**3GPP TSG-SA5 Meeting #133-e *S5-205096***

**Online, , 12th Oct 2020 - 21st Oct 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **28.313** | **CR** | **0002** | **rev** | **-** | **Current version:** | **16.0.0** |  |
|  |
| *For* [***HELP***](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 |  | Radio Access Network | **x** | Core Network |  |

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| ***Title:***  | R16 CR TS 28.313 corrections on notification information of PCI configuration |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | SON\_5G |  | ***Date:*** | 2020-10-01 |
|  |  |  |  |  |
| ***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 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)* |
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| ***Reason for change:*** | The notification information of PCI conflict and PCI confusion defined in the TS 28.313 are similar. As follows:* PCI collision notification: The collision notification is used to indicate two neighbouring cells of a serving cell are using the same PCIs.
* PCI confusion notification: The confusion notification is used to indicate that a serving cell has 2 neighbouring cells that are using the same PCI value.

Both of the two notifications are indicate that two neighboring cells of the serving cell use the same PCI. According to the PCI conflict definition in TR 28.861, the PCI collision means that the two neighboring cells have the same PCIs. Therefore, it is propose to update the description of PCI collision notification. |
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| ***Summary of change:*** | Update the discription of PCI collision notification. |
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| ***Consequences if not approved:*** | The PCI configuration notification information would not be clear. |
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| ***Clauses affected:*** | 7.2.1.3.1 |
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|  | **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:*** |  |

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| **1st modified section** |

#### 7.2.1.3 MnS Component Type C definition

##### 7.2.1.3.1 Notifications information

The table below lists the notifications related to D-SON PCI configuration.

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| --- | --- | --- |
| Notification information | Description | Note |
| PCI collision notification | The collision notification is used to indicate two neighbouring cells are using the same PCIs. |  |
| PCI Confusion notification | The confusion notification is used to indicate that a serving cell has 2 neighbouring cells that are using the same PCI value. |  |

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| **End of modified section** |