**3GPP TSG-CT WG1 Meeting #134-eC1-221058**

**E-meeting, 17-25 February 2022 (*was C1-221058*)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.282** | **CR** | **0291** | **rev** | **1** | **Current version:** | **17.5.0** |  |
|  | | | | | | | | |
| *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 |  |

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| ***Title:*** | Update location procedure for MCData | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | AT&T | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMCData3 | | | | |  | ***Date:*** | | | Feb 22, 2022 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Alignment with 24.379 (clause 6.2.9.1) | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Clarify that location reporting occurs not only upon location triggers firing and when emergency alert is declared, but also when emergency group and one-to-one communications is started and on demand. Also clarify which information elements need to be included. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The procedure does not identify all the cases and information elements provided when location information is being reported. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.2.5.1 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \* \* \*

#### 6.2.5.1 Location information for location reporting

This procedure is initiated by the MCData client when it is including location report information:

1) as part of a SIP request for a specified location trigger;

2) as part of a SIP request containing an MCData emergency alert;

3) as part of a SIP request for initiating an emergency group communication or for upgrading a group communication to an emergency group communication;

4) as part of a SIP request for initiating an emergency one-to-one communication or for upgrading a one‑to‑one communication to an emergency one‑to‑one communication; or

5) as part of a SIP request unrelated to location triggers or emergency situations (for example, responding to a location information request).

Editor’s Note: [eMCData3, CR 0291R1, C1-221058] Text in this spec where location information is included for reporting may need to be reviewed/revised/updated to functionally harmonize with text in this procedure or, possibly, to reference this procedure directly.

The MCData client:

1) shall include, unless already present, an application/vnd.3gpp.location-info+xml MIME body as specified in clause D.4, with a <Report> element included in the <location-info> root element;

1. if the location information is being included because of the firing of a trigger configured in a <TriggeringCriteria> element or in an <EmergencyTriggeringCriteria> element of a <Configuration> element contained in an application/vnd.3gpp.mcdata-location-info+xml MIME body, as specified in clause D.4:
2. shall set the <ReportType> attribute to the "Emergency" value if the activated trigger was configured in the <EmergencyTriggeringCriteria>, otherwise shall set the <ReportType> attribute to the "NonEmergency" value;
3. shall include the <TriggerId> child elements, where each element is set to the value of the <Trigger-Id> attribute associated with the trigger that has fired;
4. shall include the location reporting elements corresponding to the triggers that have fired;
5. shall set the minimumReportInterval timer to the minimumReportInterval time and start the timer;
6. shall reset all triggers; and
7. shall skip the rest of the steps of this procedure;
8. if the location information is being included to enable processing for an emergency related situation (such as an emergency alert, emergency group communication or emergency one-to-one communication):
9. shall set the <ReportType> attribute to the "Emergency" value;
10. shall populate the <CurrentLocation> element of the <Report> element to contain values for the <longitude>, <latitude>, <CurrentServingEcgi> and <locTimestamp> elements, as well as other not already included elements indicated by the <EmergencyLocationInformation> element, if present in the <Configuration> element contained in an application/vnd.3gpp.mcdata-location-info+xml MIME body, per clause D.4; and
11. shall skip the rest of the steps of this procedure; and
12. if the location information is being included as a result of a location information request:
13. shall set the <ReportType> attribute to the "NonEmergency" value;
14. shall include the <ReportID> attribute set to the value of the <RequestID> attribute in the received location request; and
15. shall populate the <CurrentLocation> element of the <Report> element containing at least a <CurrentCoordinate> element.

\* \* \* \* \* \* END OF CHANGES \* \* \* \* \* \*