**3GPP TSG-RAN3 #115-e R3-221694**

**21st Feb – 3rd Mar 2022**

**Online**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **36.413** | **CR** | **1864** | **rev** |  | **Current version:** | **16.8.0** |  |
|  | | | | | | | | |
| *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 | **X** |

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| ***Title:*** | Inclusive language review for TS 36.413 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | R3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | | 2022-02-02 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **D** |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Inclusive language review. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | * Change “blackCellsToAddModList” to “excludedCellsToAddModList * Change “black list of cells” to “list of exclude-listed cells” | | | | | | | | |
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| ***Consequences if not approved:*** | | TS 36.413 would not be compliant with the TSG RAN guidance for inclusive language. | | | | | | | | |
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| ***Clauses affected:*** | | 9.2.1.151, 9.3.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 >>>>>>**

#### 9.2.1.151 Inter System Measurement Configuration

The *Inter-System Measurement Configuration* IE contains information for instructing the incoming UE to continue measuring the cells of the NR RAT after a successful inter-system handover to LTE network.

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| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| RSRP | O |  | INTEGER (0.. 127) | Threshold of RSRP. | - | - |
| RSRQ | O |  | INTEGER (0.. 127) | Threshold of RSRQ. | - | - |
| SINR | O |  | INTEGER  (0..127) | Threshold of SINR | - | - |
| **Inter-System Measurement Parameters** | M |  |  |  | - | - |
| >Measurement Duration | M |  | INTEGER  (1..100) | The period of time following the successful IRAT handover, during which the target RAT instructs the UE to measure cells of the source RAT. Unit: [second]. | - | - |
| **>Inter-System Measurement List** |  | *0..1* |  |  | EACH | reject |
| **>>Inter-System Measurement Item** |  | *1.. <maxnooffrequencies>* |  | List of inter-system measurements configured | YES | reject |
| >>>FreqBandIndicatorNR | M |  | INTEGER (1..1024) | The frequency band in which the *ssbFrequency* is located and according to which the UE shall perform the RRC measurements. |  |  |
| >>>SSB frequencies | M |  | INTEGER (0..maxNARFCN) | Designates the specific SSB frequencies i.e., ARFCN-ValueNR which the target RAT may instruct the UE to measure. | - | - |
| >>>SubcarrierSpacingSSB | M |  | ENUMERATED (kHz15, kHz30, kHz60, kHz120, kHz240, ...) | Subcarrier spacing of SSB according to TS 36.331 [16]. |  |  |
| >>>maxRS-IndexCellQual | O |  | INTEGER (1..maxRS-IndexCellQual) | Indicates the maximum number of RS indices to be considered/ averaged to derive the cell quality for RRM.Also defined in TS 36.331 [16] |  |  |
| >>>SMTC | O |  | OCTET STRING | Contains the MTC-SSB-NR-15 as defined in TS 36.331 [16]. |  |  |
| >>>threshRS-Index-r15 | O |  | OCTET STRING | threshRS-Index-r15as defined in TS 36.331 [16]，List of thresholds for consolidation of L1 measurements per RS index |  |  |
| >>>SSB-ToMeasure | O |  | OCTET STRING | Contains the IE SSB-ToMeasure as defined in TS 36.331 [16]. |  |  |
| >>>SS-RSSI-Measurements | O |  | OCTET STRING | Contains the IE SS-RSSI-Measurement as defined in TS 36.331 [16]. |  |  |
| >>>quantityConfigNR-R15 | O |  | OCTET STRING | Indicates the quantityConfigNR-R15 as defined in TS 36.331 [16]. |  |  |
| >>>excludedCellsToAddModList | O |  | OCTET STRING | List of cells to add/modify in the list of exclude-listed cells. It applies only to SSB resources. As defined in TS 36.331 [16]. |  |  |

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| --- | --- |
| Range bound | Explanation |
| maxnooffrequencies | Maximum no. of frequencies. Value is 64. |
| maxNARFCN | Maximum value of NR carrier frequency, defined in TS 38.331 [50]. Value is 3279165 |
| maxRS-IndexCellQual | Maximum number of RS indices averaged to derive cell quality for RRM, defined in TS 36.331 [16]. Value is 16 |

**<<<<<< NEXT CHANGE >>>>>>**

### 9.3.4 Information Element Definitions

<Unaffected part is omitted>

InterSystemMeasurementItem ::= SEQUENCE {

freqBandIndicatorNR INTEGER (1..1024),

sSBfrequencies INTEGER (0..maxNARFCN),

subcarrierSpacingSSB ENUMERATED {kHz15, kHz30, kHz60, kHz120, kHz240, ...},

maxRSIndexCellQual INTEGER (1..maxRS-IndexCellQual) OPTIONAL,

sMTC OCTET STRING OPTIONAL,

threshRS-Index-r15 OCTET STRING OPTIONAL,

sSBToMeasure OCTET STRING OPTIONAL,

sSRSSIMeasurement OCTET STRING OPTIONAL,

quantityConfigNR-R15 OCTET STRING OPTIONAL,

excludedCellsToAddModList OCTET STRING OPTIONAL,

iE-Extensions ProtocolExtensionContainer { { InterSystemMeasurementItem-ExtIEs} } OPTIONAL

}

**<<<<<< END OF CHANGE >>>>>>**