**3GPP TSG-CT WG1 Meeting #123-eC1-202xxx**

**Electronic meeting, 16-24 April 2020 was C1-202554**

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| *CR-Form-v12.0* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
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|  | **24.379** | **CR** | **0559** | **rev** | **1** | **Current version:** | **16.4.0** |  |
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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:*** | Corrections to current talker location in ambient call | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Samsung | | | | | | | | | |
| ***Source to TSG:*** | C1 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | MCProtoc16 | | | | |  | ***Date:*** | | | 2020-04-08 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***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:*** | | In case of ambient call in subclause 11.1.6, the existing procedure covers the location sharing of the originator of the call based on the requirement of current talker location sharing. The handling and validation to share the location are improper and don’t provide the clarity on how to impliment it. The existing procedure for remote ambient call delivers the location of non-talker. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Corrected the procedure of ambient call to handle and validate the location sharing appropriately.  Location sharing of current talker in remote ambient call is moved to the media plane.  In subclauses 6.3.2.1.3 and 6.3.2.1.4, added the step to consider the location of incoming request if the incoming request is not being regarded as received with an implicit floor request and removed the existing copying of location step.  In subclause 11.1.6.3.1.1 and 11.1.6.3.1.4, modified/added if the incoming request is being regarded as received with implicit floor request to grant the floor to originating then only add the location to outgoing request. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incorrect specification and inadequate procedure to share the current talker location information in remote ambient call | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.3.2.1.3, 6.3.2.1.4, 11.1.6.3.1.1, and 11.1.6.3.1.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 \* \* \* \* \* \* \*

##### 6.3.2.1.3 Sending an INVITE request on receipt of an INVITE request

This subclause is referenced from other procedures.

When generating an initial SIP INVITE request according to 3GPP TS 24.229 [4], on receipt of an incoming SIP INVITE request, the participating MCPTT function:

1) shall include in the SIP INVITE request all Accept-Contact header fields and all Reject-Contact header fields, with their feature tags and their corresponding values along with parameters according to rules and procedures of IETF RFC 3841 [6] if included in the incoming SIP INVITE request;

2) should include the Session-Expires header field according to IETF RFC 4028 [7]. It is recommended that the "refresher" header field parameter is omitted. If included, the "refresher" header field parameter shall be set to "uac";

3) shall include the option tag "timer" in the Supported header field;

4) shall copy the contents of the P-Asserted-Identity header field of the incoming SIP INVITE request to the P-Asserted-Identity header field of the outgoing SIP INVITE request;

5) shall include the g.3gpp.mcptt media feature tag into the Contact header field of the outgoing SIP INVITE request;

6) shall include the ICSI value "urn:urn-7:3gpp-service.ims.icsi.mcptt" (coded as specified in 3GPP TS 24.229 [4]), into the P-Asserted-Service header field of the outgoing SIP INVITE request;

7) if the incoming SIP INVITE request contained a MIME resource-lists body, shall copy the MIME resource-lists body, according to rules and procedures of IETF RFC 5366 [20];

8) if the incoming SIP INVITE request contained an application/vnd.3gpp.mcptt-info+xml MIME body, shall copy the contents of the application/vnd.3gpp.mcptt-info+xml MIME body of the incoming SIP INVITE request to the outgoing SIP INVITE request; and

9) if, according to subclause 6.4, the SIP INVITE request is regarded as being not received with an implicit floor request, then:

a) if the incoming SIP INVITE request contained an application/vnd.3gpp.mcptt-location-info+xml MIME body with a <Report> element included in the <location-info> root element; and

b) if the <allow-location-info-when-talking> element of the <ruleset> element of the MCPTT user profile document identified by the MCPTT ID of the calling MCPTT user (see the MCPTT user profile document in 3GPP TS 24.484 [50]) is set to a value of "true";

shall copy the application/vnd.3gpp.mcptt-location-info+xml MIME body from the SIP INVITE request into the outgoing SIP INVITE.

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

##### 6.3.2.1.4 Sending an INVITE request on receipt of a REFER request

This subclause is referenced from other procedures.

