**3GPP TSG-SA WG6 Meeting #48-e S6-220526\_Rev1**

**e-meeting, 5th – 14th April 2022 (revision of S6-22xxxx)**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
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|  | **23.280** | **CR** | **0315** | **rev** | **-** | **Current version:** | **18.1.0** |  |
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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:***  | Migration during an ongoing group communication |
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| ***Source to WG:*** | Nokia, Nokia Shanghai Bell, UIC |
| ***Source to TSG:*** | S6 |
|  |  |
| ***Work item code:*** | IRail |  | ***Date:*** | 2022-03-30 |
|  |  |  |  |  |
| ***Category:*** | B |  | ***Release:*** | Rel-18 |
|  | *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 canbe 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)* |
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| ***Reason for change:*** | TR 23.700-90 describes a procedure, which allows a MCPTT user to migrate to another MCPTT system and to continue with the group communication after migration to the new MCPTT system. This CR copies the procedure from the TR and makes it generic for applicability to all MC services. |
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| ***Summary of change:*** | A new generic procedure is added which allows group communications to be continued after migration. |
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| ***Consequences if not approved:*** | Migration during an ongoing group communication ends the group communication for the migrating user. |
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| ***Clauses affected:*** | 10.16(new), 10.16.1(new), 10.16.2 |
|  |  |
|  | **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 ...  |
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| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

\* \* \* \* \* \* \* FIRST CHANGE \* \* \* \* \* \* \*

## 10.16 Generic procedures for migration

### 10.16.1 General

Migration provides a means for an MC service user to obtain MC service directly from a partner MC system. This subclause describes generic procedures for migration which are variations of specific procedures detailed in 3GPP TS 23.379 [16], 3GPP TS 23.281 [12] and 3GPP TS 23.282 [13]. These procedures should be read in conjunction with specific procedures in those specifications.

### 10.16.2 Migration during an ongoing group communication

#### 10.16.2.1 General

This provides the capability for an MC service user to migrate to another MC system during an ongoing group communication and to continue the group communication in the other MC system.

Editor’s note: Further study is needed for MCData services.

#### 10.16.2.2 Procedure

The procedure is based on the following existing procedures:

- MC service group de-affiliation procedure as described in clause 10.8.4.2, or

- De-affiliation from MC service group(s) defined in partner MC service system as described in clause 10.8.4.3.

- MC service user receiving MC service from a partner MC system as described in clause 10.1.4.3.2.

- MC service group affiliation procedure as described in clause 10.8.3.1, or

- Affiliation to MC service group(s) defined in partner MC system as described in clause 10.8.3.2 or clause 10.8.3.2a.

- Late entry MCPTT group call as described in 3GPP TS 23.379 [16] clause 10.6.2.3.1.1.4 (pre-arranged group call) and 3GPP TS 23.379 [16] clause 10.6.2.3.1.2.5 (chat group call).

- Late entry MCVideo group call as described in 3GPP TS 23.281 [12] clause 7.1.2.3.1.1.4 (pre-arranged) and 3GPP TS 23.281 [12] clause 7.1.2.3.1.2.6 (chat group call).

Pre-conditions:

1. The MC service client is a receiving party in one or more ongoing group calls in the primary MC system.

2. The MC service UE detects the need to change the MC system.



Figure 10.16.2.2-1: Migration to partner MC system during an ongoing group call

1. The MC service client requests de-affiliation from MC service groups. The MC service groups are either defined in the primary MC system (see clause 10.8.4.2) or the partner MC system (see clause 10.8.4.3).

2. After migration to the partner MC system, the configuration management client triggers retrieval of the MC service user profile used within the partner MC system (see clause 10.1.4.3.2).

NOTE1: User authentication, service authorisation and signalling plane procedures are not shown.

3. The MC service client requests affiliation to MC service groups. The MCPTT groups are either defined in the primary MC system (see clause 10.8.3.1) or the partner MC system (see clause 10.8.3.2 or clause 10.8.3.2a).

4. If any of the received group calls are ongoing in the partner MC system, the partner MC system shall initiate a late-entry procedure towards the MC service client. If any of the received group calls are taken place in the primary MC system but not yet in the partner MC system, the affiliation by the migrated MC service UE triggers the late-entry procedure which then includes the MC service UE and the partner MC system into the group call.

The MC service client may indicate the successful migration of group communications to the MC service user.

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