



# **Enabler Test Specification for PoC**

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# 1. Scope

This document describes in detail available test cases for Enabler PoC V1.0 (<http://www.openmobilealliance.org>).

The test cases are split into two categories: conformance and interoperability test cases.

The conformance test cases are intended to verify the adherence to normative requirements described in the technical specifications.

The interoperability test cases are intended to verify that implementations of the specifications work satisfactorily.

If either conformance or interoperability tests do not exist at the creation of the test specification, this part should be marked not available.

## 2. References

### 2.1 Normative References

- [IOPPROC] “OMA Interoperability Policy and Process”, Version 1.1, Open Mobile Alliance™, OMA-IOP-Process-V1\_1, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)
- [ERELD] “Enabler Release Document for Push to Talk over Cellular Requirement”, Open Mobile Alliance™, OMA-ERELD-PoC-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-PoC-RD] “Push to Talk over Cellular Requirements”, Version 1.1, Open Mobile Alliance™, OMA-RD\_PoC-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-PoC-AD] “Push to Talk over Cellular Architecture”, Version 1.1, Open Mobile Alliance™, OMA-AD\_PoC-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-PoC-CP] “Push to Talk over Cellular Control Plane”, Version 1.1, Open Mobile Alliance™, OMA-CP\_PoC-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-PoC-UP] “Push to Talk over Cellular User Plane”, Version 1.1, Open Mobile Alliance™, OMA-UP\_PoC-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-GM] “Group Management Requirements/Architecture/Specifications”, Version 1.1, Open Mobile Alliance™, OMA-ERELD\_XDM-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-PR] “Presence Requirements/Architecture/Specifications”, Version 1.1, Open Mobile Alliance™, OMA-ERELD-Presence-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-DM] “Device Management/Architecture/Specifications”, Version 1.1, Open Mobile Alliance™, OMA-ERELD-SyncML\_DM-V1\_1, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-XDM-Spec] “XML Document Management (XDM) Specification”, Version 1.0, Open Mobile Alliance™, OMA-TS-XDM\_Core-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)
- [OMA-PoC-XDM] “PoC XDM Specification”, Version 1.0, Open Mobile Alliance™, OMA-TS-POC\_XDM-V1\_0, [www.openmobilealliance.org](http://www.openmobilealliance.org)

### 2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Open Mobile Alliance™. OMA-Dictionary, [www.openmobilealliance.org](http://www.openmobilealliance.org)

## 3. Terminology and Conventions

### 3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, are normative, unless they are explicitly indicated to be informative.

**Following test case numbering scheme is followed in the ETS for different Test Sections.**

Note: In following numbering scheme “int” stands for “Interoperability Test Cases”. For “Confirmatory Test Cases” “int” is replaced by “con”. E.g. Confirmatory test cases for registration will be “PoC-1.0-con-M-0100”.

Following is the definition of fields in the naming convention:

|   |   |                           |               |                      |
|---|---|---------------------------|---------------|----------------------|
| PoC-1.0                                     | Int/con                                     | M/O                       | 01            | 00                   |
| Specification Release (PoC Version) number. | Int – Interoperability<br>Con- Confirmatory | M-Mandatory<br>O-Optional | Test-category | Test Sequence number |

### 3.2 Definitions

|                              |   |
|------------------------------|---|
| <b>1-to-1 PoC Session</b>    | A feature to establish a PoC Session with another PoC User.   |
| <b>1-many-1 Session</b>      | A PoC Group Session for a Pre-Arranged PoC Group in which one Participant is a Distinguished Participant and each other Participant is an Ordinary Participant.   |
| <b>Access List: Accept</b>   | A user is considered invitees accepted member when the invitee's PoC User Access Policy document specifies that invitations from the Inviting PoC User are to be automatically accepted (I.e., the <allow-invite> action is set to the value "accept"). Note that for calls to be automatically accepted the invitee must also have the Answer Mode setting set to Automatic, otherwise calls will be answered in manual answer mode. |
| <b>Access List: Reject</b>   | A user is considered invitees Rejected member when the invitee's PoC User Access Policy document specifies that that invitations from the Inviting PoC User are to be rejected (I.e., the <allow-invite> action is set to the value "reject").  |
| <b>Access List: Pass</b>     | A user is considered invitees Pass member when the invitee's PoC User Access Policy document specifies that invitations from the Inviting PoC User are not to be rejected. (I.e., the <allow-invite> action is set to the value "pass"). Note that calls from an inviter with Pass will always be answered in Manual Answer mode.   |
| <b>Ad-Hoc PoC Group</b>      | A feature enabling a PoC User to establish a PoC Session with multiple PoC Users without first creating a PoC Group.  |
| <b>AnswerMode</b>            | Defines the incoming session answering mode. The options are Manual vs. Automatic.  |
| <b>Automatic Answer Mode</b> | A mode of operation where the PoC Client accepts the PoC Session invitations immediately and plays out the media as soon as it is received without requiring the intervention of the Invited PoC User.  |

|  |   |
|--|---|
| <b>AutoRelease</b>                             | Indicates whether a session is released when the initiator leaves the session. This is part of the Session Release Policy enforced at the PoC Server (applicable to Pre-Arranged PoC Group Sessions only).  |
| <b>Incoming PoC Session Barring</b>            | Incoming PoC Session Barring is a PoC service setting for the PoC Client that conveys the PoC User's desire for the PoC service to block all incoming PoC Session requests.   |
| <b>Incoming Instant Personal Alert Barring</b> | Incoming Instant Personal Alert Barring is a PoC service setting for the PoC Client that conveys the PoC User's desire for the PoC service to block all incoming Instant Personal Alerts.   |
| <b>Chat PoC Group</b>                          | Incoming Instant Personal Alert Barring is a PoC service setting for the PoC Client that conveys the PoC User's desire for the PoC service to block all incoming Instant Personal Alerts.   |
| <b>Chat PoC Group Session</b>                  | A PoC Session established for a Chat PoC Group.   |
| <b>Confirmed Indication</b>                    | The Confirmed Indication is returned by the PoC Server to confirm that it and all downstream elements are ready to receive media.   |
| <b>Contact List Group</b>                      | A list available to the PoC User containing the addresses of other PoC Users or PoC Groups. Group is a predefined set of PoC Users together with its attributes. The Group is used for easy PoC Session establishment and/or for defining PoC Session access policy. Each Group is identified by its SIP URI. |
| <b>Invited PoC Client</b>                      | The PoC Client who has been invited to a PoC Session.   |
| <b>Inviting PoC Client</b>                     | The PoC Client inviting other PoC User(s) to a PoC Session.   |
| <b>Manual Answer Mode</b>                      | A mode of operation where the PoC Client requires the PoC User to manually accept the PoC Session invitation before media is accepted and played.   |
| <b>Number of Remaining Participants</b>        | If the PoC Session has as many as or less than the specified number of Participants left, the PoC Server SHALL terminate the PoC Session. This is part of the Session Release Policy enforced at the PoC Server.  |
| <b>On-Demand Session</b>                       | A PoC Session set-up mechanism, where all media parameters are negotiated at the same time as the PoC Session is set-up.  |
| <b>PoC Button</b>                              | Hardware or software button used to request various PoC functions.  |
| <b>PoC Client</b>                              | A PoC functional entity on the PoC User equipment that supports the PoC service.  |
| <b>PoC Group</b>                               | A PoC Group is a predefined set of PoC Users together with its attributes.  |
| <b>PoC Server</b>                              | The PoC Server implements the application-level network functionality for the PoC service. The PoC Server may perform the role of the Controlling PoC Function and Participating PoC Function.  |
| <b>PoC Session</b>                             | A session established by 1-to-1 PoC, Ad-Hoc PoC Group, or Pre-Arranged PoC Group Session.   |
| <b>PoC User</b>                                | A user using the PoC service.   |
| <b>Pre-Arranged PoC Group</b>                  | A persistent group created for a PoC Group Session.   |
| <b>Pre-Established Session</b>                 | A signaling exchange to negotiate media parameters between the PoC Client and the home PoC Server before establishing a PoC Session.  |
| <b>ReleaseLastParty</b>                        | Indicates when a session is released. This is part of the Termination Policies which are enforced at the PoC Server.  |
| <b>Talk Burst</b>                              | The media recording, transport, and playback that occurs from the point the PoC Client has got the permission to send a media until the permission is released.   |

|                                    |  |
|------------------------------------|--|
| <b>Talk Burst Control</b>          | A control mechanism that arbitrates requests, from the PoC Clients, for the right to send media.   |
| <b>Talk Burst Control Protocol</b> | A protocol for performing Talk Burst Control.  |
| <b>Unconfirmed Indication</b>      | The indication of readiness by the PoC Server to receive media before the PoC Server has received confirmation from downstream elements of readiness to receive media. |
| <b>Unrestricted group</b>          | A Group that can be joined by any User.  |
| <b>User</b>                        | A human using the described features through the User Equipment.   |

### 3.3 Abbreviations

|      |   |
|------|---|
| AD   | Architecture Document                   |
| CDR  | Charging Data Record                    |
| IAB  | Incoming Instant Personal Alert Barring |
| ISB  | Incoming PoC Session Barring            |
| MAO  | Manual Answer Override                  |
| OMA  | Open Mobile Alliance                    |
| PoC  | Push to talk over Cellular              |
| RD   | Requirements Document                   |
| SIP  | Session Initiation Protocol             |
| URI  | Universal Resource Identifier           |
| XCAP | XML Configuration Access Protocol       |
| XDMS | XML Document Management Server          |
| XML  | Extensible Mark-up Language             |

### 3.4 Testing Policies

This section is intended to describe the testing policies used throughout the document.

For the PoC Client testing, the focus is on PoC User1 (from Company1) and PoC User2 (from Company2). As stated in the Enabler Test Plan, PoC User1, PoC User2, and the PoC Server MUST be from different vendors. PoC User3 (could be from Company1 or other than Company2) and PoC User4 (could be from Company2 or other than Company1) and greater are used for session establishment, observation of the session, and other non-focus roles and therefore do not have any vendor limitations.

Number-of-Remaining-Participants [0,1]:

- Indicates the threshold in terms of number of participants after which the server shall terminate the PoC Session. If a Pre-Arranged or Ad-Hoc PoC Group Session has as many as or less than the specified number of Participants left, the PoC Server SHALL release the PoC Session. This does not apply to Chat PoC Group Sessions.

AutoRelease [False|True]:

- Indicates if a Pre-Arranged PoC Group Session is released when the initiator leaves the session. This is enforced by the PoC Server as part of its Session Release Policies.

False:

- The PoC Server SHALL NOT remove the rest of the Participants from the Pre-Arranged PoC Group Session nor release the PoC Session when the originator leaves the PoC Session.

True:

- The PoC Server SHALL remove the rest of the Participants from the Pre-Arranged PoC Group Session and release the PoC Session when the originator leaves the PoC Session.

AnswerMode [Manual|Automatic]:

- Defines the incoming session answering mode. (Note: AnswerMode setting is applied when the inviter is “accepted” by the “allow-invite” action indicated by the Request-URI stored in the PoC XDMS as described in the [POC XDM Specification]. If the inviter is not “accepted” then the PoC Server defaults the session to Manual Answer regardless of the answer mode setting. The answer mode setting can be overridden by MAO (if authorized) or ISB settings.)

Manual:

- Incoming PoC Sessions must be manually accepted by the invitee before being connected to the session.

Automatic

- Incoming PoC Sessions from an inviter who is “accepted” are automatically accepted and the inviter is connected to the session without any user intervention required.

IncomingPoCSessionBarring (ISB) [False|True]:

- Setting which allows the PoC User to block all incoming PoC Session invitations. The ISB setting has no effect on incoming Instant Personal Alerts. (Note: ISB is enforced at the PoC Server.):

False: ISB is deactivated (incoming PoC calls will get through).

True: ISB is activated (incoming PoC calls will be blocked and declined).

IncomingInstantPersonalAlertBarring (IAB) [False|True]:

- Setting which allows the PoC User to block all incoming Instant Personal Alerts. (Note: Blocking is enforced at the PoC Server.):

False: IAB is deactivated (incoming Instant Personal Alerts will get through).

True: IAB is activated (incoming Instant Personal Alerts will be blocked and declined).

Session Max Length [value in seconds]:

- Defines the maximum allowable duration of a session in seconds after which the PoC Server will release as per the Session Release Policy. (Note: The standard does not define an upper limit.)

SIP/IP Core Re-Registration Timer:

- Defines the value of the re-registration timer in the SIP/IP Core. The value range may be vendor-specific; no additional information is available at this time.

Timers: Controlling PoC function:

- All timers set to default values according UserPlane document section 9 except
- Talk Burst Inactivity Timeout [value in seconds]: Defines the maximum allowable duration (in seconds) without a Talk Burst request before the PoC Server will release the session. (i.e., Timer T4 – Inactivity Timer - of the PoC User Plane Specification). (Note: The standard does not define an upper limit for this value so it will be vendor-specific.)

## 3.5 Testing Assumptions

For all test cases throughout the document, the following assumptions are valid unless stated otherwise. Therefore, these assumptions shall be seen as a part of the preconditions:

General:

- For any PoC User, there is no active session ongoing unless stated otherwise.
- Each PoC User has a valid SIP/IP Core subscription. The XDMS is capable of accessing the user-specific data.
- Each PoC User is registered in the SIP/IP Core system.
- Each Client is reachable.

The PoC Server executes the following policies:

- AutoRelease=True
- Number-of-Remaining-Participants = 0 (Note: This is the same as ReleaseLastParty=False.)
- Session Max Length = set to highest possible value allowable by the PoC Server (or disable this feature completely if the PoC Server has such a capability).
- Talk Burst Inactivity Timeout = set to highest possible value allowable by the PoC Server (or disable this feature completely if the PoC Server has such a capability).
- All sessions are to be responded to using the “Confirmed Indication”, unless otherwise specified.

SIP/IP Core executes the following policies:

- SIP/IP Core re-registration timer is set to 60 minutes or greater. (Note: This will help avoid erroneous failures in test cases verifying Unconfirmed Indication.)

Note: This combination was merely chosen to reduce the amount of description needed in the test cases. It must not be understood as a real set of static configuration parameters. There are situations where these combinations of policies are contradictory. These policy settings in combination with the changes specified for each test case are consistent, however.

Session timeouts and Talk Burst Inactivity Timeout are set very high to avoid interfering with the test case.

Invited PoC Users mentioned in the test cases are configured with the following basic settings; the following shall be the default settings unless otherwise specified.

For On-Demand Sessions:

- User has Incoming PoC Session Barring disabled (IncomingPoCSessionBarring (ISB) = False)
- User has Incoming Instant Personal Alert Barring disabled (IncomingInstantPersonalAlertBarring (IAB) = False)
- Access Lists (Access List: Accept, Access List: Reject, and Access List: Pass) are empty and have no entries
- Answer Mode = Manual Answer

For Pre-Established Sessions:

- User has Incoming PoC Session Barring disabled (IncomingPoCSessionBarring (ISB) = False)
- User has Incoming Instant Personal Alert Barring (IAB) mode disabled (InstantPersonalAlertBarring (IAB) = False)
- Access Lists (Access List: Accept, Access List: Reject, and Access List: Pass) are empty and have no entries
- Answer Mode = Manual Answer
- The PoC Server is configured to support Pre-Established Session procedures
- User has a Pre-Established Session capable terminal

User has successfully created a Pre-Established Session with the PoC Server (At registration time user has successfully established a Pre-Established Session with the PoC Server)

## 4. Introduction

The purpose of this document is to provide test cases for PoC Enabler Release V1.0.

The testcases are broking down in conformance and interoperability and thus sections are broking down in optional and mandatory. Mandatory testcases and Optional testcases must be executed if Optional features are implemented.



## 5. PoC Conformance Test Cases

### 5.1 Mandatory Test Cases

This section lists the steps needed for a mandatory test case.

#### 5.1.1 Client Conformance Test Cases

##### 5.1.1.1 Normal Flow

###### 5.1.1.1.1 SIP/IP Core Registration

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-con-M-0101  |
| Test Object             | PoC Client  |
| Test Case Description   | Verify that PoC User1 is able to register at the SIP/IP Core network. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC User1 is de-registered at the SIP/IP Core network.                |
| Test Procedure          | 1. PoC User1 initiates a registration.                                |
| Pass-Criteria           | 1. PoC User1 is registered with the SIP/IP Core.                      |

###### 5.1.1.1.2 SIP/IP Core Registration Failure

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-con-M-0102  |
| Test Object             | PoC Client, SIP/IP Core   |
| Test Case Description   | Verify that PoC User1 is not able to register at the SIP/IP Core network if the Digest response is incorrect. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC User1 is de-registered at the SIP/IP Core network.<br>PoC User1 is configured with an incorrect password. |
| Test Procedure          | 1. PoC User1 initiates registration.  |
| Pass-Criteria           | 1. The SIP/IP Core network rejects the registration attempt.  |

##### 5.1.1.2 Error Flow

###### 5.1.1.2.1 SIP/IP Core De-Registration

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-con-M-0103   |
| Test Object             | PoC Client, SIP/IP Core  |
| Test Case Description   | Verify that PoC User1 is able to de-register at the SIP/IP Core network. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |

|                |   |
|----------------|---|
| Tool           | Not available.  |
| Test Code      | Not available.  |
| Preconditions  | PoC User1 is registered at the SIP/IP Core network.         |
| Test Procedure | 1. PoC User1 initiates de-registration.                     |
| Pass-Criteria  | 1. PoC User1 is de-registered from the SIP/IP Core network. |

#### 5.1.1.2.2 SIP/IP Core Re-Registration

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-con-M-0104   |
| Test Object             |  |
| Test Case Description   | Verify that PoC User1 is able to re-register at the SIP/IP Core network. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           |  |
| Test Procedure          |  |
| Pass-Criteria           |  |

### 5.1.2 Server Conformance Test Cases

#### 5.1.2.1 Ad-Hoc PoC Group

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-con-M-0105  |
| Test Object             | PoC Server  |
| Test Case Description   | Verify that all PoC Server resources are released when the last Participant is disconnected from the session.     |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in an active Ad-Hoc Session.              |
| Test Procedure          | 1. PoC User2/3 hangs up.<br>2. PoC User1 hangs up.<br>3. Check that all resources are released on the PoC Server. |
| Pass-Criteria           | 1. PoC User1 is still in the session.<br>2. The session is released.<br>3. All resources are cleared.             |

#### 5.1.2.1.1 1-to-1 (On-Demand) PoC Session Released when Server Interconnection is Torn Down during Session Setup

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-con-M-0106 |
|--------------|--------------------|

|                         |   |
|-------------------------|---|
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify 1-to-1 (On-Demand) PoC Session is disconnected properly when PoC Server interconnection is disconnected during session setup.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC User1/2 are connected to two different PoC Servers that are themselves interconnected by a path that can be physically disconnected during the test in order to perform this test.</p> <p>(Note: If the above precondition is not possible given the testing configuration available, then this test cannot be run and should be skipped.)</p> <p>PoC Servers with active accounts for PoC User1/2.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a 1-to-1 PoC Session to PoC User2.</li> <li>2. The interconnection between the two PoC Servers is disconnected while PoC User2 is still being notified of the incoming PoC Session request.</li> <li>3. The connection between the PoC Servers is restored.</li> <li>4. PoC User1 initiates a 1-to-1 PoC Session to PoC User2 and requests the Right to Speak.</li> <li>5. PoC User2 manually accepts the invitation.</li> <li>6. PoC User1 talks.</li> <li>7. PoC User1 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User2 receives an Incoming PoC Session invitation from PoC User1 and is prompted to accept or reject the invitation. (The Id of PoC User1 is received by PoC User2.)</li> <li>2a. PoC User2 stops receiving the incoming PoC Session invitation.</li> <li>2b. PoC User1 receives a notification that his invitation was unsuccessful.</li> <li>3. PoC User2 receives an Incoming PoC Session invitation from PoC User1 and is prompted to accept or reject the invitation. (The Id of PoC User1 is received by PoC User2.)</li> <li>4. PoC User1 is notified that PoC User2 has accepted the invitation and PoC User1 is granted the Right to Speak.</li> <li>5. PoC User2 listens to PoC User1 talking and sees that PoC User1 is granted the Right to Speak.</li> <li>6. PoC User1/2 receive the Talk Burst Idle Notification.</li> </ol> |

**5.1.2.1.2 Connection between PoC Servers Torn Down During Session: Ad-Hoc PoC Group Session**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-con-M-0107     |
| Test Object  | PoC Client, PoC Server |

|                         |  |
|-------------------------|--|
| Test Case Description   | Verify that the event is detected; the involving entities release the relevant resources and transit to the initial state in this procedure. (Ad-Hoc PoC Group Session)  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User1/2 are in an active Ad-Hoc session.<br>PoC Server is able to disconnect from the network.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC Server disconnects from the network.</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC Server re-connects to the network (after 2b below).</li> <li>4. (OPTIONAL) PoC User2 requests the Right to Speak.</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>2a. PoC User1 does not receive Talk Burst Indication.</li> <li>2b. PoC User1 is disconnected from the session.</li> <li>4. (OPTIONAL) PoC User2 receives an indication that he is unable to connect to the session.</li> </ol>              |

### 5.1.2.1.3 Connection between PoC Servers Torn Down During Session: Pre-Arranged PoC Group Session

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-con-M-0108   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the event is detected; the involving entities release the relevant resources and transit to the initial state in this procedure. (Pre-Arranged PoC Group Session)  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User1/2 are in an active Pre-Arranged PoC Group session.<br>PoC Server is able to disconnect from the network.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC Server disconnects from the network.</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC Server re-connects to the network (after 2b below).</li> <li>4. (OPTIONAL) PoC User2 requests the Right to Speak.</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>2a. PoC User1 does not receive Talk Burst Indication.</li> <li>2b. PoC User1 is disconnected from the session.</li> <li>4. (OPTIONAL) PoC User2 receives an indication that he is unable to connect to the session.</li> </ol>              |

#### 5.1.2.1.4 PoC Client Mal-Function when Talk Burst is Granted

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-con-M-0109   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the event is detected, the involving entities release the relevant resources and transit to the initial state in this procedure. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | A test tool is needed to simulate all possible misbehaviors of the PoC Client. This is not testable by normal means.                         |
| Test Procedure          | Not available.   |
| Pass-Criteria           | Not available.   |

## 5.2 Optional Test Cases

## 6. PoC Interoperability Test Cases

### 6.1 Mandatory Test Cases

This section lists the steps needed for a mandatory test case.

#### 6.1.1 Non-Session Related Items

##### 6.1.1.1 Normal Flow

###### 6.1.1.1.1 SIP/IP Core Registration

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0101  |
| Test Object             | PoC Client  |
| Test Case Description   | Verify that PoC User1 is able to register at the SIP/IP Core network. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC User1 is de-registered at the SIP/IP Core network.                |
| Test Procedure          | 1. PoC User1 initiates a registration.                                |
| Pass-Criteria           | 1. PoC User1 is registered with the SIP/IP Core.                      |

###### 6.1.1.1.2 SIP/IP Core Network Registration Failure

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0102  |
| Test Object             | PoC Client, SIP/IP Core   |
| Test Case Description   | Verify that PoC User1 is not able to register at the SIP/IP Core network if the Digest response is incorrect. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC User1 is de-registered at the SIP/IP Core network.<br>PoC User1 is configured with an incorrect password. |
| Test Procedure          | 1. PoC User1 initiates registration.  |
| Pass-Criteria           | 1. The SIP/IP Core network rejects the registration attempt.  |

###### 6.1.1.1.3 SIP/IP Core De-Registration

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0103   |
| Test Object             | PoC Client, SIP/IP Core  |
| Test Case Description   | Verify that PoC User1 is able to de-register at the SIP/IP Core network. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |

|                |   |
|----------------|---|
| Test Code      | Not available.  |
| Preconditions  | PoC User1 is registered at the SIP/IP Core network.         |
| Test Procedure | 1. PoC User1 initiates de-registration.                     |
| Pass-Criteria  | 1. PoC User1 is de-registered from the SIP/IP Core network. |

#### 6.1.1.1.4 Client/Server Settings

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0104  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC User can select Manual Answer mode and that the PoC Server recognizes that request.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC Users as identified by the above list of test cases.<br>Tested concurrently with the following test cases: <ul style="list-style-type: none"> <li>• PoC-1.0-int-M-0201</li> <li>• PoC-1.0-int-M-0209</li> <li>• PoC-1.0-int-M-0401</li> </ul> |
| Test Procedure          | 1. PoC User1 sets or ensures AnswerMode = Manual.<br>2. One of the above test cases is executed.<br>3. PoC User1 accepts the call from PoC User2.   |
| Pass-Criteria           | 2. PoC User1 receives new session notification request from PoC User2.<br>3. PoC User1 listens to PoC User2 talking.  |

#### 6.1.1.1.5 Client/ Server User can Select ISB Again without an Error

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0106  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC User can select Incoming PoC Session Barring (Barring) again without an error.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User1 is set for Manual Answer.<br>Test case PoC-1.0-int-M-0106 has previously been run and passed. |
| Test Procedure          | 1. PoC User1 sets Barring to Enabled.<br>2. PoC User2 initiates a session to PoC User1.   |
| Pass-Criteria           | 1. PoC User1 does not show any error relating to Barring.<br>2. PoC User2 gets an indication that the session has been rejected.                            |

### 6.1.1.1.6 Client Access List effect on Answer Mode (Automatic Answer with Access List: Pass)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0110   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Manual Answer forced by Access List: Pass setting)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Automatic Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Pass<br>MAO is not in use  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 initiates a 1-to-1 PoC Session to PoC User2 and requests the Right to Speak.</li> <li>PoC User2 manually accepts the session invitation.</li> <li>PoC User1 starts talking.</li> <li>PoC User1 releases the Right to Speak.</li> <li>In order to verify that communication is possible both ways, PoC User2 requests the Right to Speak.</li> <li>PoC User2 talks.</li> <li>PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 receives an incoming PoC Session invitation from PoC User1 and is prompted to manually accept or reject the invitation. (The Id of PoC User1 is received by PoC User2.)</li> <li>PoC User1/2 are now in a PoC Session; PoC User1 is granted the Right to Speak.</li> <li>PoC User2 listens to PoC User1 talking.</li> <li>The Right to Speak is released by PoC User1 and both PoC Clients receive the Talk Burst Idle Notification.</li> <li>PoC User2 is granted the Right to Speak.</li> <li>PoC User1 sees that PoC User2 is granted the Right to Speak and can listen to PoC User2 talking.</li> <li>Both terminals receive the Talk Burst Idle Notification.</li> </ol> |

### 6.1.1.1.7 Client Access List effect on Answer Mode (Manual Answer with Access List: Pass)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0111   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Manual Answer forced by Access List: Pass setting) |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |



|                |   |
|----------------|---|
| Tool           | Not available.  |
| Test Code      | Not available.  |
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Pass</p> <p>MAO is not in use</p>   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a 1-to-1 PoC Session to PoC User2 and requests the Right to Speak.</li> <li>2. PoC User2 manually accepts the session invitation.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. In order to verify that communication is possible both ways, PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 talks.</li> <li>7. PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2 receives an incoming PoC Session invitation from PoC User1 and is prompted to manually accept or reject the invitation. (The Id of PoC User1 is received by PoC User2.)</li> <li>2. PoC User1/2 are now in a PoC Session; PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2 listens to PoC User1 talking.</li> <li>4. The Right to Speak is released by PoC User1 and both PoC Clients receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1 sees that PoC User2 is granted the Right to Speak and can listen to PoC User2 talking.</li> <li>7. Both terminals receive the Talk Burst Idle Notification.</li> </ol> |

### 6.1.1.2 Error Flow

#### 6.1.1.2.1 PoC Client/PoC Server PoC User can Select ISB Again without an Error

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0151  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | <p>Verify that the PoC User can select Incoming PoC Session Barring (Barring) again without an error.</p> <p>Verify that the PoC User can select ISB and it blocks incoming PoC Sessions but has no effect on outgoing PoC Sessions.</p> <p>Verify that the setting is retained after a power cycle.</p> <p>Verify that ISB can be enabled twice in a row without causing any problems.</p> |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2.</p> <p>PoC User1/2 set for Manual Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User1's Access List is setup such that PoC User2 is set for Access List: Accept</p> <p>PoC User1/2 have ISB set to false.</p> <p>Test case PoC-1.0-int-M-0150 has previously been run and passed.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 terminates the previous session with PoC User2 (unless the session has already timed out and been terminated by the PoC Server).</li> <li>2. PoC User2 sets ISB to True (i.e., ISB is Enabled).</li> <li>3. PoC User1 initiates a session to PoC User2.</li> <li>4. PoC User2 sets ISB to True (i.e., ISB is Enabled).</li> <li>5. PoC User1 initiates a session to PoC User2.</li> <li>6. PoC User2 initiates a session to PoC User1 and requests the Right to Speak.</li> <li>7. PoC User1 accepts the session request.</li> <li>8. PoC User2 terminates the session.</li> <li>9. PoC User2 power cycles his handset (PoC Client).</li> <li>10. PoC User1 initiates a session to PoC User2.</li> <li>11. PoC User2 sets ISB to False (i.e., ISB is Disabled).</li> <li>12. PoC User1 initiates a session to PoC User2.</li> <li>13. PoC User2 accepts the session.</li> <li>14. PoC User1 terminates the session.</li> </ol> |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User1/2 are no longer in a PoC Session.</li> <li>2. PoC User2 does not show any error related to setting ISB to true.</li> <li>3a. The PoC Server blocks the call to PoC User2 and PoC User2 shows no indication that PoC User1 attempted to initiate a session to him.</li> <li>3b. PoC User1 gets an indication that the session has been rejected.</li> <li>4. PoC User2 does not show any error relating to setting ISB to true (aside from any possible PoC Client warning notification that could notify the PoC User that he has reselected the same value).</li> <li>5a. The PoC Server blocks the call to PoC User2 and PoC User2 shows no indication that PoC User1 attempted to initiate a session to him.</li> <li>5b. PoC User1 gets an indication that the session has been rejected.</li> <li>6. PoC User1 gets an incoming PoC Session notification.</li> <li>7. PoC User2 is notified that the call is accepted and receives the Right to Speak Indication.</li> <li>8. PoC User1/2 are no longer in a PoC Session.</li> <li>10a. The PoC Server blocks the call to PoC User2 and PoC User2 shows no indication that PoC User1 attempted to initiate a session to him.</li> <li>10b. PoC User1 gets an indication that the session has been rejected.</li> <li>10c. PoC User2 does not show any error related to setting ISB to false.</li> <li>10d. PoC User2 receives an incoming PoC Session notification.</li> <li>10e. PoC User1/2 are now in a PoC Session and PoC User1 receives the Right to Speak Indication.</li> <li>10f. PoC User1/2 both show that the session has ended.</li> </ol> |
|---------------|--|