When generating an initial SIP INVITE request according to 3GPP TS 24.229 [4], on receipt of an incoming SIP REFER request, the participating MCPTT function:

1) shall include in the SIP INVITE request all header fields included in the headers portion of the SIP URI contained in the <entry> element of the application/resource-lists MIME body, referenced by the "cid" URL in the Refer-To header field in the incoming SIP REFER request;

2) should include the Session-Expires header field according to IETF RFC 4028 [7]. It is recommended that the "refresher" header field parameter is omitted. If included, the "refresher" header field parameter shall be set to "uac";

3) shall include the option tag "timer" in the Supported header field;

4) shall copy the contents of the P-Asserted-Identity header field of the incoming SIP REFER request to the P-Asserted-Identity header field of the outgoing SIP INVITE request;

5) shall include the g.3gpp.mcptt media feature tag and the g.3gpp.icsi-ref media feature tag with the value of "urn:urn-7:3gpp-service.ims.icsi.mcptt" into the Contact header field of the outgoing SIP INVITE request;

6) shall include the ICSI value "urn:urn-7:3gpp-service.ims.icsi.mcptt" (coded as specified in 3GPP TS 24.229 [4]), into the P-Asserted-Service header field of the outgoing SIP INVITE request;

7) shall include in the SIP INVITE request the option tag "tdialog" in a Supported header field according to the rules and procedures of IETF RFC 4538 [23];

8) shall include in the SIP INVITE request an SDP offer as specified in subclause 6.3.2.1.1.2 based upon:

a) the SDP negotiated during the pre-established session establishment and any subsequent pre-established session modification; and

b) the SDP offer (if any) included in the hname "body" parameter in the headers portion of the SIP URI contained in the <entry> element of the application/resource-lists MIME body, referenced by the "cid" URL in the Refer-To header field in the incoming SIP REFER request for a pre-established session;

9) shall determine if the SIP REFER request is regarded as being received with an implicit floor request;

a) if according to subclause 6.4, the SIP REFER request is regarded as being received with an implicit floor request, the participating MCPTT function shall include the "mc\_implicit\_request" media level attribute in the associated UDP stream for the floor control in the SDP offer of the SIP INVITE request; and

b) if, according to subclause 6.4, the SIP REFER request is regarded as being not received with an implicit floor request, the participating MCPTT function shall not include the "mc\_implicit\_request" media level attribute in the associated UDP stream for the floor control in the SDP offer of the SIP INVITE request;

10) shall determine if the SIP REFER request is regarded as being received with an implicit request to grant the floor to the terminating MCPTT client;

a) if according to subclause 6.4, the SIP REFER request is regarded as being received with an implicit request to grant the floor to the terminating MCPTT client, the participating MCPTT function shall include the "mc\_implicit\_request" media level attribute in the associated UDP stream for the floor control in the SDP offer of the SIP INVITE request; and

b) if, according to subclause 6.4, the SIP REFER request is regarded as being not received with an implicit request to grant the floor to the terminating MCPTT client, the participating MCPTT function shall not include the "mc\_implicit\_request" media level attribute in the associated UDP stream for the floor control in the SDP offer of the SIP INVITE request;

11) shall copy the application/vnd.3gpp.mcptt-info+xml MIME body from the hname "body" parameter in the headers portion of the SIP URI in the application/resource-lists MIME body, referenced by the "cid" URL in the Refer-To header field of the SIP REFER request, to the outgoing SIP INVITE request;

11A) if the application/vnd.3gpp.mcptt-info+xml MIME body included in the outgoing SIP INVITE request contains a <functional-alias-URI> element, shall check the status of the functional alias. If the status is not active, then the participating MCPTT function shall remove the <functional-alias-URI> element from the application/vnd.3gpp.mcptt-info+xml MIME body;

12) shall include the <mcptt-calling-user-id> element set to the MCPTT ID of the calling user in the application/vnd.3gpp.mcptt-info+xml MIME body of the outgoing SIP INVITE request;

