**3GPP TSG-CT WG1 Meeting #125-eC1-204823**

**Electronic meeting, 20-28 August 2020**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.380** | **CR** | **0251** | **rev** | **-** | **Current version:** | **13.11.0** |  |
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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 |  |

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| ***Title:*** | Missing floor indicator in On-Network Floor Control procedures | | | | | | | | | |
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| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MCPTT-CT | | | | |  | ***Date:*** | | | 2020-07-27 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-13 |
|  | *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:*** | | The floor indicator field in the floor release message shall be present if the floor request is sent with broadcast group call bit set for update of the call, however in the subclauses 6.2.4.9.11 and 6.2.4.9.13 the field is missing, without this field the participating server can’t identify the floor release for which type of call.  The subclause 9.2.4.9.6 makes floor indicator as optional in floor release request but in all other places its mandatory if the previous floor request sent was to update the group call to broadcast group call. | | | | | | | | |
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| ***Summary of change:*** | | In subclauses 6.2.4.9.11 and 6.2.4.9.13: Included the floor indicator while sending the floor release request.  The subclause 9.2.4.9.6 re-worded to make it as mandatory and align the text as per other subclauses in existing specification. | | | | | | | | |
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| ***Consequences if not approved:*** | | Creates confusion as to what the proper behavior is. Why are the floor indicators are missing in floor release request? Or was the protocol not completed? | | | | | | | | |
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| ***Clauses affected:*** | | 6.2.4.9.11, 6.2.4.9.13, 6.2.4.9.6 | | | | | | | | |
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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:*** | |  | | | | | | | | |
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| ***This CR's revision history:*** | | Rev 1:   1. Cover sheet is updated to include the floor indicator is dependent on the previous floor request message which is carrying the floor request message. Wordings are changed in the 6.2.4.9.13. 2. The subclause 9.2.4.9.6 re-worded to make it as mandatory and align the text as per other subclauses in existing specification | | | | | | | | |

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

##### 6.2.4.9.11 Timer T104 (Floor Queue Position Request) expired N times

When timer T104 (Floor Queue Position Request) expires by the upper limit of counter C104 (Floor Queue Position Request) times, the floor participant:

1. shall provide a floor queued timeout to the MCPTT client;

2. send the Floor Release message;

3. may set the first bit in the subtype of the Floor Queue Position message to '1' (Acknowledgment is required) as described in subclause 8.3.2,

NOTE: It is an implementation option to handle the receipt of the Floor Ack message and what action to take if the Floor Ack message is not received.

4. if the session is a broadcast call and if the session was established as a normal call, shall include the Floor Indicator with the A-bit set to '1' (Normal call); and

5. shall enter the 'U: pending Release' state.

\* \* \* \* \* \* NEXT CHANGE \* \* \* \* \* \* \*

##### 6.2.4.9.13 Timer T132 (Queued granted user action) expires

Upon expiry of timer T132 (Queued granted user action) the floor participant:

1. shall send Floor Release message;

2. may indicate the user that the floor is no more available;

3. may set the first bit in the subtype of the Floor Release message to '1' (Acknowledgment is required) as described in subclause 8.3.2;

NOTE: It is an implementation option to handle the receipt of the Floor Ack message and what action to take if the Floor Ack message is not received.

4. if the session is a broadcast call and if the session was established as a normal call, shall include the Floor Indicator with the A-bit set to '1' (Normal call); and

5. shall enter 'U: has no permission' state.

\* \* \* \* \* \* NEXT CHANGE \* \* \* \* \* \* \*

##### 6.2.4.9.6 Send Floor Release message (PTT button released)

Upon receiving an indication from the MCPTT user to release the queued floor request, the floor participant:

1. shall send a Floor Release message: The Floor Release message:

a. if the session is a broadcast call and if the session was established as a normal call, shall include the Floor Indicator with the A-bit set to '1' (Normal call);

NOTE: The Floor Indicator field changing a broadcast group call to a normal call.

2. may set the first bit in the subtype of the Floor Release message to '1' (Acknowledgment is required) as described in subclause 8.3.2;

NOTE: It is an implementation option to handle the receipt of the Floor Ack message and what action to take if the Floor Ack message is not received.

3. shall start timer T100 (Floor Release) and initialise counter C10 (Floor Release) to 1;

4. shall stop timer T104 (Floor Queue Position Request), if running; and

5. shall enter the 'U: pending Release' state.

\* \* \* \* \* \* \* END CHANGES \* \* \* \* \* \* \*