if not approved:*** | Specification is ambiguous |
|  |  |
| ***Clauses affected:*** | 7.3.1 |
|  |  |
|  | **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:*** |  |

### 7.3.1 FDD HARQ-ACK reporting procedure

**<Unchanged parts are omitted>**

Table 7.3.1-2: HARQ-ACK delay for BL/CE UE in CEModeA

|  |  |  |
| --- | --- | --- |
| 'HARQ-ACK delay' field in DCI | HARQ-ACK delay value when *'ce-SchedulingEnhancement'* set to *'range1'* and *’ce-HARQ-AckBundling’* is not set | HARQ-ACK delay value when *'ce-SchedulingEnhancement'* set to *'range2'* or *’ce-HARQ-AckBundling’* is set |
| 000 | 4 | 4 |
| 001 | 5 | 5 |
| 010 | 7 | 6 |
| 011 | 9 | 7 |
| 100 | 11 | 8 |
| 101 | 13 | 9 |
| 110 | 15 | 10 |
| 111 | 17 | 11 |

**<Unchanged parts are omitted>**