## 6.1.2 On-Demand 1-to-1 PoC Session Establishment (Manual Answer)

### 6.1.2.1 Normal Flow

#### 6.1.2.1.1 1-to-1 (On-Demand) PoC Session Establishment (Confirmed Indication/Manual Answer)

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0200  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | <p>Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Confirmed Indication/Manual Answer)</p> <p>Verify that Right to Speak is granted to the originating PoC Client at session establishment. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak.</p> |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</p>  |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a 1-to-1 PoC Session to PoC User2 and requests the Right to Speak.</li> <li>2. PoC User2 manually accepts the session invitation.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. In order to verify that communication is possible both ways, PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 talks.</li> <li>7. PoC User2 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2 receives an incoming PoC Session invitation from PoC User1 and is prompted to accept or reject the invitation. (The Id of PoC User1 is received by PoC User2.)</li> <li>2. PoC User1/2 are now in a PoC Session; PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2 listens to PoC User1 talking.</li> <li>4. The Right to Speak is released by PoC User1 and both PoC Clients receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1 sees that PoC User2 is granted the Right to Speak and can listen to PoC User2 talking.</li> <li>7. Both terminals receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.2.1.2 1-to-1 (On-Demand) PoC Session (Confirmed Indication/Automatic Answer)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0201   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Confirmed Indication/Automatic Answer) (Inviter is granted the Right to Speak after invitee’s PoC Client answers the call (Automatic Answer).)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2.</p> <p>PoC User2 is set to Automatic Answer.</p> <p>PoC User2’s Access List is setup such that PoC User1 is set for Access List: Accept</p> <p>PoC Server is capable of disabling Unconfirmed Indication feature (needed to use Confirmed Indication with Automatic Answer).</p> |

|                       |  |
|-----------------------|--|
| <p>Test Procedure</p> | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a 1-to-1 PoC Session to PoC User2 and requests the Right to Speak.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 releases the Right to Speak.</li> <li>4. In order to verify that communication is possible both ways, PoC User2 requests the Right to Speak.</li> <li>5. PoC User2 talks.</li> <li>6. PoC User2 releases the Right to Speak.</li> <li>7. PoC Users all release the session</li> <li>8. PoC User2 removes the battery from the handset without first powering it down (no deregistration message to go to the server(s))</li> <li>9. PoC User1 initiates a 1-1 Session to PoC User2 and requests the Right to Speak</li> <li>10. Wait up to 60 sec for the RFC 3261 T1 timer to expire (this will occur ~32 seconds from call initiation)</li> </ol>   |
| <p>Pass-Criteria</p>  | <ol style="list-style-type: none"> <li>1a. PoC User2 receives an Incoming PoC Session invitation from PoC User1 and is automatically connected to the session.</li> <li>1b. PoC User1 is granted the Right to Speak once PoC User2 is connected. (Note: This order of events may be difficult if not impossible to verify, especially since network and PoC Client delays will vary.)</li> <li>2. PoC User2 listens to PoC User1 talking.</li> <li>3. PoC User1 releases the Right to Speak and the both PoC Clients receive the Talk Burst Idle Notification.</li> <li>4. PoC User2 is granted the Right to Speak.</li> <li>5. PoC User1 sees that PoC User2 is granted the Right to Speak and can listen to PoC User2 talking.</li> <li>6. Both PoC Clients receive the Talk Burst Idle Notification.</li> <li>7. All users are released from the session</li> <li>9. PoC User1 is NOT granted the Right to Speak since PoC User2 is not available(battery removed) and this case was run using the "confirmed indication".</li> <li>10. The server terminates the session for User1 after the T1 timer expires</li> </ol> |

**6.1.2.1.3 1-to-1 (On-Demand) PoC Session – Add/Invite PoC User to the Session**

|                                |  |
|--------------------------------|--|
| <p>Test Case Id</p>            | <p>PoC-1.0-int-M-0202</p>  |
| <p>Test Object</p>             | <p>PoC Client, PoC Server</p>  |
| <p>Test Case Description</p>   | <p>Verify a PoC User can be added/invited to a 1-to-1 (On-Demand) PoC Session (effectively making it an Ad-Hoc PoC Group Session) and test various response possibilities.</p> |
| <p>Specification Reference</p> | <p>Refer to Appendix A.</p>  |
| <p>SCR Reference</p>           | <p>Refer to Appendix A.</p>  |
| <p>Tool</p>                    | <p>Not available.</p>  |
| <p>Test Code</p>               | <p>Not available.</p>  |

|                |   |
|----------------|---|
| Preconditions  | (Continuation of test case PoC-1.0-int-M-0200.)<br>PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept   |
| Test Procedure | (Continued from test case PoC-1.0-int-M-0200.)<br><ol style="list-style-type: none"> <li>1. PoC User2 requests the Right to Speak.</li> <li>2. PoC User2 talks.</li> <li>3. PoC User1 invites PoC User3 to join the session.</li> <li>4. PoC User3 ignores the invitation.</li> <li>5. PoC User1 invites PoC User3 to join the session once again.</li> <li>6. PoC User3 rejects the session invitation.</li> <li>7. PoC User1 invites PoC User3 to join the session yet again.</li> <li>8. PoC User3 accepts the invitation.</li> <li>9. PoC User2 releases the Right to Speak.</li> <li>10. PoC User3 requests the Right to Speak.</li> <li>11. PoC User3 talks.</li> <li>12. PoC User3 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2 is granted the Right to Speak.</li> <li>2. PoC User1 listens to PoC User2 talking and sees that he is granted the Right to Speak.</li> <li>3. PoC User3 receives an incoming PoC Session invitation from PoC User1 and is prompted to accept or reject the session.</li> <li>4. PoC User1 is notified that the session could not be established with PoC User3.</li> <li>5. PoC User3 receives an incoming PoC Session invitation from PoC User1 and is prompted to accept or reject the session.</li> <li>6. PoC User1 is notified that the session could not be established with PoC User3.</li> <li>7. PoC User3 receives an incoming PoC Session invitation from PoC User1 and is prompted to accept or reject the session.</li> <li>8a. PoC User1 is notified that PoC User3 has accepted the request and is now part of the session.</li> <li>8b. PoC User3 listens to PoC User2 talking and sees that PoC User2 is granted the Right to Speak.</li> <li>9. All PoC Users receive the Talk Burst Idle Notification.</li> <li>10. PoC User3 is granted the Right to Speak.</li> <li>11. PoC User1/2 listen to PoC User2 talking.</li> <li>12. PoC User1/2/3 all receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.2.1.4 1-to-1 (On-Demand) PoC Session Termination – Session Released when Initiator Leaves**

Note: The AutoRelease parameter should have no effect; according to Session Release Policy, a session is terminated once the initiator leaves the session.

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-M-0203 |
|--------------|--------------------|

|                         |   |
|-------------------------|---|
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the 1-to-1 (On-Demand) PoC Session is disconnected when the initiator terminates the session (independent of the value of AutoRelease; verify using AutoRelease=false). |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | (Continued from test case PoC-1.0-int-M-0200.)<br>Number-of-Remaining-Participants=0<br>AutoRelease = False   |
| Test Procedure          | 1. PoC User1 ends the session on his PoC Client.  |
| Pass-Criteria           | 1. The PoC Server tears down the session; therefore the session is ended for both PoC User1/2.  |

#### 6.1.2.1.5 1-to-1 (On-Demand) PoC Session Termination – Release Session when down to one Participant

Note: According to Session Release Policy, for 1-to-1 Sessions there is no need to set any variable as the call will always be disconnected if the originator leaves or if there is only one Participant left.

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0204  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the last Participant is disconnected from a 1-to-1 (On-Demand) PoC Session even if the value of Number-of-Remaining-Participants=0. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | (Continued from test case PoC-1.0-int-M-0200.)<br>Number-of-Remaining-Participants=0  |
| Test Procedure          | 1. PoC User2 hangs up.  |
| Pass-Criteria           | 1. The PoC Server tears down the session and both PoC User1/2 are disconnected from the session.  |

#### 6.1.2.1.6 Removing PoC Participant from 1-to-1 (On-Demand) PoC Session by Service Entity

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0205   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | PoC User in a 1-to-1 (On-Demand) Session can be removed by the service entity. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0200.                                  |

|                |   |
|----------------|---|
| Test Procedure | (Continued from test case PoC-1.0-int-M-0200.)<br>1. Instruct PoC Server to remove User2 from a session (as a Service entity should be able to do). |
| Pass-Criteria  | 1. Verify that PoC User2 is dropped from the session and subsequently so is User1 due to termination policies.                                      |

#### 6.1.2.1.7 PoC 1-to-1 (On Demand) Session Termination after Pre-Defined Time Period (session-max-length)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0206   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | PoC 1-to-1 (On-Demand) Session is terminated by the PoC Server after a pre-defined time defined by the “session max length” parameter.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Session max length=90 (90sec).<br>Talk Burst Inactivity Timeout = 200 (200sec) or disabled.<br>Continuation of test case PoC-1.0-int-M-0200, but with preconditions as specified here. |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0200.)<br>1. Time 90 seconds from when the session is first established with the first set of Participants.                                    |
| Pass-Criteria           | 1. Verify that the session is terminated by the PoC Server after 90 seconds and that all Participants are disconnected from the session.   |

#### 6.1.2.1.8 1-to-1 (On-Demand) PoC Session Termination after Pre-Defined Time Period of No Talk Burst

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0207  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | PoC 1-to-1 (On-Demand) Session termination after pre-defined time period of no Talk Burst.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Session max length=200 (200sec).<br>Talk Burst Inactivity Timeout=60sec.<br>Continuation of test case PoC-1.0-int-M-0200, but with preconditions as specified here. |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0200.)<br>1. Time 60 seconds from when the Right to Speak is released by the last PoC User.                                 |
| Pass-Criteria           | 1. Verify that the session is terminated by the PoC Server after 60 seconds and that all Participants are disconnected from the session.                            |



**6.1.2.1.9 1-to-1 PoC Session Initiation Attempt can be Successfully Cancelled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0208  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that a 1-to-1 PoC Session initiation attempt can be successfully cancelled.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User2's Access Lists is setup such that PoC User1 is set for Access List: Accept  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 initiates a 1-to-1 PoC Session to PoC User2.</li> <li>PoC User1 hangs up before PoC User2 answers the call.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 gets an indication of the incoming session. <ol style="list-style-type: none"> <li>PoC User2 sees the incoming session indication end.</li> <li>The session is terminated at both ends.</li> </ol> </li> </ol> |

**6.1.2.1.10 Remote Party not Reachable during a 1-to-1 (On-Demand) PoC Session Establishment Attempt**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0209  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify a notification about a remote party being not reachable during a 1-to-1 (On-Demand) PoC Session establishment attempt.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept<br>PoC User2 is registered but outside Radio Coverage (or battery removed). |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 initiates a session to PoC User2.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>After a short while (depends on timer setting), PoC User1 is notified that PoC User2 was unavailable and the session is terminated.</li> </ol>   |

**6.1.2.1.11 Unprovisioned Party during a 1-to-1 (On-Demand) PoC Session Establishment Attempt**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0210     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | Verify notification received for an unprovisioned party during a 1-to-1 (On-Demand) PoC Session establishment attempt.<br>Verify that Right to Speak is granted to the originating PoC Client at session establishment. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with an active account for PoC User1.<br>PoC User1 has the ability to enter an invitation recipient address manually.  |
| Test Procedure          | 1. PoC User1 initiates a session to an invalid/unprovisioned PoC User.  |
| Pass-Criteria           | 1. PoC User1 gets an indication that the session could not be established with the invited PoC User.  |

#### 6.1.2.1.12 Non-Registered Party during a 1-to-1 (On-Demand) PoC Session Establishment Attempt

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0211   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify notification received for a non-registered party during a 1-to-1(On-Demand) PoC Session establishment attempt.<br>Verify that Right to Speak is granted to the originating PoC Client at session establishment. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with an active account for PoC User1.<br>PoC User1 has the ability to enter an invitation recipient address manually.<br>PoC User2 is provisioned but not presently registered with the PoC Server (powered off should work).   |
| Test Procedure          | 1. PoC User1 initiates a session with PoC User2.   |
| Pass-Criteria           | 1. PoC User1 gets an indication that PoC User2 is not available.   |

#### 6.1.2.1.13 Remote Party REJECT Received during a 1-to-1 (On-Demand) PoC Session Establishment Attempt

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0212   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that an indication of a remote party REJECT is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.<br>Verify that Right to Speak is not granted or rejected to the originating PoC Client at session establishment. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |

|                |   |
|----------------|---|
| Tool           | Not available.  |
| Test Code      | Not available.  |
| Preconditions  | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept                               |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 initiates a session to PoC User2.</li> <li>PoC User2 rejects the incoming session.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User2 is prompted to answer the incoming PoC Session.</li> <li>PoC User1 gets an indication that the session could not be established with PoC User2.</li> </ol> |

#### 6.1.2.1.14 Remote Party not Answering during a 1-to-1 (On-Demand) PoC Session Establishment Attempt

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0213   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that a notification about a remote party not answering when a session invitation is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 initiates a session to PoC User2.</li> <li>PoC User2 ignores the session initiation.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 gets an indication of the incoming session.</li> <li> <ol style="list-style-type: none"> <li>After some time (depends on timer setting) PoC User1 gets an indication that the session could not be established with PoC User2.</li> <li>PoC User2 stops seeing the incoming session request.</li> </ol> </li> </ol> |

#### 6.1.2.1.15 1-to-1 (On-Demand) PoC Session Establishment Attempt where Remote Party has ISB Enabled

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0214   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify ISB and that a notification about the remote party setting is received during a 1-to-1 (On-Demand) PoC Session establishment attempt. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept<br>ISB=False   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2.</li> <li>2. PoC User2 rejects the session invitation.</li> <li>3. PoC User2 sets ISB = True.</li> <li>4. Wait sufficient time (depends on network and PoC Server) for ISB setting to propagate through the system.</li> <li>5. PoC User1 initiates a session to PoC User2.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2 is prompted to accept or decline the incoming PoC invitation.</li> <li>2. PoC User1 gets an indication that the session could not be established with PoC User2.</li> <li>5a. PoC User1 gets an indication that the session could not be established with PoC User2.</li> <li>5b. PoC User2 does not show an indication for the second session initiation request as it was rejected by the PoC Server without notice to PoC User2.</li> </ol> |

**6.1.2.1.16 1-to-1 (On-Demand) PoC Session Invitation Rejected and Notification received by Calling Party**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0215  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that a 1-to-1 (On-Demand) PoC Session invitation is rejected when the initiator is on the invitee's Access List such that he is set for Access List: Reject and that notification is received by the calling party. (Ensure access policy overrides any MAO logic)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User1/2 and PoC Server support MAO (Note: that if these are not supported, the test case should still be run ignoring the parts about MAO).<br>PoC User2 is set to Manual Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Reject<br>PoC User2 does not prohibit MAO attempts from PoC User1 |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2, with MAO enabled.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User1 is notified that the session could not be established with PoC User2 (his session invitation is rejected by the PoC Server).</li> <li>1b. PoC User2 does not receive any indication of the session attempt since the session is rejected by the PoC Server.</li> </ol>   |

### 6.1.3 On-Demand Ad-Hoc PoC Group Session

#### 6.1.3.1 Normal Flow

##### 6.1.3.1.1 Ad-Hoc PoC Group (On-Demand) Session Establishment Invitation Functionality (Manual Answer/Confirmed Indication)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0220   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | <p>Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Manual Answer/Confirmed Indication)</p> <p>Verify that Right to Speak is granted to the originating PoC Client at session establishment. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak.</p>   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server has active account for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3.</li> <li>2. PoC User2 accepts the invitation.</li> <li>3. PoC User1 starts talking and continues to talk.</li> <li>4. PoC User3 accepts the invitation.</li> <li>5. PoC User1 releases the Right to Speak.</li> <li>6. PoC User3 requests the Right to Speak.</li> <li>7. PoC User3 talks.</li> <li>8. PoC User3 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User2/3 gets an indication that they are being invited to a session by PoC User1. (PoC User1's Id is received by both PoC User2/3.)</li> <li>2. PoC User1 gets an indication that at least one other PoC User is now in the session and PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2 sees that PoC User1 is granted the Right to Speak and listens to PoC User1 talking (listens to conversation from the point where he entered the session).</li> <li>4. PoC User3 is joined to the session and listens to PoC User1 talking.</li> <li>5. All PoC Users receive the Talk Burst Idle Notification.</li> <li>6. PoC User3 is granted the Right to Speak.</li> <li>7. PoC User1/2 listen to PoC User3 talking.</li> <li>8. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

##### 6.1.3.1.2 Ad-Hoc PoC Group (On-Demand) Session Establishment Invitation Functionality (Automatic Answer/Confirmed Indication)

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-M-0221 |
|--------------|--------------------|

|                         |   |
|-------------------------|---|
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Automatic Answer/Confirmed Indication)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC Server is capable of disabling Unconfirmed Indication feature (needed to use Confirmed Indication with Automatic Answer).</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 releases the Right to Speak.</li> <li>4. PoC User2 requests the Right to Speak.</li> <li>5. PoC User2 starts talking.</li> <li>6. PoC User2 releases the Right to Speak.</li> <li>7. All PoC Users leave the PoC call.</li> <li>8. PoC User2/3 remove their battery without first turning off the handset (no deregistration message is to be sent to the server(s)).</li> <li>9. PoC User1 initiates a session to PoC User2/3 and requests the Right to Speak</li> <li>10. Wait up to 60 sec for the RFC 3261 T1 timer to expire (this will occur ~32 seconds from call initiation)</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2/3 automatically accept the invitation and the Group Session is successfully established and PoC User2/3.</li> <li>1b. PoC User1 gets an indication when at least one other PoC User accepts the invitation and is granted the Right to Speak after the first answer is received.</li> <li>2. PoC User2/3 listen to PoC User1 as each connection is established.</li> <li>3. All PoC Users receive the Talk Burst Idle Notification.</li> <li>4. PoC User2 is granted the Right to Speak.</li> <li>5. PoC User1/3 see that PoC User2 is granted the Right to Speak and listen to PoC User2 talking.</li> <li>6. All PoC Users receive the Talk Burst Idle Notification.</li> <li>7. All PoC Users are disconnected from the Session.</li> <li>9. PoC User1 is NOT granted the Right to Speak since PoC User2/3 is not available (battery removed) and this case was run with the "confirmed indication".</li> <li>10. The server terminates the session for User1 after the T1 timer expires</li> </ol> |

**6.1.3.1.3 Ad-Hoc PoC Group (On-Demand) Session Establishment – Invitation Functionality (Mixed Answer Modes)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0222  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – mixed answer modes.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server has active account for PoC User1/2/3.<br>PoC User2 is set to Manual Answer.<br>PoC User3 set for Automatic Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User2 accepts the invitation.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User3 automatically accepts the invitation and then PoC User1 is granted the Right to Speak.</li> <li>1b. PoC User1 gets indication that at least one PoC User has accepted the invitation.</li> <li>1c. PoC User2 receives the invitation and is prompted to accept or decline the invitation by PoC User1.</li> <li>2. PoC User3 listens to PoC User1 talking.</li> <li>3. PoC User2 begins to listen to PoC User1 talking.</li> <li>4. All PoC Users receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1/3 listen to PoC User2 talking.</li> <li>7. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.4 Re-Joining Ad-Hoc PoC Group (On-Demand) Session**

|                       |  |
|-----------------------|--|
| Test Case Id          | PoC-1.0-int-M-0223   |
| Test Object           | PoC Client, PoC Server   |
| Test Case Description | Verify implicit Talk Burst Control, Right to Speak, request (INVITE) when re-joining an Ad-Hoc PoC Group Session, Talk Burst Control indicates idle - > Talk Burst granted.<br><br>Verify that Right to Speak is granted to the re-joining PoC Client. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak. |



|                         |   |
|-------------------------|---|
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | (Continuation of test case PoC-1.0-int-M-0220.)<br>PoC User2 has a way of attempting to join an existing Ad-Hoc PoC Group Session for which he previously received an invitation (requires the Session Id to be saved).   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 hangs-up and PoC User1/3 continue to talk to one another.</li> <li>2. PoC User2 initiates a PoC call to the previous Ad-Hoc PoC Group Session from which he hung up. (This is a re-join attempt.)</li> <li>3. PoC User1/3 (whichever is granted the Right to Speak, if any) release the Right to Speak.</li> <li>4. PoC User2 requests the Right to Speak.</li> <li>5. PoC User2 starts talking.</li> <li>6. PoC User2 stops talking and releases the Right to Speak.</li> <li>7. PoC User2 hangs-up from the call. &lt;?xml:namespace prefix = o ns = "urn:schemas-microsoft-com:office:office" /&gt;</li> <li>8. PoC User2 initiates a PoC call the the previous Ad-HOC PoC group Session from which he hung-up. (while no one has the Right to Speak)</li> <li>9. PoC User2 speaks for a few seconds</li> <li>10. PoC User2 releases the Right to Speak</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. The PoC Server connects PoC User2 back into the session.</li> <li>2. PoC User2 listens to PoC User1/3 talking.</li> <li>3. All PoC Users receive the Talk Burst Idle Notification.</li> <li>4. PoC User2 is granted the Right to Speak.</li> <li>5. PoC User1/3 listen to PoC User2 talking.</li> <li>6. All PoC Users receive the Talk Burst Idle Notification.</li> <li>7. PoC User2 stops talking and releases the Right to Speak.</li> <li>8a. The PoC Server connects PoC User2 back into the session.</li> <li>8b. The PoC Server grants PoC User2 the Right to Speak.</li> <li>9. PoC Users1/3 listen to PoC User2 talking.</li> <li>10. All PoC Users receive the Talk Burst Idle Notification.</li> </ol>  |

**6.1.3.1.5 Ad-Hoc PoC Group (On-Demand) Session Participant Invites a PoC User to Re-Join**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0224  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Ad-Hoc Participant invites PoC User so that he may re-join an ongoing Ad-Hoc PoC Group (On-Demand) Session. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |



|                |   |
|----------------|---|
| Preconditions  | (Continuation of test case PoC-1.0-int-M-0220.)<br>PoC User2's Access List is setup such that PoC User3 is set for Access List: Accept<br>PoC User2 is set to Manual Answer.  |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User2 hangs-up.</li> <li>PoC User3 attempts to add PoC User2 to the session via an invite.</li> <li>PoC User2 accepts invitation.</li> <li>PoC User2 requests the Right to Speak.</li> <li>PoC User2 starts talking.</li> <li>PoC User2 stops talking and releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User2 is disconnected from the session.</li> <li>PoC User2 receives an invitation.</li> <li>PoC User3 gets an indication that PoC User2 has accepted the invitation.</li> <li>PoC User2 is granted the Right to Speak.</li> <li>PoC User1/3 listen to PoC User2 talking.</li> <li>All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

#### 6.1.3.1.6 Session is Disconnected when Initiator Leaves the Ad-Hoc PoC Group (On-Demand) Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0225  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the session is disconnected when the initiator leaves the Ad-Hoc PoC Group (On-Demand) Session, regardless of the value of AutoRelease. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | (Continued from test case PoC-1.0-int-M-0220.)<br>AutoRelease = False   |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 hangs up.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>The session is terminated at all ends.</li> </ol>  |

#### 6.1.3.1.7 Last Participant is Disconnected from the Ad-Hoc PoC Group (On-Demand) Session

Note: The Session Release Policy releases the session once there is one or zero parties left, regardless of the value of Number-of-Remaining-Participants.

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0226   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the last Participant is disconnected from the Ad-Hoc PoC Group (On-Demand) Session (Number-of-Remaining-Participants=1).<br>(Note: The initiator must not be dropped, as this would cause the test to drop due to a different Session Release Policy.) |
| Specification Reference | Refer to Appendix A.   |

|                |   |
|----------------|---|
| SCR Reference  | Refer to Appendix A.  |
| Tool           | Not available.  |
| Test Code      | Not available.  |
| Preconditions  | (Continued from test case PoC-1.0-int-M-0220.)<br>Number-of-Remaining-Participants=1  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User2 disconnects from the session.</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC User1 talks and continues talking.</li> <li>4. PoC User3 disconnects from the session.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User1/3 remain in the session and PoC User2 has been disconnected.</li> <li>2. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>4. The Right to Speak is revoked from PoC User1 and the session is terminated by the PoC Server (since there was only one Participant left after PoC User3 left the call).</li> </ol> |

**6.1.3.1.8 Terminate an Ad-Hoc PoC Group (On-Demand) Session when a Single Participant is left in the Session**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0227  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | <p>Verify that the last Participant (not the session initiator) is not disconnected from an Ad-Hoc PoC Group (On-Demand) Session (Number-of-Remaining-Participants=0).</p> <p>(Note: The initiator must not be dropped, as this would cause the test to drop due to a different Session Release Policy.)</p>                            |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | (Continued from test case PoC-1.0-int-M-0220.)<br>Number-of-Remaining-Participants=0  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 disconnects from the session.</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC User1 talks.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User3 disconnects from the session.</li> <li>6. PoC User1 disconnects from the session.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User1/3 remain in the session and PoC User2 has been disconnected.</li> <li>2. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>4. PoC User1/3 receive the Talk Burst Idle Notification.</li> <li>5. PoC User1 remains in the session even though there are no other Participants.</li> <li>6. PoC User1 is disconnected from the session.</li> </ol> |
|---------------|---|

**6.1.3.1.9 Removing PoC Participant from Ad-Hoc PoC Group (On-Demand) Session by Service Entity**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0228   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | PoC User in Ad-Hoc PoC Group (On-Demand) Session can be removed by the service entity.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0220.  |
| Test Procedure          | <p>(Continued from test case PoC-1.0-int-M-0220.)</p> <ol style="list-style-type: none"> <li>1. Instruct PoC Server to remove User2 from the session (as a Service entity should be able to do).</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC User1 talks.</li> <li>4. PoC User1 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <p>Test case PoC-1.0-int-M-0220.</p> <ol style="list-style-type: none"> <li>1a. Verify that PoC User2 is dropped from the session.</li> <li>1b. Verify that PoC User1/3 remain in the session.</li> <li>2. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User3 listens to PoC User1 talk and sees that he is granted the Right to Speak.</li> <li>4. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.10 Ad-Hoc PoC Group (On Demand) Session Termination after Pre-Defined Time Period (session-max-length)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0229   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Ad-Hoc PoC Group (On-Demand) Session is terminated by the PoC Server after a pre-defined time defined by the “session max length” parameter. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | Session max length=90 (90sec).<br>Talk Burst Inactivity Timeout = 200 (200sec) or disabled.<br>Continuation of test case PoC-1.0-int-M-0220, but with preconditions as specified here. |
| Test Procedure | (Continued from test case PoC-1.0-int-M-0220.)<br>1. Time 90 seconds from when the session is first established with the first set of Participants.                                    |
| Pass-Criteria  | 1. Verify that the session is terminated by the PoC Server after 90 seconds and that all Participants are disconnected from the session.   |

#### 6.1.3.1.11 Ad-Hoc PoC Group (On-Demand) Session Termination after Pre-Defined Time Period of No Talk Burst

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0230  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Ad-Hoc PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Session max length=200 (200sec).<br>Talk Burst Inactivity Timeout=60sec.<br>Continuation of test case PoC-1.0-int-M-0220, but with preconditions as specified here. |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0220.)<br>1. Time 60 seconds when the Right to Speak is released by the last PoC User.                                      |
| Pass-Criteria           | 1. Verify that the session is terminated by the PoC Server after 60 seconds and that all Participants are disconnected from the session.                            |

#### 6.1.3.1.12 Reject (Re-)Joining Request if Maximum Number of Participants is Reached and Inform (Re-) Joining PoC User: Ad-Hoc PoC Group (On-Demand) Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0231  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | To verify that (re-)joining request is rejected if maximum number of Participants is reached and (re-) joining PoC User is informed. (Ad-Hoc PoC Group (On-Demand) Session) |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server has active account for PoC User1/2/3/4.<br/>                 PoC User2/3/4 set to Manual Answer.<br/>                 Service Provider has configured the maximum number of Participants in an Ad-Hoc PoC Group Session as 3.<br/>                 PoC User2 has a way of attempting to re-join an Ad-Hoc PoC Group Session.<br/>                 PoC User1 has a way to add additional PoC Users to an ongoing Ad-Hoc PoC Group Session.</p>   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3.</li> <li>2. PoC User2/3 accept the invitation.</li> <li>3. PoC User2 drops from the call.</li> <li>4. PoC User1 now invites User4 to join the Ad-Hoc PoC Group Session.</li> <li>5. PoC User4 accepts the invitation.</li> <li>6. PoC User2 attempts to re-join the Ad-Hoc PoC Group Session.</li> <li>7. PoC User3 drops from the call.</li> <li>8. PoC User2 attempts to re-join the Ad-Hoc PoC Group Session.</li> <li>9. PoC User2 requests the Right to Speak.</li> <li>10. PoC User2 talks.</li> <li>11. PoC User2 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3 get an indication that they are being invited to a session by PoC User1. (PoC User1's Id is received by PoC User2/3.)</li> <li>2. PoC User1 gets an indication that at least one other user has accepted the invitation and joined into the session.</li> <li>3. PoC User3 successfully disconnects from the session.</li> <li>4. PoC User4 gets an indication that he is being invited to an Ad-Hoc PoC Group Session by PoC User1.</li> <li>5. All PoC Users receive the Talk Burst Idle Notification, and PoC User1 is notified that PoC User4 has been successfully connected to the session.</li> <li>6a. PoC User2 is notified that his attempt to re-join has been rejected (due to the maximum number of Participants having been exceeded).</li> <li>6b. PoC User1/3/4 are unaffected by PoC User2's re-join attempt.</li> <li>7. PoC User3 is successfully disconnected from the session.</li> <li>8. PoC User2 is connected to the ongoing Ad-Hoc PoC Group Session by the PoC Server.</li> <li>9. PoC User2 is granted the Right to Speak.</li> <li>10. PoC User1/4 listen to PoC User2 and see that PoC User2 is granted the Right to Speak.</li> <li>11. PoC User1/2/4 all receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.13 Reject Joining Request if Session is Closed/or does not Exist/is Terminated and Inform (Re-)Joining PoC User: Ad-Hoc PoC Group (On-Demand) Session**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0232     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | To verify that the (re-)joining PoC User's session request is rejected if the session is closed/or does not exist/is terminated and the PoC User receives an error message. (Ad-Hoc PoC Group (On-Demand) Session)  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server has active account for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2 has a way of attempting to join an existing Ad-Hoc PoC Group Session for which he previously received an invitation.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User2 accepts the invitation.</li> <li>3. PoC User1 starts talking and continues to talk.</li> <li>4. PoC User3 accepts the invitation.</li> <li>5. PoC User2 hangs up and PoC User1/3 continue to talk to one another.</li> <li>6. PoC User1 hangs up.</li> <li>7. PoC User2 initiates a PoC call to the previous Ad-Hoc PoC Group Session that he/she hung up from. (This is a re-join attempt.)</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User2/3 get an indication that they are being invited to a session by PoC User1. (PoC User1's Id is received by both PoC User2/3.)</li> <li>2a. PoC User1 gets an indication that at least one PoC User has accepted the invitation.</li> <li>2b. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2 sees that PoC User1 is granted the Right to Speak and listens to PoC User1 talking.</li> <li>4. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>5. PoC User2 is disconnected from the session.</li> <li>6. Session is terminated for all PoC Users (initiator has left the call).</li> <li>7. PoC User2 is informed that his request has been rejected.</li> </ol> |

#### 6.1.3.1.14 Reject if not Re-Joining the same Ad-Hoc PoC Group (On-Demand) Session

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0233   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | To verify that the (re-)joining PoC User's session request is rejected and the PoC User receives an error message if not re-joining same Ad-Hoc PoC Group (On-Demand) Session. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server has active account for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User2 has a way of attempting to join an existing Ad-Hoc PoC Group Session for which he previously received an invitation.</p> <p>PoC User2 has a way to manipulate the Session Id.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3.</li> <li>2. PoC User2 accepts the invitation.</li> <li>3. PoC User1 starts talking and continues to talk.</li> <li>4. PoC User3 accepts the invitation.</li> <li>5. PoC User2 hangs up and PoC User1/3 continue to talk to one another.</li> <li>6. PoC User2 initiates a PoC call to the previous Ad-Hoc PoC Group Session which he/she hung up from but uses the wrong Session Id (this is a re-join attempt).</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3 get an indication that they are being invited to a session by PoC User1. (PoC User1's Id is received by both PoC User2/3.)</li> <li>2a. PoC User1 gets an indication that at least one PoC User has accepted the invitation.</li> <li>2b. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2 sees that PoC User1 is granted the Right to Speak and listens to PoC User1 talking.</li> <li>4. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>5. PoC User2 is disconnected from the session.</li> <li>6. PoC User2 is informed that his request has been rejected.</li> </ol> |

