**3GPP TSG-CT WG1 Meeting #133e-bisC1-220021**

**E-meeting, 17-21 January 2022 (*was C1-220021*)**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **24.282** | **CR** | **0275** | **rev** | **-** | **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 | **X** |

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| ***Title:*** | Cancel or Upgrade one-to-one emergency communications for SDS session | | | | | | | | | |
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| ***Source to WG:*** | AT&T | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMCData3 | | | | |  | ***Date:*** | | | 23 Dec 2021 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **B** |  | | | | | ***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:*** | | The ability to upgrade/downgrade an ongoing one-to-one communication between normal communication and an emergency communication for MCData SDS subservices is missing.This CR adds this functionality. | | | | | | | | |
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| ***Summary of change:*** | | To facilitate understability and ease of modification/maintenance, including keeping potential future changes isolated in one procedures, explicit conceptual procedures are added for each involved logical subsystem (OC, OPF, CF, TPF, TC) for the SDS subservice. Given commonality of functionality between subservices, procedures (sometimes parameterized) common among subservices are defined at lower levels and invoked for each service by higher level procedures, as needed. When necessary the higher level procedure provide “parameters” for the invoked procedures. | | | | | | | | |
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| ***Consequences if not approved:*** | | One-to-one emergency communications cannot be cancelled or downgraded from or upgraded to, further leading to inconsistency in implementations | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 9.2.4.2.5 (new), 9.2.4.2.6 (new), 9.2.4.2.7 (new), 9.2.4.3.5 (new), 9.2.4.3.6 (new), 9.2.4.4.5 (new), 9.2.4.4.6 (new), 9.2.4.4.7 (new), 9.2.4.4.8 (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 \* \* \* \* \* \*

##### 9.2.4.2.5 MCData client initiates cancellation for an in-progress emergency one-to-one communication using SDS session

The MCData client shall execute the procedure in clause 6.2.8.4.3.

##### 9.2.4.2.6 MCData client initiates upgrade to emergency for an ongoing one-to-one communication using SDS session

The MCData client shall execute the procedure in clause 6.2.8.4.4.

##### 9.2.4.2.7 Terminating procedures for MCData client to upgrade or cancel an emergency one‑to‑one communication using SDS session

The MCData client shall execute the procedure in clause 6.2.8.4.2.

\* \* \* \* \* \* NEXT CHANGE \* \* \* \* \* \*

##### 9.2.4.3.5 Processing of request from the served user to upgrade or cancel an emergency one‑to‑one communication using SDS session

The participating MCData function shall execute the procedure in clause 6.3.7.1.18.

##### 9.2.4.3.6 Processing of request from controlling MCData function to upgrade or cancel an emergency one‑to‑one communication using SDS session

The participating MCData function shall execute the procedure in clause 6.3.7.1.17.

\* \* \* \* \* \* NEXT CHANGE \* \* \* \* \* \*

##### 9.2.4.4.5 Controlling MCData function receiving a request for upgrade to emergency of a one‑to‑one communication using SDS session

The controlling MCData function shall execute the procedure in clause 6.3.7.1.19, with an indication that the applicable MCData subservice is Short Data Service using session.

##### 9.2.4.4.6 Controlling MCData function receiving a request for cancellation of an emergency one‑to‑one communication using SDS session

The controlling MCData function shall execute the procedure in clause 6.3.7.1.20, with an indication that the applicable MCData subservice is Short Data Service using session.

##### 9.2.4.4.7 Controlling MCData function sending a request for upgrade to emergency of a one‑to‑one communication using SDS session

The controlling MCData function shall execute the procedure in clause 6.3.7.1.21.

##### 9.2.4.4.8 Controlling MCData function sending a request for cancellation of an emergency one‑to‑one communication using SDS session

The controlling MCData function shall execute the procedure in clause 6.3.7.1.22.\* \* \* \* \* \* END OF CHANGES \* \* \* \* \* \*