**3GPP TSG-CT WG3 Meeting #127eC3-231290**

**E-meeting, 17th – 21st, April, 2023 (revision of C3-231xxx)**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.214** | **CR** | 1683 | **rev** | **-** | **Current version:** | **18.0.0** |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Handling of 3GPP User Location | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI18, 5GS\_Ph1-CT | | | | |  | ***Date:*** | | | 2023-03-15 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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 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)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | As defined in clause 5.2.3.4 of TS 29.502, the TAI and NCGI for NR user location or the TAI and ECGI for E-UTRA user location is included in the UserLocation data type. But it is not clear how to perform the mapping over the Rx interface | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | If the NetLoc is supported, the procedure described in clauses 4.4.4 and 4.4.6.7 shall apply with the exceptions specified in clause E.1 and with the exception of the user location information that is encoded as follows:  a) The TAI and NCGI received over the N7 reference point in the "tai" attribute and "ncgi" attribute of the "nrLocation" attribute respectively, if available, are encoded in the 3GPP-User-Location AVP; or  b) The TAI and ECGI received over the N7 reference point in the "tai" attribute and "ecgi" attribute of the "eutraLocation" attribute respectively, if available, are encoded in the 3GPP-User-Location AVP. | | | | | | | | |
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| ***Consequences if not approved:*** | | It is not defined what kind of location can be sent to the AF | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | E.12 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

# E.12 3GPP Access Network Information

The PCF provides the AF with the access network information as described in clause 4.4.1 by including the mapped RAT Type within the RAT-Type AVP according to Table E.2-1.

If the NetLoc is supported, the procedure described in clauses 4.4.4 and 4.4.6.7 shall apply with the exceptions specified in clause E.1 and with the exception of the user location information that is encoded as follows:

a) The TAI and NCGI received over the N7 reference point in the "tai" attribute and "ncgi" attribute of the "nrLocation" attribute respectively, if available, are encoded in the 3GPP-User-Location AVP; or

b) The TAI and ECGI received over the N7 reference point in the "tai" attribute and "ecgi" attribute of the "eutraLocation" attribute respectively, if available, are encoded in the 3GPP-User-Location AVP.

\*\*\* End of Changes \*\*\*