**3GPP TSG-CT WG1 Meeting #124-eC1-203078 rev1**

**Electronic meeting, 2-10 June 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.379** | **CR** | **0565** | **rev** | **1** | **Current version:** | **16.4.0** |  |
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| *For* ***HE******LP*** *on using this form: comprehensive instructions can be found at  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:*** | Cancellation of a Private Call (without Floor Control) prior the setup | | | | | | | | | |
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| ***Source to WG:*** | BDBOS, Airbus | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
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| ***Work item code:*** | MCProtoc16 | | | | |  | ***Date:*** | | | 2020-05-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-16 |
|  | *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. | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) Rel-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
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| ***Reason for change:*** | | Specifications TS 23.379 and TS 24.379 only describe the release of MCPTT private calls which are already ongoing. But the following requirement defined in TS 22.179 shoul also be served.  [R-6.7.4-002] The MCPTT Service shall provide a mechanism for an MCPTT User to cancel an MCPTT Private Call (without Floor control) prior to the call setup.  It is undestood that there may be no need for an extra procedere for this case, but in the specific section of TS 24.379 it should be mentioned that the cancellation of an MCPTT private call in setup progress state may differ from the release of an ongoing call, which normally is ended by a SIP BYE command.  Referring to SIP specification RFC 3261, chapter 15 “Terminating a Session” a SIP CANCEL may also be used by the callers client to terminate the establishment of a private call:  …”The notion of "hanging up" is not well defined within SIP. It is specific to a particular, albeit common, user interface. Typically, when the user hangs up, it indicates a desire to terminate the attempt to establish a session, and to terminate any sessions already created. For the caller’s UA, this would imply a CANCEL request if the initial INVITE has not generated a final response, and a BYE to all confirmed dialogs after a final response. …” | | | | | | | | |
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| ***Summary of change:*** | | Insertion of a step in the procedure of TS 24.379 chapter 6.2.5.1 to check if an MCPTT session is established. If the session is established, the client terminates the session sending SIP BYE, if the session is not established the client sends a SIP CANCEL according to TS 24.229. | | | | | | | | |
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| ***Consequences if not approved:*** | | A client acting according to RFC 3261 using SIP CANCEL, may not be able to cancel a not established MCPTT privat call (with no floor control) because the server side may wait for a SIP BYE. The call may be established, an unwanted ringing may occur and after that the call may finally be released. | | | | | | | | |
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| ***Clauses affected:*** | | 6.2.5.1 | | | | | | | | |
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|  | | **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 On-demand session case

When the MCPTT client wants to release an MCPTT session using on-demand session signalling, the MCPTT client:

1. if the session is in the process of being established, shall send a SIP CANCEL request according to 3GPP TS 24.229 [4] and skip the rest of the steps;

2) shall interact with the media plane as specified in 3GPP TS 24.380 [5];

3) shall generate a SIP BYE request according to 3GPP TS 24.229 [4];

4) shall set the Request-URI to the MCPTT session identity to release; and

5) shall send a SIP BYE request towards MCPTT server according to 3GPP TS 24.229 [4].

\*\*\* End change \*\*