**6.1.3.1.15 Reject Invitation Request if Maximum Number of Participants is Reached: Ad-Hoc PoC Group (On-Demand) Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0234   |
| Test Object             | PoC Server, PoC Client   |
| Test Case Description   | To verify that the inviting PoC User's Ad-Hoc PoC Group (On-Demand) Session invitation is rejected and the inviting PoC User receives an error message if maximum number of Participants is reached.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.</p> <p>User1/2/3 are registered.</p> <p>PoC User2/3 set to Automatic Answer.</p> <p>Service Provider has configured the maximum number of Participants in an Ad-Hoc PoC Group Session as 2.</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User1 is notified that his session establishment attempt has failed ( PoC Server rejects the session because he has exceeded the maximum number of allowed Participants).</li> </ol>             |

### 6.1.3.1.16 Ad-Hoc PoC Group (On-Demand) Session Establishment Functionality (Manual-Answer, Non-Registered PoC User)

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0235  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality. (Manual Answer, one non-registered PoC User)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br>PoC User2 is not registered.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User3 accepts the invitation.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User1 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User3 receives the invitation to the Ad-Hoc PoC Group Session and shows the inviter's Id.</li> <li>2a. PoC User1 gets an indication that at least one PoC User has accepted the invitation and PoC User1 is granted the Right to Speak.</li> <li>2b. PoC User2 does not receive an invitation to the session since he is not presently registered.</li> <li>3. PoC User3 listens to PoC User1 talking.</li> <li>4. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

### 6.1.3.1.17 Ad-Hoc PoC Group (On-Demand) Session Establishment Functionality, Session Rejected

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0236   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality; session rejected by one PoC User.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept |



|                |   |
|----------------|---|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User2 rejects the invitation.</li> <li>3. PoC User3 accepts the invitation.</li> <li>4. PoC User1 starts talking.</li> <li>5. PoC User1 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3 receives the invitation.</li> <li>2. PoC User2 is not connected to the session.</li> <li>3. PoC User1 gets an indication that at least one PoC User accepted the invitation and is granted the Right to Speak.</li> <li>4. PoC User3 listens to PoC User1 talking.</li> <li>5. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.18 Establishing an Ad-Hoc PoC Group (On-Demand) Session where Some Users are Out of Radio Coverage**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0237  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Establish Ad-Hoc PoC Group (On-Demand) Session where some PoC Users accept a session invitation and the others are out of Radio Coverage.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User2 is unreachable (i.e., registered but outside of Radio Coverage or battery removal).</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User3 accepts the invitation.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User1 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User3 receives the invitation.</li> <li>2a. PoC User1 gets an indication that at least one PoC User has accepted the invitation and PoC User1 is granted the Right to Speak.</li> <li>2b. PoC User2 is not connected into the session.</li> <li>3. PoC User3 listens to PoC User1 talking.</li> <li>4. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.19 Notifications upon Establishing an Ad-Hoc PoC Group (On-Demand) Session where Some PoC Users Accept and Others Reject the Invitation**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0238     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | Notification when some remote Participants accept an invitation to an Ad-Hoc PoC Group (On-Demand) Session and others do not exist.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2.</p> <p>PoC User1 has the ability to enter non-existent PoC User Ids when initiating Ad-Hoc PoC Group Sessions.</p> <p>NOTE: If PoC client does not have ability to enter non-existent PoC User-IDs then this test may be SKIPPED.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User3 account does not exist.</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User2 accepts invitation.</li> <li>3. PoC User1 starts talking.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User2 receives the invitation.</li> <li>2a. PoC User1 gets an indication that at least one PoC User accepted the invitation and is granted the Right to Speak.</li> <li>2b. PoC User3 is not connected to the session.</li> <li>3. PoC User2 listens to PoC User1 talking.</li> </ol>   |

#### 6.1.3.1.20 Establishing and Adding PoC Users to an Ad-Hoc PoC Group (On-Demand) Session where PoC Users Accept, Ignore, or Reject the Invitations

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0239   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the initiating party gets a notification when some remote Participants accept an invitation to an Ad-Hoc PoC Group (On-Demand) Session and others ignore the invitation. (Incorporates XDM enabler capabilities – notification of results for added PoC Users (accepted, rejected, no answer, Access List: Reject)). |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User2 has the ability to modify his Access List during a session.</p>   |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"><li>1. PoC User1 initiates a session to PoC User2/3 and requests the Right to Speak.</li><li>2. PoC User3 accepts the session.</li><li>3. PoC User2 ignores the session.</li><li>4. PoC User1 starts talking.</li><li>5. PoC User1 stops talking and releases the Right to Speak.</li><li>6. PoC User1 invites (adds) PoC User2 to the session once again.</li><li>7. PoC User2 manually rejects the session invitation.</li><li>8. PoC User1 invites (adds) PoC User2 to the session once again.</li><li>9. PoC User2 accepts the session invitation.</li><li>10. PoC User2 requests the Right to Speak.</li><li>11. PoC User2 talks for a few seconds and then releases the Right to Speak.</li><li>12. PoC User2 drops off of the call.</li><li>13. PoC User2 reconfigures his Access List such that PoC User1 is now set for Access List: Accept rather than for Access List: Reject.</li><li>14. PoC User3 requests the Right to Speak.</li><li>15. PoC User3 talks.</li><li>16. PoC User1 invites (adds) PoC User2 to the session once again.</li><li>17. PoC User3 stops talking and releases the Right to Speak.</li></ol> |
|----------------|--|

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2/3 receives the invitation.</li> <li>2. PoC User1 gets an indication that at least one PoC User has accepted the invitation and is granted the Right to Speak.</li> <li>3. PoC User2 is not connected to the session.</li> <li>4. PoC User3 listens to PoC User1 talking.</li> <li>5. PoC User1/3 receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 receives the invitation and is prompted to accept or reject the invitation.</li> <li>7a. PoC User1 is informed that the session could not be established with PoC User2.</li> <li>7b. PoC User2 is not connected to the session.</li> <li>8. PoC User2 receives the invitation and is prompted to accept or reject the invitation.</li> <li>9a. PoC User1 is informed that PoC User2 has accepted the invitation.</li> <li>9b. All PoC Users receive the Talk Burst Idle Notification.</li> <li>10. PoC User2 is granted the Right to Speak.</li> <li>11. PoC User1/3 listen to PoC User2, then all PoC Clients receive the Talk Burst Idle Notification.</li> <li>12. PoC User2 shows the session has ended.</li> <li>14. PoC User3 is granted the Right to Speak.</li> <li>15. PoC User1 listens to PoC User3 talking.</li> <li>16a. PoC User2 does not receive the session invitation, as it is rejected by the PoC Server without notifying PoC User2's PoC Client. (Note: If this doesn't pass, try it again as it may take some time for the change in the Access List to propagate through the PoC Server.)</li> <li>16b. PoC User1 is notified that the session could not be established with PoC User2.</li> <li>17. PoC User1/3 receive the Talk Burst Idle Notification. PoC User2 is not part of the session.</li> </ol> |
|---------------|---|

**6.1.3.1.21 Adding PoC User to Ad-Hoc PoC Group (On-Demand) Session where the Invitee has ISB Enabled**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0240   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify Incoming PoC Session Barring (ISB) and that a notification about the remote party setting is received (re-inviting a PoC User to the existing Ad-Hoc PoC Group (On-Demand) Session).  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User1/2/3: ISB=False.</p> |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3.</li> <li>2. PoC User3 accepts the invitation.</li> <li>3. PoC User2 rejects the session invitation.</li> <li>4. PoC User2 sets ISB = True, and waits a little while for setting to propagate through the system.</li> <li>5. PoC User1 attempts to add PoC User2 to the Ad-Hoc PoC Group by sending an invite.</li> <li>6. PoC User1 requests the Right to Speak.</li> <li>7. PoC User1 starts talking.</li> <li>8. PoC User1 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3 get an indication of the incoming session.</li> <li>2. PoC User1 gets an indication that at least one PoC User has accepted the invitation.</li> <li>3. User2 is not connected to the session.</li> <li>5a. PoC User1 gets an indication that the session could not be established with PoC User2.</li> <li>5b. User2 does not show an indication for the second session initiation request.</li> <li>6. PoC User1 is granted the Right to Speak.</li> <li>7. PoC User3 listens to PoC User1 talking.</li> <li>8. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.22 Session Establishment and Adding PoC User to Ad-Hoc PoC Group (On-Demand) Session: Invitations Rejection per Invitee's Access List**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0241   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify invitation rejection occurs (during an Ad-Hoc PoC Group (On-Demand) Session establishment attempt or while inviting a PoC User to join an ongoing Ad-Hoc PoC Group (On-Demand) Session) when the inviter is on the invited PoC User's Access List (Access List: Reject) and that notification about the rejection is received by the inviter. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User3's Access List is setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Reject</p>   |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3.</li> <li>2. PoC User3 accepts the invitation.</li> <li>3. PoC User1 invites PoC User2 to the Ad-Hoc PoC Group.</li> <li>4. PoC User1 requests the Right to Speak.</li> <li>5. PoC User1 starts talking.</li> <li>6. PoC User1 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User3 gets an indication of the incoming session. PoC User2 does not get an indication.</li> <li>1b. PoC User2 is not connected to the session.</li> <li>2. PoC User1 gets an indication that at least one PoC User has accepted the invitation.</li> <li>3a. PoC User1 gets an indication that the session could not be established with PoC User2.</li> <li>3b. PoC User2 does not get an indication for the second session initiation request.</li> <li>4. PoC User1 is granted the Right to Speak.</li> <li>5. PoC User3 listens to PoC User1 talking.</li> <li>6. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.3.1.23 Ad-Hoc PoC Group (On-Demand) Session Establishment (Automatic Answer, Non-Registered PoC User)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0242   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality. (Automatic Answer, non-registered PoC User)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User2 is not registered.</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User1 talks.</li> <li>3. PoC User1 releases the Right to Speak.</li> </ol>                       |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User3 automatically accepts the invitation and is connected to the session.</li> <li>1b. PoC User1 gets an indication that at least one PoC User has accepted the invitation.</li> <li>1c. PoC User2 is not connected to the session.</li> <li>1d. PoC User1 is granted the Right to Speak.</li> <li>2. PoC User3 listens to PoC User1 talking.</li> <li>3. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |
|---------------|---|

#### 6.1.3.1.24 Ad-Hoc PoC Group (On-Demand) Session Establishment: some Invitees Accept and Some Do Not Exist

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0243  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Notification when some remote Participants accept an invitation to an Ad-Hoc PoC Group (On-Demand) Session and others do not exist.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2.</p> <p>PoC User2 is set to Automatic Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User3 account does not exist at the PoC Server.</p> <p>PoC User1 has the ability to enter an invitation recipient address manually.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates an Ad-Hoc PoC Group Session to PoC User2/3 and requests the Right to Speak.</li> <li>2. PoC User1 talks.</li> <li>3. PoC User1 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2 receives the invitation and automatically accepts the invitation (without any manual intervention required).</li> <li>1b. PoC User1 is notified that at least one PoC User has accepted and joined the session.</li> <li>1c. PoC User1 is granted the Right to Speak.</li> <li>1d. PoC User3 is not connected to the session.</li> <li>2. PoC User2 listens to PoC User1 talking.</li> <li>3. PoC User1/2 receive the Talk Burst Idle Notification.</li> </ol> |

#### 6.1.3.1.25 Ad-Hoc PoC Group (On-Demand) Session Establishment: Request Ignored and Session Not Established

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0244   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – session not established (no answer). |
| Specification Reference | Refer to Appendix A.   |

|                |  |
|----------------|--|
| SCR Reference  | Refer to Appendix A.   |
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to PoC User2/3.</li> <li>2. PoC User2/3 ignore the request and do not respond.</li> <li>3. PoC User1 releases the Right to Speak.</li> </ol>                               |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3 see incoming session notification and are prompted to respond.</li> <li>2. PoC User1 gets an indication that the session establishment attempt failed and the call is terminated.</li> </ol> |

### 6.1.4 On-Demand Pre-Arranged PoC Group

#### 6.1.4.1 Normal Flow

##### 6.1.4.1.1 Pre-Arranged PoC Group (On-Demand) Session Establishment (Automatic Answer/Confirmed Indication)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0260   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Automatic Answer/Confirmed Indication)  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.<br/>PoC User2/3 set to Automatic Answer.<br/>PoC Server is capable of disabling Unconfirmed Indication feature (needed to use Confirmed Indication with Automatic Answer).<br/>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br/>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.<br/>PoC User1/2/3 are aware of the Group Id for Group1.</p> |



|                       |   |
|-----------------------|---|
| <p>Test Procedure</p> | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 using the Group Id and requests the Right to Speak.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 releases the Right to Speak.</li> <li>4. PoC User2 requests the Right to Speak.</li> <li>5. PoC User2 talks.</li> <li>6. PoC User2 releases the Right to Speak.</li> <li>7. All PoC Users leave the PoC call.</li> <li>8. PoC User2/3 remove their battery without first turning off the handset (no deregistration message is to be sent to the server(s)).</li> <li>9. PoC User1 initiates a session to Group1 (i.e. PoC User2/3) and requests the Right to Speak</li> <li>10. Wait up to 60 sec for the RFC 3261 T1 timer to expire (this will occur ~32 seconds from call initiation)</li> </ol>  |
| <p>Pass-Criteria</p>  | <ol style="list-style-type: none"> <li>1a. The members of Group1 all receive invitations to the group; both the Group name and the Id of the inviter (PoC User1) are received at each invited member's PoC Client.</li> <li>1b. PoC User2/3 automatically accept the invitation (without user intervention).</li> <li>1c. PoC User1 sees that at least one other PoC User has accepted the invitation and the group is now in session.</li> <li>1d. PoC User1 receives the Right to Speak after receiving the first of the automatic accept responses. (Note: One PoC User's accept may be received before the other because PoC Client, PoC Server, and network delays will vary.)</li> <li>2. PoC User2/3 listens to PoC User1 talk and both can see that PoC User1 is granted the Right to Speak. (If one PoC User is delayed in answering he will begin to listen to the conversation in progress once he is connected.)</li> <li>3. All PoC Users receive the Talk Burst Idle Notification.</li> <li>4. PoC User2 is granted the Right to Speak.</li> <li>5. PoC User1/3 listen to PoC User2 talking and see that PoC User2 is granted the Right to Speak.</li> <li>6. All PoC Users receive the Talk Burst Idle Notification.</li> <li>7. All PoC Users are disconnected from the Session.</li> <li>9. PoC User1 is NOT granted the Right to Speak since PoC User2/3 is not available (battery removed) and this case was run with the "confirmed indication".</li> <li>10. The server terminates the session for User1 after the T1 timer expires</li> </ol> |

**6.1.4.1.2 Pre-Arranged PoC Group (On-Demand) Session Establishment (Manual-Answer)**

|                              |   |
|------------------------------|---|
| <p>Test Case Id</p>          | <p>PoC-1.0-int-M-0261</p>   |
| <p>Test Object</p>           | <p>PoC Client, PoC Server</p>   |
| <p>Test Case Description</p> | <p>Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Manual Answer)<br/>                 Verify that Right to Speak is granted to the originating PoC Client at session establishment. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak.</p> |

|                         |   |
|-------------------------|---|
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2. PoC User3 accepts the invitation.</li> <li>3a. PoC User1 starts talking.</li> <li>3b. PoC User2 accepts the invitation.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 talks.</li> <li>7. PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. The members of Group1 all receive invitations to the group; both the Group name and the Id of the inviter (PoC User1) are received at each invited member's PoC Client.</li> <li>2a. PoC User1 sees that at least one PoC User has accepted the invitation and is now in the session.</li> <li>2b. PoC User1 receives the Right to Speak.</li> <li>3a. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>3b. PoC User2 is connected to the session.</li> <li>3c. PoC User3 begins to listen to PoC User1 talking.</li> <li>4. All PoC Users receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1/3 listen to PoC User2 talking and see that PoC User2 is granted the Right to Speak.</li> <li>7. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

#### 6.1.4.1.3 Pre-Arranged PoC Group (On-Demand) Session Establishment (Mixed Automatic and Manual Answer)

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0262  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Mixed Automatic and Manual Answer) |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |

|                |   |
|----------------|---|
| Test Code      | Not available.  |
| Preconditions  | <p>PoC Server with accounts for PoC User1/2/3.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User3 is set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2. PoC User1 talks.</li> <li>3. PoC User2 accepts invitation to session.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User3 requests the Right to Speak.</li> <li>6. PoC User3 starts talking.</li> <li>7. PoC User3 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 gets an indication of the incoming session from PoC User1 and is prompted to accept or reject the invitation.</li> <li>1b. PoC User3 gets an indication of the incoming session from PoC User1 and automatically accepts the invite without any manual intervention.</li> <li>1c. PoC User1 is granted the Right to Speak.</li> <li>1d. PoC User1 is then (after 1a.) informed that at least one PoC User has accepted the invitation and is participating in the session.</li> <li>2. PoC User2 listens to PoC User1 talking.             <ol style="list-style-type: none"> <li>3a. PoC User2 is connected to the session.</li> <li>3b. PoC User2 can listen to the rest of PoC User1's talking.</li> </ol> </li> <li>4. All PoC Users receive the Talk Burst Idle Notification.</li> <li>5. PoC User3 is granted the Right to Speak.</li> <li>6. PoC User1/2 see that PoC User3 is granted the Right to Speak and can listen to PoC User3 talking.</li> <li>7. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.4.1.4 Re-Joining an Ongoing Pre-Arranged PoC Group (On-Demand) Session**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0263  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | PoC User re-joins an ongoing Pre-Arranged PoC Group (On-Demand) Session after having rejected the initial invitation. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server with accounts for PoC User1/2/3.<br/>                 PoC User2/3 set to Manual Answer.<br/>                 PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br/>                 A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2a. PoC User2 accepts the invitation.</li> <li>2b. PoC User3 rejects the invitation.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User3 initiates a PoC call to Group1.</li> <li>8. PoC User2 releases the Right to Speak.</li> <li>9. PoC User3 requests the Right to Speak.</li> <li>10. PoC User3 talks.</li> <li>11. PoC User3 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3 receive invitations to the group; both the Group name and the Id of the inviter (PoC User1) are received at the invited member's terminals.</li> <li>2a. PoC User1 sees that at least one PoC User has accepted the invitation and the group is now in session.</li> <li>2b. PoC User1 receives the Right to Speak.</li> <li>2c. PoC User3 is not connected to the session.</li> <li>3. PoC User2 listens to PoC User1 talk and can see that PoC User1 is granted the Right to Speak.</li> <li>4. PoC User1/2 receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1 listens to PoC User2 talk and sees that he is granted the Right to Speak.</li> <li>7a. The PoC Server recognizes that Group1 is already in session and joins PoC User3 to the ongoing Group1 PoC Session.</li> <li>7b. PoC User3 listens to PoC User2 talking.</li> <li>8. All PoC Users receive the Talk Burst Idle Notification.</li> <li>9. PoC User3 is granted the Right to Speak.</li> <li>10. PoC User1/2 listen to PoC User3 talk, and all PoC Users see that PoC User3 is granted the Right to Speak.</li> <li>11. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.4.1.5 Late Join to an Ongoing Pre-Arranged PoC Group (On-Demand) Session**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0264     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | PoC User is out of Radio Coverage when Pre-Arranged PoC Group (On-Demand) Session is initiated and the PoC User joins the ongoing session once he returns to Radio Coverage (Late Join).  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.</p> <p>PoC User3 is presently out of Radio Coverage.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2. PoC User2 automatically accepts the invitation (without user intervention).</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 starts talking and continues to talk.</li> <li>7. PoC User3 now returns to Radio Coverage and registers with the PoC Server.</li> <li>8. PoC User3 initiates a PoC call to Group1.</li> <li>9. PoC User2 releases the Right to Speak.</li> <li>10. PoC User3 requests the Right to Speak.</li> <li>11. PoC User3 talks.</li> <li>12. PoC User3 releases the Right to Speak.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User2 receives an invitation to the group; both the Group name and the Id of the inviter (PoC User1) are received at the invited member's PoC Client.</li> <li>1b. PoC User3 is not connected to the session.</li> <li>2a. PoC User1 sees that at least one PoC User has accepted the invitation and the group is now in session.</li> <li>2b. PoC User1 receives the Right to Speak.</li> <li>3. PoC User2 listens to PoC User1 talk and can see that PoC User1 is granted the Right to Speak. (If one PoC User is delayed in answering he will begin to listen to the conversation in progress once he is connected.)</li> <li>4. PoC User1/2 receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1 listens to PoC User2 talk and sees that he is granted the Right to Speak.</li> <li>8a. PoC User3 is joined to the ongoing Group1 PoC Session by the PoC Server.</li> <li>8b. PoC User3 listens to PoC User2 talking.</li> <li>9. All PoC Users receive the Talk Burst Idle Notification.</li> <li>10. PoC User3 is granted the Right to Speak.</li> <li>11. PoC User1/2 listen to PoC User3 talk, and all PoC Users see that PoC User3 is granted the Right to Speak.</li> <li>12. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |
|---------------|---|

**6.1.4.1.6 Re-Joining an Ongoing Pre-Arranged PoC Group (On-Demand) Session (Automatic Answer)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0265  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | PoC User is invited to re-join a Pre-Arranged PoC Group (On-Demand) Session after having been unavailable during the initial invitation. (Automatic Answer)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.</p> <p>PoC User3 is presently not registered.</p> |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 releases the Right to Speak.</li> <li>4. PoC User2 requests the Right to Speak.</li> <li>5. PoC User2 starts talking and continues to talk.</li> <li>6. PoC User3 now returns to Radio Coverage and registers with the PoC Server.</li> <li>7. PoC User1 re-invites PoC User3 to join the ongoing Group1 session.</li> <li>8. PoC User2 releases the Right to Speak.</li> <li>9. PoC User3 requests the Right to Speak.</li> <li>10. PoC User3 talks.</li> <li>11. PoC User3 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 receives an invitation to the group; both the Group name and the Id of the inviter (PoC User1) are received at the invited member's PoC Client. PoC User2 automatically accepts the session without user intervention.</li> <li>1b. PoC User3 is not connected to the session.</li> <li>1c. PoC User1 sees that at least one PoC User has accepted the invitation and the group is now in session.</li> <li>1d. PoC User1 receives the Right to Speak.</li> <li>2. PoC User2 listens to PoC User1 talk and can see that PoC User1 is granted the Right to Speak. (If one PoC User is delayed in answering he will begin to listen to the conversation in progress once he is connected.)</li> <li>3. PoC User1/2 receive the Talk Burst Idle Notification.</li> <li>4. PoC User2 is granted the Right to Speak.</li> <li>5. PoC User1 listens to PoC User2 talk and sees that he is granted the Right to Speak.</li> <li>7a. PoC User3 receives the invitation and automatically accepts the invitation.</li> <li>7b. PoC User1 is notified that PoC User3 has accepted the invitation and has joined the session.</li> <li>7c. PoC User3 listens to PoC User2 talking and sees that PoC User2 is granted the Right to Speak.</li> <li>8. All PoC Users receive the Talk Burst Idle Notification.</li> <li>9. PoC User3 is granted the Right to Speak.</li> <li>10. PoC User1/2 listen to PoC User3 talk, and all PoC Users see that PoC User3 is granted the Right to Speak.</li> <li>11. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.4.1.7 Inviting and Adding Members to Pre-Arranged PoC Group (On-Demand) Session (Manual Answer) where Some Invitees Accept, Ignore and Reject the Session**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0266     |
| Test Object  | PoC Client, PoC Server |

|                         |  |
|-------------------------|--|
| Test Case Description   | Verify that the initiating party gets a notification when some invitees accept and others ignore an invitation to a Pre-Arranged PoC Group (On-Demand) Session, including adding a PoC User to a session (accept, ignore, reject, Access List: Reject cases tested). (Manual Answer)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3, all members of GroupA. PoC User2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>Session release timers at the PoC Server are set high enough to allow this test to be executed without having the PoC Server release the call due to timeouts.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to GroupA and requests the Right to Speak.</li> <li>2. PoC User3 accepts the session.</li> <li>3. PoC User2 ignores the session invitation.</li> <li>4. PoC User1 starts talking.</li> <li>5. PoC User1 stops talking and releases the Right to Speak.</li> <li>6. PoC User1 invites (adds) PoC User2 to the session once again.</li> <li>7. PoC User2 manually rejects the invitation.</li> <li>8. PoC User1 invites (adds) PoC User2 to the session once again.</li> <li>9. PoC User2 accepts the session invitation.</li> <li>10. PoC User2 requests the Right to Speak.</li> <li>11. PoC User2 talks for a few seconds and then releases the Right to Speak.</li> <li>12. PoC User2 drops off of the call.</li> <li>13. PoC User2 reconfigures his Access list so that PoC User1 is now set for Access List: Reject.</li> <li>14. PoC User3 requests the Right to Speak.</li> <li>15. PoC User3 talks.</li> <li>16. PoC User1 invites (adds) PoC User2 to the session once again.</li> <li>17. PoC User3 stops talking and releases the Right to Speak.</li> </ol> |



|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2/3 receives the invitation to join the GroupA session. Both the group name and the inviter's Id are provided to each invitee.</li> <li>2. PoC User1 gets an indication that at least one PoC User has accepted the invitation and PoC User1 is granted the Right to Speak (PoC User1/3 now participating in GroupA session).</li> <li>3. The notifications on PoC User2's PoC Client about the incoming session eventually stop. PoC User2 is not connected to the session.</li> <li>4. PoC User3 listens to PoC User1 talking. PoC User3 sees that PoC User1 is granted the Right to Speak.</li> <li>5. PoC User1/3 receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 receives another invitation to the GroupA session and is prompted to accept or reject the invitation. (PoC User2 sees the Group name and the Id of the inviter.)</li> <li>7. PoC User2 is not connected into the call. PoC User1 is informed that the session could not be established with PoC User2.</li> <li>8. PoC User2 receives another invitation to the GroupA session and is prompted to accept or reject the invitation. (PoC User2 sees the Group name and the Id of the inviter.)</li> <li>9a. PoC User1 is notified that PoC User2 has accepted the invitation.</li> <li>9b. All PoC Users receive the Talk Burst Idle Notification.</li> <li>10. PoC User2 is granted the Right to Speak.</li> <li>11. PoC User1/3 listen to PoC User2 talk and see that PoC User2 is granted the Right to Speak. Shortly thereafter, all PoC Users receive the Talk Burst Idle Notification.</li> <li>12. PoC User2 shows the session has ended.</li> <li>14. PoC User3 is granted the Right to Speak.</li> <li>15. PoC User1 listens to PoC User3 talking.</li> <li>16a. PoC User2 does not receive the session invitation as it is rejected by the PoC Server without notifying PoC User2's PoC Client. (Note: If this doesn't pass, try it again as it may take some time for the change in Access List to propagate through the PoC Server.)</li> <li>16b. PoC User1 is notified that his attempt to join PoC User2 to the session has failed.</li> <li>17. PoC User1/3 receive the Talk Burst Idle Notification. PoC User2 is not part of the session.</li> </ol> |
|---------------|---|

**6.1.4.1.8 Adding Members to a Pre-Arranged PoC Group (On-Demand) Session (Manual Answer): Adding Policy Enforcement**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0267   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the adding policy is used to distinguish between PoC Users who can and cannot add PoC Users to the ongoing Pre-Arranged PoC Group (On-Demand) Session. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User1/2/3 are all members of a Pre-Arranged PoC Group, GroupC.</p> <p>GroupC is defined such that PoC User2 is not permitted to add PoC Users to the session (&lt;allow-invited-users-dynamically&gt; = False for PoC User2), and PoC User1/3 are permitted to add PoC Users to the session (&lt;allow-invited-users-dynamically&gt; = true for PoC User1/3).</p> <p>PoC User1/2/3 set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User1/2's Access Lists are setup such that PoC User3 is set for Access List: Accept</p> <p>PoC User1/3's Access Lists are setup such that PoC User2 is set for Access List: Accept</p> <p>Session release timers at the PoC Server are set high enough to allow this test to be executed without having the PoC Server release the call due to timeouts.</p>                                |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to GroupC and requests the Right to Speak.</li> <li>2. PoC User3 accepts the session.</li> <li>3. PoC User2 ignores the session invitation.</li> <li>4. PoC User1 starts talking.</li> <li>5. PoC User1 stops talking and releases the Right to Speak.</li> <li>6. PoC User3 invites (adds) PoC User2 to the session.</li> <li>7. PoC User2 manually accepts the invitation.</li> <li>8. PoC User1 drops from the session.</li> <li>9. PoC User2 requests the Right to Speak.</li> <li>10. PoC User2 talks for a few seconds and then releases the Right to Speak.</li> <li>11. PoC User2 invites PoC User1 to join the session.</li> <li>12. PoC User3 invites PoC User1 to join the session.</li> <li>13. PoC User1 manually accepts the invitation.</li> <li>14. PoC User1 requests the Right to Speak.</li> <li>15. PoC User1 talks.</li> <li>16. PoC User1 releases the Right to Speak.</li> </ol> |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2/3 receives the invitation to join the GroupC session. Both the group name and the inviter's Id are provided to each invitee.</li> <li>2. PoC User1 gets an indication that at least one PoC User has accepted the invitation and PoC User1 is granted the Right to Speak (PoC User1/3 now participating in GroupC session).</li> <li>3. The notifications on PoC User2's PoC Client about the incoming session eventually stop. PoC User2 is not connected to the session.</li> <li>4. PoC User3 listens to PoC User1 talking. PoC User3 sees that PoC User1 is granted the Right to Speak.</li> <li>5. PoC User1/3 receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 receives another invitation to the GroupC session and is prompted to accept or reject the invitation. (PoC User2 sees the Group name and the Id of the inviter.)</li> <li>7. PoC User2 is connected to the session.</li> <li>8. PoC User1 is successfully disconnected from the session.</li> <li>9. PoC User2 is granted the Right to Speak.</li> <li>10. PoC User3 listens to User2 talking and sees that PoC User2 is granted the Right to Speak.</li> <li>11a. PoC User1 does not receive a session invitation from PoC User2.</li> <li>11b. PoC User2 receives a notification that his attempt to invite PoC User1 was denied.</li> <li>12. PoC User1 receives an invitation to the GroupC session and is prompted to accept or reject the invitation. (PoC User2 sees the Group name and the Id of the inviter.)</li> <li>13a. PoC User3 is notified that PoC User1 has accepted the invitation.</li> <li>13b. PoC User1 is connected to the ongoing session.</li> <li>14. PoC User1 is granted the Right to Speak.</li> <li>15. PoC User2/3 listen to PoC User1 talking and see that PoC User1 is granted the Right to Speak.</li> <li>16. PoC User2/3 receive the Talk Burst Idle Notification.</li> </ol> |
|---------------|--|

**6.1.4.1.9 Last Participant is Disconnected from Pre-Arranged PoC Group (On-Demand) Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0268   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the last Participant is disconnected from the Pre-Arranged PoC Group (On-Demand) Session when the second-to-last Participant hangs up. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | (Continuation of test case PoC-1.0-int-M-0260 or PoC-1.0-int-M-0261.)<br>Number-of-Remaining-Participants=1  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 hangs up.</li> <li>2. PoC User3 hangs up.</li> </ol>   |

|               |   |
|---------------|---|
| Pass-Criteria | 2. The session is terminated at all ends once PoC User3 hangs up (i.e., second-to-last party leaves the session). |
|---------------|---|

#### 6.1.4.1.10 Termination of a Pre-Arranged PoC Group (On-Demand) Session when a Single Participant is Left

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0269  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify the termination of a Pre-Arranged PoC Group (On-Demand) Session when a single Participant, not being the session initiator, is left in the session. Number-of-Remaining-Participants=1.                                  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0260 or PoC-1.0-int-M-0261, with the following additions: <ul style="list-style-type: none"> <li>• Number-of-Remaining-Participants=1</li> <li>• AutoRelease = False</li> </ul>         |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 hangs up.</li> <li>2. PoC User3 hangs up.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. The session is still in progress for PoC User2/3. PoC User1 is no longer shown as a session Participant to PoC User2/3.</li> <li>2. The session is terminated at all ends.</li> </ol> |

