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

**21st Feb – 3rd Mar 2022**

**Online**

|  |
| --- |
| *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)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

|  |
| --- |
|  |
| ***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 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-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”
 |
|  |  |
| ***Consequences if not approved:*** | TS 36.413 would not be compliant with the TSG RAN guidance for inclusive language. |
|  |  |
| ***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.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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]. |  |  |

|  |  |
| --- | --- |
| 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 >>>>>>**