**3GPP TSG-RAN WG2 Meeting #109-eR2-2001867**

**Online, 24th February – 6th March 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **36.306** | **CR** | **1734** | **rev** | **1** | **Current version:** | **15.7.0** |  |
|  |
| *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:***  | Correction to support of UP-EDT, CP-EDT, in eMTC TDD |
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| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | R2 |
|  |  |
| ***Work item code:*** | LTE\_eMTC4-Core |  | ***Date:*** | 2019-02-14 |
|  |  |  |  |  |
| ***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-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:*** | UP-EDT and CP-EDT capabilities are applicable only to FDD mode in NB-IoT, but are applicable to both FDD and TDD in eMTC. However, the current wording limits eMTC to FDD only. |
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| ***Summary of change:*** | Update the shared capabilities so that the FDD restriction applies only to NB-IoT. **Impact analysis**Impacted functionality:Support of UP-EDT and CP-EDT, in eMTC TDD.Inter-operability: No interoperability issue as the feature would never be used if not supported by UE or NW. |
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| ***Consequences if not approved:*** | Some of the capabilities are unnecessarily restricted to FDD only for eMTC and therefore are not supported for TDD. |
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| ***Clauses affected:*** | 4.3.8.7, 6.8.4 |
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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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| FIRST CHANGE |

#### 4.3.8.7 *earlyData-UP-r15*

 This field defines whether the UE supports EDT for User Plane CIoT EPS optimizations, as defined in TS 24.301 [28]. This feature is only applicable if the UE supports *ce-ModeA-r13,* or for FDD if the UE supports any *ue-Category-NB*.

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| NEXT CHANGE |

### 6.8.4 EDT for Control Plane CIoT EPS Optimization

It is optional for UE to support EDT for Control Plane CIoT EPS optimizations, as defined in TS 24.301 [28]. This feature is only applicable if the UE supports *ce-ModeA-r13,* or for FDD if the UE supports any *ue-Category-NB*.