#### 6.1.4.1.11 PoC Server Removes Active Pre-Arranged PoC Group (On-Demand) Session After Last Participant Leaves the Session

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0270   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that as the last Participant is disconnected from a Pre-Arranged PoC Group (On-Demand) Session, the PoC Server removes the active session.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0261, with the following additions: <ul style="list-style-type: none"> <li>• AutoRelease = False</li> <li>• Number-of-Remaining-Participants=0</li> <li>• There is some way of checking the PoC Server to see that a session has been released and all related resources are cleared.</li> </ul> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 hangs up.</li> <li>2. PoC User3 hangs up.</li> <li>3. PoC User2 hangs up.</li> <li>4. PoC User1 initiates a session to Group1.</li> </ol>  |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2/3 are still in session.</li> <li>2. PoC User2 is still in the session.</li> <li>3. The session is released.</li> <li>4. PoC User2/3 receive the invitation and are prompted to accept or reject the invitation. (This verifies that the PoC Server did not have a record of an ongoing session for this group. If it had one, it would have just joined PoC User1 to the ongoing session rather than inviting PoC User2/3.)</li> </ol> |
|---------------|--|

#### 6.1.4.1.12 All Participants Disconnected from a Pre-Arranged PoC Group (On-Demand) Session Once the Initiator Leaves the Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0271  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that all Participants are disconnected from the session when initiator leaves a Pre-Arranged PoC Group (On-Demand) Session and AutoRelease = True. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Refer to test case PoC-1.0-int-M-0260 or PoC-1.0-int-M-0261.<br>AutoRelease = True  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 hangs up.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. The session is terminated at all ends (PoC User1/2/3 show the session has been ended).</li> </ol>               |

#### 6.1.4.1.13 Policy-Based Termination: PoC User is able to Leave a Pre-Arranged On-Demand PoC Session while he has the Right to Speak

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0272  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | PoC User in pre-Arranged (On-Demand) Session chooses to leave session while he is granted the Right to Speak, verify that communications can continue among other PoC Users.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0260.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 requests the Right to Speak.</li> <li>2. PoC User2 talks and continues to talk.</li> <li>3. PoC User2 terminates the session (while he still is granted the Right to Speak) (pull the battery or disconnect the PoC Client from the network).</li> <li>4. PoC User1 requests the Right to Speak.</li> <li>5. PoC User1 talks.</li> <li>6. PoC User1 releases the Right to Speak.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2 is granted the Right to Speak.</li> <li>2. PoC User1/3 listen to PoC User2 talking.</li> <li>3. PoC User1/3 receive the Talk Burst Idle Notification, and see that PoC User2 has left the session.</li> <li>4. PoC User1 is granted the Right to Speak.</li> <li>5. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>6. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |
|---------------|---|

**6.1.4.1.14 Removing PoC Participant from Pre-Arranged PoC Group (On-Demand) Session by Service Entity**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0273  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | PoC User in Pre-Arranged PoC Group (On-Demand) Session can be removed by the service entity.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0260.   |
| Test Procedure          | <p>(Continued from test case PoC-1.0-int-M-0260.)</p> <ol style="list-style-type: none"> <li>1. Instruct PoC Server to remove User2 from the session (as a Service entity should be able to do).</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC User1 talks.</li> <li>4. PoC User1 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria           | <p>Test case PoC-1.0-int-M-0260.</p> <ol style="list-style-type: none"> <li>1. Verify that PoC User2 is dropped from the session.                             <ol style="list-style-type: none"> <li>1a. Verify that PoC User1/3 remain in the session.</li> </ol> </li> <li>2. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User3 listens to PoC User1 talk and sees that he is granted the Right to Speak.</li> <li>4. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.4.1.15 Pre-Arranged PoC Group (On Demand) Session Termination after Pre-Defined Time Period (session-max-length)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0274   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | PoC Pre-Arranged PoC Group (On-Demand) Session is terminated by the PoC Server after a pre-defined time defined by the “session max length” parameter. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | Session max length=90 (90sec).<br>Talk Burst Inactivity Timeout = 200 (200sec) or disabled.<br>Continuation of test case PoC-1.0-int-M-0260, butwith preconditions as specified here. |
| Test Procedure | (Continued from test case PoC-1.0-int-M-0260.)<br>1. Time 90 seconds from when the session is first established with the first set of Participants.                                   |
| Pass-Criteria  | 1. Verify that the session is terminated by the PoC Server after 90 seconds and that all Participants are disconnected from the session.  |

**6.1.4.1.16 Pre-Arranged PoC Group (On-Demand) Session Termination after Pre-Defined Time Period of No Talk Burst**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0275  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | PoC Pre-Arranged PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Session max length=200 (200sec).<br>Talk Burst Inactivity Timeout=60sec.<br>Continuation of test case PoC-1.0-int-M-0260, but with preconditions as specified here. |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0260.)<br>1. Time 60 seconds when the Right to Speak is released by the last PoC User.                                      |
| Pass-Criteria           | 1. Verify that the session is terminated by the PoC Server after 60 seconds and that all Participants are disconnected from the session.                            |

**6.1.4.1.17 Reject Session Establishment if Inviting PoC User is not Allowed to Initiate the Pre-Arranged PoC Group (On-Demand) Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0276   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | To verify that a Pre-Arranged PoC Group (On Demand) Session invitation is rejected if the request is not initiated by an authorized member of the Pre-Arranged PoC Group (i.e., not authorized by the <allow-initiate-conference> action of the PoC Group document). |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC User1/2/3 are registered PoC Subscribers.<br/>                 PoC User1/2/3 set to Automatic Answer.<br/>                 A Pre-Arranged PoC Group exists called GroupX that includes PoC User2/3.<br/>                 User2 is not authorized to initiate group sessions by the &lt;allow-initiate-conference&gt; action of the PoC GroupX document.<br/>                 (Note: PoC User1 is not authorized to initiate calls to the group since he is not a member of GroupX.)</p> |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to GroupX.</li> <li>2. PoC User2 initiates a session to GroupX.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1 is notified by the PoC Server that the session could not be established.</li> <li>1b. PoC User2/3 do not receive an invitation for a GroupX session.</li> <li>2a. PoC User2 is notified by the PoC Server that the session could not be established.</li> <li>2b. PoC User3 does not receive an invitation for a GroupX session.</li> </ol>   |

**6.1.4.1.18 Reject Joining Request if not an Authorized Member of the Pre-Arranged PoC Group**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0277  |
| Test Object             | PoC Server, PoC Client  |
| Test Case Description   | To verify that the PoC User’s request to join a Pre-Arranged PoC Group (On-Demand) Session is rejected and the PoC User receives an error message when he is not authorized to join the Pre-Arranged PoC Group.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.<br/>                 PoC User2 is set to Manual Answer.<br/>                 A Pre-Arranged PoC Group exists called Group1 that includes User1/2.<br/>                 User3 has the Group Id for Group1 so that he can attempt to initiate a session to the group.<br/>                 User3 is not authorized to join the Pre-Arranged PoC Group (i.e., &lt;join-handling&gt; action has value “reject”).</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2. PoC User2 accepts the invitation.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User3 initiates a PoC call to the ongoing Group1 session.</li> </ol>   |



|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2 receives the invitation to the group; both the Group name and the Id of the inviter (PoC User1) are received at each invited PoC User's PoC Client.</li> <li>2a. PoC User1 is informed that at least one PoC User has accepted the invitation and is now in the session.</li> <li>2b. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>4. PoC User3 is informed that the session request has been rejected.</li> </ol> |
|---------------|--|

**6.1.4.1.19 Pre-Arranged PoC Group (On-Demand) Session Establishment (Automatic-Answer) where One PoC User has ISB Enabled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0278  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify Pre-Arranged PoC Group (On-Demand) Session establishment functionality with a group having several registered members, one with ISB-enabled. (Automatic Answer)  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.<br/>                 PoC User2/3 set to Automatic Answer.<br/>                 PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br/>                 PoC User2 has set ISB = True.<br/>                 A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 stops talking and releases the Right to Speak.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User3 gets an indication of the incoming session and automatically accepts the session without manual intervention.</li> <li>1b. PoC User1 gets a notification that at least one PoC User has accepted.</li> <li>1c. PoC User2 does not see any indication of the invite from PoC User1 since the PoC Server rejects the call on his behalf when ISB is enabled.</li> <li>2. PoC User3 listens to PoC User1 talking and sees that PoC User1 is granted the Right to Speak.</li> <li>3. PoC User1/3 receive the Talk Burst Idle Notification. PoC User2 is not in a PoC Session.</li> </ol> |

**6.1.4.1.20 Pre-Arranged PoC Group (On-Demand) Session Cancelled during Session Initiation**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0279     |
| Test Object  | PoC Client, PoC Server |

|                         |  |
|-------------------------|--|
| Test Case Description   | Verify that a Pre-Arranged PoC Group (On-Demand) Session can be cancelled during session initiation.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>PoC User1 hangs up before PoC User2/3 responds to the invite.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2/3 get an indication of the incoming session request and are prompted to accept or reject the invitation to Group1 from PoC User1.</li> <li>The session is completely terminated for PoC User1/2/3 and any prompts to respond to the previous invitation are removed.</li> </ol> |

**6.1.4.1.21 Pre-Arranged PoC Group (On-Demand) Session Initiation: Initiator is set for Access List: Reject by the Terminating PoC User**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0280   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that an invitation to a Pre-Arranged PoC Group (On-Demand) Session will be rejected if the inviter is on the invitee's Access List (Access List: Reject).   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Reject<br>PoC User3's Access List is setup such that PoC User1 is set for Access List: Accept<br>A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3. |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> <li>PoC User3 accepts the invitation.</li> <li>PoC User1 talks.</li> <li>PoC User1 releases the Right to Speak.</li> </ol>  |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User2 receives no indication about the invite since the PoC Server does the reject.</li> <li>1b. PoC User3 receives an invitation to join the session and is prompted to manually accept or reject the invitation.</li> <li>2a. PoC User1 is notified that at least one PoC User has accepted the invitation.</li> <li>2b. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User3 listens to PoC User1 talk and sees that PoC User1 is granted the Right to Speak.</li> <li>4. PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |
|---------------|--|

**6.1.4.2 Error Flow**

**6.1.4.2.1 Pre-Arranged PoC Group (On-Demand) Session Establishment Fails when None of the Invited PoC Users are Registered**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0281   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the Pre-Arranged PoC Group (On-Demand) Session initiation fails when none of the invitees are registered.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with accounts for PoC User1/2/3.<br/>                 PoC User2/3 set to Automatic Answer.<br/>                 PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br/>                 PoC User2/3 are not registered.<br/>                 A Pre-Arranged PoC Group exists called Group1 that includes PoC User1/2/3.<br/>                 Number-of-Remaining-Participants=1</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 initiates a session to Group1 and requests the Right to Speak.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User1 is notified that the session could not be established with any of the invited PoC Users and the session is terminated.</li> <li>1b. PoC User2/3 do not receive any notification about the call since they are not registered.</li> </ol>  |

**6.1.5 On-Demand Chat PoC Group Session**

**6.1.5.1 Normal Flow**

**6.1.5.1.1 PoC Users are able to Connect to an Open Chat PoC Group (On-Demand) Session**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-M-0300     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | Verify that PoC Users are able to connect to an Open Chat PoC Group (On-Demand) Session and communicate with one another.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active account for PoC User1/2/3.<br>A valid Open Chat PoC Group exists on the PoC Server (non-anonymous).<br>The Group Id for the Open Chat PoC Group is known by PoC User1/2/3.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 attempts to connect to the Open Chat PoC Group using the Group Id.</li> <li>2. PoC User2 attempts to connect to the Open Chat PoC Group by calling into the Group Id.</li> <li>3. PoC User3 attempts to connect to the Open Chat PoC Group by calling into the Group Id.</li> <li>4. PoC User3 requests the Right to Speak.</li> <li>5. PoC User3 talks.</li> <li>6. PoC User3 releases the Right to Speak.</li> <li>7. PoC User2 requests the Right to Speak.</li> <li>8. PoC User2 talks.</li> <li>9. PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User1 successfully connects to the Open Chat PoC Group. (PoC User2/3 are not automatically invited to join.)</li> <li>1b. PoC User1 receives the Talk Burst Idle Notification, and PoC User1 is the only Participant at this time.</li> <li>2a. PoC User2 successfully connects to the Open Chat PoC Group.</li> <li>2b. PoC User1/2 receive the Talk Burst Idle Notification.</li> <li>3a. PoC User3 successfully connects to the Open Chat PoC Group.</li> <li>3b. All PoC Users receive the Talk Burst Idle Notification.</li> <li>4. PoC User3 is granted the Right to Speak.</li> <li>5. PoC User1/2 listen to PoC User3 talk, and see that PoC User3 is granted the Right to Speak.</li> <li>6. All PoC Users receive the Talk Burst Idle Notification.</li> <li>7. PoC User2 is granted the Right to Speak.</li> <li>8. PoC User1/3 listen to PoC User2 talking, and see that PoC User2 is granted the Right to Speak.</li> <li>9. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.5.1.2 Connection to an Open Chat PoC Group (On-Demand) Session when Owner is not Connected**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0301  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that it is possible to connect to an Open Chat PoC Group (On-Demand) Session even though the owner is not connected. |
| Specification Reference | Refer to Appendix A.  |

|                |  |
|----------------|--|
| SCR Reference  | Refer to Appendix A.   |
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active account for PoC User1/2/3.<br>A valid Open Chat PoC Group exists on the PoC Server (non-anonymous).<br>PoC User1 was the creator of the CHATZ Chat PoC Group.<br>The Group Id for the Open Chat PoC Group is known by PoC User1/2/3.  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User2 attempts to connect to the Open Chat PoC Group.</li> <li>2. PoC User3 attempts to connect to the Open Chat PoC Group.</li> <li>3. PoC User3 requests the Right to Speak.</li> <li>4. PoC User3 talks.</li> <li>5. PoC User3 releases the Right to Speak.</li> <li>6. PoC User2 requests the Right to Speak.</li> <li>7. PoC User2 talks.</li> <li>8. PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 successfully connects to the Open Chat PoC Group.</li> <li>1b. PoC User2 receives the Talk Burst Idle Notification, and PoC User2 is the only Participant at this time.</li> <li>2a. PoC User3 successfully connects to the Open Chat PoC Group.</li> <li>2b. PoC User2/3 receive the Talk Burst Idle Notification.</li> <li>3. PoC User3 is granted the Right to Speak.</li> <li>4. PoC User2 listens to PoC User3 talk, and sees that PoC User3 is granted the Right to Speak.</li> <li>5. All PoC Users receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 is granted the Right to Speak.</li> <li>7. PoC User3 listens to PoC User2 talking, and sees that PoC User2 is granted the Right to Speak.</li> <li>8. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

### 6.1.5.1.3 Invite/Add a PoC User to the Open Chat PoC Group (On-Demand) Session (Automatic Answer)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0302   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that it is possible to invite a PoC User to an Open Chat PoC Group (On-Demand) Session and have him successfully connect into the session. (Automatic Answer) |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server with active account for PoC User1/2/4.</p> <p>A valid Open Chat PoC Group exists on the PoC Server (non-anonymous).</p> <p>The Group Id for the Open Chat PoC Group is known by PoC User1/2.</p> <p>PoC User4 is set for Automatic Answer.</p> <p>PoC User4's Access List is setup such that PoC User1 is set for Access List: Accept</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 attempts to connect to the Open Chat PoC Group.</li> <li>2. PoC User2 attempts to connect to the Open Chat PoC Group.</li> <li>3. PoC User2 requests the Right to Speak.</li> <li>4. PoC User2 talks.</li> <li>5. PoC User1 invites PoC User4 to join the ongoing Open Chat PoC Group Session.</li> <li>6. PoC User1 releases the Right to Speak.</li> <li>7. PoC User4 requests the Right to Speak.</li> <li>8. PoC User4 talks.</li> <li>9. PoC User4 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1 successfully connects to the Open Chat PoC Group.</li> <li>1a. PoC User1 receives the Talk Burst Idle Notification, and PoC User1 is the only Participant at this time.</li> <li>2a. PoC User2 successfully connects to the Open Chat PoC Group.</li> <li>2b. PoC User1/2 receive the Talk Burst Idle Notification.</li> <li>3. PoC User2 is granted the Right to Speak.</li> <li>4. PoC User1 listens to PoC User2 talk, and sees that PoC User2 is granted the Right to Speak.</li> <li>5a. PoC User4 receives the invitation to join the Open Chat PoC Group and is automatically connected to the session.</li> <li>5b. PoC User4 begins to listen to PoC User1 talking, and sees that PoC User1 is granted the Right to Speak.</li> <li>6. All PoC Users receive the Talk Burst Idle Notification.</li> <li>7. PoC User4 is granted the Right to Speak.</li> <li>8. PoC User1/2 can listen to PoC User4 and see that PoC User4 is granted the Right to Speak.</li> <li>9. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.5.1.4 Open Chat PoC Group (On-Demand) Session Termination**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0303   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the Open Chat PoC Group (On-Demand) Session remains active until the last PoC User drops out of the session. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0300.  |

|                |   |
|----------------|---|
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 drops out of the session.</li> <li>PoC User2 requests the Right to Speak.</li> <li>PoC User2 talks and continues to talk.</li> <li>PoC User3 drops out of the session.</li> <li>PoC User2 releases the Right to Speak.</li> <li>PoC User2 drops out of the session.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User2/3 remain in the session.</li> <li>PoC User2 is granted the Right to Speak.</li> <li>PoC User3 listens to PoC User2 talk and sees that PoC User2 is granted the Right to Speak.</li> <li>PoC User2 is not disconnected from the session.</li> <li>PoC User2 receives the Talk Burst Idle Notification.</li> <li>PoC User2 is no longer in the session.</li> </ol> |

#### 6.1.5.1.5 Re-Join an Open Chat PoC Group (On-Demand) Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0304  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify re-join Open Chat PoC Group (On-Demand) Session establishment functionality.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0300.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User2 ends his connection to the session.</li> <li>PoC User1/3 continue to communicate.</li> <li>PoC User2 attempts to re-join the Chat PoC Group.</li> <li>PoC User1/3 release the Right to Speak.</li> <li>PoC User2 requests the Right to Speak.</li> <li>PoC User2 talks.</li> <li>PoC User2 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 is no longer in the session.</li> <li>PoC User2 is connected to the Open Chat PoC Group and listens to PoC User1/3's ongoing conversations.</li> <li>All PoC Users receive the Talk Burst Idle Notification.</li> <li>PoC User2 is granted the Right to Speak.</li> <li>PoC User1/3 listen to PoC User2 talking.</li> <li>All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

#### 6.1.5.1.6 PoC User Invited to Ongoing Open Chat PoC Group (On-Demand) Session by a PoC User set for Access List: Reject

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-M-0305 |
|--------------|--------------------|

|                         |  |
|-------------------------|--|
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | PoC User is invited to join an ongoing Open Chat PoC Group (On-Demand) Session, but the inviter is on the invitee's Access List such that the inviter is set for Access List: Reject.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | A valid Open Chat PoC Group exists on the PoC Server (non-anonymous).<br>The maximum number of PoC Users in this Open Chat PoC Group is 10.<br>PoC User1/2/3 have the Id of the Open Chat PoC Group.<br>PoC User3's Access List is setup such that PoC User2 is set for Access List: Reject<br>PoC User3 is set for Manual Answer.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1/2/3 attempt to join the Open Chat PoC Group.</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC User1 talks and continues to talk.</li> <li>4. PoC User3 leaves the session.</li> <li>5. PoC User2 attempts to invite PoC User3 back into the session.</li> <li>6. PoC User1 releases the Right to Speak.</li> <li>7. PoC User1 attempts to invite PoC User3 back into the session.</li> <li>8. PoC User3 accepts the invitation.</li> <li>9. PoC User3 requests the Right to Speak.</li> <li>10. PoC User3 talks.</li> <li>11. PoC User3 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User1/2/3 are all successfully connected to the Chat PoC Group Session.</li> <li>2. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2/3 listen to PoC User1 talk, and see that he is granted the Right to Speak.</li> <li>4. PoC User3 is disconnected from the session.</li> <li>5. PoC User2's invitation is rejected by the PoC Server because PoC User2 is on PoC User3's Access List (Access List: Reject).</li> <li>6. PoC User2 continues to listen to PoC User1 talking.</li> <li>7. PoC User2 sees that PoC User1 has released the Right to Speak.</li> <li>8. PoC User3 receives an invitation from PoC User1 to join the Chat PoC Group Session.</li> <li>9. PoC User1 is informed that PoC User3 has accepted the invitation.</li> <li>10. PoC User3 is granted the Right to Speak.</li> <li>11. PoC User1/2 listen to PoC User3 talk and see that PoC User1 is granted the Right to Speak.</li> <li>12. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |



### 6.1.5.1.7 Invite/Add PoC User to an Open Chat PoC Group (On-Demand) Session where Invitee's ISB Setting is Enabled

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0306   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Participant of ongoing Open Chat PoC Group (On-Demand) Session invites a PoC User whose Incoming PoC Session Barring (ISB) is set and the invitation is rejected by the PoC Server.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0300, with the following additions: <ul style="list-style-type: none"> <li>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</li> <li>PoC User1 is set to Manual Answer.</li> </ul>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User2 drops out of the Chat PoC Group Session.</li> <li>PoC User2 enables his ISB setting to be active (wait enough time for the setting to propagate through to the PoC Server).</li> <li>PoC User1 attempts to invite PoC User2 back into the Chat PoC Group Session.</li> <li>PoC User2 manually attempts to re-join the Chat PoC Group Session using the Group Id.</li> <li>PoC User2 requests the Right to Speak.</li> <li>PoC User2 talks.</li> <li>PoC User2 releases the Right to Speak.</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 is disconnected from the session.</li> <li>PoC User1's invitation is rejected by the PoC Server because PoC User2 has his ISB setting enabled.</li> <li>PoC User2 is successfully re-joined into the Chat PoC Group Session.</li> <li>PoC User2 is granted the Right to Speak.</li> <li>PoC User1/3 see that PoC User2 is granted the Right to Speak and can listen to him talking.</li> <li>All PoC Users receive the Talk Burst Idle Notification.</li> </ol>                                       |

### 6.1.5.1.8 Authorized PoC User Joins a Restricted Chat PoC Group (On-Demand) Session

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0307   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that authorized PoC Users are able to join a Restricted Chat PoC Group. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server with active account for PoC User1/2/3.</p> <p>A Restricted Chat PoC Group (CHATR) has been defined which includes PoC User1/2/3 (non-anonymous).</p> <p>The Group Id for the Restricted Chat PoC Group is known by PoC User1/2/3.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1/2/3 attempt to join the Restricted Chat PoC Group.</li> <li>2. PoC User1 requests the Right to Speak.</li> <li>3. PoC User1 talks.</li> <li>4. PoC User1 releases the Right to Speak.</li> <li>5. PoC User2 requests the Right to Speak.</li> <li>6. PoC User2 talks.</li> <li>7. PoC User2 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1/2/3 are all successfully connected to the Restricted Chat PoC Group.</li> <li>1b. All PoC Users show that no PoC User currently is granted the Right to Speak.</li> <li>2. PoC User1 is granted the Right to Speak.</li> <li>3. PoC User2/3 listen to PoC User1 talk and see that he is granted the Right to Speak.</li> <li>4. All PoC Users receive the Talk Burst Idle Notification.</li> <li>5. PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1/3 listen to PoC User2 talk and see that he is granted the Right to Speak.</li> <li>7. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.5.1.9 Add Members to a Restricted Chat PoC Group (On-Demand) Session (Manual Answer): Adding Policy Enforced**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0308  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the adding policy is used to distinguish between PoC Users who can and cannot add PoC Users to the ongoing Restricted Chat PoC Group (On-Demand) Session. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                       |  |
|-----------------------|--|
| <p>Preconditions</p>  | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 all are members of a Restricted Chat PoC Group, GroupRA.<br/>                 GroupRA is defined such that PoC User2 is not permitted to add PoC Users to the session (&lt;allow-invited-users-dynamically&gt; = False for PoC User2), and PoC User1/3 are permitted to add PoC Users to the session (&lt;allow-invited-users-dynamically&gt; = true for PoC User1/3).<br/>                 PoC User1/2/3 set for Manual Answer.<br/>                 PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br/>                 PoC User1/2's Access Lists are setup such that PoC User3 is set for Access List: Accept<br/>                 PoC User1/3's Access Lists are setup such that PoC User2 is set for Access List: Accept<br/>                 Session release timers at the PoC Server are set high enough to allow this test to be executed without having the PoC Server release the call due to timeouts.</p> |
| <p>Test Procedure</p> | <ol style="list-style-type: none"> <li>1. PoC User1 attempts to join the Restricted Chat PoC Group Session, GroupRA.</li> <li>2. PoC User3 attempts to join the Restricted Chat PoC Group Session, GroupRA.</li> <li>3. PoC User3 requests the Right to Speak.</li> <li>4. PoC User3 talks.</li> <li>5. PoC User3 stops talking and releases the Right to Speak.</li> <li>6. PoC User3 invites (adds) PoC User2 to the session.</li> <li>7. PoC User2 manually accepts the invitation.</li> <li>8. PoC User1 drops from the session.</li> <li>9. PoC User2 requests the Right to Speak.</li> <li>10. PoC User2 talks for a few seconds and then releases the Right to Speak.</li> <li>11. PoC User2 invites PoC User1 to join the session.</li> <li>12. PoC User3 invites PoC User1 to join the session.</li> <li>13. PoC User1 manually accepts the invitation.</li> <li>14. PoC User1 requests the Right to Speak.</li> <li>15. PoC User1 talks.</li> <li>16. PoC User1 releases the Right to Speak.</li> </ol>  |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User1 is connected to the GroupRA session.</li> <li>2. PoC User2 is connected to the GroupRA session.</li> <li>3. PoC User3 is granted the Right to Speak.</li> <li>4. PoC User1 listens to PoC User3 talking; PoC User1 sees that PoC User3 is granted the Right to Speak.</li> <li>5. PoC User1/3 receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 receives an invitation to the GroupRA session and is prompted to accept or reject the invitation. (PoC User2 sees the Group name and the Id of the inviter.)</li> <li>7. PoC User2 is connected to the session.</li> <li>8. PoC User1 is successfully disconnected from the session.</li> <li>9. PoC User2 is granted the Right to Speak.</li> <li>10. PoC User3 listens to PoC User2 talking and sees that PoC User2 is granted the Right to Speak.</li> <li>11a. PoC User1 does not receive a session invitation from PoC User2.</li> <li>11b. PoC User2 receives a notification that his attempt to invite PoC User1 was denied.</li> <li>12. PoC User1 receives an invitation to the GroupRA session and is prompted to accept or reject the invitation. (PoC User2 sees the Group name and the Id of the inviter.)</li> <li>13a. PoC User3 is notified that PoC User1 has accepted the invitation.</li> <li>13b. PoC User1 is connected to the ongoing session.</li> <li>14. PoC User1 is granted the Right to Speak.</li> <li>15. PoC User2/3 listen to PoC User1 talking and see that PoC User1 is granted the Right to Speak.</li> <li>16. PoC User2/3 receive the Talk Burst Idle Notification.</li> </ol> |
|---------------|---|

**6.1.5.1.10 PoC Users Add Other PoC Users to a Restricted Chat PoC Group (On-Demand) Session (Automatic Answer)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0309  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Users are able to add other PoC Users (Automatic Answer) to a Restricted Chat PoC Group (On-Demand) Session.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active account for PoC User1/2/3.</p> <p>A Restricted Chat PoC Group has been defined that includes PoC User1/2/3 (non-anonymous).</p> <p>The Group Id for the Restricted Chat PoC Group is known by PoC User1/2/3.</p> <p>PoC User2 is set to Automatic Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 and PoC User3 are set for Access List: Accept</p> |

|                |   |
|----------------|---|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1/3 connects to the Restricted Chat PoC Group by the Group Id.</li> <li>2. PoC User3 requests the Right to Speak.</li> <li>3. PoC User3 talks and continues to talk.</li> <li>4. PoC User1 invites PoC User2 to the group.</li> <li>5. PoC User3 releases the Right to Speak.</li> <li>6. PoC User2 requests the Right to Speak.</li> <li>7. PoC User2 starts talking.</li> <li>8. PoC User2 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1/3 successfully connect to the Restricted Chat PoC Group.</li> <li>1b. All PoC Users show that no PoC User currently is granted the Right to Speak.</li> <li>2. PoC User3 is granted the Right to Speak.</li> <li>3. PoC User1 listens to PoC User3 talking.</li> <li>4a. PoC User2 receives the invitation (including the Id of the PoC User and the Chat PoC Group), and automatically accepts, and is connected to the Chat PoC Group Session.</li> <li>4b. PoC User2 sees that PoC User3 is granted the Right to Speak and can listen to PoC User3 talking.</li> <li>5. All PoC Users receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 is granted the Right to Speak.</li> <li>7. PoC User1/3 listens to PoC User2 talking.</li> <li>8. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

**6.1.5.1.11 PoC Users Add Other PoC Users to a Restricted Chat PoC Group (On-Demand) Session (Manual Answer)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0310  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Users are able to add other PoC Users (Manual Answer) to a Restricted Chat PoC Group (On-Demand) Session.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active account for PoC User1/2/3.</p> <p>A Restricted Chat PoC Group has been defined that includes PoC User1/2/3 (non-anonymous).</p> <p>The Group Id for the Restricted Chat PoC Group is known by PoC User1/2/3.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User2's Access Lists is setup such that PoC User1 and PoC User3 are set for Access List: Accept</p> |

|                |   |
|----------------|---|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1/3 connects to the Restricted Chat PoC Group by the Group Id.</li> <li>2. PoC User3 requests the Right to Speak.</li> <li>3. PoC User3 talks and continues to talk.</li> <li>4. PoC User1 invites User2 to the group.</li> <li>5. PoC User2 accepts the invitation.</li> <li>6. PoC User3 releases the Right to Speak.</li> <li>7. PoC User2 requests the Right to Speak.</li> <li>8. PoC User2 starts talking.</li> <li>9. PoC User2 releases the Right to Speak.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1/3 successfully connect to the Restricted Chat PoC Group.</li> <li>1b. All PoC Users show that no PoC User currently is granted the Right to Speak.</li> <li>2. PoC User3 is granted the Right to Speak.</li> <li>3. PoC User1 listens to PoC User3 talking.</li> <li>4a. PoC User2 receives the invitation (including the Id of the inviting PoC User) and is prompted to accept or reject the invitation.</li> <li>4b. PoC User2 sees that PoC User3 is granted the Right to Speak and can listen to PoC User3 talking.</li> <li>5. All PoC Users receive the Talk Burst Idle Notification.</li> <li>6. PoC User2 is granted the Right to Speak.</li> <li>7. PoC User1/3 listens to PoC User2 talking.</li> <li>8. All PoC Users receive the Talk Burst Idle Notification.</li> </ol> |

### 6.1.5.2 Error Flow

#### 6.1.5.2.1 System Rejects new PoC Users (Joined or Invited) when Maximum Number of PoC Users is reached in an Open Chat PoC Group (On-Demand) Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0311  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify the system rejects new PoC Users when maximum number of PoC Users is reached in an Open Chat PoC Group (On-Demand) Session.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active account for PoC User1/2/3.</p> <p>PoC User1 created an Open Chat PoC Group with a maximum of 2 PoC Users.</p> <p>The Group Id for the open group is known by PoC User1/2/3.</p> |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1/2 attempt to connect to the Ppen Chat PoC Group.</li> <li>2. PoC User3 attempts to connect to the Open Chat PoC Group.</li> <li>3. PoC User2 hangs up.</li> <li>4. PoC User3 connects to the Open Chat PoC Group and requests the Right to Speak.</li> <li>5. PoC User3 talks.</li> <li>6. PoC User3 releases the Right to Speak.</li> <li>7. PoC User1 attempts to invite User2 to the ongoing session.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User1/2 successfully connects to the Open Chat PoC Group.</li> <li>2a. PoC User3's attempt to join is rejected by the PoC Server.</li> <li>2b. PoC User1/2 are unaware of PoC User2's attempt to join.</li> <li>3. PoC User2 is disconnected from the session; User1 remains connected with no other Participants.</li> <li>4a. PoC User3 is successfully connected to the Open Chat PoC Group.</li> <li>4b. PoC User3 is granted the Right to Speak.</li> <li>5. PoC User1 listens to PoC User3 talking.</li> <li>6. PoC User1/3 receive the Talk Burst Idle Notification.</li> <li>7. PoC User1 is informed that the session could not be established with PoC User2.</li> </ol> |

