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| **3GPP TSG RAN WG1 Meeting #102-e R1-200xxxx**  **e-Meeting, 17th – 28th August, 2020**   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | *CR-Form-v12.0* | | | | | | | | | | **CHANGE REQUEST** | | | | | | | | | |  | | | | | | | | | |  | **38.212** | **CR** | **DRAFT** | **rev** | **-** | **Current version:** | **16.2.0** |  | |  | | | | | | | | | | *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:*** | Draft CR (Rel-16, F) on align RRC parameter *ps-RNTI* | | | | | | | | | | |  |  | | | | | | | | | | | ***Source to WG:*** | CATT, NEC | | | | | | | | | | | ***Source to TSG:*** | RAN WG1 | | | | | | | | | | |  |  | | | | | | | | | | | ***Work item code:*** | **NR\_UE\_pow\_sav\_CORE** | | | | |  | | ***Date:*** | | 2020-08-26 | |  |  | | | |  | | |  | |  | | ***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-12 (Release 12) Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | | |  |  | | | | | | | | | | | ***Reason for change:*** | | The higher layer parameter *ps-RNTI* doe not capture correctly in DCI format 2\_6. This will lead to correct connection of RAN1 specification and higher layer configured parameter | | | | | | | | | | ***-*** | |  | | | | | | | | | | ***Summary of change:*** | | Change *PS-RNTI* to *ps-RNTI* | | | | | | | | | |  | |  | | | | | | | | | | ***Consequences if not approved:*** | | This CR is to link the RRC parameter in RAN1 specification to higher layer parameter. If it is not approved, it will miss the connection of RRC parameter for the operation procedure in RAN1 specification | | | | | | | | | |  | |  | | | | | | | | | | ***Clauses affected:*** | | 7.3.1.3.7 | | | | | | | | | |  | |  | | | | | | | | | |  | | **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 is a correction of higher layer parameter *ps-RNTI* in RAN1 specification.It does not have any impact to other area. | | | | | | | | | |  | |  | | | | | | | | | | ***This CR's revision history:*** | | This is the first version for this CR. | | | | | | | | | |

7.3.1.3.7 Format 2\_6

DCI format 2\_6 is used for notifying the power saving information outside DRX Active Time for one or more UEs.

The following information is transmitted by means of the DCI format 2\_6 with CRC scrambled by PS-RNTI:

- block number 1, block number 2,…, block number *N*

where the starting position of a block is determined by the parameter *ps-PositionDCI-2-6* provided by higher layers for the UE configured with the block.

If the UE is configured with higher layer parameter *ps-RNTI* and *dci-Format2-6*, one block is configured for the UE by higher layers, with the following fields defined for the block:

- Wake-up indication - 1 bit

- SCell dormancy indication – 0 bit if higher layer parameter *Scell-groups-for-dormancy-outside-active-time* is not configured; otherwise 1, 2, 3, 4 or 5 bits bitmap determined according to higher layer parameter *Scell-groups-for-dormancy-outside-active-time,* where each bit corresponds to one of the SCell group(s) configured by higher layers parameter *Scell-groups-for-dormancy-outside-active-time,* with MSB to LSB of the bitmap corresponding to the first to last configured SCell group.

The size of DCI format 2\_6 is indicated by the higher layer parameter *sizeDCI-2-6*, according to Clause 10.3 of [5, TS 38.213].