**3GPP TSG- Meeting #64 *S6-245346 (revision of S6-245027)***

**Orlando, USA,**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** | 1 | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME | **x** | Radio Access Network |  | Core Network | **x** |

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|  | | | | | | | | | | |
| ***Title:*** | Amendments to location reporting configuration | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | SA6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***Release:*** | | |  |
|  | *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:*** | | Control Rooms and Dispatchers have requested the flexibility to change only the emergency reporting or non-emergerncy reporting segments of the default location reporting configuration with a temporary reporting configuration. For this, each of the emregency and non-emegerncy reporting segments should contian the full set of location reporting IEs. Thus we propose to include two separate IEs for ‘Minimum time between successive reports’. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Currently the IEs for location reporting configuration has a common parameter for ‘Minimum time between successive reports’ for both emeregency and non-emergency reporting. This CR proposes to have two separate IEs for this update rate for emeregency and non-emergency reporting. Changes to sections 10.9.2.1 and 10.9.2.4 of TS 23.280. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The flexible and quick processes to change the location reporting configuration by the Control Rooms and Dispatchers of emergency services cannot be supported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 10.9.2.1 and 10.9.2.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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

#### 10.9.2.1 Location reporting configuration

Table 10.9.2.1-1 describes the information flow from the location management server to the location management client for the location reporting configuration.

Table 10.9.2.1-1: Location reporting configuration

|  |  |  |
| --- | --- | --- |
| Information element | Status | Description |
| MC service ID | M | Identity of the MC service user to which the location reporting configuration is targeted. |
| Requested non-emergency location information | O  (see NOTE 1) | Identifies what location information is requested, except for emergency or imminent peril calls or emergency alerts |
| Requested emergency location information | O  (see NOTE 1) | Identifies what location information is requested, for emergency or imminent peril calls or emergency alerts |
| Triggering criteria in non- emergency cases | O  (see NOTE 1) | Identifies when the location management client will send the location report in non-emergency cases |
| Handling criteria in not reporting location information cases | O | Identifies when the location management client will store location information (e.g. never, off-network, IOPS) |
| Triggering criteria in not reporting location information cases | O  (see NOTE 2) | Identifies the causes when the location management client will generate location information |
| Minimum time between consecutive reports for emergency cases | O  (see NOTE 1) | Identifies the location update rate for emergency and imminent peril cases. Defaults to 0 if absent. |
| Minimum time between consecutive reports for non-emergency cases | O  (see NOTE 1) | Identifies the location update rate for non-emergency cases. |
| Triggering criteria in emergency cases | O  (see NOTE 1) | Identifies when the location management client will send the location report in emergency cases |
| NOTE 1: If none of the information elements is present, this represents a cancellation for location reporting based on Triggering criteria in emergency and non-emergency cases, if configured.  NOTE 2: If not present, location information is generated based on Triggering criteria in emergency and non-emergency cases, if configured. | | |

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

10.9.2.4 Location reporting trigger

Table 10.9.2.4-1 describes the information flow from the location management client to the location management server for triggering a location reporting procedure.

**Table 10.9.2.4-1: Location reporting trigger**

|  |  |  |
| --- | --- | --- |
| **Information element** | **Status** | **Description** |
| MC service ID | M  (see NOTE 1) | Identity of the requesting authorized MC service user (e.g. MCPTT ID, MCVideo ID, MCData ID) |
| Functional alias | O | Functional alias that corresponds to the requesting MC service user (e.g. MCPTT ID, MCVideo ID, MCData ID) |
| MC service ID | O  (see NOTE 1)  (see NOTE 3) | Identity of the requested MC service user (e.g. MCPTT ID, MCVideo ID, MCData ID) |
| Functional alias | O  (see NOTE 3) | Functional alias that corresponds to the requested MC service user (e.g. MCPTT ID, MCVideo ID, MCData ID). |
| Immediate Report Indicator | O  (see NOTE 2)  (see NOTE 4) | Indicates whether an immediate location report is required |
| Requested non-emergency location information | O  (see NOTE 2)  (see NOTE 4) | Identifies what location information is requested, except for emergency or imminent peril calls or emergency alerts |
| Requested emergency location information | O  (see NOTE 2)  (see NOTE 4) | Identifies what location information is requested, for emergency or imminent peril calls or emergency alerts |
| Triggering criteria in non- emergency cases | O  (see NOTE 2)  (see NOTE 4) | Identifies when the client will send the location report in non-emergency cases |
| Triggering criteria in emergency cases | O  (see NOTE 2)  (see NOTE 4) | Identifies when the client will send the location report in emergency cases |
| Minimum time between consecutive reports for emergency cases | O  (see NOTE 2)  (see NOTE 4) | Identifies the location update rate for emergency and imminent peril cases. Defaults to 0 if absent. . |
| Minimum time between consecutive reports for non-emergency and cases | O  (see NOTE 2)  (see NOTE 4) | Identifies the location update rate for non-emergency cases. |
| NOTE 1: The identity of the requesting MC service user and the requested MC service user shall belong to the same MC service. E.g. if requesting MC service user is using a MCPTT ID, then the requested MC service user identity shall be an MCPTT ID.  NOTE 2: At least one of these rows shall be present.  NOTE 3: Either the MC service ID or the functional alias must be present.  NOTE 4: This configuration could contain IEs for emergenc reporting, for non-emergency reporting or for both cases. If this configuration contains only emergency case, reporting for the non-emergency case shall happen as per the relevant parameters in the default configuration. If this configuration contains only the non-emeregency case, reporting for the emergency case shall happen as per the relevant parameters in the default configuration. (see Table A.8-1). | | |

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