**6.1.5.2.2 Not Possible to Connect to a Non-Existent Chat PoC Group (On-Demand) Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0312   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that it is not possible to connect to a non-existent Chat PoC Group (On-Demand) Session.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active account for PoC User1.<br>User1 has the Group Id of a Chat PoC Group that has since been deleted from the PoC Server.                         |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 attempts to join the Chat PoC Group.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User1 gets a Talk Reject Notification from the PoC Server because the Chat PoC Group Id is no longer valid.</li> </ol> |

**6.1.5.2.3 Unauthorized PoC Users are not able to Join a Restricted Chat PoC Group (On-Demand) Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0313   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that unauthorized PoC Users are not able to join a Restricted Chat PoC Group (On-Demand) Session. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |

|                |   |
|----------------|---|
| Tool           | Not available.  |
| Test Code      | Not available.  |
| Preconditions  | Refer to test case PoC-1.0-int-M-0309.<br>PoC Server with active account for PoC User1/4.<br>PoC User4's Access List is setup such that PoC User1 is set for Access List: Accept<br>PoC User4 is set to Manual Answer.<br>A Restricted Chat PoC Group has been defined which includes PoC User1/2/3 (non-anonymous).<br>The Group Id for the Restricted Chat PoC Group is known by PoC User1/4. |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 attempts to join the Restricted Chat PoC Group Session.</li> <li>PoC User4 attempts to join the Restricted Chat PoC Group Session.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User1 is connected into the Chat Session.</li> <li>PoC User4 is notified that his attempt to join the Chat PoC Group has been rejected. (PoC Server rejects User4's attempt because he is not a member of the Restricted Chat PoC Group.)</li> </ol>   |

#### 6.1.5.2.4 Removing PoC Participant from Open Chat PoC Group (On-Demand) Session by Service Entity

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0314   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | PoC User in an Open Chat PoC Group (On-Demand) Session can be removed by the service entity.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Continuation of test case PoC-1.0-int-M-0300.  |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0300.)<br><ol style="list-style-type: none"> <li>Instruct PoC Server to remove User2 from the session (as a Service entity should be able to do).</li> <li>PoC User1 requests the Right to Speak.</li> <li>PoC User1 talks.</li> <li>PoC User1 releases the Right to Speak.</li> </ol>   |
| Pass-Criteria           | Test case PoC-1.0-int-M-0300.<br><ol style="list-style-type: none"> <li>Verify that PoC User2 is dropped from the session.</li> <li>Verify that User1/3 remain in the session.</li> </ol> <ol style="list-style-type: none"> <li>PoC User1 is granted the Right to Speak.</li> <li>PoC User3 listens to PoC User1 talk and sees that he is granted the Right to Speak.</li> <li>PoC User1/3 receive the Talk Burst Idle Notification.</li> </ol> |

#### 6.1.5.2.5 Open Chat PoC Group (On Demand) Session Termination after Pre-Defined Time Period (session-max-length)

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-M-0315 |
|--------------|--------------------|



|                         |  |
|-------------------------|--|
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Open Chat PoC Group (On-Demand) Session is terminated by the PoC Server after a pre-defined time defined by the “session max length” parameter.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | Session max length=90 (90sec).<br>Talk Burst Inactivity Timeout = 200 (200sec) or disabled.<br>Continuation of test case PoC-1.0-int-M-0300, but with preconditions as specified here. |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0300.)<br>1. Time 90 seconds from when the session is first established with the first set of Participants.                                    |
| Pass-Criteria           | 1. Verify that the session is terminated by the PoC Server after 90 seconds and that all Participants are disconnected from the session.   |

#### 6.1.5.2.6 Open Chat PoC Group (On-Demand) Session Termination after Pre-Defined Time Period of No Talk Burst

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0316  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Open Chat PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | Session max length=200 (200sec).<br>Talk Burst Inactivity Timeout=60sec.<br>Continuation of test case PoC-1.0-int-M-0300, but with preconditions as specified here. |
| Test Procedure          | (Continued from test case PoC-1.0-int-M-0300.)<br>1. Time 60 seconds when the Right to Speak is released by the last PoC User.                                      |
| Pass-Criteria           | 1. Verify that the session is terminated by the PoC Server after 60 seconds and that all Participants are disconnected from the session.                            |

## 6.1.6 Session Unrelated

### 6.1.6.1 Normal Flow

#### 6.1.6.1.1 Privacy Requested by PoC User (Ad-Hoc Case)

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-M-0401 |
|--------------|--------------------|

|                         |   |
|-------------------------|---|
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that privacy request is properly handled. (Ad-Hoc Case)  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User1 is able to change Privacy settings dynamically or has previously set Privacy = True.<br>PoC User1/2 are in active Ad-Hoc session. |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 enables Privacy (dependant on Precondition).</li> <li>PoC User1 requests the Right to Speak and starts talking.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 shows "id" or another anonymous word for PoC User1 and listens to PoC User1 talking.</li> </ol>  |

#### 6.1.6.1.2 Privacy Requested by PoC User (Pre-Arranged PoC Group Case)

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0402  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that privacy request is properly handled. (Pre-Arranged PoC Group Case)  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC User1 is able to change Privacy settings dynamically or has previously set Privacy = True.<br>PoC User1/2 are in active Pre-Arranged PoC Group session. |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 enables Privacy (dependant on Precondition).</li> <li>PoC User1 requests the Right to Speak and starts talking.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 shows "id" or another anonymous word for PoC User1 and listens to PoC User1 talking.</li> </ol>  |

#### 6.1.6.1.3 Privacy Requested by PoC User (Chat PoC Group Case)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0403   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that privacy request is properly handled. (Chat PoC Group Case) |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | PoC Server with active accounts for PoC User1/2<br>PoC User2 is set to Manual Answer<br>PoC User1 is able to change Privacy settings dynamically or has previously set Privacy = True<br>PoC User1/2 are in active Chat Session |
| Test Procedure | 1. PoC User1 enables Privacy (dependant on Precondition).<br>2. PoC User1 requests the Right to Speak and starts talking.   |
| Pass-Criteria  | 2. PoC User2 shows "id" or another anonymous word for PoC User1 and listens to PoC User1 talking.   |

#### 6.1.6.1.4 Privacy Requested by PoC User Leaving Session (Ad-Hoc Case)

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0404  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that privacy request is properly handled when leaving a PoC Session. (Ad-Hoc Case)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3<br>PoC User2/3 are set to Manual Answer<br>PoC User2 or 3 is/are subscribed to participant information<br>PoC User1 is able to change Privacy settings dynamically or has previously set Privacy = True<br>PoC User1/2/3 are in active Ad-Hoc Session |
| Test Procedure          | 1. PoC User1 enables Privacy (dependant on Precondition).<br>2. PoC User1 requests the Right to Speak and starts talking.<br>3. PoC User1 stops talking and leaves the session  |
| Pass-Criteria           | 2. PoC User2 or 3 shows "id" or another anonymous word for PoC User1 and listens to PoC User1 talking.<br>3. PoC User2 or 3 shows "id" or another anonymous word has left the session   |

#### 6.1.6.1.5 Privacy Requested by PoC User Leaving and Re-Joining Session (Pre-Arranged Group Case)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0405   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that privacy request is properly handled when leaving a PoCSession. (Pre-Arranged Group Case) |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3</p> <p>PoC User2/3 are set to Manual Answer</p> <p>PoC User2 or 3 is/are subscribed to participant information</p> <p>PoC User1 is able to change Privacy settings dynamically or has previously set Privacy = True</p> <p>PoC User1/2/3 are in active Pre-Arranged Group Session</p> |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 enables Privacy (dependant on Precondition).</li> <li>2. PoC User1 requests the Right to Speak and starts talking.</li> <li>3. PoC User1 stops talking and leaves the session</li> <li>4. PoC User1 rejoins Pre-Arranged Group session</li> </ol>                                      |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>2. PoC User2 or 3 shows “id” or another anonymous word for PoC User1 and listens to PoC User1 talking.</li> <li>3. PoC User2 or 3 shows “id” or another anonymous word has left the session</li> <li>4. PoC User2 or 3 shows “id” or another anonymous word has joined the session</li> </ol>       |

**6.1.6.1.6 Privacy Requested by PoC User Leaving and Re-Joining Session (Chat Group Case)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0406   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that privacy request is properly handled when leaving a PoCSession. (Chat Group Case)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3</p> <p>PoC User2/3 are set to Manual Answer</p> <p>PoC User2 or 3 is/are subscribed to participant information</p> <p>PoC User1 is able to change Privacy settings dynamically or has previously set Privacy = True</p> <p>PoC User1/2/3 are in active Chat Group Session</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 enables Privacy (dependant on Precondition).</li> <li>2. PoC User1 requests the Right to Speak and starts talking.</li> <li>3. PoC User1 stops talking and leaves the session</li> <li>4. PoC User1 rejoins the Chat Group session</li> </ol>                                    |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>2. PoC User2 or 3 shows “id” or another anonymous word for PoC User1 and listens to PoC User1 talking.</li> <li>3. PoC User2 or 3 shows “id” or another anonymous word has left the session</li> <li>4. PoC User2 or 3 shows “id” or another anonymous word has joined the session</li> </ol> |

**6.1.6.1.7 Privacy Requested by Added PoC User (Ad-Hoc Case)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0407   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that privacy request is properly handled. (Ad-Hoc Case)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 is set to Manual Answer.<br>PoC User2 has set Privacy = True.<br>PoC User3 as subscribed to participant information<br>PoC User1/3 are in active Ad-Hoc session. |
| Test Procedure          | 1. PoC User1 invites PoC User2 to the Ad-Hoc session<br>2. PoC User2 accepts the invitation  |
| Pass-Criteria           | 2. PoC User3 shows "id" or another anonymous word for user joining the session.  |

**6.1.6.1.8 Privacy Requested by Added PoC User (Pre-Arranged Group Case)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0408   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that privacy request is properly handled. (Pre-Arranged Group Case)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3<br>A Pre-Arranged Group exist which contains PoC User1/3<br>PoC User2/3 is set to Manual Answer.<br>PoC User2 has set Privacy = True.<br>PoC User3 as subscribed to participant information<br>PoC User1/3 are in active Pre-Arranged Group session.<br>PoC User1 has the ability to add to the Pre-Arranged Group |
| Test Procedure          | 1. PoC User1 adds PoC User2 to the Pre-Arranged Group and invites PoC User2 to the session<br>2. PoC User2 accepts the invitation  |
| Pass-Criteria           | 2. PoC User3 shows "id" or another anonymous word for user joining the session.  |

**6.1.6.1.9 Privacy Requested by Added PoC User (Chat Group Case)**

|                       |  |
|-----------------------|--|
| Test Case Id          | PoC-1.0-int-M-0409   |
| Test Object           | PoC Client, PoC Server   |
| Test Case Description | Verify that privacy request is properly handled. (Chat Group Case) |

|                         |  |
|-------------------------|--|
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3<br>A Pre-Arranged Group exist which contains PoC User1/3<br>PoC User2/3 is set to Manual Answer.<br>PoC User2 has set Privacy = True.<br>PoC User3 as subscribed to participant information<br>PoC User1/3 are in active Pre-Arranged Group session.<br>PoC User1 has the ability to add to the Pre-Arranged Group |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 adds PoC User2 to the Chat Group and invites PoC User2 to the session</li> <li>PoC User2 accepts the invitation</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User3 shows “id” or another anonymous word for user joining the session.</li> </ol>   |

#### 6.1.6.1.10 Sending of PoC Alert

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0410   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that PoC Client is able to send PoC Alert Messages.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 sends an Instant Personal Alert to PoC User2.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 received the Instant Personal Alert.</li> <li>(OPTIONAL) PoC User1 shows a confirmation that the Instant Personal Alert was delivered.</li> </ol> |

#### 6.1.6.1.11 Receiving of PoC Alert

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0411  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Client is able to receive PoC Alert Messages.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User2 sends an Instant Personal Alert to PoC User1.</li> </ol> |

|               |  |
|---------------|--|
| Pass-Criteria | 1a. PoC User1 received the Instant Personal Alert.<br>1b. (OPTIONAL) PoC User2 shows a confirmation that the Instant Personal Alert was delivered. |
|---------------|--|

## 6.1.6.2 Error Flow

### 6.1.6.2.1 Sending of PoC Alert Failure

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0420  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that a PoC Client receives a notification in case a PoC Alert Message fails.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is not registered.  |
| Test Procedure          | 1. PoC User1 sends a PoC Alert Message to PoC User2.  |
| Pass-Criteria           | 1a. PoC User1 receives a failure notification.<br>1b. (OPTIONAL) PoC User1 is notified that PoC User2 is not registered or unreachable. |

## 6.1.7 Talk Burst Control (No Queuing)

### 6.1.7.1 Normal Flow

#### 6.1.7.1.1 Talk Burst Control Protocol, Right to Speak, request during an Ad-Hoc PoC Group Session when Talk Burst Control does not indicate idle -> Talk Burst deny

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0500  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that request for the Right to Speak is denied when the Right to Speak is already granted to another PoC User.                          |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.  |
| Test Procedure          | 1. PoC User1 establishes an Ad-Hoc PoC group Session with PoC User2 and keeps the PoC Button pressed.<br>2. PoC User2 presses the PoC Button. |

|               |  |
|---------------|--|
| Pass-Criteria | 1a. Ad-Hoc PoC Session is established between PoC User1 and PoC User2.<br>1b. PoC User1 receives the Right to Speak Indication.<br>2a. PoC User2 receives a Talk Reject Notification.<br>2b. PoC User2 also receives an indication that PoC User1 is granted the Right to Speak. |
|---------------|--|

**6.1.7.1.2 Implicit Talk Burst Control, Right to Speak, request (INVITE) when re-joining a Pre-Arranged PoC Group PoC Group Session, Talk Burst Control indicates idle -> Talk Burst granted**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0501  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that Right to Speak is granted to the re-joining PoC Client. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.  |
| Test Procedure          | 1. PoC User1 establishes a PoC Session with Group1 and keeps the PoC Button pressed.<br>2. PoC User1 releases the PoC Button.<br>3. PoC User3 leaves the PoC Session.<br>4. PoC User3 re-joins the PoC Session and keeps the PoC Button pressed.<br>5. PoC User3 starts talking.  |
| Pass-Criteria           | 1a. A PoC Session is established between PoC User1/2/3.<br>1b. PoC User1 receives Right to Speak Indication.<br>1c. PoC User2/3 receives an indication that PoC User1 is granted the Right to Speak.<br>2a. PoC User1's PoC Client sends Talk Burst Release Indication.<br>2b. PoC User1/2/3 receives Talk Burst Idle Notification.<br>3. PoC User3 is no longer in the PoC Session.<br>4a. PoC User3 has re-joined the session.<br>4b. PoC User3 receives the Right to Speak Indication.<br>4c. PoC User1/2's PoC Client receives an indication that PoC User3 is granted the Right to Speak.<br>5. PoC User1/2 listen to PoC User3 talking. |

**6.1.7.1.3 Implicit Talk Burst Control, Right to Speak, request (INVITE) when joining a Chat PoC Group Session, Talk Burst Control indicates idle -> Talk Burst granted**

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-M-0502 |
|--------------|--------------------|



|                         |  |
|-------------------------|--|
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Right to Speak is granted to the joining PoC Client when Talk Burst Control indicates idle. Verify that all other Participants receive an indication that another PoC User is granted the Right to Speak.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>Chat PoC Group2 is defined and has PoC User1/2 as members.<br>PoC User1 has already established a PoC Session with Chat PoC Group2 and Talk Burst Control indicates idle.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 establishes a PoC Session with Chat PoC Group2 and keeps the PoC Button pressed.</li> <li>2. PoC User2 starts talking.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC Chat Session is established between PoC User1/2.</li> <li>2a. PoC User2 receives Right to Speak Indication.</li> <li>2b. PoC User1's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>3. PoC User1 can listen to PoC User2 talking.</li> </ol> |

#### 6.1.7.1.4 Implicit Talk Burst Control, Right to Speak, request (INVITE) when re-joining an Ad-Hoc PoC Group Session, Talk Burst Control indicates taken -> Talk Burst denied

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0503  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that Talk Burst is denied when the Talk Burst Control Indication is not idle.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC User2/3 and keeps the PoC Button pressed.</li> <li>2. PoC User1 releases the PoC Button.</li> <li>3. PoC User3 leaves the PoC Session.</li> <li>4. PoC User1 presses the PoC Button and starts talking</li> <li>5. PoC User3 re-joins the PoC Session and keeps the PoC Button pressed.</li> </ol> |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC Session is established between PoC User1/2/3.</li> <li>1b. PoC User1 receives the Right to Speak Indication.</li> <li>1c. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2a. PoC User1's PoC Client sends Talk Burst Release Indication.</li> <li>2b. PoC User1/2/3 receives Talk Burst Idle Notification.</li> <li>3. PoC User3 is no longer in PoC Session.</li> <li>4a. PoC User1's PoC Client requests the Right to Speak.</li> <li>4b. PoC User1 receives the Right to Speak Indication.</li> <li>4c. PoC User2's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>4d. PoC User2 can listen to PoC User1 talking.</li> <li>5a. PoC User3 has re-joined the PoC Session with PoC User1/2.</li> <li>5b. PoC User3 received Talk Reject Notification.</li> <li>5c. PoC User3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> </ol> |
|---------------|--|

**6.1.7.1.5 Implicit Talk Burst Control, Right to Speak, request (INVITE) when re-joining a Pre-Arranged PoC Group PoC Group Session, Talk Burst Control indicates taken -> Talk Burst denied**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0504  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that Talk Burst is denied when floor is not idle.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 releases the PoC Button.</li> <li>3. PoC User3 leaves the PoC Session.</li> <li>4. PoC User1 presses the PoC Button and starts talking.</li> <li>5. PoC User3 re-joins the PoC Session and keeps the PoC Button pressed.</li> </ol> |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC Session is established between PoC User1/2/3.</li> <li>1b. PoC User1 receives the Right to Speak Indication.</li> <li>1c. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2a. PoC User1's PoC Client sends Talk Burst Release Indication.</li> <li>2b. PoC User1/2/3 receives Talk Burst Idle Notification.</li> <li>3. PoC User3 is no longer in PoC Session.</li> <li>4a. PoC User1's PoC Client requests the Right to Speak.</li> <li>4b. PoC User1 receives the Right to Speak Indication.</li> <li>4c. PoC User2's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>4d. PoC User2 can listen to PoC User1 talking.</li> <li>5a. PoC User3 has re-joined the PoC Session with PoC User1/2.</li> <li>5b. PoC User3 receives a Talk Reject Notification.</li> <li>5c. PoC User3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> </ol> |
|---------------|--|

**6.1.7.1.6 Implicit Talk Burst Control, Right to Speak, request (INVITE) when joining a Chat PoC Group Session, Talk Burst Control indicates Taken -> Talk Burst denied**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0505   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Talk Burst is denied when floor is not idle.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>Chat PoC Group2 is defined and has PoC User1/2/3 as members.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with Chat PoC Group2.</li> <li>2. PoC User2 establishes a PoC Session with Chat PoC Group2 and keeps PoC Button pressed.</li> <li>3. PoC User2 starts talking.</li> <li>4. PoC User3 establishes a PoC Session with Chat PoC Group2 and keeps the PoC Button pressed.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC Session is established between PoC User1 and Chat PoC Group2.</li> <li>2a. PoC Chat Session is established between PoC User1/2.</li> <li>2b. PoC User2 receives the Right to Speak Indication.</li> <li>2c. PoC User1's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>3. PoC User1 can listen to PoC User2 talking.</li> <li>4a. PoC Chat Session is established between PoC User1/2/3.</li> <li>4b. PoC User3 receives a Talk Reject Notification.</li> <li>4c. PoC User3's PoC Client receives indication that PoC User2 is granted the Right to Speak.</li> <li>4d. PoC User1/3 can listen to PoC User2 talking.</li> </ol> |
|---------------|---|

**6.1.7.1.7 Talk Burst Release**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0506   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Talk Burst Idle Notification is sent to all Participants when floor becomes idle after the PoC User's PoC Client who is granted the Right to Speak sends the Talk Burst Control Release Indication.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User2/3 set to Manual Answer.</p> <p>PoC Group1 is defined and has PoC User1/2/3 as members.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 releases the PoC Button.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC Session is established between PoC User1/2/3.</li> <li>1b. PoC User1 receives the Right to Speak Indication.</li> <li>1c. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1.</li> <li>3a. PoC User1's PoC Client sends Talk Burst Release Indication.</li> <li>3b. PoC User1/2/3 receive Talk Burst Idle Notification.</li> </ol> |

**6.1.7.1.8 Talk Burst Revoke**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0507  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | After the grace period, verify that a Talk Permission Revoke Indication is sent to the talking PoC Client. Verify that the Talk Burst Idle Notifications are sent to all Participants after the Talk Permission Revoke Indication was sent. |
| Specification Reference | Refer to Appendix A.  |

|                |   |
|----------------|---|
| SCR Reference  | Refer to Appendix A.  |
| Tool           | Not available.  |
| Test Code      | Not available.  |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.<br>The T3 timer grace period time out, set to a low number e.g.5 sample  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking and keeps talking past the grace period.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 and PoC User3 accept the invitation.</li> <li>1b. PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2a. PoC User2/3 can listen to PoC User1.</li> <li>2b. After the grace period, PoC User1 receives a Talk Permission Revoke Indication.</li> <li>2c. PoC User1/2/3 receive Talk Burst Idle Notification.</li> </ol> |

### 6.1.7.2 Error Flow

#### 6.1.7.2.1 Talk Burst Control, Right to Speak, Request not Received by PoC Server

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-M-0520  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify the robustness of the PoC Client and PoC Server when the Right to Speak request is not received by the PoC Server.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes an Ad-Hoc PoC Session with PoC User2/3 and keeps the PoC Button pressed.</li> <li>2. PoC User1 releases the PoC Button.</li> <li>3. PoC User1 moves out of the Radio Coverage.</li> <li>4. PoC User1 presses the PoC Button.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ul style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation to the PoC Session.</li> <li>1b. PoC User1 receives the Right to Speak Indication.</li> <li>1c. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2a. PoC User1's PoC Client sends Talk Burst Release Indication.</li> <li>2b. PoC User1/2/3 receive Talk Burst Idle Notification.</li> <li>3. PoC User1's PoC Client has lost all Radio Coverage.</li> <li>4a. PoC User1's PoC Client requests the Right to Speak.</li> <li>4b. After expiration of the Talk Burst Request timer, the PoC User1's Client will request the Right to Speak again.</li> <li>4c. After several attempts, the PoC User1's PoC Client stops requesting the Right to Speak.</li> <li>4d. After expiration of the T4 Inactivity timer, the Ad-Hoc PoC Session will be terminated by the PoC Server.</li> </ul> |
|---------------|---|

**6.1.7.2.2 Talk Burst Control Granted (or Deny) not Received by PoC Client**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0521   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify the robustness of the PoC Client and PoC Server when the PoC Client does not receive the Right to Speak Indication.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.   |
| Test Procedure          | <ul style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC User2.</li> <li>2. PoC User1 presses the PoC Button and moves out of Radio Coverage.</li> </ul>   |
| Pass-Criteria           | <ul style="list-style-type: none"> <li>1a. PoC User2 accepts the invitation to the PoC Session.</li> <li>1b. PoC Session is established between PoC User1/2.</li> <li>2a. PoC User1's PoC Client requests the Right to Speak.</li> <li>2b. PoC Server sends the Right to Speak Indication to PoC User1.</li> <li>2c. PoC User1 goes out of Radio Coverage prior to receiving the Right to Speak Indication.</li> <li>2d. PoC User2's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2e. After expiration of the Talk Burst Request timer, PoC User1's Client requests the Right to Speak again.</li> <li>2f. After several attempts, PoC User1's PoC Client stops requesting the Right to Speak.</li> <li>2g. After the grace period, the PoC Server sends a Talk Permission Revoke Indication to PoC User1.</li> <li>2h. The PoC Server sends Talk Burst Idle Notification to PoC User1/2.</li> <li>2i. PoC User2 received Talk Burst Idle Notification.</li> </ul> |

### 6.1.7.2.3 Talk Burst Release Indication not Received by PoC Server

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-M-0522   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify the robustness of the PoC Client and PoC Server when the PoC Server does not receive sends Talk Burst Release Indication.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC User2 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 moves out of Radio Coverage while talking.</li> <li>4. PoC User1 releases the PoC Button.</li> <li>5. PoC User1 moves back into Radio Coverage.</li> <li>6. PoC User1 presses the PoC Button.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2 accepts the invitation and a PoC Session is established between PoC User1/2.</li> <li>1b. PoC User1 receives the Right to Speak Indication.</li> <li>1c. PoC User2's PoC Client receives indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2 listens to PoC User1.</li> <li>3a. PoC User2 stops listening to PoC User1 as PoC User1 is moving out of Radio Coverage.</li> <li>3b. After the grace period, the PoC Server sends a Talk Permission Revoke Indication to PoC User1.</li> <li>3c. The PoC Server sends Talk Burst Idle Notification to PoC User1/2.</li> <li>3d. PoC User2 receives Talk Burst Idle Notification.</li> <li>4a. PoC User1's PoC Client sends Talk Burst Release Indication.</li> <li>4b. After expiration of the Talk Burst Release request timer, PoC User1's Client resends the Talk Burst Release Indication again.</li> <li>4c. After several attempts, PoC User1's PoC Client stops sending the Talk Burst Release Indication and PoC User1's PoC Client shall go into Talk Burst Idle state.</li> <li>5. PoC User1 receives Talk Burst Idle.</li> <li>6a. PoC User1's Client requests the Right to Speak.</li> <li>6b. PoC User1 receives the Right to Speak Indication.</li> <li>6c. PoC User2's PoC Client receives indication that PoC User1 is granted the Right to Speak.</li> </ol> |

## 6.1.8 XDM Group Actions

### 6.1.8.1 Normal Flow

#### 6.1.8.1.1 PoC user defines multiple PoC Group documents.

|                                |  |
|--------------------------------|--|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0701   |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS   |
| <b>Test Case Description</b>   | Verify each PoC user is able to define multiple PoC Group documents.   |
| <b>Specification Reference</b> | Refer to Appendix A.   |
| <b>SCR Reference</b>           | Refer to Appendix A.   |
| <b>Tool</b>                    | Not available  |
| <b>Test code</b>               | Not available  |
| <b>Preconditions</b>           | PoC Users 1/2/3/4 are valid user identities.   |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>PoC User 1 defines PoC GroupA, with PoC User 1, PoC User 2 and PoC User 3 as members.</li> <li>PoC User 1 defines PoC GroupB, with PoC User 2 and PoC User 4 as members.</li> <li>PoC User 1 reads groups and members.</li> </ol>                                     |
| <b>Pass-Criteria</b>           | <ol style="list-style-type: none"> <li>PoC GroupA successfully defined (no error message).</li> <li>PoC GroupB successfully defined (no error message).</li> <li>PoC User 1 sees that PoC user 1, PoC User 2 and PoC User 3 are in GroupA, and that PoC User 2 and PoC User 4 are in PoC GroupB .</li> </ol> |

#### 6.1.8.1.2 “Duplicate Entry” Validation Constraints for the PoC Group document.

|                                |  |
|--------------------------------|--|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0702   |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS   |
| <b>Test Case Description</b>   | Verify that PoC client and server both are able to support the “Duplicate Entry” Validation Constraints for the PoC Group document.    |
| <b>Specification Reference</b> | Refer to Appendix A.   |
| <b>SCR Reference</b>           | Refer to Appendix A.   |
| <b>Tool</b>                    | Not available  |
| <b>Test code</b>               | Not available  |
| <b>Preconditions</b>           | PoC User 1 has defined PoC GroupA, with PoC User 2 and PoC User 3 as members.  |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>PoC User 1 attempts to add PoC User 2 to GroupA.</li> </ol>                                     |
| <b>Pass-Criteria</b>           | <ol style="list-style-type: none"> <li>XDM server rejects attempt. PoC User 1 sees error message such as: “Duplicate Entry”</li> </ol> |



**6.1.8.1.3 <invite members> Data Semantics of the PoC Group document.**

|                                |  |
|--------------------------------|--|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0703   |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS   |
| <b>Test Case Description</b>   | Verify the PoC client and server both are able to support the <invite members> Data Semantics of the PoC Group document  |
| <b>Specification Reference</b> | Refer to Appendix A.   |
| <b>SCR Reference</b>           | Refer to Appendix A.   |
| <b>Tool</b>                    | Not available  |
| <b>Test code</b>               | Not available  |
| <b>Preconditions</b>           | PoC Users 1/2/3/4 are valid user identities.<br>Users are set to Auto-answer.  |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>PoC User 1 defines PoC GroupC as Restricted PoC Chat Group (&lt;invite members&gt; = &lt;false&gt;), with PoC User 1, PoC User 2 and PoC User 3 as members.</li> <li>PoC User 1 initiates session with PoC GroupC.</li> <li>PoC User 1 leaves the session with PoC GroupC.</li> <li>PoC User 1 defines PoC GroupD as Pre-arranged PoC Group (&lt;invite members&gt; = &lt;true&gt;), with PoC User 1, PoC User 2 and PoC User 4 as members.</li> <li>PoC User 1 initiates session with PoC GroupD.</li> </ol> |
| <b>Pass-Criteria</b>           | <ol style="list-style-type: none"> <li>XDM server accepts PoC GroupC. (no error message)</li> <li>The PoC server does not invite other group members to the PoC Chat Group session. PoC User 1 MAY see indication that this is a Chat Group session.</li> <li>PoC User 1 is not in a PoC session.</li> <li>XDM server accepts PoC GroupD (no error message).</li> <li>The server invites group members, User 2 and User 4, to the PoC Pre-arranged Group session.</li> </ol>   |

**6.1.8.1.4 <max participant count> Data Semantics of the PoC Group document, and XDMS Validation Constraints on <max participant count>.**

|                                |   |
|--------------------------------|---|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0704  |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS  |
| <b>Test Case Description</b>   | Verify the PoC client and server both are able to support the <max participant count> Data Semantics of the PoC Group document, and the XDMS applies the Validation Constraints on <max participant count>. |
| <b>Specification Reference</b> | Refer to Appendix A.  |
| <b>SCR Reference</b>           | Refer to Appendix A.  |
| <b>Tool</b>                    | Not available   |

|                       |   |
|-----------------------|---|
| <b>Test code</b>      | Not available   |
| <b>Preconditions</b>  | XDM server is provisioned to determine that the highest value for <max-participant-count> is N (for example N=7).<br>PoC User 1 has at least one PoC Group (X) defined.   |
| <b>Test Procedure</b> | <ol style="list-style-type: none"> <li>PoC User 1 sets &lt;max-participant-count&gt; for PoC group X to N-1.</li> <li>PoC User 1 resets &lt;max-participant-count&gt; for PoC group X to N.</li> <li>PoC User 1 resets &lt;max-participant-count&gt; for PoC group X to N+1.</li> </ol> |
| <b>Pass-Criteria</b>  | <ol style="list-style-type: none"> <li>Action accepted by the server. (no error message)</li> <li>Action accepted by the server. (no error message)</li> <li>Action rejected by the server. PoC User 1 sees message such as “Maximum number of participants exceeded”.</li> </ol>       |