13) if the incoming SIP REFER request contained an application/resource-lists MIME body in the hname "body" parameter in the headers portion of the SIP URI contained in the <entry> element of an application/resource-lists MIME body, referenced by the "cid" URL in the Refer-To header field, shall copy the application/resources-lists MIME body in the hname "body" parameter in the headers portion of the SIP URI to the SIP INVITE request; and

14) if, according to subclause 6.4, the SIP REFER request is regarded as being not received with an implicit floor request, then:

a) if the incoming SIP REFER request contained an application/vnd.3gpp.mcptt-location-info+xml MIME body with a <Report> element included in the <location-info> root element; and

b) if the <allow-location-info-when-talking> element of the <ruleset> element of the MCPTT user profile document identified by the MCPTT ID of the calling MCPTT user (see the MCPTT user profile document in 3GPP TS 24.484 [50]) is set to a value of "true";

shall copy the application/vnd.3gpp.mcptt-location-info+xml MIME body from the SIP REFER request into the outgoing SIP INVITE.

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

###### 11.1.6.3.1.1 On-demand ambient listening call

Upon receipt of a "SIP INVITE request for originating participating MCPTT function" containing an application/vnd.3gpp.mcptt-info+xml MIME body with the <session-type> element set to a value of "ambient-listening", the participating MCPTT function:

1) if unable to process the request due to a lack of resources or a risk of congestion exists, may reject the "SIP INVITE request for originating participating MCPTT function" with a SIP 500 (Server Internal Error) response. The participating MCPTT function may include a Retry-After header field to the SIP 500 (Server Internal Error) response as specified in IETF RFC 3261 [24] and shall not continue with the rest of the steps;

2) shall determine the MCPTT ID of the calling user from public user identity in the P-Asserted-Identity header field of the SIP INVITE request and shall authorise the user;

NOTE 1: The MCPTT ID of the calling user is bound to the public user identity at the time of service authorisation, as documented in subclause 7.3.

3) if the participating MCPTT function cannot find a binding between the public user identity and an MCPTT ID or if the validity period of an existing binding has expired, then the participating MCPTT function shall reject the SIP INVITE request with a SIP 404 (Not Found) response with the warning text set to "141 user unknown to the participating function" in a Warning header field as specified in subclause 4.4, and shall not continue with any of the remaining steps;

4) if the <ambient-listening-type> element of the application/vnd.3gpp.mcptt-info+xml MIME body in the received SIP INVITE request is set to a value of:

a) "remote-init" and an <allow-request-remote-initiated-ambient-listening> element of the <ruleset> element is not present in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) or is set to a value of "false"; or

b) "local-init" and an <allow-request-locally-initiated-ambient-listening> element of the <ruleset> element is not present in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) or is set to a value of "false";

then shall reject the "SIP INVITE request for originating participating MCPTT function" with a SIP 403 (Forbidden) response, with warning text set to "154 The MCPTT user is not authorised to make an ambient listening call" in a Warning header field as specified in subclause 4.4, and shall not continue with the rest of the steps;

5) shall determine the public service identity of the controlling MCPTT function for the ambient listening call service associated with the originating user's MCPTT ID identity. If the participating MCPTT function is unable to identify the controlling MCPTT function for the ambient listening call service associated with the originating user's MCPTT ID identity, it shall reject the SIP INVITE request with a SIP 404 (Not Found) response with the warning text "142 unable to determine the controlling function" in a Warning header field as specified in subclause 4.4, and shall not continue with any of the remaining steps;

6) if the incoming SIP INVITE request does not contain an application/resource-lists MIME body or contains an application/resource-lists MIME body with more than one <entry> element, shall reject the "SIP INVITE request for originating participating MCPTT function" with a SIP 403 (Forbidden) response including warning text set to "145 unable to determine called party" in a Warning header field as specified in subclause 4.4, and shall not continue with the rest of the steps;

7) if the <allow-private-call> element of the <ruleset> element is not present in the MCPTT user profile document on the participating MCPTT function or is present with the value "false" (see the MCPTT user profile document in 3GPP TS 24.484 [50]), indicating that the user identified by the MCPTT ID is not authorised to initiate private calls, shall reject the "SIP INVITE request for originating participating MCPTT function" with a SIP 403 (Forbidden) response, with warning text set to "107 user not authorised to make private calls" in a Warning header field as specified in subclause 4.4, and shall not continue with the rest of the steps;

