**3GPP TSG-RAN WG3 Meeting #123 *R3-240939***

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

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **38.413** | **CR** | **1053** | **rev** | **1** | **Current version:** | **17.7.0** |  |
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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 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_QoE-Core | | | | |  | ***Date:*** | | | 2024-02-26 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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-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 REQUIRED  The *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 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 ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | Rev 0: R3-240126  Rev 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* |