**6.1.8.1.5 <join handling> Data Semantics of the PoC Group document.**

|                                |   |
|--------------------------------|---|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0705  |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS  |
| <b>Test Case Description</b>   | Verify the PoC client and server both are able to support the <join handling> Data Semantics of the PoC Group document  |
| <b>Specification Reference</b> | Refer to Appendix A.  |
| <b>SCR Reference</b>           | Refer to Appendix A.  |
| <b>Tool</b>                    | Not available   |
| <b>Test code</b>               | Not available   |
| <b>Preconditions</b>           | PoC Users 1/2/3/4 are valid user identities.<br>All users are set to Auto-answer.<br><join handling> default is <block>/<allow> - determines which set of Pass Criteria to apply.   |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>PoC User 1 defines PoC GroupF as Pre-arranged Group, with PoC User 1, PoC User 2, PoC User 3, and PoC User 4 as members. PoC User 2 and PoC User 3 &lt;join handling&gt; set to &lt;allow&gt;. PoC User 4 &lt;join handling&gt; set to &lt;block&gt;. (PoC User 1 &lt;join handling&gt; not set.)</li> <li>PoC User 2 initiates session with PoC GroupF.</li> </ol>  |
| <b>Pass-Criteria</b>           | <p>** Pass criteria with &lt;join handling&gt; default = &lt;block&gt; **</p> <ol style="list-style-type: none"> <li>PoC Server sends invitation request to the PoC User 3. PoC User 1 and PoC User 4 do not receive invitation.</li> </ol> <p>** Pass criteria with &lt;join handling&gt; default = &lt;allow&gt; **</p> <ol style="list-style-type: none"> <li>PoC server sends invitation request to PoC User 1 and PoC User 3., PoC User 4 does not receive invitation..</li> </ol> |

### 6.1.8.1.6 <allow-initiate-conference> Data Semantics of the PoC Group document.

|                                |   |
|--------------------------------|---|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0706  |
| <b>Test Object</b>             | PoC XDMS, PoC XDMS  |
| <b>Test Case Description</b>   | Verify the PoC client and server both are able to support the <allow-initiate-conference> Data Semantics of the PoC Group document  |
| <b>Specification Reference</b> | Refer to Appendix A.  |
| <b>SCR Reference</b>           | Refer to Appendix A.  |
| <b>Tool</b>                    | Not available   |
| <b>Test code</b>               | Not available   |
| <b>Preconditions</b>           | <p>PoC Users 1/2/3/4 are valid user identities.</p> <p>All users are set to Auto-answer.</p> <p>&lt;join handling&gt; is set to &lt;allow&gt; for PoC Users 1/2/3/4.</p> <p>&lt;allow-initiate-conference&gt; default is &lt;false&gt;/&lt;true&gt; - determines which set of Pass Criteria to apply.</p>   |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>PoC User 1 defines PoC GroupF as Pre-arranged Group, with PoC User 1, PoC User 2, PoC User 3, and PoC User 4 as members. PoC User 3 &lt;allow-initiate-conference&gt; set to &lt;true&gt;. PoC User 4 &lt;allow-initiate-conference&gt; set to &lt;false&gt;. (PoC User 1/2 &lt;allow-initiate-conference&gt; not set. i.e. they have default settings.)</li> </ol> <p>** Test Procedure for &lt;allow-initiate-conference&gt; default = &lt;false&gt; **</p> <ol style="list-style-type: none"> <li>PoC User 1 initiates session with PoC GroupF.</li> <li>PoC User 2 initiates session with PoC GroupF.</li> <li>PoC User 3 initiates session with PoC GroupF.</li> <li>PoC Users leave session.</li> <li>PoC User 4 initiates session with PoC GroupF.</li> </ol> <p>** Test Procedure for &lt;allow-initiate-conference&gt; default = &lt;true&gt; **</p> <ol style="list-style-type: none"> <li>PoC User 1 initiates session with PoC GroupF.</li> <li>PoC Users leave session.</li> <li>PoC User 2 initiates session with PoC GroupF.</li> <li>PoC Users leave session.</li> <li>PoC User 3 initiates session with PoC GroupF.</li> <li>PoC Users leave session.</li> <li>PoC User 4 initiates session with PoC GroupF.</li> </ol> |

|                      |  |
|----------------------|--|
| <b>Pass-Criteria</b> | <p>1. XDM server accepts GroupF (no error messages).<br/>Pass criteria with &lt;allow-initiate-conference&gt; default = &lt;false&gt;</p> <p>2. PoC Server rejects session. User 1 sees message such as; “Forbidden”.</p> <p>3. PoC Server rejects session. User 2 sees message such as; “Forbidden”.</p> <p>4. PoC server accepts session. PoC Users 1/2/3/4 invited.</p> <p>5. PoC Session ends.</p> <p>6. PoC Server rejects session. User 4 sees message such as; “Forbidden”.</p> <p>Pass criteria with &lt;allow-initiate-conference&gt; default = &lt;true&gt;</p> <p>2. PoC server accepts session. PoC Users 1/2/3/4 invited.</p> <p>3. PoC Session ends.</p> <p>4. PoC server accepts session. PoC Users 1/2/3/4 invited..</p> <p>5. PoC Session ends.</p> <p>6. PoC server accepts session. PoC Users 1/2/3/4 invited..</p> <p>7. PoC Session ends.</p> <p>8. PoC Server rejects session. PoC User 4 sees message such as; “Forbidden”.</p> |
|----------------------|--|

**6.1.8.1.7 <invite additional users dynamically> Data Semantics of the PoC Group document.**

|                                |  |
|--------------------------------|--|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0707   |
| <b>Test Object</b>             | PoC XDMS, PoC XDMS   |
| <b>Test Case Description</b>   | Verify that PoC client and server both are able to support the <invite additional users dynamically> Data Semantics of the PoC Group document  |
| <b>Specification Reference</b> | Refer to Appendix A.   |
| <b>SCR Reference</b>           | Refer to Appendix A.   |
| <b>Tool</b>                    | Not available  |
| <b>Test code</b>               | Not available  |
| <b>Preconditions</b>           | <p>PoC Users 1/2/3/4 are valid user identities.</p> <p>All users are set to Auto-answer.</p> <p>&lt;join handling&gt; is set to &lt;allow&gt; for PoC Users 1/2/3/4.</p> <p>&lt;invite additional users dynamically&gt; default is &lt;false&gt;</p> |

|                       |   |
|-----------------------|---|
| <b>Test Procedure</b> | <ol style="list-style-type: none"> <li>PoC User 1 defines PoC GroupF as Pre-arranged Group, with PoC User 1, PoC User 2, and PoC User 3 as members. PoC User 2 &lt;invite additional users dynamically&gt; set to &lt;true&gt;. PoC User 3 &lt;invite additional users dynamically&gt; set to &lt;false&gt;. (PoC User 1/4 &lt;invite additional users dynamically&gt; not set. i.e. they have default settings.)</li> <li>PoC User 1 initiates session with PoC GroupF.</li> <li>PoC User 1 invites PoC User 4 to join session with PoC GroupF.</li> <li>PoC User 2 invites PoC User 4 to join session with PoC GroupF.</li> <li>PoC User 4 accepts the invitation.</li> <li>PoC User 4 leaves the session.</li> <li>PoC User 3 invites User 4 to join session with PoC GroupF.</li> </ol> |
| <b>Pass-Criteria</b>  | <ol style="list-style-type: none"> <li>XDM server accepts the PoC User</li> <li>Session starts, with PoC Users 1/2/3.</li> <li>PoC server rejects request. PoC User 1 sees message such as “Forbidden”. PoC User 4 is not notified.</li> <li>PoC server invites PoC User 4.</li> <li>PoC User 4 gets connected to the PoC Session.</li> <li>PoC User 4 gets disconnected from the PoC session.</li> <li>PoC server rejects request. User 3 sees message such as “Forbidden”. User 4 is not notified.</li> </ol>   |

**6.1.8.1.8 <allow anonymity> Data Semantics of the PoC Group document.**

|                                |  |
|--------------------------------|--|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0708   |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS   |
| <b>Test Case Description</b>   | Verify the PoC client and server both are able to support the <allow anonymity> Data Semantics of the PoC Group document   |
| <b>Specification Reference</b> | Refer to Appendix A.   |
| <b>SCR Reference</b>           | Refer to Appendix A.   |
| <b>Tool</b>                    | Not available  |
| <b>Test code</b>               | Not available  |
| <b>Preconditions</b>           | <p>PoC Users 1/2/3 are valid user identities.</p> <p>All users are set to Auto-answer.</p> <p>&lt;join handling&gt; is set to &lt;allow&gt; for PoC Users 1/2/3.</p> <p>&lt;allow anonymity&gt; default is &lt;false&gt;</p>   |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>PoC User 1 defines PoC GroupF as Pre-arranged Group, with PoC User 1, PoC User 2, and PoC User 3, as members. PoC User 2 &lt;allow anonymity &gt; set to &lt;true&gt;. PoC User 3 &lt;allow anonymity&gt; set to &lt;false&gt;. (PoC User 1 &lt;allow anonymity&gt; not set. i.e.It has default setting.)</li> <li>PoC User 1 requests anonymity, initiates session with PoC GroupF.</li> <li>PoC User 2 requests anonymity, initiates session with PoC GroupF.</li> <li>PoC Users leave session.</li> <li>PoC User 3 requests anonymity, initiates session with GroupF.</li> </ol> |

|                      |  |
|----------------------|--|
| <b>Pass-Criteria</b> | <ol style="list-style-type: none"> <li>1. XDM server accepts PoC User 1 actions.</li> <li>2. PoC server rejects session. User 1 sees message such as “Forbidden”. Other PoC Users are not notified..</li> <li>3. Session starts, with PoC Users 1/2/3. PoC Users 1/3 cannot see identity of PoC User 2. .</li> <li>4. PoC Session ends..</li> <li>5. PoC server rejects session. User 3 sees message such as “Forbidden”. Other PoC Users are not notified.</li> </ol> |
|----------------------|--|

**6.1.8.1.9 <allow-conference-state> Data Semantics of the PoC Group document.**

|                                |  |
|--------------------------------|--|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0709   |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS   |
| <b>Test Case Description</b>   | Verify that PoC client and server both are able to support the <allow-conference-state> Data Semantics of the PoC Group document   |
| <b>Specification Reference</b> | Refer to Appendix A.   |
| <b>SCR Reference</b>           | Refer to Appendix A.   |
| <b>Tool</b>                    | Not available  |
| <b>Test code</b>               | Not available  |
| <b>Preconditions</b>           | <p>PoC Users 1/2/3/4 are valid user identities.</p> <p>All users are set to Auto-answer.</p> <p>&lt;join handling&gt; is set to &lt;allow&gt; for PoC Users 1/2/3/4.</p> <p>&lt;allow-conference-state&gt; default is &lt;false&gt;</p>  |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>1. PoC User 1 defines PoC GroupF as Pre-arranged Group, with PoC User 1, PoC User 2, and PoC User 3 as members. PoC User 2 &lt;allow-conference-state&gt; set to &lt;false&gt;. PoC User 3 &lt;allow-conference-state&gt; set to &lt;true&gt;. (PoC User 1 &lt;allow-conference-state&gt; not set.)</li> <li>2. User 1 initiates session with GroupF.</li> <li>3. User 1 requests participant information.</li> <li>4. User 2 requests participant information.</li> <li>5. User 3 requests participant information.</li> <li>6.</li> </ol> |
| <b>Pass-Criteria</b>           | <ol style="list-style-type: none"> <li>1. XDM server accepts PoC GroupF.</li> <li>2. PoC Session starts, including PoC Users 1/2/3</li> <li>3. PoC server does not allow PoC User 1 to obtain participant information during the session. PoC User 1 may see message such as “Forbidden”.</li> <li>4. PoC server does not allow PoC User 2 to obtain participant information during the session. PoC User 2 may see message such as “Forbidden”..</li> <li>5. PoC server provides participant information for display to PoC User 3 during session.</li> </ol>                     |

## 6.1.9 XDM List actions

### 6.1.9.1 Normal flow

#### 6.1.9.1.1 PoC User Access Policy structure: Data Semantics.

|                                |   |
|--------------------------------|---|
| <b>Test Case Id</b>            | PoC-1.0-int-M-0801  |
| <b>Test Object</b>             | PoC XDMC, PoC XDMS  |
| <b>Test Case Description</b>   | Verify that PoC client and server both are able to support the PoC User Access Policy structure: Data Semantics for “accept”, “pass”, “reject”.   |
| <b>Specification Reference</b> | Refer to Appendix A.  |
| <b>SCR Reference</b>           | Refer to Appendix A.  |
| <b>Tool</b>                    | Not available   |
| <b>Test code</b>               | Not available   |
| <b>Preconditions</b>           | <p>PoC Users 1/2/3/4 are valid user identities.</p> <p>All users are set to Auto-answer.</p> <p>Access Policy default is &lt;reject&gt;/&lt;pass&gt; - determines which set of Pass Criteria to apply.</p>  |
| <b>Test Procedure</b>          | <ol style="list-style-type: none"> <li>1. PoC User 1 sets up list of contacts, with Access Policy set to: PoC User 2 &lt;accept&gt;; PoC User 3 as &lt;pass&gt;; (PoC User 4 has Access Policy undefined. i.e. set to default value).</li> <li>2. PoC User 2 attempts 1:1 PoC invitation to PoC User 1.</li> <li>3. PoC Users end session.</li> <li>4. PoC User 3 attempts 1:1 PoC invitation to PoC User 1. PoC User 1 accepts the invitation.</li> <li>5. PoC Users end session.</li> <li>6. PoC User 1 resets Access Policy for PoC User 3 to &lt;reject&gt;.</li> <li>7. PoC User 3 attempts 1:1 PoC invitation to PoC User 1.</li> <li>8. PoC User 4 attempts 1:1 PoC invitation to PoC User 1.</li> </ol> |

|                      |   |
|----------------------|---|
| <b>Pass-Criteria</b> | <ol style="list-style-type: none"> <li>1. PoC XDMS accepts list actions. (no error messages).</li> <li>2. User 1 receives the invite by automatic answer. PoC session is established.</li> <li>3. PoC Session ends.</li> <li>4. PoC User 1 receives the invite by manual answer. PoC session is established.</li> <li>5. PoC Session ends.</li> <li>6. PoC XDMS accepts list action. (no error message).</li> <li>7. User 1 does not receive the invite. User 3 receives an error message such as ; “Forbidden”.</li> </ol> <p>** Pass criteria with Access Policy default = &lt;reject&gt;. **</p> <ol style="list-style-type: none"> <li>8. User 1 does not receive the invite. User 4 receives an error message such as; “Forbidden”.</li> </ol> <p>** Pass criteria with Access Policy default = &lt;pass&gt;. **</p> <ol style="list-style-type: none"> <li>8. User 1 receives the invite by manual answer.</li> </ol> |
|----------------------|---|

## 6.2 Optional Test Cases

This section lists the steps needed for an optional test case.

### 6.2.1 PoC Session Initiation, Joining, and Termination

#### 6.2.1.1 Normal Flow

##### 6.2.1.1.1 Pre-Established Session Establishment

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0200  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that Pre-Established Session is properly established.  |
| Specification Reference | Refer to Appendix A   |
| SCR Reference           | Refer to Appendix A   |
| Tool                    | Not Available   |
| Test code               | Not Available   |
| Preconditions           | <p>PoC Server has active accounts for PoC User1/2/3</p> <p>PoC User1 has enabled Pre-Established Session and is de-registered from SIP/IP Core</p> <p>PoC User2/3 set for Manual Answer</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 registers with SIP/IP Core</li> <li>2. PoC User1 initiates an Ad-Hoc Group Session to PoC User2/3</li> <li>3. PoC User2/3 accept PoC Session request</li> <li>4. PoC User1 sends Talk Burst Request and starts talking</li> <li>5. PoC User1 releases Talk Burst Control</li> <li>6. PoC User2 sends Talk Burst Request and starts talking</li> </ol> |



|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>2. The media session is established.</li> <li>3. PoC User1 gets Right to Speak Indication.</li> <li>4. PoC User2/3 listen to PoC User1 talking</li> <li>5. PoC User2 gets Right-to-Speak Indication and PoC User1/3 listen to PoC User2 talking</li> </ol> |
|---------------|---|

**6.2.1.1.2 Ad-Hoc PoC Group Session Establishment (Pre-Established Session): Confirmed Indication**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0201  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that Ad-Hoc PoC Group Session is properly established and the Inviting PoC Client can get a Right to Speak Indication when the first Invited PoC Client accepts the session.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.</p> <p>PoC User2/3 set to Manual Answer.</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends an invitation for group session to PoC User2/3.</li> <li>2. PoC User2 accepts PoC Session request.</li> <li>3. PoC User1 gets the Right to Speak Indication and starts talking.</li> <li>4. PoC User3 accepts PoC Session request.</li> <li>5. PoC User1 sends Talk Burst Release Indication.</li> <li>6. PoC User3 sends Talk Burst Request.</li> <li>7. PoC User3 starts talking.</li> <li>8. PoC User3 sends Talk Burst Release Indication.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC Users2/3 receive invitations to an Ad-Hoc PoC Group and are prompted to accept or reject the invitation.</li> <li>2. PoC User2 is connected into the session and PoC User1 is granted Talk Burst Control.</li> <li>3. PoC User2 listens PoC User1 talking and shows that PoC User1 has Talk Burst.</li> <li>4a. PoC User3 is connected into the session.</li> <li>4b. PoC User3 listens PoC User1 talking and shows that PoC User1 has Talk Burst.</li> <li>5. All PoC Users show Talk Burst Idle.</li> <li>6. PoC User3 is granted Talk Burst.</li> <li>7. PoC User1/2 listen to PoC User3 talking.</li> <li>8. PoC User1/2/3 show Talk Burst Idle.</li> </ol> |

**6.2.1.1.3 1-to-1 PoC Session Establishment: (Pre-Established Session): Confirmed Indication**

|              |                    |
|--------------|--------------------|
| Test Case Id | PoC-1.0-int-O-0202 |
|--------------|--------------------|

|                         |  |
|-------------------------|--|
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that 1-to-1 PoC Session is properly established and the Inviting PoC Client can get a Right to Speak Indication when the Invited PoC Client accepts the session.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.<br>PoC User2 is set to Manual Answer.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends an invitation for a 1-to-1 PoC Session to PoC User2.</li> <li>2. PoC User2 accepts PoC Session invitation.</li> <li>3. PoC User1 gets the Right to Speak Indication and starts talking.</li> <li>4. PoC User1 sends Talk Burst Release Indication.</li> <li>5. PoC User2 sends Talk Burst Request.</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User2 sends Talk Burst Release Indication.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2 receives an invitation to a 1-to-1 PoC Session from PoC User1.</li> <li>1b. PoC User2 is prompted to accept or reject the invitation from PoC User1.</li> <li>2a. PoC User1 receives Talk Burst confirmation (i.e., PoC User1 is granted Talk Burst Control).</li> <li>2b. The 1-to-1 PoC Session is successfully established.</li> <li>3. PoC User2 listens to PoC User1 talking.</li> <li>4. PoC User1/2 show Talk Burst Idle.</li> <li>5. PoC User2 is granted the Talk Burst.</li> <li>6. PoC User1 listens PoC User1 talking.</li> <li>7. PoC User1/2 show Talk Burst Idle.</li> </ol> |

#### 6.2.1.1.4 Ad-Hoc PoC Group Session Establishment (Pre-Established Session): Invited PoC Client (Automatic Answer)

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0203  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the Ad-Hoc PoC Group Session is properly established and the invitation is accepted automatically by the Invited PoC Client. The Inviting PoC Client can get a Right to Speak Indication when the first Invited PoC Client accepts the session. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.</p> <p>PoC User2 is set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p> <p>PoC User3 is set to Manual Answer.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 sends a group session request to PoC User2/3.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User3 accepts the invitation.</li> <li>4. PoC User1 releases Talk Burst Control.</li> <li>5. PoC User3 sends a Talk Burst Request.</li> <li>6. PoC User3 starts talking.</li> <li>7. PoC User3 sends a Talk Burst Release Indication.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2/3 receive the request and PoC User2 automatically accepts the invitation from PoC User1.</li> <li>1b. PoC User1 gets a Right to Speak Indication after the first accept response is received.</li> <li>2. PoC User2 listens to PoC User1 talking. (Note: If one PoC User's accept is delayed by much w.r.t. the other, then the PoC User whose accept was received last may miss the beginning of PoC User1's speech.)</li> <li>3. PoC User3 listens PoC User1 talking.</li> <li>4. PoC User1/2/3 show Talk Burst Idle.</li> <li>5. PoC User3 is granted the Talk Burst.</li> <li>6. PoC User1/2 listen to PoC User3 talking.</li> <li>7. PoC User1/2/3 show Talk Burst Idle.</li> </ol> |

**6.2.1.1.5 1-to-1 PoC Session Establishment (Pre-Established Session): Invited PoC Client (Automatic Answer)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0204   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that 1-to-1 PoC Session is properly established and the invitation is accepted automatically answered. The Inviting PoC Client can get a Right to Speak Indication when the Invited PoC Client accepts the session.                     |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.</p> <p>PoC User2 is set to Automatic Answer.</p> <p>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept</p> |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 sends a 1-to-1 PoC Session request to PoC User2 and sends a Talk Burst Request.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 releases Talk Burst Control.</li> <li>4. PoC User2 sends a Talk Burst Request.</li> <li>5. PoC User2 starts talking.</li> <li>6. PoC User2 sends a Talk Burst Release Indication.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 receives the request and automatically accepts the invitation from PoC User1.</li> <li>1b. PoC User1 gets a Right to Speak Indication after the response is received.</li> <li>2. PoC User2 listens to PoC User1 talking.</li> <li>3. PoC User1/2 show Talk Burst Idle.</li> <li>4. PoC User2 is granted the Talk Burst.</li> <li>5. PoC User1 listens to PoC User1 talking.</li> <li>6. PoC User1/2 show Talk Burst Idle.</li> </ol> |

**6.2.1.1.6 Ad-Hoc PoC Group Session Establishment (Pre-Established Session): Invited PoC Client (Manual Answer)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0205   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Ad-Hoc PoC Session is properly established and the Invited PoC Client(s) alert. The Inviting PoC Client can get a Right to Speak Indication when the first Invited PoC PoC User accepts the session.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.<br>PoC User2/3 set to Manual Answer.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends a group session request to PoC User2/3.</li> <li>2. PoC User2/3 accept the invitation manually.</li> <li>3. PoC User1 receives Right to Speak Indication and starts talking.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2/3 receive an invitation from PoC User1.</li> <li>1b. The PoC Client of PoC User2/3 is alerting.</li> <li>2. PoC User1 receives the Right to Speak Indication after the first accept response is received.</li> <li>3. PoC User2/3 listen to PoC User1 talking.</li> </ol> |

**6.2.1.1.7 Ad-Hoc PoC Group Session Establishment (Pre-Established Session): Unconfirmed Indication (Invited PoC User(s) set for Automatic Answer)**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-O-0206     |
| Test Object  | PoC Client, PoC Server |

|                         |  |
|-------------------------|--|
| Test Case Description   | Verify that Ad-Hoc PoC Group Session is properly established and Unconfirmed Indication is sent to the Inviting PoC Client before the Invited PoC Client accepts the invitation. The Inviting PoC Client can get a Right to Speak Indication.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.<br>PoC User2 is set to Automatic Answer.<br>PoC User3 is set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept<br>PoC Server supports Unconfirmed Indication. |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends an invitation for a group session to PoC User2/3.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User3 accepts the invitation.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2 automatically accepts the invitation.</li> <li>1b. PoC User1 gets a Right to Speak Indication.</li> <li>2. PoC User2 listens to PoC User1 talking.</li> <li>3. PoC User3 listens to PoC User1 talking.</li> </ol>   |

#### 6.2.1.1.8 Session Establishment (Pre-Established Session): Unconfirmed Indication (Invited PoC User set for Automatic Answer)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0207   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that 1-to-1 PoC Session is properly established and Unconfirmed Indication is sent to the Inviting PoC Client before Invited PoC Client accepts the invitation. The Inviting PoC Client can get a Right to Speak Indication.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.<br>PoC User2 is set to Automatic Answer, and is registered to the PoC service.<br>Unconfirmed Indication.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User2 removes the battery.</li> <li>2. PoC User1 sends an invitation for a 1-to-1 PoC Session to PoC User2 and sends a Talk Burst Request.</li> <li>3. PoC User1 starts talking.</li> <li>4. PoC User2 replaces the battery and registers to the service.</li> </ol> |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>2. PoC User1 gets a Right to Speak Indication.</li> <li>4. PoC User2 automatically accepts the invitation and listens to PoC User1 talking.</li> </ol>  |

**6.2.1.1.9 On-Demand Session Establishment – Ad-Hoc PoC Group Session: Unconfirmed Indication (Invited PoC User set for Automatic Answer)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0208  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the Ad-Hoc PoC Group Session is properly established on-demand and Unconfirmed Indication is sent to the Inviting PoC Client before the Invited PoC Client accepts the invitation. The Inviting PoC Client can get a Right to Speak Indication. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server has on-demand session for PoC User1/2/3.</p> <p>PoC User2/3 set to Automatic Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends an invitation for a group session to PoC User2/3.</li> <li>2. PoC User1 starts talking.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2/3 automatically accept the invitation.</li> <li>1b. PoC User1 gets a Right to Speak Indication.</li> <li>2. PoC User2/3 listen to PoC User1 talking.</li> </ol>  |

**6.2.1.1.10 On-Demand Session Establishment – 1-to-1 PoC Session: Unconfirmed Indication (Invited PoC User set for Automatic Answer)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0209  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that 1-to-1 PoC Session is properly established on-demand and Unconfirmed Indication is sent to the Inviting PoC Client before the Invited PoC Client accepts the invitation. The Inviting PoC Client can get a Right to Speak Indication. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                |   |
|----------------|---|
| Preconditions  | PoC Server has on-demand session for PoC User1/2.<br>PoC User2 is set to Automatic Answer.<br>PoC User2's Access List is setup such that PoC User1 is set for Access List: Accept |
| Test Procedure | 1. PoC User1 sends an invitation for a 1-to-1 PoC Session to PoC User2.<br>2. PoC User1 starts talking.   |
| Pass-Criteria  | 1a. PoC User2 automatically accepts the invitation.<br>1b. PoC User1 gets a Right to Speak Indication.<br>2. PoC User2 listens to PoC User1 talking.                              |

**6.2.1.1.11 On-Demand Session Establishment – Pre-Arranged PoC Group Session: Unconfirmed Indication (Invited PoC User(s) set for Automatic Answer)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0210  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the Pre-Arranged PoC Group Session is properly established on-demand and Unconfirmed Indication is sent to the Inviting PoC Client before the Invited PoC Client accepts the invitation. The Inviting PoC Client can get a Right to Speak Indication. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server has Pre-Arranged PoC Group1 defined and has PoC User1/2/3 as members.<br>PoC User2/3 set to Automatic Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept   |
| Test Procedure          | 1. PoC User1 sends an invitation to the pre-defined Group1.<br>2. PoC User1 starts talking.   |
| Pass-Criteria           | 1a. PoC User2/3 automatically accept the invitation.<br>1b. PoC User1 gets a Right to Speak Indication.<br>2. PoC User2/3 listen to PoC User1 talking.  |

**6.2.1.1.12 Pre-arranged PoC Group Session Establishment (Pre-Established Session) - Confirmed Indication**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0211  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that Pre-Arranged PoC Group Session is properly established and the Inviting PoC Client can get Right to Speak Indication when the first Invited PoC Client accepts the Session. |
| Specification Reference | Refer to Appendix A   |
| SCR Reference           | Refer to Appendix A   |
| Tool                    | Not Available   |
| Test code               | Not Available   |

|                |   |
|----------------|---|
| Preconditions  | PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1<br>PoC Server has Pre-Arranged Group1 defined and has PoC User1/2/3 as members<br>PoC User2/3 set to Manual Answer                                       |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 sends an invitation to Pre-Defined Group1</li> <li>PoC User2/3 accept the invitation manually</li> <li>PoC User1 starts talking</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User2/3 receive the invitation to Pre-Defined Group1 <ol style="list-style-type: none"> <li>PoC User1 gets Right to Speak Indication</li> </ol> </li> <li>PoC User2/3 listen to PoC User1 talking</li> </ol> |

#### 6.2.1.1.13 Leaving PoC Session in Pre-Established Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0212  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Client is able to leave from a Pre-Established Session properly based on session policy.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server has ongoing Pre-Established Session with PoC User1/2/3 (for which PoC User1 was the initiator).  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User2 leaves the Pre-Established Session.</li> <li>PoC User3 sends a Talk Burst Request.</li> <li>PoC User3 starts talking.</li> <li>PoC User3 sends a Talk Burst Release Indication.</li> </ol>                         |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 is disconnected from the session.</li> <li>PoC User3 is granted the Talk Burst.</li> <li>Session is still ongoing; PoC User1 listens to PoC User3 talking.</li> <li>All PoC Users show Talk Burst Idle.</li> </ol> |

#### 6.2.1.1.14 Re-Join a PoC Session in Pre-Established Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0213  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Client is able to re-join an Ad-Hoc PoC Group Session (using Pre-Established Session) properly. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |



|                |   |
|----------------|---|
| Preconditions  | PoC Server has Ad-Hoc Pre-Established Session with PoC User1/2/3 for which PoC User1 was the initiator.<br><br>In continuation of test case PoC-1.0-int-O-0212, PoC User2 is disconnected from the ongoing session.   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User2 re-joins ongoing Ad-Hoc PoC Group Session.</li> <li>2. PoC User3 sends a Talk Burst Request.</li> <li>3. PoC User3 starts talking.</li> <li>4. PoC User3 sends a Talk Burst Release Indication.</li> <li>5. PoC User2 sends a Talk Burst Request.</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User2 sends a Talk Burst Release Indication.</li> </ol> |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2 is connected to the ongoing session.</li> <li>2. PoC User3 is granted the Talk Burst.</li> <li>3. PoC User1/2 listen to PoC User3 talking.</li> <li>4. All PoC Users show Talk Burst Idle.</li> <li>5. PoC User2 is granted the Talk Burst.</li> <li>6. PoC User1/3 listen to PoC User2 talking.</li> <li>7. All PoC Users show Talk Burst Idle.</li> </ol>     |

**6.2.1.1.15 Manual Answer Override (Ad-Hoc PoC Group) Pre-Established Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0214   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Invited PoC Client is not alerting but Automatic Answer mode is applied when Inviting PoC User is using the MAO feature and the Invited PoC User has authorized the Inviting PoC User to use MAO in the PoC Session invitation.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.</p> <p>PoC User2/3 Answer Mode set to Manual Answer.</p> <p>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Pass</p> <p>Confirmed Indication.</p> <p>PoC User2/3 do not have MAO blocked for invites from PoC User1.</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends an Ad-Hoc PoC Group Session request to PoC User2/3 with MAO enabled, and sends a Talk Burst Request.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 sends a Talk Burst Release Indication.</li> <li>4. PoC User3 sends a Talk Burst Request.</li> <li>5. PoC User3 talks.</li> <li>6. PoC User3 sends a Talk Burst Release Indication.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User2/3 receive the invite from PoC User1 but instead of being prompted to manually respond (alerting), PoC User2/3 automatically accept the received invitation from PoC User1 due to the MAO setting.</li> <li>1b. PoC User1 is granted Talk Burst Control.</li> <li>1c. PoC User2/3 do not get an alert since MAO overrode the Manual Answer setting.</li> <li>2. PoC User2/3 listen to PoC User1 talking.</li> <li>3. All PoC Users show Talk Burst Idle.</li> <li>4. PoC User3 is granted the Talk Burst.</li> <li>5. PoC User1/2 listen to PoC User3 talking.</li> <li>6. All PoC Users show Talk Burst Idle.</li> </ol> |
|---------------|---|

