**3GPP TSG-CT WG1 Meeting #127-eC1-207287**

**Electronic meeting, 13-20 November 2020**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **24.380** | **CR** | **0291** | **rev** | **-** | **Current version:** | **17.0.0** |  |
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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:***  | Client side procedures for unicast media Stop and Resume |
|  |  |
| ***Source to WG:*** | Samsung |
| ***Source to TSG:*** | C1 |
|  |  |
| ***Work item code:*** | enh3MCPTT-CT |  | ***Date:*** | 2020-11-06 |
|  |  |  |  |  |
| ***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 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)* |
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| ***Reason for change:*** | Unicast media stop and resume procedures have been defined in clause 10.9.1.6 of TS 23.379. It needs to be implemented in stage#3. |
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| ***Summary of change:*** | This CR provides client side procedures for unicast media Stop and Resume requests.  |
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| ***Consequences if not approved:*** | The feature unicast media stop and resume will not be available in Rel-17. |
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| ***Clauses affected:*** | 6.2.4.3.1, 6.2.4.3.X (New), 6.2.4.3.Y (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:*** |  |

\*\*\*\*\* Next change \*\*\*\*\*

#### 6.2.4.1 General

The floor participant shall behave according to the state diagram and the state transitions specified in this subclause.

Figure 6.2.4.1-1 shows the state diagram for 'Floor participant state transition diagram for basic operation'.



Figure 6.2.4.1-1: Floor participant state transition diagram for basic operation.

State details are explained in the following subclauses.

If an RTP media packet or a floor control message arrives in a state where there is no specific procedure specified for the RTP media packets or the received floor control message, the floor participant shall discard the floor control message or the RTP media packet and shall remain in the current state.

NOTE 1: A badly formatted RTP packet or floor control message received in any state is ignored by the floor participant and does not cause any change of the current state.

NOTE 2: The state transition diagram is the same for groups configured for audio cut-in floor control but the U: queued state should never be visited.

\*\*\*\*\* Next change \*\*\*\*\*

##### 6.2.4.3.1 General

The floor participant is in this state when the floor participant is not sending RTP media packets or is not waiting for a floor control message response.

In this state RTP media packets may be received and floor control messages can be received.

\*\*\*\*\* Next change \*\*\*\*\*

##### 6.2.4.3.X Send Unicast Media Stop Request message (S: Unicast Media Flow Control Message)

Upon receiving an indication from the user to request to stop unicast media, the floor participant:

1. shall send the Unicast Media Flow Control message toward the floor control server; In the Unicast Media Flow Control message:

a. shall set Media Flow Control Indicator field value to "0" as specified in subclause 8.2.3.Y; and

2. shall remain in the 'U: has no permission' state.

\*\*\*\*\* Next change \*\*\*\*\*

##### 6.2.4.3.Y Send Unicast Media Resume Request message (S: Unicast Media Flow Control Message)

Upon receiving an indication from the user to request to resume unicast media, the floor participant:

1. shall send the Unicast Media Flow Control message toward the floor control server; In the Unicast Media Flow Control message:

a. shall set Media Flow Control Indicator field value to "1" as specified in subclause 8.2.3.Y; and

2. shall remain in the 'U: has no permission' state.

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