**3GPP TSG-SA WG6 Meeting #26 S6-181587**

**Vilnius, Lithuania, 15th – 19th October 2018 (revision of S6-181354, 181443, 181574)**

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| *CR-Form-v11.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **23.379** | **CR** | **0151** | **rev** | **3** | **Current version:** | **16.0.0** |  |
|  | | | | | | | | |
| *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:*** | User regroup procedure | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Motorola Solutions | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | enh2MCPTT | | | | |  | | ***Date:*** | | 2018-10-08 |
|  |  | | | |  | | |  | |  |
| ***Category:*** | **B** |  | | | | | | ***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](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-12 (Release 12)* *Rel-13 (Release 13) Rel-14 (Release 14) Rel-15 (Release 15) Rel-16 (Release 16)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The temporary user regroup procedure does not have a security solution in 3GPP TS 33.180. To resolve this, an additional procedure is provided which makes use of existing group creation and group call solutions, which enables the security solutions for these to be reused. | | | | | | | | |
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| ***Summary of change:*** | | A new procedure is added to provide a temporary user regroup procedure by reusing existing procedures for group creation and group call. | | | | | | | | |
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| ***Consequences if not approved:*** | | There is no user regroup procedure that satisfies the need for a realizable security procedure. | | | | | | | | |
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| ***Clauses affected:*** | | 10.6.2.x, 10.6.2.x.1, 10.6.2.x.2, 10.6.2.x.3 (all 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:*** | |  | | | | | | | | |

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

#### 10.6.2.x Temporary user regroup using group creation procedure

##### 10.6.2.x.1 General

Temporary user regroup using the group creation procedure can be initiated by an authorized user creating a temporary group with a list of MCPTT users, then initiating a group call. The group ID for this temporary group can be provided at the time of group creation.

##### 10.6.2.x.2 Temporary group setup and group call

Figure 10.6.2.x.2-1 below illustrates the temporary group call creation and call setup procedure initiated by an authorized user.

Pre-conditions:

1. The authorized user is aware of the MCPTT users who will be invited to the temporary group call.



Figure 10.6.2.8.x-1: Temporary user regroup

1. The authorized user of MCPTT UE 1 makes use of the group management client of MCPTT UE 1 to create the temporary group according to the group creation procedure in 3GPP TS 23.280 [16] subclause 10.2.3. The configuration identifies the group as a temporary group. As part of this procedure, the MCPTT users are notified of their membership to the temporary group, and the MCPTT server is notified about the creation of the group and the list of group members.

Editor's note: if the group name is to be provided by the authorized user during the group creation process, an addition will need to be made in the group creation procedure provided in 3GPP TS 23.280 [16].

2. The user of MCPTT UE 1 initiates a group call according to the procedures described in either subclause 10.6.2.3.1.1 or 10.6.2.3.1.2 of the present document. The authorized user of MCPTT UE 1 is implicitly affiliated to the temporary group. The receiving MCPTT clients of MCPTT UEs 2 and 3 are implicitly affiliated to the group and are notified of this affiliation during the call setup.

##### 10.6.2.x.3 Group call end by authorized user

The temporary group call is ended by following the call release procedures described in subclauses 10.6.2.3.1.1.3 or 10.6.2.3.1.2.3 of the present document.

If the authorized user wishes to end the use of the temporary group, the procedure for group deletion described in 3GPP TS 23.280 [16] is followed.