**3GPP TSG-SA WG6 Meeting #35 S6-200211**

**Hyderabad, India, 13th - 17th Jan 2020 (revision of S6-200179)**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **23.379** | **CR** | **0250** | **rev** | **2** | **Current version:** | **17.1.0** |  |
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| *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:*** | Clarification on functional alias to group binding function | | | | | | | | | |
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| ***Source to WG:*** | ZTE Trunking, Motorola Solutions | | | | | | | | | |
| ***Source to TSG:*** | S6 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | eMONASTERY2 | | | | |  | ***Date:*** | | | 2020-01-03 |
|  |  | | | |  | |  | | |  |
| ***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-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:*** | | In last meeting the function of functional alias to group binding was updated in 23.280. But how functional alias is bound to the MCPTT group ID in call procedure is not clear. | | | | | | | | |
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| ***Summary of change:*** | | Add a reference in call procedures to clarify how functional alias to group binding is achieved beforehand. | | | | | | | | |
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| ***Consequences if not approved:*** | | Misunderstanding that functional alias to group binding is achieved through preconfiguration before call procedures, which may cause confusion in stage 3. | | | | | | | | |
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| ***Clauses affected:*** | | 10.6.2.3.1.1.2, 10.6.2.3.1.2.2, 10.6.2.3.1.2.4, 10.6.2.4.3.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \*

10.6.2.3.1.1.2 Pre-arranged group call setup

The procedure focuses on the case where an MCPTT client is initiating an MCPTT group call with unicast signalling for communicating with the affiliated MCPTT members of that group.

Procedures in figure 10.6.2.3.1.1.2-1 are the signalling control plane procedures for the MCPTT client initiating establishment of an MCPTT group call with a pre-arranged group i.e., MCPTT users on client 1, client 2 and client 3 belong to the same group which is defined in the MCPTT group management server.

Pre-conditions:

1. A pre-arranged group is an MCPTT group that is pre-defined with MCPTT group ID and member list in the group management server. All members of the group belong to the same MCPTT system.

2. It is assumed that MCPTT users on MCPTT client 1, MCPTT client 2 and MCPTT client 3 are already registered for receiving MCPTT service and affiliated. Optionally, they may have an activated functional alias to be used during the group communication.

3. Optionally the MCPTT server has subscribed to the MCPTT functional alias controlling server within the MC system for functional alias activation/de-activation updates.

4. Optionally the MCPTT user on MCPTT client 1 has bound a functional alias to the MCPTT group ID (3GPP TS 23.280 [16]).

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

10.6.2.3.1.2.2 Chat group call setup

MCPTT client 1, client 2, and client 3 are served by the home MCPTT service provider in figure 10.6.2.3.1.2.2-1.

Pre-condition:

1. MCPTT user 2 and MCPTT user 3 have previously joined (affiliated) to the group. MCPTT client 1, client 2, and client 3 are registered and all users (MCPTT user 1, user 2, and user 3) have been authenticated and authorized to use the MCPTT service.

2. MCPTT client 1, MCPTT client 2 and MCPTT client 3 may have activated functional alias(es) configured to be used during the group call communication. No call is currently in progress for the group.

3. Optionally the MCPTT user on MCPTT client 1 has bound a functional alias to the MCPTT group ID (3GPP TS 23.280 [16]).

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

10.6.2.3.1.2.4 Late entry chat group call, newly joined group member

Procedures in figure 10.6.2.3.1.2.4-1 are those for a group member entering an ongoing MCPTT group call, i.e. performing a late entry.

Pre-conditions:

1. MCPTT user 2 and MCPTT user 3 have previously joined to the group. MCPTT client 1, client 2, and client 3 are registered and all users (MCPTT user 1, user 2, and user 3) have been authenticated and authorized to use the MCPTT service.

2. MCPTT client 1, MCPTT client 2 and MCPTT client 3 may have activated functional alias(es) configured to be used during the group call communication. MCPTT users using MCPTT client 2 and MCPTT client 3 are in an ongoing group call. MCPTT client 1 has not yet joined the group call. Optionally, the MCPTT users may use activated functional aliases.

3. MCPTT user 1 indicates to join the group communication for the group.

4. Optionally the MCPTT user on MCPTT client 1 has bound a functional alias to the MCPTT group ID (3GPP TS 23.280 [16]).

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

###### 10.6.2.4.3.3 Chat group call setup

Figure 10.6.2.4.3.3-1 illustrates the group call setup procedure for an MCPTT chat group defined in the partner MCPTT system.

Pre-conditions:

1. The MCPTT users of MCPTT clients 1, 2 and 3 are members of a chat group that is defined in the partner MCPTT system.

2. MCPTT user 2 and MCPTT user 3 have previously joined (affiliated) to the group. MCPTT client 1, client 2, and client 3 are registered and all users (MCPTT user 1, user 2, and user 3) have been authenticated and authorized to use the MCPTT service.

3. MCPTT client 1, MCPTT client 2 and MCPTT client 3 may have activated functional alias(es) configured to be used during the group call communication.

4. No call is currently in progress for the group.

5. Optionally the MCPTT user on MCPTT client 1 has bound a functional alias to the MCPTT group ID (3GPP TS 23.280 [16]).

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