**3GPP TSG-SA WG6 Meeting #52-bis-e S6-230147**

**e-meeting, 11th – 20th January 2023 (revision of S6-23xxxx)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.434** | **CR** | **0151** | **rev** | **-** | **Current version:** |  |  |
|  | | | | | | | | |
| *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 |  | Core Network | **X** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Add N33 description | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson, FirstNet, AT&T, Samsung | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eSEAL2 | | | | |  | ***Date:*** | | | 2023-01-03 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | 8 |
|  | *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:*** | | N33 description is missing in cl.9.2.4.3 and 9.2.5. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Add N33 reference point description in cl.9.2.4.3 and 9.2.5.x. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Missing N33 reference point description in LM, which is not aligned with LM achitecture. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 9.2.4.3, 9.2.5.x (new) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

\* \* \* First Change \* \* \* \*

#### 9.2.4.3 Location management server

The location management server is a functional entity that receives and stores user location information and provides user location information to the vertical application server. The location management server may also acquire location information provided by PLMN operator via T8/N33 reference point*.* The location management server acts as CAPIF's API exposing function as specified in 3GPP TS 23.222 [8]. The location management server also supports interactions with the corresponding location management server in distributed SEAL deployments.

NOTE: The accuracy of location information acquired from 4G system via T8 reference point is not higher than at cell level (ECGI) for E-UTRAN.

\* \* \* Next Change \* \* \* \*

#### 9.2.5.x N33

The reference point N33 supports the interactions between the location management server and the NEF and is specified in 3GPP TS 23.501 [10] and 3GPP TS 23.502 [11]. The functions related to location management of N33 are supported by the location management server.

\* \* \* End of changes \* \* \* \*