**3GPP TSG-SA WG6 Meeting #52-bis-e S6-230101r01**

**e-meeting*,* 11th – 20th January 2023 (revision of S6-22xxxx)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.434** | **CR** | **0148** | **rev** | **-** | **Current version:** | **18.3.0** |  |
|  | | | | | | | | |
| *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 | **X** | Radio Access Network |  | Core Network | **X** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Add information flow for location reporting configuration update | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | CATT | | | | | | | | | |
| ***Source to TSG:*** | SA6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | 5GFLS | | | | |  | ***Date:*** | | | 2023-01-10 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***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:*** | | Based on the conclusion of KI#3 in TR 23.700-96, the solution#5 will be considered in the normative phase. In the step 4 of sol#5, the LMS will inform the LMC for the LCS profile mapping configuration. However there is no related information flow between LMS and LMC for above procedure in the TS 23.434, so the corresponding information flow should be added. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | To add information flow for location reporting configuration update. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The LMS will not inform the LMC for the LCS profile mapping configuration during the procedure of location profiling for fused location service. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 9.3.2.x(new),9.3.2.y(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 \* \* \* \*

### 9.3.2 Information flows for location information

#### 9.3.2.0 Location reporting configuration request

Table 9.3.2.0-1 describes the information flow from the location management client to the location management server for requesting the location reporting configuration.

Table 9.3.2.0-1: Location reporting configuration request

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| Identity | M | Identity of the VAL user or identity of the VAL UE. |
| VAL service ID | O | Identity of the VAL service for which the location reporting configuration is requested. |

#### 9.3.2.1 Location reporting configuration response

Table 9.3.2.1-1 describes the information flow from the location management server to the location management client for the location reporting configuration. This information flow may be sent individually addressed or group addressed on unicast or multicast.

Table 9.3.2.1-1: Location reporting configuration response

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| Identity | M | Identity of the VAL user or VAL group to which the location reporting configuration is targeted or identity of the VAL UE. |
| Requested location information | O  (see NOTE) | Identifies what location information is requested |
| Triggering criteria | O  (see NOTE) | Identifies when the location management client will send the location report |
| Minimum time between consecutive reports | O  (see NOTE) | Defaults to 0 if absent otherwise indicates the time interval between consecutive reports |
| NOTE: If none of the information element is present, this represents a cancellation for location reporting. | | |

#### 9.3.2.x Location reporting configuration notification

Table 9.3.2.x-1 describes the information flow from the location management server to the location management client for the location reporting configuration notification. This information flow may be sent individually addressed or group addressed on unicast or multicast.

Table 9.3.2.x-1: Location reporting configuration notification

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| Identity | M | Identity of the VAL user or VAL group to which the location reporting configuration is targeted or identity of the VAL UE. |
| VAL service ID | O  (see NOTE) | Identity of the VAL service for which the location reporting configuration is notified. |
| Triggering criteria | O  (see NOTE) | Identifies when the location management client will send the location report |
| Minimum time between consecutive reports | O  (see NOTE) | Defaults to 0 if absent otherwise indicates the time interval between consecutive reports |
| NOTE: If none of the information element is present, this represents a cancellation for location reporting. | | |



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