8) if the <PrivateCall> element exists in the MCPTT user profile document with one or more <entry> elements (see the MCPTT user profile document in 3GPP TS 24.484 [50]) and:

a) if the "uri" attribute of the <entry> element of the application/resource-lists MIME body does not match with one of the <entry> elements of the <PrivateCall> element of the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]); and

b) if configuration is not set in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) that allows the MCPTT user to make a private call to users not contained within the <entry> elements of the <PrivateCall> element;

then:

a) shall reject the "SIP INVITE request for originating participating MCPTT function" with a SIP 403 (Forbidden) response including warning text set to "144 user not authorised to call this particular user" in a Warning header field as specified in subclause 4.4 and shall not continue with the rest of the steps;

9) shall validate the media parameters and if the MCPTT speech codec is not offered in the "SIP INVITE request for originating participating MCPTT function" shall reject the request with a SIP 488 (Not Acceptable Here) response. Otherwise, continue with the rest of the steps;

10) shall generate a SIP INVITE request as specified in subclause 6.3.2.1.3;

11) shall set the Request-URI to the public service identity of the controlling MCPTT function hosting the private call service;

12) shall set the <mcptt-calling-user-id> element in an application/vnd.3gpp.mcptt-info+xml MIME body of the SIP INVITE request to the MCPTT ID of the calling user;

13) if the Priv-Answer-Mode header field specified in IETF RFC 5373 [18] was received in the incoming SIP INVITE request with a value of "Auto" or if no Priv-Answer-Mode header field was received in the incoming SIP INVITE request or a Priv-Answer-Mode header field was received containing a value other than "Auto", shall include the Priv-Answer-Mode header field set to a value of "Auto" in the outgoing SIP INVITE request;

14) shall include in the SIP INVITE request an SDP offer based on the SDP offer in the received "SIP INVITE request for originating participating MCPTT function", as specified in subclause 6.3.2.1.1.1;

15) if, according to subclause 6.4, the SIP INVITE request is regarded as being received with an implicit request to grant the floor to the originating MCPTT client:

if:

a) the incoming SIP INVITE request contained an application/vnd.3gpp.mcptt-location-info+xml MIME body with a <Report> element included in the <location-info> root element; and

b) the <allow-location-info-when-talking> element of the <ruleset> element of the MCPTT user profile document identified by the MCPTT ID of the calling MCPTT user (see the MCPTT user profile document in 3GPP TS 24.484 [50]) is set to a value of "true";

then shall copy the application/vnd.3gpp.mcptt-location-info+xml MIME body from the received SIP INVITE request into the outgoing SIP INVITE request;

otherwise:

if:

a) the participating MCPTT function has the location of the originating MCPTT client available; and

b) the <allow-location-info-when-talking> element of the <ruleset> element of the MCPTT user profile document identified by the MCPTT ID of the calling MCPTT user (see the MCPTT user profile document in 3GPP TS 24.484 [50]) is set to a value of "true";

then shall include an application/vnd.3gpp.mcptt-location-info+xml MIME body with a <Report> element included in the <location-info> root element; and

16) shall forward the SIP INVITE request, according to 3GPP TS 24.229 [4].

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

###### 11.1.6.3.1.4 Ambient listening call initiation using pre-established session

Upon receipt of a "SIP REFER request for a pre-established session", with:

1) the Refer-To header field containing a Content-ID ("cid") Uniform Resource Locator (URL) as specified in IETF RFC 2392 [62] that points to an application/resource-lists MIME body as specified in IETF RFC 5366 [20] containing one <entry> element with a "uri" attribute containing a SIP URI set to the MCPTT ID of the called user(s);

2) a "body" parameter of the SIP URI specified above containing an application/vnd.3gpp.mcptt-info MIME body with the <session-type> element set to "ambient-listening"; and

3) a Content-ID header field set to the "cid" URL;

the participating function:

1) if unable to process the request due to a lack of resources or a risk of congestion exists, may reject the SIP INVITE request with a SIP 500 (Server Internal Error) response. The participating MCPTT function may include a Retry-After header field to the SIP 500 (Server Internal Error) response as specified in IETF RFC 3261 [24] and shall not continue with the rest of the steps;

2) shall determine the MCPTT ID of the calling user from public user identity in the P-Asserted-Identity header field of the SIP REFER request;

3) if the participating MCPTT function cannot find a binding between the public user identity and an MCPTT ID or if the validity period of an existing binding has expired, then the participating MCPTT function shall reject the SIP REFER request with a SIP 404 (Not Found) response with the warning text set to "141 user unknown to the participating function" in a Warning header field as specified in subclause 4.4, and shall not continue with any of the remaining steps;

4) if the received SIP REFER request does not contain an application/resource-lists MIME body referenced by a "cid" URL in the Refer-To header field, shall reject the "SIP REFER request for pre-established session" with a SIP 403 (Forbidden) response including warning text set to "145 unable to determine called party" in a Warning header field as specified in subclause 4.4, and shall not continue with the rest of the steps;

5) if the received SIP REFER request contains an application/resource-lists MIME body referenced by a "cid" URL in the Refer-To header field with more than one <entry> element each with an application/vnd.3gpp.mcptt-info MIME body with the <session-type> element, shall reject the "SIP REFER request for pre-established session" with a SIP 403 (Forbidden) response including warning text set to "145 unable to determine called party" in a Warning header field as specified in subclause 4.4, and shall not continue with any of the remaining steps;

6) if the received SIP REFER request contains an application/resource-lists MIME body referenced by a "cid" URL in the Refer-To header field with only one <entry> element with an application/vnd.3gpp.mcptt-info MIME body with the <session-type> element not set to "ambient-listening", shall reject the "SIP REFER request for pre-established session" with a SIP 403 (Forbidden) response including warning text set to "145 unable to determine called party" in a Warning header field as specified in subclause 4.4, and shall not continue with any of the remaining steps;

7) if the <ambient-listening-type> element of the application/vnd.3gpp.mcptt-info+xml MIME body in the received SIP REFER request is set to a value of:

a) "remote-init" and an <allow-request-remote-initiated-ambient-listening> element of the <ruleset> element is not present in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) or is set to a value of "false"; or

b) "local-init" and an <allow-request-locally-initiated-ambient-listening> element of the <ruleset> element is not present in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) or is set to a value of "false";

then shall reject the "SIP REFER request for a pre-established session" with a SIP 403 (Forbidden) response, with warning text set to "154 The MCPTT user is not authorised to make an ambient listening call" in a Warning header field as specified in subclause 4.4, and shall not continue with the rest of the steps;

8) shall determine the public service identity of the controlling MCPTT function for the ambient listening call service associated with the originating user's MCPTT ID;

NOTE 1: How the participating MCPTT server discovers the public service identity of the controlling MCPTT function associated with the ambient listening call service of the calling user is out of scope of the current document.

9) if the participating MCPTT function is unable to identify the controlling MCPTT function for the ambient listening call service associated with the originating user's MCPTT ID, it shall reject the REFER request with a SIP 404 (Not Found) response with the warning text "142 unable to determine the controlling function" in a Warning header field as specified in subclause 4.4, and shall not continue with any of the remaining steps;

10) if the <allow-private-call> element of the <ruleset> element is not present in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) on the participating MCPTT function or is present with the value "false", indicating that the user identified by the MCPTT ID is not authorised to initiate private calls, shall reject the "SIP REFER request for pre-established session" with a SIP 403 (Forbidden) response to the SIP INVITE request, with warning text set to "107 user not authorised to make private calls" in a Warning header field as specified in subclause 4.4;

