**3GPP TSG-RAN WG3 Meeting #107bis-e *R3-202596***

**E-meeting, 20 – 30 April, 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **36.413** | **CR** | **1769** | **rev** | **1** | **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 | **X** |

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| ***Title:*** | Corrected handling of Selected TAI for TNL discovery for EN-DC | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | R3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_newRAT-Core | | | | |  | ***Date:*** | | | 2020-04-20 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **A** |  | | | | | ***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:*** | | Discrepancy between tabular and ASN.1 for presence of Target en-gNB Selected TAI in ENB CONFIGURATION TRANSFER message. | | | | | | | | |
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| ***Summary of change:*** | | Align tabular on ASN.1, describe use of default value.  Impact Analysis:  Impact assessment towards the previous version of the specification (same release):  This CR has isolated impact with the previous version of the specification (same release) because the changes are backwards compatible.  This CR has an impact under functional point of view.  The impact can be considered isolated because the change affects only EN-DC TNL address discovery function. | | | | | | | | |
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| ***Consequences if not approved:*** | | Contradicting specification. TNL discovery for EN-DC will not work in some scenarios. | | | | | | | | |
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| ***Clauses affected:*** | | 9.2.3.26a | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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. 1: Clarification of the TAI to be included. | | | | | | | | |

#### 9.2.3.26a EN-DC SON Configuration Transfer

This IE contains the configuration information, used by SON functionality for EN-DC for communication between a destination (target) en-gNB and a source eNB.

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| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| **EN-DC SON Configuration Transfer** |  |  |  |  |
| >CHOICE *Transfer Type* | M |  |  |  |
| >>*Request* |  |  |  | NOTE: Used if the *SON Information* IE indicates a request. |
| **>>>Source eNB-ID** |  | *1* |  |  |
| >>>>Global eNB ID | M |  | 9.2.1.37 |  |
| >>>>Selected TAI | M |  | TAI  9.2.3.16 |  |
| **>>>Target en-gNB-ID** |  | *1* |  |  |
| >>>>Global en-gNB ID | M |  | 9.2.1.37a |  |
| >>>>Selected TAI | M |  | TAI  9.2.3.16 | This IE is ignored by the MME if any of the following IEs are present in the EN-DC SON Configuration Transfer message: Target eNB Selected TAI, Associated TAI, Broadcast 5GS TAI.  NOTE: The Selected TAI is a 4G TAI and should, if available, correspond to the TAI configured at the en-gNB, however, this TAI is not broadcast by the respective NR cell and may not always be available from UE reporting TAIs of overlapping E-UTRA cells.  If the Selected TAI for the Target en-gNB is not available in the eNB, this IE shall include the Selected TAI for the Source eNB. |
| **>>>Target eNB-ID** |  | *0..1* |  |  |
| >>>>Global eNB ID | M |  | 9.2.1.37 |  |
| >>>>Selected TAI | M |  | TAI  9.2.3.16 |  |
| >>>Associated TAI | O |  | TAI  9.2.3.16 | A 4G TAI associated with the target en-gNB as specified in TS 36.300 [15]. |
| >>>Broadcast 5GS TAI | O |  | 5GS TAI  9.3.2.52 | A Broadcast 5GS TAI of the en-gNB as specified in TS 36.300 [15]. |
| >>*Reply* |  |  |  | NOTE: Used if the *SON Information* IE indicates a reply. |
| **>>>Source en-gNB-ID** |  | *1* |  |  |
| >>>>Global en-gNB ID | M |  | 9.2.1.37a |  |
| >>>>Selected TAI | M |  | TAI  9.2.3.16 | NOTE: The Selected TAI contains a configured TAC of the en-gNB. |
| **>>>Target eNB-ID** |  | *1* |  |  |
| >>>>Global eNB ID | M |  | 9.2.1.37 |  |
| >>>>Selected TAI | M |  | TAI  9.2.3.16 |  |
| >SON Information | M |  | 9.2.3.27 |  |
| >X2 TNL Configuration Info | C-ifSONInformationRequest |  | 9.2.3.29 | Source eNB X2 TNL Configuration Info. |

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| Condition | Explanation |
| ifSONInformationRequest | This IE shall be present if the *SON Information* IE contains the *SON Information Request* IE set to “X2 TNL Configuration Info” |