**6.2.1.1.16 Manual Answer Override (1-to-1) Pre-Established Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0215   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Invited PoC Client is not alerting but Automatic Answer mode is applied when the Inviting PoC User is using the MAO feature and the Invited PoC User has authorized the Inviting PoC User to use MAO in the PoC Session invitation.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.</p> <p>PoC User2 is set to Manual Answer.</p> <p>PoC User2’s Access List is setup such that PoC User1 is set for Access List: Pass</p> <p>Confirmed Indication.</p> <p>PoC User2 does not have MAO blocked for invites from PoC User1.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends a 1-to-1 PoC Group Session request to PoC User2/3 with MAO enabled, and sends a Talk Burst Request.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 sends a Talk Burst Release Indication.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2 receives the invite from PoC User1 but instead of being prompted to manually respond (alerting), PoC User2 automatically accepts the received invitation from PoC User1 due to the MAO setting.</li> <li>1b. PoC User1 is granted Talk Burst Control.</li> <li>1c. PoC User2 does not get an alert since MAO overrode the Manual Answer setting.</li> <li>2. PoC User2 listens to PoC User1 talking.</li> <li>3. All PoC Users show Talk Burst Idle.</li> </ol> |

**6.2.1.1.17 Manual Answer Override (Pre-Arranged PoC Group) On-Demand Session**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-O-0216     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | Verify that the Invited PoC Client is not alerting but Automatic Answer mode is applied when the Inviting PoC User is using the MAO feature and the Invited PoC User has authorized the Inviting PoC User to use MAO in the PoC Session invitation.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server has Pre-Arranged PoC Group with PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept.<br>Confirmed Indication.<br>PoC User2/3 do not have MAO blocked for invites from PoC User1.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sends a session request to the Pre-Arranged PoC Group with MAO enabled and sends a Talk Burst Request.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User1 sends a Talk Burst Release Indication.</li> <li>4. PoC User3 sends a Talk Burst Request.</li> <li>5. PoC User3 talks.</li> <li>6. PoC User3 sends a Talk Burst Release Indication.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2/3 receive the invite from PoC User1 but instead of being prompted to manually respond (alerting), PoC User2/3 automatically accept the received invitation from PoC User1 due to the MAO setting.</li> <li>1b. PoC User1 is granted Talk Burst Control.</li> <li>1c. PoC User2/3 do not get an alert since MAO overrode the Manual Answer setting.</li> <li>2. PoC User2/3 listen to PoC User1 talking.</li> <li>3. All PoC Users show Talk Burst Idle.</li> <li>4. PoC User3 is granted the Talk Burst.</li> <li>5. PoC User1/2 listen to PoC User3 talking.</li> <li>6. All PoC Users show Talk Burst Idle.</li> </ol> |

#### 6.2.1.1.18 Participant Information of Adding PoC User for all PoC Group Modes

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0217   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that notification of identities of Participants to the added PoC User is handled based on privacy settings. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | PoC Server has ongoing session with PoC User1/2.<br>PoC User3 is not connected to ongoing session.<br>PoC User2 has enabled privacy/anonymous.<br>PoC User1 has disabled privacy.<br>(Note: This test is valid for all PoC Group types.)          |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 invites PoC User3 to the ongoing session.</li> <li>PoC User3 accepts the invitation and joins the group.</li> <li>PoC User3 requests Id information of the Participants of the group.</li> </ol> |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User3 receives an invitation to the ongoing PoC group session.</li> <li>PoC User3's Client shows active PoC group session.</li> <li>PoC User3's Client shows only the Id of PoC User1.</li> </ol>      |

#### 6.2.1.1.19 Participant Information of Adding PoC User for Chat PoC Group

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0218   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that notification of identities of Participants to the added PoC User is handled based on privacy settings.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server has ongoing Chat PoC Group Session with PoC User1/2.<br>PoC User3 is not connected to Chat PoC Group Session.<br>PoC User2 has enabled privacy/anonymous.<br>PoC User1 has disabled privacy.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 invites PoC User3 to the ongoing Chat PoC Group Session.</li> <li>PoC User3 accepts the invitation and joins the Chat PoC Group.</li> <li>PoC User3 requests Id information of the Participants of the Chat PoC Group.</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User3 receives an invitation to the ongoing Chat PoC Group Session.</li> <li>PoC User3's Client shows active Chat PoC Group.</li> <li>PoC User3's Client shows only the Id of PoC User1.</li> </ol>                                     |

#### 6.2.1.2 Error Flow

##### 6.2.1.2.1 Pre-Established Session Torn Down after Sending REFER Request

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0219                                      |
| Test Object             | PoC Client, PoC Server                                  |
| Test Case Description   | Verify that the event is detected and handled properly. |
| Specification Reference | Refer to Appendix A.                                    |
| SCR Reference           | Refer to Appendix A.                                    |
| Tool                    | Not available.  |

|                |   |
|----------------|---|
| Test Code      | Not available.  |
| Preconditions  | PoC Server has Pre-Established Session with necessary media parameters exchanged for PoC User1.<br>PoC User2/3 set to Manual Answer.<br>PoC User2/3's Access Lists are setup such that PoC User1 is set for Access List: Accept.  |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 initiates a PoC Session to PoC User2/3.</li> <li>PoC User1 goes out of Radio Coverage or removes battery before PoC User2/3 answer the call.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User2/3 get an indication of the incoming session. <ol style="list-style-type: none"> <li>PoC User2/3's PoC Client shows the incoming session indication end.</li> <li>The session is terminated at all PoC Users.</li> <li>PoC Server releases all resources related to the call and goes back to initial state.</li> </ol> </li> </ol> |

## 6.2.2 Session Related

### 6.2.2.1 Normal Flow

#### 6.2.2.1.1 Session Modification: Session On Hold (Ad-Hoc PoC Group)

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0301   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that an active session is put "on hold". (Ad-Hoc PoC Group Session)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in an active Ad-Hoc Poc Group Session.<br>No active Talk Burst.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User2 presses the talk button and starts talking.</li> <li>PoC User1 puts session "on hold".</li> <li>PoC User2 releases PoC Button (after Pass 2 is achieved).</li> <li>PoC User3 presses PoC Button and starts talking.</li> <li>PoC User1 puts session "off hold"</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User1/3 listen to PoC User2 talking.</li> <li>PoC User3 continues to listen to PoC User2 talking.<br/>(Note: PoC User1 may continue to listen to PoC User2 for a brief time.) <ol style="list-style-type: none"> <li>PoC User2 listens to PoC User3 talking.</li> <li>PoC User1 does not listen to PoC User3 talking.</li> </ol> </li> <li>PoC User1 starts to listen to PoC User3 talking.<br/>(Note: PoC User1 may not listen to PoC User3 for a brief time)</li> </ol> |

**6.2.2.1.2 Session Modification: Session On Hold (Pre-Arranged PoC Group)**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0302  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that an active session is put “on hold”. (Pre-Arranged PoC Group Session)  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in an active Pre-Arranged PoC Group Session.<br>No active Talk Burst.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 presses talk button and starts talking.</li> <li>2. PoC User1 puts session “on hold”.</li> <li>3. PoC User2 releases Talk Burst (after Pass 2 is achieved).</li> <li>4. PoC User3 presses talk button and starts talking.</li> <li>5. PoC User1 puts session “off hold”</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User1/3 listen to PoC User2 talking.</li> <li>2. PoC User3 continues to listen to PoC User2 talking.<br/>(Note: PoC User1 may continue to listen to PoC User2 for a brief time.)</li> <li>4a. PoC User2 listens to PoC User3 talking.</li> <li>4b. PoC User1 does not listen to PoC User3 talking.</li> <li>5. PoC User1 starts to listen to PoC User3 talking.<br/>(Note: PoC User1 may not listen to PoC User3 for a brief time)</li> </ol> |

**6.2.2.1.3 Session Modification: Session On Hold (Chat PoC Group)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0303   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that an active session is put “on hold”. (Chat PoC Group Session)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in an ongoing Chat PoC Group Session.<br>No active Talk Burst.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 presses talk button and starts talking.</li> <li>2. PoC User1 puts session “on hold”.</li> <li>3. PoC User2 releases Talk Burst (after Pass 2 is achieved).</li> <li>4. PoC User3 presses talk button and starts talking.</li> <li>5. PoC User1 puts session “off hold”</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User1/3 listen to PoC User2 talking.</li> <li>2. PoC User3 continues to listen to PoC User2 talking.<br/>(Note: PoC User1 may continue to listen to PoC User2 for a brief time.)</li> <li>4a. PoC User2 listens to PoC User3 talking.</li> <li>4b. PoC User1 does not listen to PoC User3 talking.</li> <li>5. PoC User1 starts to listen to PoC User3 talking.<br/>(Note: PoC User1 may not listen to PoC User3 for a brief time)</li> </ol> |
|---------------|---|

**6.2.2.1.4 Subscription to Participant Information during a PoC Session: One-Off Request, On-Demand Session, Privacy Disabled**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0304   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that PoC Subscriber can get the current status of Participant information during a PoC Session after sending a Participant information request. (On-Demand Session, Privacy Disabled)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3/4.<br/>                 PoC User1/2/3/4 are in an active Session.<br/>                 PoC User2/3/4 are able to change Privacy settings and have disabled Privacy.</p>                       |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 triggers check of Participant Information for the Session</li> <li>2. PoC User2 leaves the Session.</li> <li>3. PoC User1 triggers check of Participant Information for the Session</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User1 shows that PoC User2/3/4 are in the Session.</li> <li>3. PoC User1 shows that PoC User3/4 are in the Session.</li> </ol>   |

**6.2.2.1.5 Subscription to Participant Information during a PoC Session: One-Off Request, On-Demand Session, Privacy Enabled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0305  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Subscriber can get the current status of Participant information during a PoC Session after sending a Participant information request. (On-Demand Session, Privacy Enabled)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3/4.<br/>                 PoC User1/2/3/4 are in an active Session.<br/>                 PoC User3/4 are able to change Privacy settings and have disabled Privacy.<br/>                 PoC User2 is able to change Privacy settings and has enabled Privacy.</p> |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 triggers check of Participant Information for the Session</li> <li>PoC User2 leaves the Ad-Hoc PoC Group Session.</li> <li>PoC User1 triggers check of Participant Information for the Session</li> </ol> |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User1 shows that PoC User3/4 are in the Session and one anonymous PoC User.</li> <li></li> <li>PoC User1 shows that PoC User3/4 are in the Session.</li> </ol>  |

**6.2.2.1.6 Subscription to Participant Information during a PoC Session: Continuous, On-Demand Session, Privacy Disabled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0306  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Subscriber can get Participant information for a period of time during a PoC Session after sending a Participant information request. (On-Demand Session, Privacy Disabled)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3/4.</p> <p>PoC User1/2/3/4 are in an active Session.</p> <p>PoC User2/3/4 are able to change Privacy settings and have disabled Privacy.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 Subscribes to the Participant Information for the Session</li> <li>PoC User3 leaves the Session.</li> <li>PoC User1 Un-Subscribes to the Participant Information for the Session</li> <li>PoC User4 leaves the Session</li> </ol>                          |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User1 shows PoC User2/3/4 are in the Session</li> <li>PoC User1 gets notified that PoC User3 has left the session and shows that PoC User2/4 are still in the Session.</li> <li></li> <li>PoC User1 does NOT show that PoC User4 has left the Session</li> </ol> |

**6.2.2.1.7 Subscription to Participant Information during a PoC Session: Continuous, On-Demand Session Privacy Enabled**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0307   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that PoC Subscriber can get the current status of Participant information during a PoC Session after sending a Participant information request. (On-Demand Session Privacy Enabled) |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |



|                |  |
|----------------|--|
| Preconditions  | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2/3/4 are in an active Session.<br>PoC User3/4 are able to change Privacy settings and have disabled Privacy.<br>PoC User2 is able to change Privacy settings and has enabled Privacy.   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 Subscribes to the Participant Information for the Session</li> <li>2. PoC User3 leaves the Session.</li> <li>3. PoC User1 Un-Subscribes to the Participant Information for the Session</li> <li>4. PoC User2 leaves the Session</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User1 shows PoC User3/4 and an anonymous PoC User are in the Session</li> <li>2. PoC User1 gets notified that PoC User3 has left the session and shows that PoC User4 and an anonymous PoC User are still in the Session.</li> <li>4. PoC User1 does NOT show that an anonymous PoC User has left the Session</li> </ol> |

#### 6.2.2.1.8 Subscription to Participant Information during a PoC Session: One-Off Request, Pre-Established Session, Privacy Disabled

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0308   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that PoC Subscriber can get the current status of Participant information during a PoC Session after sending a Participant information request. (Pre-Established Session, Privacy Disabled)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2/3/4 are in an active Session.<br>PoC User2/3/4 are able to change Privacy settings and have disabled Privacy.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 triggers check of Participant Information for the Session</li> <li>2. PoC User2 leaves the Session.</li> <li>3. PoC User1 triggers check of Participant Information for the Session</li> </ol> |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User1 shows that PoC User2/3/4 are in the Session.</li> <li>3. PoC User1 shows that PoC User3/4 are in the Session.</li> </ol>   |

#### 6.2.2.1.9 Subscription to Participant Information during a PoC Session: One-Off Request, Pre-Established Session, Privacy Enabled

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0309  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Subscriber can get the current status of Participant information during a PoC Session after sending a Participant information request. (Pre-Established Session, Privacy Enabled) |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |

|                |  |
|----------------|--|
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2/3/4 are in an active Session.<br>PoC User3/4 are able to change Privacy settings and have disabled Privacy.<br>PoC User2 is able to change Privacy settings and has enabled Privacy.   |
| Test Procedure | <ol style="list-style-type: none"> <li>PoC User1 triggers check of Participant Information for the Session</li> <li>PoC User2 leaves the Ad-Hoc PoC Group Session.</li> <li>PoC User1 triggers check of Participant Information for the Session</li> </ol> |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>PoC User1 shows that PoC User3/4 are in the Session and one anonymous PoC User.</li> <li></li> <li>PoC User1 shows that PoC User3/4 are in the Session.</li> </ol>  |

**6.2.2.1.10 Subscription to Participant Information during a PoC Session: Continuous, Pre-Established Session, Privacy Disabled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0310  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Subscriber can get Participant information for a period of time during a PoC Session after sending a Participant information request. (Pre-Established Session, Privacy Disabled)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2/3/4 are in an active Session.<br>PoC User2/3/4 are able to change Privacy settings and have disabled Privacy.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 Subscribes to the Participant Information for the Session</li> <li>PoC User3 leaves the Session.</li> <li>PoC User1 Un-Subscribes to the Participant Information for the Session</li> <li>PoC User4 leaves the Session</li> </ol>                          |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User1 shows PoC User2/3/4 are in the Session</li> <li>PoC User1 gets notified that PoC User3 has left the session and shows that PoC User2/4 are still in the Session.</li> <li></li> <li>PoC User1 does NOT show that PoC User4 has left the Session</li> </ol> |

**6.2.2.1.11 Subscription to Participant Information during a PoC Session: Continuous, Pre-Established Session Privacy Enabled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0311  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Subscriber can get the current status of Participant information during a PoC Session after sending a Participant information request. (Pre-Established Session, Privacy Enabled) |
| Specification Reference | Refer to Appendix A.  |

|                |  |
|----------------|--|
| SCR Reference  | Refer to Appendix A.   |
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2/3/4 are in an active Session.<br>PoC User3/4 are able to change Privacy settings and have disabled Privacy.<br>PoC User2 is able to change Privacy settings and has enabled Privacy.   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 Subscribes to the Participant Information for the Session</li> <li>2. PoC User3 leaves the Session.</li> <li>3. PoC User1 Un-Subscribes to the Participant Information for the Session</li> <li>4. PoC User2 leaves the Session</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User1 shows PoC User3/4 and an anonymous PoC User are in the Session</li> <li>2. PoC User1 gets notified that PoC User3 has left the session and shows that PoC User4 and an anonymous PoC User are still in the Session.</li> <li>4. PoC User1 does NOT show that an anonymous PoC User has left the Session</li> </ol> |

#### 6.2.2.1.12 Participant Information in Unrestricted Chat PoC Group: Privacy Disabled

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0312   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the adding to the list of Participants and its distribution to other requesting PoC Users when privacy is not indicated in the PoC Session establishment.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2 are members of Unrestricted Chat PoC GroupA.<br>PoC User1 is administrator of Unrestricted Chat PoC GroupA.<br>PoC User1/2 are in an active Unrestricted Chat PoC GroupA Session.<br>PoC User2 is able to change Privacy settings and has disabled Privacy.<br>PoC User2/3 have set continuous update mode Subscription Information request. |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 adds PoC User3/4 to be members of the Unrestricted Chat PoC GroupA.</li> <li>2. PoC User3/4 join the Unrestricted Chat PoC GroupA.</li> <li>3. PoC User1 removes PoC User2 from the membership of Unrestricted Chat PoC GroupA.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1. PoC User2 shows that PoC User3/4 are added to the Unrestricted Chat PoC GroupA membership.</li> <li>3. PoC User3 shows that PoC User2 is no longer a member of the Unrestricted Chat PoC GroupA.</li> </ol>  |

**6.2.2.1.13 Participant Information in Unrestricted Chat PoC Group: Privacy Enabled**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0313  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the adding to the list of Participants and its distribution to other requesting PoC Users when privacy is not indicated in the PoC Session establishment.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3/4.<br>PoC User1/2 are members of Unrestricted Chat PoC GroupA.<br>PoC User1 is administrator of Unrestricted Chat PoC GroupA.<br>PoC User1/2 are in an active Unrestricted Chat PoC GroupA Session.<br>PoC User2 is able to change Privacy settings and has enabled Privacy.<br>PoC User2/3 have set continuous update mode Subscription Information request. |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 adds PoC User3/4 to be members of the Unrestricted Chat PoC GroupA.</li> <li>PoC User3/4 join the Unrestricted Chat PoC GroupA.</li> <li>PoC User1 removes PoC User2 from the membership of Unrestricted Chat PoC GroupA.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2 shows that PoC User3/4 are added to the Unrestricted Chat PoC GroupA membership.</li> <li>(OPTIONAL) PoC User3 shows that an anonymous PoC User is no longer a member of the Unrestricted Chat PoC GroupA.</li> </ol>  |

**6.2.2.1.14 Id Information of Inviting PoC User: Ad-Hoc Poc Group Session, Privacy Enabled, MSISDN**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0316  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the invited party can receive the Id information of the inviting PoC User based on privacy settings. (Ad-Hoc PoC Group Session, Privacy = True)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1 is able to change Privacy settings and has enabled Privacy.<br>PoC User1 has set Id = MSISDN. |
| Test Procedure          | <ol style="list-style-type: none"> <li>PoC User1 invites PoC User2/3 to an Ad-Hoc PoC Group Session.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>PoC User2/3 receive an invitation from an unknown PoC User.</li> </ol>   |

### 6.2.2.1.15 Id Information of Inviting PoC User: Pre-Arranged Group Session, Privacy Enabled, MSISDN

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0317  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the invited party can receive the Id information of the inviting PoC User based on privacy settings. (Pre-Arranged Group Session, Privacy = True) |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1 is able to change Privacy settings and has enabled Privacy.<br>PoC User1 has set Id = MSISDN. |
| Test Procedure          | 1. PoC User1 invites PoC User2/3 to a Pre-Arranged PoC Group Session.   |
| Pass-Criteria           | 1. PoC User2/3 receive an invitation from an unknown PoC User.  |

### 6.2.2.1.16 Talker Id: Ad-Hoc PoC Group Session, Privacy Enabled, MSISDN

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0318  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC Server performing the Controlling PoC Function sends Talker Id to all Participants in the PoC Session in the beginning of the Talk Burst. (Ad-Hoc PoC Group Session, Privacy Enabled)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in an Ad-Hoc PoC Group Session.<br>PoC User1 is able to change Privacy settings.<br>PoC User1 has enabled Privacy.<br>PoC User1 has set Id = MSISDN.<br>The Talk Burst is idle. |
| Test Procedure          | 1. PoC User1 presses the talk button and starts talking.  |
| Pass-Criteria           | 1. PoC User2/3 listen to PoC User1 but do not receive any Id information about who is talking.  |

### 6.2.2.1.17 Talker Id: Pre-Arranged PoC Group Session, Privacy Enabled, MSISDN

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0319  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC Server performing the Controlling PoC Function sends Talker Id to all Participants in the PoC Session in the beginning of the Talk Burst. (Pre-Arranged PoC Group Session, Privacy Enabled) |
| Specification Reference | Refer to Appendix A.  |

|                |  |
|----------------|--|
| SCR Reference  | Refer to Appendix A.   |
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in a Pre-Arranged PoC Group Session.<br>PoC User1 is able to change Privacy settings.<br>PoC User1 has enabled Privacy.<br>PoC User1 has set Id = MSISDN.<br>The Talk Burst is idle. |
| Test Procedure | 1. PoC User1 presses the talk button and starts talking.   |
| Pass-Criteria  | 1. PoC User2/3 listen to PoC User1 but do not receive any Id information about who is talking.   |

#### 6.2.2.1.18 Talker Id: Chat PoC Group Session, Privacy Enabled, MSISDN

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0320   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Server performing the Controlling PoC Function sends Talker Id to all Participants in the PoC Session in the beginning of the Talk Burst. (Chat PoC Group Session, Privacy Enabled)  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 are in a Chat PoC Group Session.<br>PoC User1 is able to change Privacy settings.<br>PoC User1 has enabled Privacy.<br>PoC User1 has set Id = MSISDN.<br>The Talk Burst is idle. |
| Test Procedure          | 1. PoC User1 presses the talk button and starts talking.   |
| Pass-Criteria           | 1. PoC User2/3 listen to PoC User1 but do not receive any Id information about who is talking.   |

#### 6.2.2.1.19 Treatment of Instant Personal Alert if Instant Personal Alert Barring is Active

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0321   |
| Test Object             | PoC Server, PoC Client   |
| Test Case Description   | Verify that an Instant Personal Alert is sent with alert barring active. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | PoC Server with active accounts for PoC User1/2.<br>PoC User2 has set AccessListsEnabled = True.<br>PoC User2 has PoC User1 on his Access List-Reject   |
| Test Procedure | 1. PoC User1 sends an Instant Personal Alert to PoC User2.  |
| Pass-Criteria  | 1a. PoC User2 does not show Instant Personal Alert from PoC User1.<br>1b. PoC User1 receives an error message indicating unsuccessful Instant Personal Alert.<br>1c. (OPTIONAL) PoC User1 indicates that PoC User2 rejected the Instant Personal Alert. |

#### 6.2.2.1.20 Sending of Group Advertisement Messages

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0322   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Client is able to send Group Advertisement messages. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.                       |
| Test Procedure          | 1. PoC User1 sends a GroupAdvertisement to PoC User2/3.                  |
| Pass-Criteria           | 1. PoC User2/3 receives a GroupAdvertisement from PoC User1.             |

#### 6.2.2.1.21 Receiving of Group Advertisement Messages

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0323   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Client is able to send Group Advertisement messages. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.                       |
| Test Procedure          | 1. PoC User2 sends a GroupAdvertisement to PoC User1/3.                  |
| Pass-Criteria           | 1. PoC User1/3 receives a GroupAdvertisement from PoC User2.             |

#### 6.2.2.2 Error Flow

##### 6.2.2.2.1 Sending Group Advertisement Messages with Privacy Enabled

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0324  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC Client does not allow privacy in GroupAdvertisement by either rejecting the request for privacy or by not providing the possibility in the user interface for a PoC User to request privacy when initiating a GroupAdvertisement. |
| Specification Reference | Refer to Appendix A.  |



|                |  |
|----------------|--|
| SCR Reference  | Refer to Appendix A.   |
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1 is able to change Privacy settings and has enabled Privacy.  |
| Test Procedure | 1. PoC User1 attempts to send a GroupAdvertisement to PoC User2/3.   |
| Pass-Criteria  | Either one of the following two is allowed:<br>1a. PoC User1 does not see the option to send the Group Advertisement.<br>1b. PoC User1 gets a notification that the message could not be sent. |

#### 6.2.2.2.2 Sending of Group Advertisement Messages without Server Support

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0325   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Client is able to send Group Advertisement messages but without Server Support |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.   |
| Test Procedure          | 1. PoC User1 sends a GroupAdvertisement to PoC User2/3   |
| Pass-Criteria           | 1. PoC User1 receives an Error message indicating the PoC Server does not support the feature      |

#### 6.2.2.2.3 Sending Instant Personal Alert with Privacy Enabled

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0326   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the sending of an Instant Personal Alert is not allowed by either not providing the possibility in the user interface for a PoC User to request privacy when initiating an Instant Personal Alert or the PoC Server responds with an Error message |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User1 is able to change Privacy settings and has enabled Privacy.  |
| Test Procedure          | 1. PoC User1 attempts to send an Instant Personal Alert to PoC User2.  |
| Pass-Criteria           | Either one of the following two is allowed:<br>1a. PoC User1 does not see the option to send the Instant Personal Alert.<br>1b. PoC User1 gets a notification that the message could not be sent.  |



## 6.2.3 Session Unrelated

### 6.2.3.1 Normal Flow

## 6.2.4 Talk Burst Control (No Queuing)

### 6.2.4.1 Normal Flow

#### 6.2.4.1.1 Talk Burst Control, Right to Speak, Request during a PoC Session when no other Participants are in the Session -> Talk Burst Deny

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0500   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the request for the Right to Speak is denied when no other Participants are in the session.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.<br>PoC Policy allows that a PoC session may remain active with only one participant.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC User2.</li> <li>2. PoC User2 leaves the PoC Session.</li> <li>3. PoC User1 presses the PoC Button.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC Session is established between PoC User1/2.</li> <li>1b. PoC User1/2 receives Talk Burst Idle Notification.</li> <li>2a. PoC User2 is no longer in the PoC Session.</li> <li>2b. PoC User1 is still in the PoC Session.</li> <li>3a. PoC User1's PoC Client requests the Right to Speak.</li> <li>3b. PoC User1 receives a Talk Reject Notification.</li> </ol> |

## 6.2.5 Talk Burst Control (Queuing)

### 6.2.5.1 Normal Flow

#### 6.2.5.1.1 Talk Burst Control, Right to Speak, Request during a Session Queue Support, Talk Burst Control Indicates taken -> Talk Burst Control, Right to Speak, Request Queued -> Talk Burst Granted

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0501   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the Right to Speak request is not denied but queued. Verify that a queued indication is sent to the PoC Client. Verify that the Right to Speak is granted. |
| Specification Reference | Refer to Appendix A.   |

|                |  |
|----------------|--|
| SCR Reference  | Refer to Appendix A.   |
| Tool           | Not available.   |
| Test Code      | Not available.   |
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC User2/3 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User3 presses the PoC Button.</li> <li>4. PoC User1 releases the PoC Button.</li> <li>5. PoC User3 starts talking.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation.</li> <li>1b. PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1 talking.</li> <li>3a. PoC User3's PoC Client requests the Right to Speak.</li> <li>3b. PoC User3's PoC Client receives a Talk Burst Queued Indication.</li> <li>4a. PoC User1's PoC Client sends a Talk Burst Release Indication.</li> <li>4b. PoC User3 receives the Right to Speak Indication.</li> <li>4c. PoC User1/2's PoC Client receives an indication that PoC User3 is granted the Right to Speak.</li> <li>5. PoC User1/2 can listen to PoC User3 talking.</li> </ol> |

**6.2.5.1.2 Talk Burst Control, Right to Speak, Request during a Session Queue + Priority Support: Talk Burst Control Indicates taken -> Talk Burst Control, Right to Speak, Request Queued Indication -> Talk Burst Granted According to Priority**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0502  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the Right to Speak request is not denied but queued. Verify that a queued indication is sent to the PoC Client. Verify that the Right to Speak is granted according to priority.                                      |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.<br>PoC User2's subscription has higher priority than PoC User3's subscription. |

|                |   |
|----------------|---|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User3 presses the PoC Button.</li> <li>4. PoC User2 presses the PoC Button.</li> <li>5. PoC User1 releases the PoC Button</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User2 releases the PoC Button.</li> <li>8. PoC User3 starts talking.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation.</li> <li>1b. A PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1 talking.</li> <li>3a. PoC User3's PoC Client requests the Right to Speak.</li> <li>3b. PoC User3's PoC Client receives a Talk Burst Queued Indication.</li> <li>3c. PoC User2's PoC Client requests the Right to Speak.</li> <li>4. PoC User2 receives a Talk Burst Queued Indication.</li> <li>5a. PoC User1's PoC Client sends a Talk Burst Release Indication.</li> <li>5b. PoC User2 receives the Right to Speak Indication.</li> <li>5c. PoC User1/3's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>6a. PoC User1/3 can listen to PoC User2 talking.</li> <li>6b. PoC User2's PoC Client sends a Talk Burst Release Indication.</li> <li>7a. PoC User3 receives the Right to Speak Indication.</li> <li>7b. PoC User1/2's PoC Client receives an indication that PoC User3 is granted the Right to Speak.</li> <li>8. PoC User1/2 can listen to PoC User3 talking.</li> </ol> |

**6.2.5.1.3 Talk Burst Control, Right to Speak, Request during a Session Queue + Timestamp Support: Talk Burst Control Indicates taken -> Talk Burst Control, Right to Speak, Request Queued Indication -> Talk Burst Granted According to Timestamp Value**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0503   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the Right to Speak request is not denied but queued. Verify that a queued indication is sent to the PoC Client. Verify that the Right to Speak is granted according to the timestamp value at the same priority level. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.<br>PoC User2's subscription has the same priority as PoC User3's subscription.  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User2 presses the PoC Button.</li> <li>4. PoC User3 presses the PoC Button.</li> <li>5. PoC User1 releases the PoC Button</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User3 presses the PoC Button again.</li> <li>8. PoC User2 releases the PoC Button.</li> <li>9. PoC User3 starts talking.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation.</li> <li>1b. A PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1 talking.</li> <li>3a. PoC User2's PoC Client requests the Right to Speak.</li> <li>3b. PoC User2's PoC Client receives a Talk Burst Queued Indication with a timestamp.</li> <li>3c. PoC User3's PoC Client requests the Right to Speak.</li> <li>4. PoC User3 receives Talk Burst Queued Indication with a timestamp.</li> <li>5a. PoC User1's PoC Client sends a Talk Burst Release Indication.</li> <li>5b. PoC User2 receives the Right to Speak Indication.</li> <li>5c. PoC User1/3's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1/3 can listen to PoC User2 talking.</li> <li>7a. PoC User3's PoC Client requests the Right to Speak including the timestamp value received in 4.</li> <li>7b. PoC User3's PoC Client receives a Talk Burst Queued Indication including the queued position.</li> <li>7c. PoC User2's PoC Client sends a Talk Burst Release Indication.</li> <li>8a. PoC User3 receives the Right to Speak Indication.</li> <li>8b. PoC User1/2's PoC Client receives an indication that PoC User3 is granted the Right to Speak.</li> <li>9. PoC User1/2 can listen to PoC User3 talking.</li> </ol> |

**6.2.5.1.4 Talk Burst Request during a Session Queue + Timestamp Support: Request when no one has Permission to Send a Talk Burst -> Talk Burst Queued Indication -> Talk Burst Granted According to a Timestamp Value at the same Priority Level**

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-O-0504     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | Verify that the PoC Client can include the same timestamp value of the original Talk Burst Request in the resending Talk Burst Request.   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.<br>PoC User2's subscription has the same priority as PoC User3's subscription.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User2 presses the PoC Button.</li> <li>4. PoC User1 releases the PoC Button</li> <li>5. PoC User2 presses the PoC Button again.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation.</li> <li>1b. A PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1 talking.</li> <li>3a. PoC User2's PoC Client requests the Right to Speak.</li> <li>3b. PoC User2's PoC Client receives a Talk Burst Queued Indication with a timestamp.</li> <li>4a. PoC User1's PoC Client sends a Talk Burst Release Indication.</li> <li>4b. PoC User2's PoC Client requests the Right to Speak and includes the timestamp received in 3b.</li> <li>5a. PoC User2 receives the Right to Speak Indication.</li> <li>5b. PoC User1/3's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>5c. PoC User1/3 can listen to PoC User2 talking.</li> </ol> |