11) if the <PrivateCall> element exists in the MCPTT user profile document with one or more <entry> elements (see the MCPTT user profile document in 3GPP TS 24.484 [50]) and:

a) the "uri" attribute of each and every <entry> element of the application/resource-lists MIME body referenced by a "cid" URL in the Refer-To header field does not match with any of the <entry> elements of the <PrivateCall> element of the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]); and

b) if configuration is not set in the MCPTT user profile document (see the MCPTT user profile document in 3GPP TS 24.484 [50]) that allows the MCPTT user to make a private call to users not contained within the <entry> elements of the <PrivateCall> element;

then:

a) shall reject the "SIP INVITE request for originating participating MCPTT function" with a SIP 403 (Forbidden) response including warning text set to "144 user not authorised to call this particular user" in a Warning header field as specified in subclause 4.4 and shall not continue with the rest of the steps;

12) if the "SIP REFER request for a pre-established session" contained a Refer-Sub header field containing "false" value and a Supported header field containing "norefersub" value, shall handle the SIP REFER request as specified in 3GPP TS 24.229 [4], IETF RFC 3515 [25] as updated by IETF RFC 6665 [26], and IETF RFC 4488 [22] without establishing an implicit subscription;

13) shall generate a final SIP 200 (OK) response to the "SIP REFER request for a pre-established session" according to 3GPP TS 24.229 [4];

NOTE 2: In accordance with IETF RFC 4488 [22], the participating MCPTT function inserts the Refer-Sub header field containing the value "false" in the SIP 200 (OK) response to the SIP REFER request to indicate that it has not created an implicit subscription.

14) shall include in the SIP 200 (OK) response the g.3gpp.mcptt.ambient-listening-call-release feature-capability indicator as described in clause D.3 in the Feature-Caps header field according to IETF RFC 6809 [60];

NOTE 3: The originator of the ambient listening call is either the initiator of a "remote-init" ambient listening type call or the originator of a "local-init" ambient listening type call. In either case, the originating user is allowed to release the ambient listening call.

15) shall send the response to the "SIP REFER request for a pre-established session" towards the MCPTT client according to 3GPP TS 24.229 [4];

16) shall generate a SIP INVITE request as specified in subclause 6.3.2.1.4;

17) shall include a Priv-Answer-Mode header field set to a value of "Auto" in the outgoing SIP INVITE request;

18) shall set the Request-URI of the SIP INVITE request to the public service identity of the controlling MCPTT function hosting the ambient listening call service for the calling MCPTT user as determined above in step 7);

NOTE 4: The participating MCPTT function will leave verification of the Resource-Priority header field to the controlling MCPTT function.

18a) if, according to subclause 6.4, the SIP REFER request is regarded as being received with an implicit request to grant the floor to the initiating MCPTT client:

if:

a) the incoming SIP REFER request contained an application/vnd.3gpp.mcptt-location-info+xml MIME body with a <Report> element included in the <location-info> root element; and

b) the <allow-location-info-when-talking> element of the <ruleset> element of the MCPTT user profile document identified by the MCPTT ID of the calling MCPTT user (see the MCPTT user profile document in 3GPP TS 24.484 [50]) is set to a value of "true";

then shall copy the application/vnd.3gpp.mcptt-location-info+xml MIME body from the received SIP REFER request into the outgoing SIP INVITE request;

otherwise:

if:

a) the participating MCPTT function has available the location of the initiating MCPTT client; and

b) the <allow-location-info-when-talking> element of the <ruleset> element of the MCPTT user profile document identified by the MCPTT ID of the calling MCPTT user (see the MCPTT user profile document in 3GPP TS 24.484 [50]) is set to a value of "true";

then shall include an application/vnd.3gpp.mcptt-location-info+xml MIME body with a <Report> element included in the <location-info> root element; and

19) shall forward the SIP INVITE request according to 3GPP TS 24.229 [4].

Upon receiving SIP provisional responses for the SIP INVITE request the participating MCPTT function:

1) shall discard the received SIP responses without forwarding them.

Upon receiving a SIP 200 (OK) response for the SIP INVITE request the participating MCPTT function:

1) shall interact with the media plane as specified in 3GPP TS 24.380 [5].

Upon receipt of a SIP 4xx, 5xx or 6xx response to the above SIP INVITE request in step 21) the participating MCPTT function:

1) shall interact with the media plane as specified in 3GPP TS 24.380 [5].

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