**3GPP TSG-RAN WG3 Meeting #123 *R3-240950***

**Athens, Greece, 26th February– 1st March, 2024**

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| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
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|  | **38.413** | **CR** | **1054** | **rev** | **1** | **Current version:** | **18.0.0** |  |
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| *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 | **X** |

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| ***Title:***  | Correction for QoE measurement activation |
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| ***Source to WG:*** | NEC |
| ***Source to TSG:*** | R3 |
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| ***Work item code:*** | NR\_QoE-Core |  | ***Date:*** | 2024-02-26 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***Release:*** | Rel-18 |
|  | *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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
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| ***Reason for change:*** | In R17, RAN3 agrees to include *QMC Configuration Information* IE in the following messages over NGAP:- INITIAL CONTEXT SETUP REQUEST- UE CONTEXT MODIFICATION REQUEST- HANDOVER REQUEST- HANDOVER REQUIREDThe *QMC Configuration Information* IE is included in INITIAL CONTEXT SETUP REQUEST message and UE CONTEXT MODIFICATION REQUEST message, and the RAN behaviours are also described that “If the *QMC Configuration Information* IE is included in the INITIAL CONTEXT SETUP REQUEST/UE CONTEXT MODIFICATION REQUEST message, the NG-RAN node shall, if supported, use it for QoE management, as described in TS 38.300”For R18, for HANDOVER REQUEST message and HANDOVER REQUIRED message, the *QMC Configuration Information* IE is included in Source NG-RAN Node to Target NG-RAN Node Transparent Container. However, there is no NG-RAN behaviour description related to *QMC Configuration Information* IE in HANDOVER REQUEST message and HANDOVER REQUIRED message.Impact Analysis:Impact assessment towards the previous version of the specification (same release): This CR has no impact with the previous version of the specification (same release) as it only adds corresponding procedure text for the *QMC Configuration Information* IE in HANDOVER REQUEST message and HANDOVER REQUIRED message that is optional presence. |
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| ***Summary of change:*** | Add the RAN behaviour descriptions if *QMC Configuration Information* IE is included in Source NG-RAN Node to Target NG-RAN Node Transparent Container in HANDOVER REQUEST message and HANDOVER REQUIRED message. |
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| ***Consequences if not approved:*** | No RAN behaviour descriptions if *QMC Configuration Information* IE is included in Source NG-RAN Node to Target NG-RAN Node Transparent Container in HANDOVER REQUEST message and HANDOVER REQUIRED message. |
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| ***Clauses affected:*** | 8.4.2.2 |
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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 ...  |
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| ***Other comments:*** |  |
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| ***This CR's revision history:*** | Rev 0: R3-240127Rev 1: The added text description in Handover Required message is removed. |

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| *Start of change part* |

### 8.4.2 Handover Resource Allocation

#### 8.4.2.1 General

The purpose of the Handover Resource Allocation procedure is to reserve resources at the target NG-RAN node for the handover of a UE. The procedure uses UE-associated signalling.

#### 8.4.2.2 Successful Operation



Figure 8.4.2.2-1: Handover resource allocation: successful operation

The AMF initiates the procedure by sending the HANDOVER REQUEST message to the target NG-RAN node.

**>>>>>>>>>>>>>>>>>>>Unchanged parts are skipped<<<<<<<<<<<<<<<<<<<**

If the HANDOVER REQUEST message contains within the *Source NG-RAN Node to Target NG-RAN Node Transparent Container* IE the *Time Based Handover Information* IE, the target NG-RAN node may use this information to allocate necessary resources for the incoming handover.

If the *Candidate Relay UE* *Information List* IE is included in the *Source NG-RAN Node to Target NG-RAN Node Transparent Container* IE within the HANDOVER REQUEST message, the target NG-RAN node shall, if supported, use it to configure the path switch to indirect path as specified in TS 38.300 [8].

Upon reception of the *QMC Configuration Information* IE, which is included within the *Source to Target Transparent Container* IE of the HANDOVER REQUEST message, the target NG-RAN node shall, if supported, use it for QoE management, as described in TS 38.300[8].

**>>>>>>>>>>>>>>>>>>>Unchanged parts are skipped<<<<<<<<<<<<<<<<<<<**

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| *End of change part* |