**3GPP TSG-RAN4 Meeting #98-e *R4-210xxxx***

**Electronic Meeting, Jan 25 – February 5, 2021**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **36.133** | **CR** | **7058** | **rev** | **1** | **Current version:** | **15.12.0** |  |
|  |
| *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 |  | Core Network |  |

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| ***Title:***  | CR to remove intra-frequency ECID requirements for NE-DC 36133 R15 |
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| ***Source to WG:*** | Huawei, HiSilicon |
| ***Source to TSG:*** | R4 |
|  |  |
| ***Work item code:*** | NR\_newRAT-Core |  | ***Date:*** | 2020-12-30 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-15 |
|  | *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-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** | In current 36.133 measurement requirements are defined for Intra-frequency E-CID when UE is under NE-DC. However, in NE-DC NGC is connected to NR MN, and there is no LPP or NRPPa between NGC and LTE SN. In addition, in clause 5.5.3 of 36.331 it is specified that LTE UE Rx-Tx time difference measurement is only measured for PCell. Therefore, the Intra-frequency E-CID measurement requirements for NE-DC should be removed from 36.133, but the ECID RSRP and ECID RSRQ measurement on LTE PSCell should be defined as inter-RAT measurement in 38.133. |
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| ***Summary of change:*** | Remove the Intra-frequency E-CID measurement requirements for NE-DC. |
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| ***Consequences if not approved:*** | RAN4 requirements are inconsistent with RAN2 procedure. |
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| ***Clauses affected:*** | 8.19.5 |
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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:*** |  |

<Start of Change 1>

### 8.19.5 Intra-frequency E-CID Measurements

The requirements in this clause shall apply provided the UE has received ECID-RequestLocationInformation message from LMF via LPP requesting the UE to report E-CID UE Rx-Tx Time Difference Measurements and/or E-CID E-UTRAN intra-frequency RSRP and RSRQ measurements [59].

PSCC intra-frequency E-CID measurements shall meet E-UTRAN E-CID intra-frequency measurements requirements in clause 8.1.2.7. If SCG DRX is in use, then the PCell intra-frequency requirements for when DRX is in use in clause 8.1.2.7 shall apply and shall depend on the SCG DRX cycle. Otherwise, the requirements for when DRX is not in use shall apply. The applicable measurement accuracy requirements are in clause 9.1.

SCC intra-frequency E-CID measurements shall meet all applicable requirements in clause 8.3.3. If SCG DRX is in use, then the PCell intra-frequency requirements for when DRX is in use in clause 8.1.2.2 shall apply and shall depend on the SCG DRX cycle. Otherwise, the requirements for when DRX is not in use shall apply. The applicable measurement accuracy requirements are in clause 9.1.

<End of Change 1>