**3GPP TSG-RAN WG3 #108-e R3-20xxxx**

**1-11 June 2020**

**Online**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.410** | **CR** | **0024** | **rev** | **2** | **Current version:** | **16.1.0** |  |
|  | | | | | | | | |
| *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 |  | Radio Access Network | **X** | Core Network |  |

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| ***Title:*** | Baseline CR for introducing Rel-16 NR mobility enhancement | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CATT, CMCC | | | | | | | | | |
| ***Source to TSG:*** | RAN3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_Mob\_enh-Core | | | | |  | | ***Date:*** | | 2020-06-15 |
|  |  | | | |  | | |  | |  |
| ***Category:*** | **B** |  | | | | | | ***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)* | |
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| ***Reason for change:*** | | In order to enable enhacements to the handover procedure, changes are needed to the NGAP protocol. This is the baseline CR covering all the agreed modification. | | | | | | | | |
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| ***Summary of change:*** | | Following functions were added and modified:   * A new procedure was added to enable indicating handover success; * Two new procedure were added for COUNT transfer for early data forwarding.   **Impact Analysis:**  Impact assessment towards the previous version of the specification (same release): | | | | | | | | |
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| ***Consequences if not approved:*** | | Rel-16 NR mobility enhancement is not implemented. | | | | | | | | |
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| ***Clauses affected:*** | |  | | | | | | | | |
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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:*** | |  | | | | | | | | |

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| ***This CR's revision history:*** | Rev 1: Submitted to RAN3#108-e  Rev 2: Submitted to after RAN3#108-e  -Correct the CR No. in cover page. It should be 4 digits (0024)  -Add two missed procedures |

////////////////////////////////////////////////////////////// Start of Change /////////////////////////////////////////////////////////////////////

6.4 UE Mobility Management Procedures

The following list of UE Mobility management procedures are used to prepare, execute or cancel handovers.

- Handover Preparation;

- Handover Resource Allocation;

- Handover Notification;

- Path Switch Request;

- Uplink RAN Status Transfer;

- Downlink RAN Status Transfer;

- Handover Cancellation;

- Handover Success

- Uplink RAN Early Status Transfer,

- Downlink RAN Early Status Transfer.