#### 6.2.5.1.5 Position in Queue

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0505   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Server sends information about position in the queue to the requesting PoC User. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User2/3 set to Manual Answer.<br/>                 PoC Group1 is defined and has PoC User1/2/3 as members.<br/>                 PoC User2's subscription has higher priority than PoC User3's subscription.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User3 presses the PoC Button.</li> <li>4. PoC User2 presses the PoC Button.</li> <li>5. PoC User1 releases the PoC Button.</li> <li>6. PoC User2 starts talking.</li> <li>7. PoC User2 releases the PoC Button.</li> <li>8. PoC User3 starts talking.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation.</li> <li>1b. A PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1 talking.</li> <li>3a. PoC User3's PoC Client requests the Right to Speak.</li> <li>3b. PoC User3's PoC Client received a Talk Burst Queued Indication with information of the position in the queue.</li> <li>4a. PoC User2's PoC Client requests the Right to Speak.</li> <li>4b. PoC User2's PoC Client received a Talk Burst Queued Indication with information of the position in the queue.</li> <li>5a. PoC User1's PoC Client sends a Talk Burst Release Indication.</li> <li>5b. PoC User2 receives the Right to Speak Indication.</li> <li>5c. PoC User1/3's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>6. PoC User1/3 can listen to PoC User2 talking.</li> <li>7a. PoC User3 receives the Right to Speak Indication.</li> <li>7b. PoC User1/2's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>8. PoC User1/2 can listen to PoC User3 talking.</li> </ol> |

**6.2.5.1.6 Cancel a Queued Request**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0506   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Server cancels a queued, Right to Speak, request when requested by a PoC User. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |  |
|----------------|--|
| Preconditions  | PoC Server with active accounts for PoC User1/2/3.<br>PoC User2/3 set to Manual Answer.<br>PoC Group1 is defined and has PoC User1/2/3 as members.<br>PoC User2's subscription has higher priority than PoC User3's subscription.  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 establishes a PoC Session with PoC Group1 and keeps the PoC Button pressed.</li> <li>2. PoC User1 starts talking.</li> <li>3. PoC User3 presses the PoC Button.</li> <li>4. PoC User2 presses the PoC Button.</li> <li>5. PoC User3 cancels the Right to Speak request that has been queued.</li> <li>6. PoC User1 releases the PoC Button.</li> <li>7. PoC User2 starts talking.</li> <li>8. PoC User2 releases the PoC Button.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2/3 accept the invitation.</li> <li>1b. A PoC Session is established between PoC User1/2/3.</li> <li>1c. PoC User1's PoC Client receives the Right to Speak Indication.</li> <li>1d. PoC User2/3's PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2/3 can listen to PoC User1 talking.</li> <li>3a. PoC User3's PoC Client requests the Right to Speak.</li> <li>3b. PoC User3's PoC Client received a Talk Burst Queued Indication with information of the position in the queue.</li> <li>4a. PoC User2's PoC Client requests the Right to Speak.</li> <li>4b. PoC User2's PoC Client received a Talk Burst Queued Indication with information of the position in the queue.</li> <li>5a. PoC User3's PoC Client requests cancellation of the queued Right to Speak request.</li> <li>5b. PoC User3's queued request, Right to Speak, is removed from the queue.</li> <li>5c. PoC User1's PoC Client sends a Talk Burst Release Indication.</li> <li>6a. PoC User2 receives the Right to Speak Indication.</li> <li>6b. PoC User1/3's PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>7. PoC User1/3 can listen to PoC User2 talking.</li> <li>8a. PoC User2's PoC Client sends a Talk Burst Release Indication.</li> <li>8b. PoC User1/2/3 receives the Talk Burst Idle Notification.</li> </ol> |

**6.2.5.2 Error Flow**

**6.2.5.2.1 Queued Talk Burst Cancel Request not Received by the PoC Server**

|                       |  |
|-----------------------|--|
| Test Case Id          | PoC-1.0-int-O-0520   |
| Test Object           | PoC Client, PoC Server   |
| Test Case Description | Verify the robustness of the PoC Client and PoC Server when the PoC Server does not receive the cancellation for a queued, Right to Speak, request sent from a PoC User. |

|                         |   |
|-------------------------|---|
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC Server with active accounts for PoC User1/2.<br>PoC User2 is set to Manual Answer.  |
| Test Procedure          | <ol style="list-style-type: none"><li>1. PoC User1 establishes a PoC Session with PoC User2 and keeps the PoC Button pressed.</li><li>2. PoC User1 starts talking.</li><li>3. PoC User2 presses the PoC Button.</li><li>4. PoC User2 moves out of Radio Coverage.</li><li>5. PoC User2 requests cancellation of the Talk Burst queue.</li><li>6. PoC User1 releases the PoC Button.</li><li>7. PoC User2 moves back into Radio Coverage.</li><li>8. PoC User2 presses the PoC Button.</li><li>9. PoC User2 starts talking.</li><li>10. PoC User2 releases the PoC Button.</li></ol> |



|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User2 accepts the invitation.</li> <li>1b. A PoC Session is established between PoC User1/2.</li> <li>1c. PoC User1 receives the Right to Speak Indication.</li> <li>1d. PoC User2’s PoC Client receives an indication that PoC User1 is granted the Right to Speak.</li> <li>2. PoC User2 can listen to PoC User1 talking.</li> <li>3a. PoC User2’s PoC Client requests the Right to Speak.</li> <li>3b. PoC User2’s PoC Client received a Talk Burst Queued Indication with information of the position in the queue.</li> <li>4. PoC User2’s PoC Client has lost all Radio Coverage.</li> <li>5a. PoC User2’s PoC Client requests cancellation of the queued Right to Speak request.</li> <li>5b. PoC Server never received the request to cancel the queued, Right to Speak, request.</li> <li>6a. PoC User1’s PoC Client sends a Talk Burst Release Indication.</li> <li>6b. Poc Server sends the Right to Speak Indication to PoC User2.</li> <li>6c. PoC User1’s PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>6d. After the grace period, the PoC Server sends a Talk Permission Revoke Indication to PoC User2.</li> <li>6e. The PoC Server sends a Talk Burst Idle Notification to PoC User1/2.</li> <li>6f. PoC User1 receives the Talk Burst Idle Notification.</li> <li>7. PoC User2 received Talk Burst Idle.</li> <li>8a. PoC User2’s PoC Client requests the Right to Speak.</li> <li>8b. PoC User2 receives the Right to Speak Indication.</li> <li>8c. PoC User1’s PoC Client receives an indication that PoC User2 is granted the Right to Speak.</li> <li>9. PoC User1 can listen to PoC User2 talking.</li> <li>10a. PoC User2’s PoC Client sends a Talk Burst Release Indication.</li> <li>10b. PoC User1/2 received the Talk Burst Idle Notification.</li> </ol> |
|---------------|---|

**6.2.5.3 1-Many-1 GroupCall**

**6.2.5.3.1 Only the Distinguished Participant of a session is able to hear talk bursts from Ordinary Participants and Ordinary Participants are able to hear talk bursts only from the Distinguished Participant of that session.**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0540   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that only the Distinguished Participant of a session is able to hear talk bursts from Ordinary Participants and Ordinary Participants are able to hear talk bursts only from the Distinguished Participant of that session. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3/4.</p> <p>A Pre-Arranged PoC GroupA capable of supporting a 1-many-1 Session exists which has members PoC User1/2/3/4.</p> <p>PoC User1 is the administrator of PoC GroupA.</p> <p>PoC User1/2 are identified as Distinguished Participants.</p> <p>PoC User3/4 are identified as Ordinary Participants.</p>   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 selects PoC GroupA, presses the PoC Button, and starts speaking.</li> <li>2. PoC User2/3/4 accept invitation.</li> <li>3. After a period of time, PoC User1 releases the PoC Button.</li> <li>4. PoC User2 presses the PoC Button and starts speaking.</li> <li>5. After a period of time, PoC User2 releases the PoC Button.</li> <li>6. PoC User3 presses the PoC Button and starts speaking.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1. PoC User2/3/4 receive an invitation.</li> <li>2a. PoC User1/2/3/4 are in session.</li> <li>2b. PoC User1 receives Right to Speak Indication.</li> <li>2c. PoC User2/3/4 see PoC User1's talker ID.</li> <li>2d. PoC User2/3/4 all hear PoC User1's talk burst.</li> <li>3. PoC User1/2/3/4 all move to Talk Burst Idle state.</li> <li>4a. PoC User2 receives Right to Speak Indication.</li> <li>4b. PoC User1 hears PoC User2's talk burst.</li> <li>4c. PoC User3/4 do not hear PoC User2's talk burst.</li> <li>4d. PoC User1/3/4 all see PoC User2's talker ID.</li> <li>5. PoC User1/2/3/4 all move to Talk Burst Idle state.</li> <li>6a. PoC User3 receives Right to Speak Indication.</li> <li>6b. PoC User1 hears PoC User3's talk burst.</li> <li>6c. PoC User2/4 do not hear PoC User3's talk burst.</li> <li>6d. PoC User1/2/4 all see PoC User3's talker ID.</li> </ol> |

**6.2.5.3.2 Ordinary Participants are not able to initiate a call to a Pre-arranged PoC Group that is capable of supporting a 1-many-1 Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0541   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that Ordinary Participants of a Pre-arranged PoC Group that is capable of supporting a 1-many-1 Session are not able to initiate a session to that group. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | PoC Server with active accounts for PoC User1/2/3/4.<br>A Pre-Arranged PoC GroupA capable of supporting a 1-many-1 Session exists which has members PoC User1/2/3/4.<br>PoC User1/2 are identified as Distinguished Participants.<br>PoC User3/4 are identified as Ordinary Participants. |
| Test Procedure | 1. PoC User3 selects PoC GroupA, and presses the PoC Button.  |
| Pass-Criteria  | 1. PoC User3 receives an error message to the effect that he/she is not authorized to originate a PoC session to this Pre-arranged group.   |

## 6.2.6 Simultaneous Sessions

Note: The same set of test cases are valid with On-Demand, Pre-Established, and Chat Sessions.

### 6.2.6.1 Normal Flow

#### 6.2.6.1.1 PoC Participant can Monitor Simultaneous PoC Sessions

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0601   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Participant can monitor Simultaneous PoC Sessions. (On-Demand Session)   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 set to Manual Answer.<br>A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br>A Pre-Arranged PoC GroupB exists which has members PoC User2/3.<br>Both PoC GroupA and PoC GroupB are secondary for PoC User2.<br>PoC User1/2/3 is registered on SIP/IP Core.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and initiates PoC GroupA session.</li> <li>2. PoC User2 accepts the PoC GroupA session invitation.</li> <li>3. PoC User3 presses the PoC Button and initiates PoC GroupB session.</li> <li>4. PoC User2 accepts the PoC GroupB session invitation.</li> <li>5. PoC User2 selects PoC GroupA and checks the status of PoC GroupA.</li> <li>6. PoC User2 selects PoC GroupB and checks the status of PoC GroupB.</li> </ol> |

|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User1 gets registered with the PoC Server and a PoC Session Id of PoC GroupA is displayed.</li> <li>1b. PoC User2 receives a PoC GroupA session invitation.</li> <li>2. A PoC GroupA session gets established. PoC User2 gets registered with the PoC Server and a PoC Session Id of PoC GroupA is displayed.</li> <li>3a. PoC User3 gets registered with the PoC Server and a PoC Session Id of PoC GroupB is displayed.</li> <li>3b. PoC User2 receives a PoC GroupB session invitation.</li> <li>4. A PoC GroupB session gets established. PoC User2 gets registered with the PoC Server and a PoC Session Id of PoC GroupB is displayed.</li> <li>5. PoC User2 can monitor the status of PoC GroupA.</li> <li>6. PoC User2 can monitor the status of PoC GroupB.</li> </ol> |
|---------------|--|

**6.2.6.1.2 PoC Participant can get Id of which PoC Session is being Received**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0602  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that PoC Participant can get Id of which PoC Session is being received.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exists which has members PoC User2/3.<br/>                 Both PoC GroupA and PoC GroupB are secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User1 stops talking and releases the PoC Button.</li> <li>3. PoC User3 presses the PoC Button and starts talking.</li> <li>4. PoC User3 stops talking and releases the PoC Button.</li> </ol>  |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> <li>3a. PoC User3 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User3.</li> <li>4. PoC User2 receives indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> </ol> |

### 6.2.6.1.3 PoC Participant is able to Select the PoC Session which he wants to Listen and/or Talk to and Transmission is not Interrupted although the Talk Burst is Started in Another PoC Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0603  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC Participant is able to select the PoC Group that he wants to listen and/or talk to and transmission is not interrupted, although the Talk Burst is started in another PoC Session.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User1/2/3 set to Manual Answer.</p> <p>A Pre-Arranged PoC GroupA exists which has members PoC User1/2.</p> <p>A Pre-Arranged PoC GroupB exists which has members PoC User2/3.</p> <p>Both PoC GroupA and PoC GroupB are secondary for PoC User2.</p> <p>PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User2 selects PoC GroupB, presses the PoC Button, and starts talking.</li> <li>3. PoC User2 stops talking and releases the PoC Button.</li> <li>4. PoC User1 stops talking and releases the PoC Button.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2a. PoC User2 gets on to PoC GroupB.</li> <li>2b. PoC User2 receives the Right to Speak Indication from the PoC Server.</li> <li>2c. PoC User2 cannot listen to PoC User1 of PoC GroupA.</li> <li>2d. PoC User3 receives an indication that PoC User2 of PoC GroupB is granted the Right to Speak.</li> <li>2d. PoC User3 can listen to PoC User2.</li> <li>3a. PoC User3 receives an indication that PoC User2 of PoC GroupB has released the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User1.</li> <li>4. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |

### 6.2.6.1.4 PoC Participant is able to Continue Monitoring other PoC Sessions while Talking/Listening to the Selected PoC Sessions

|              |                        |
|--------------|------------------------|
| Test Case Id | PoC-1.0-int-O-0604     |
| Test Object  | PoC Client, PoC Server |

|                         |   |
|-------------------------|---|
| Test Case Description   | Verify that PoC Participant is able to continue monitoring other PoC Sessions while talking or listening to the selected PoC Sessions.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exists which has members PoC User2/3.<br/>                 Both PoC GroupA and PoC GroupB are secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using testcase PoC-1.0-O-int-0601.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User2 selects PoC GroupB and starts talking.</li> <li>3. PoC User2 monitors the activities of PoC GroupA.</li> <li>4. PoC User2 stops talking and releases the PoC Button.</li> <li>5. PoC User1 stops talking and releases the PoC Button.</li> </ol>   |
| Pass-Criteria           | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2a. PoC User2 gets on to PoC GroupB.</li> <li>2b. PoC User2 receives the Right to Speak Indication from the PoC Server.</li> <li>2c. PoC User2 cannot listen to PoC User1 of PoC GroupA.</li> <li>2d. PoC User3 receives an indication that PoC User2 of PoC GroupB is granted the Right to Speak.</li> <li>2e. PoC User3 can listen to PoC User2.</li> <li>3. PoC User2 can monitor the activity of PoC GroupA.</li> <li>4a. PoC User3 receives an indication that PoC User2 of PoC GroupB has released the Right to Speak.</li> <li>4b. PoC User2 can listen to PoC User1.</li> <li>5. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |

**6.2.6.1.5 Traffic is Filtered from other PoC Sessions and a Single Conversation can be Heard**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0605  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the traffic is filtered from other PoC Sessions and a single conversation can be heard. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |

|                |   |
|----------------|---|
| Test Code      | Not available.  |
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User1/2/3 set to Manual Answer.</p> <p>A Pre-Arranged PoC GroupA exists which has members PoC User1/2.</p> <p>A Pre-Arranged PoC GroupB exists which has members PoC User2/3.</p> <p>Both PoC GroupA and PoC GroupB are secondary for PoC User2.</p> <p>PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User3 presses the PoC Button and starts talking.</li> <li>3. PoC User2 selects PoC GroupB.</li> <li>4. PoC User3 stops talking and releases the PoC Button.</li> <li>5. PoC User1 stops talking and releases the PoC Button.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2a. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>2b. PoC User2 still keeps listening to PoC User1. (Since both PoC GroupA and PoC GroupB are secondary for PoC User2, PoC GroupB cannot override PoC GroupA while a member of GroupA is granted the Right to Speak.)</li> <li>3a. PoC User2 gets on to PoC GroupB.</li> <li>3b. PoC User2 can listen to PoC User3 of PoC GroupB.</li> <li>3c. PoC User2 cannot listen to PoC User1 of PoC GroupA.</li> <li>4a. PoC User2 receives an indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> <li>4b. PoC User2 can listen to PoC User1 of PoC GroupA.</li> <li>5. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |

#### 6.2.6.1.6 While Talking to a Secondary Session, the PoC Participant can Receive an Indication in the Event that there is Traffic on the Primary Session

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0606  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that while talking to a Secondary Session the PoC Participant can receive an indication in the event that there is traffic on the Primary Session. |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |

|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exists which has members PoC User2/3.<br/>                 PoC GroupA is primary and PoC GroupB is secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User2 selects PoC GroupB, presses the PoC Button, and starts talking.</li> <li>2. PoC User1 presses the PoC Button and starts talking.</li> <li>3. PoC User2 stops talking and releases the PoC Button.</li> <li>4. PoC User1 stops talking and releases the PoC Button.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 gets on to PoC GroupB.</li> <li>1b. PoC User2 receives the Right to Speak Indication from the PoC Server.</li> <li>1c. PoC User3 receives an indication that PoC User2 of PoC GroupB is granted the Right to Speak.</li> <li>1d. PoC User3 can listen to PoC User2.</li> <li>2a. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>2b. PoC User2 still keeps talking to PoC User3. (Although PoC GroupA is primary and PoC GroupB is secondary for PoC User2, PoC GroupA cannot override PoC GroupB while granted the Right to Speak of PoC GroupB and talking.)</li> <li>3a. PoC User3 receives indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User1 of PoC GroupA.</li> <li>4. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |

**6.2.6.1.7 PoC Participant is able to Change Primary PoC Session and Start to Listen to the Primary PoC Session, when there is Traffic**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0607   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the PoC Participant is able to change his/her Primary PoC Session and start to listen to the Primary PoC Session, when there is traffic. |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |



|                |  |
|----------------|--|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exists which has members PoC User2/3.<br/>                 PoC GroupA is primary and PoC GroupB is secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>   |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User3 presses the PoC Button and starts talking.</li> <li>3. PoC User2 selects PoC GroupB as its primary group.</li> <li>4. PoC User3 stops talking and releases the PoC Button.</li> <li>5. PoC User1 stops talking and releases the PoC Button.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2a. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>2b. PoC User2 still keeps listening to PoC User1. (Since PoC GroupA is primary and PoC GroupB is secondary for PoC User2, PoC GroupB cannot override PoC GroupA while a member of GroupA is granted the Right to Speak.)</li> <li>3a. PoC User2 gets on to PoC GroupB.</li> <li>3b. PoC User2 can listen to PoC User3 of PoC GroupB.</li> <li>3c. PoC User2 cannot listen to PoC User1 of PoC GroupA.</li> <li>4a. PoC User2 receives an indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> <li>4b. PoC User2 can listen to PoC User1 of PoC GroupA.</li> <li>5. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |

**6.2.6.1.8 As long as there is Traffic in the Primary Session, the PoC Subscriber SHALL Continue Listening, until the Discussion has Ended (or Talk Burst Timeout has Occurred)**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0608   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that as long as there is traffic in the Primary Session, the PoC Subscriber SHALL continue listening it, until the discussion has ended (or Talk Burst timeout has occurred). |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |

|                |   |
|----------------|---|
| Preconditions  | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exists which has members PoC User2/3.<br/>                 PoC GroupA is primary and PoC GroupB is secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>  |
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User3 presses the PoC Button and starts talking.</li> <li>3. PoC User3 stops talking and releases the PoC Button.</li> <li>4. PoC User1 stops talking and releases the PoC Button.</li> </ol>  |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2a. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>2b. PoC User2 still keeps listening to PoC User1. (Since PoC GroupA is primary and PoC GroupB is secondary for PoC User2, PoC GroupB cannot override PoC GroupA while a member of GroupA is granted the Right to Speak.)</li> <li>3a. PoC User2 receives indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> <li>3b. PoC User2 keeps listening to PoC User1 of PoC GroupA.</li> <li>4. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |

**6.2.6.1.9 Participant who participates in a PoC Session (1-to-1 or 1-to-many) is able to Initiate and Conduct a Separate 1-to-1 PoC Session with any other PoC User**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0609   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that a PoC Participant who participates in a PoC Session (1-to-1 or 1-to-many) is able to initiate and conduct a separate 1-to-1 PoC Session with any other PoC User.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 PoC GroupA session is established using test case PoC-1.0-O-int-0601.</p> |

|                |  |
|----------------|--|
| Test Procedure | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User2 selects PoC User3 and initiates a 1-to-1 PoC Session with PoC User3 (using 1-to-1 On-Demand call setup procedure).</li> <li>3. PoC User3 accepts 1-to-1 PoC Session.</li> <li>4. PoC User2 presses the PoC Button and starts talking.</li> <li>5. PoC User2 stops talking and releases the PoC Button.</li> </ol>   |
| Pass-Criteria  | <ol style="list-style-type: none"> <li>1a. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2. PoC User3 receives a PoC Session initiation request from PoC User2.</li> <li>3a. 1-to-1 PoC Session gets established between PoC User2 and PoC User3.</li> <li>3b. A PoC GroupA session gets suspended for PoC User2.</li> <li>3c. PoC User2 cannot listen to PoC User1 of PoC GroupA.</li> <li>4a. PoC User3 receives an indication that PoC User2 is granted the Right to Speak.</li> <li>4b. PoC User3 can listen to PoC User2.</li> <li>4c. PoC User2 keeps getting status indication of PoC GroupA.</li> <li>5. PoC User3 receives an indication that PoC User2 has released the Right to Speak.</li> </ol> |

**6.2.6.1.10 Participant of an Ongoing PoC Session (1-to-1 or 1-to-many) is able to Receive Separate 1-to-1 PoC Session Communications from any other PoC User**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0610   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that a PoC Participant of an ongoing PoC Session (1-to-1 or 1-to-many) is able to receive separate 1-to-1 PoC Session communications from any other PoC User.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User1/2/3 set to Manual Answer.</p>   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>2. PoC User2 accepts 1-to-1 PoC Session.</li> <li>3. PoC User1 presses the PoC Button and starts talking.</li> <li>4. PoC User3 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>5. PoC User2 accepts 1-to-1 PoC Session.</li> <li>6. PoC User1 releases the PoC Button.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2 receives a PoC Session initiation request from PoC User1.</li> <li>2. 1-to-1 PoC Session gets established between PoC User2 and PoC User1.</li> <li>3a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 is granted the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User1.</li> <li>4. PoC User2 receives a PoC Session initiation request from PoC User3.</li> <li>5a. 1-to-1 PoC Session gets established between PoC User2 and PoC User3.</li> <li>5b. 1-to-1 PoC Session with PoC User1 gets suspended for PoC User2.</li> <li>5c. PoC User2 can listen to PoC User3 but not PoC User1.</li> <li>6. PoC User2 gets status indication of PoC User1.</li> </ol> |
|---------------|---|

**6.2.6.1.11 1-to-1 PoC Session Participants cannot Receive Speech from the Previous PoC Session Communication while Attending the Separate 1-to-1 PoC Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0611   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the 1-to-1 PoC Session Participants cannot receive speech from the previous PoC Session communication while attending the separate 1-to-1 PoC Session.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 set to Manual Answer.  |
| Test Procedure          | <p>(Note: This scenario is covered by a previous test. This test case is included for the sake of completeness.)</p> <ol style="list-style-type: none"> <li>1. PoC User1 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>2. PoC User2 accepts 1-to-1 PoC Session.</li> <li>3. PoC User1 presses the PoC Button and starts talking.</li> <li>4. PoC User3 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>5. PoC User2 accepts 1-to-1 PoC Session.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2 receives a PoC Session initiation request from PoC User1.</li> <li>2. 1-to-1 PoC Session gets established between PoC User2 and PoC User1.</li> <li>3a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 is granted the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User1.</li> <li>4. PoC User2 receives a PoC Session initiation request from PoC User3.</li> <li>5a. 1-to-1 PoC Session gets established between PoC User2 and PoC User3.</li> <li>5b. 1-to-1 PoC Session with PoC User1 gets suspended for PoC User2.</li> <li>5c. PoC User2 can listen to PoC User3.</li> <li>5d. PoC User2 keeps getting status indication of PoC User1.</li> </ol> |
|---------------|---|

**6.2.6.1.12 First PoC Session is Suspended while the Participant is Engaged in the Separate 1-to-1 PoC Session, and will be Automatically Resumed when the Separate 1-to-1 PoC Session is Terminated**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0612   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the first PoC Session is suspended (i.e., the PoC Subscriber is not able to listen to/transmit any Talk Bursts from/to the first PoC Session) while the Participant is engaged in the separate 1-to-1 PoC Session, and will be automatically resumed when the separate 1-to-1 PoC Session is terminated.   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 set to Manual Answer.  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>2. PoC User2 accepts 1-to-1 PoC Session.</li> <li>3. PoC User1 presses the PoC Button and starts talking. (If PoC User1 Talk Burst grace period expires, PoC User1 should push the PoC Button again and continue talking.)</li> <li>4. PoC User3 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>5. PoC User2 accepts 1-to-1 PoC Session from PoC User3.</li> <li>6. PoC User3 presses the PoC Button and talks.</li> <li>7. PoC User3 terminates 1-to-1 PoC Session.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2 receives a PoC Session initiation request from PoC User1.</li> <li>2. 1-to-1 PoC Session gets established between PoC User2 and PoC User1.</li> <li>3a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 is granted the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User1.</li> <li>4. PoC User2 receives a PoC Session initiation request from PoC User3.</li> <li>5a. 1-to-1 PoC Session gets established between PoC User2 and PoC User3.</li> <li>5b. 1-to-1 PoC Session with PoC User1 gets suspended for PoC User2.</li> <li>6a. PoC User2 can listen to PoC User3.</li> <li>6b. PoC User2 keeps getting status indication of PoC User1.</li> <li>7a. 1-to-1 PoC Session of PoC User2 and PoC User3 gets terminated.</li> <li>7b. PoC User2 can listen to PoC User1.</li> </ol> |
|---------------|---|

**6.2.6.1.13 PoC Participant can Lock to Desired PoC Session and can Monitor Status of Other PoC Groups**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0613  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | <p>Verify that PoC Participant can lock to a desired PoC Session and can monitor the status of other PoC Groups.</p> <p>(Locking to a Pre-Established Session when there is no PoC Session established is not relevant.)</p>  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.</p> <p>PoC User1/2/3 set to Manual Answer.</p> <p>A Pre-Arranged PoC GroupA exists which has members PoC User1/2.</p> <p>A Pre-Arranged PoC GroupB exists which has members PoC User2/3.</p> <p>PoC GroupA is primary and PoC GroupB is secondary for PoC User2.</p> <p>PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.</p>          |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User3 presses the PoC Button and starts talking.</li> <li>3. PoC User2 selects PoC GroupB and enables locking feature.</li> <li>4. PoC User3 stops talking and releases the PoC Button.</li> <li>5. PoC User3 disconnects PoC Session.</li> <li>6. PoC User1 stops talking and releases the PoC Button.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server.</li> <li>1b. PoC User2 can listen to PoC User1 of PoC GroupA.</li> <li>2. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>3. PoC User2 gets locked to PoC GroupB and can listen to PoC User3 of PoC GroupB (even though PoC GroupA is primary for PoC User2).</li> <li>4. PoC User2 gets an indication that PoC User3 of PoC GroupB has released the Right to Speak. (PoC User2 still remains locked to PoC GroupB and cannot listen to PoC GroupA.)</li> <li>5. PoC User2 gets an indication that the PoC GroupB session has ended.</li> <li>6. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> </ol> |
|---------------|---|

**6.2.6.1.14 PoC Participant can Simultaneously Establish a Chat PoC Group and a Pre-Arranged PoC Group Session**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0614   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that PoC Participant can simultaneously establish a Chat PoC Group and a Pre-Arranged PoC Group Session.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exists which has members PoC User1/2.<br/>                 A Chat PoC GroupB exists which has members PoC User2/3.<br/>                 PoC GroupA is Primary and PoC GroupB is secondary for PoC User2.<br/>                 PoC User1/2/3 is registered on SIP/IP Core.</p>  |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User2 presses the PoC Button and joins Chat PoC GroupB Session.</li> <li>2. PoC User3 presses the PoC Button and joins Chat PoC GroupB Session.</li> <li>3. PoC User1 presses the PoC Button and initiates PoC GroupA Session.</li> <li>4. PoC User2 accepts the PoC GroupA Session invitation.</li> <li>5. PoC User1 presses the PoC Button and starts talking.</li> <li>6. PoC User3 presses the PoC Button and starts talking.</li> <li>7. PoC User1 releases the PoC Button and stops talking.</li> <li>8. PoC User3 releases the PoC Button and stops talking.</li> </ol> |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. Chat PoC GroupB Session gets established. PoC User2 joins Chat PoC Group Session and receives Chat Poc Group Session Id.</li> <li>2. PoC User3 joins Chat PoC Group Session and receives Chat PoC Group Session Id.</li> <li>3. Chat PoC GroupA Session gets established. PoC User2 receives a Chat PoC Group Session Id.</li> <li>4. PoC User2 gets connected to Chat PoC GroupA Session and receives the Chat PoC Group Session Id.</li> <li>5a. PoC User1 receives the Right to Speak Indication from the PoC Server.</li> <li>5b. PoC User2 receives an indication that PoC User1 is granted the Right to Speak and can listen to PoC User1.</li> <li>6a. PoC User3 receives the Right to Speak Indication from the PoC Server.</li> <li>6b. PoC User2 receives an indication that PoC User3 is granted the Right to Speak but keeps listening to Chat PoC GroupA Session.</li> <li>7. PoC User2 receives an indication that PoC User1 has released the Right to Speak and can listen to Chat PoC GroupB Session.</li> <li>8. PoC User2 receives an indication that PoC User3 has released the Right to Speak.</li> </ol> |
|---------------|---|

**6.2.6.2 Error Flow**

**6.2.6.2.1 PoC Server is able to Reject the New or Disconnect the Existing and Accept the New PoC Session if PoC Client does not Support Simultaneous PoC Sessions**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0631  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the PoC Sever is able to reject the new or disconnect the existing and accept the new PoC Session if the PoC Client does not support Simultaneous PoC Sessions. (Note: This test case may be considered mandatory.)   |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | PoC User2 PoC Client does not support Simultaneous PoC Sessions.<br>PoC Server with active accounts for PoC User1/2/3.<br>PoC User1/2/3 set to Manual Answer.   |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> <li>2. PoC User2 accepts 1-to-1 PoC Session.</li> <li>3. PoC User1 presses the PoC Button and starts talking.</li> <li>4. PoC User3 sets up a 1-to-1 PoC Session with PoC User2 (using 1-to-1 On-Demand call setup procedure).</li> </ol> |



|               |  |
|---------------|--|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1. PoC User2 receives a PoC Session initiation request from PoC User1.</li> <li>2. 1-to-1 PoC Session gets established between PoC User2 and PoC User1.</li> <li>3a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 is granted the Right to Speak.</li> <li>3b. PoC User2 can listen to PoC User1.</li> <li>4. PoC User3 receives a PoC Session reject response from the PoC Server.</li> </ol> <p>or:</p> <ol style="list-style-type: none"> <li>4a. A 1-to-1 PoC Session gets established between PoC User2 and PoC User3.</li> <li>4b. A 1-to-1 PoC Session between PoC User1 and PoC User2 gets disconnected.</li> </ol> |
|---------------|--|

**6.2.6.2.2 Priority Setting Request not Accepted by PoC Server is detected and the Involved Entities stay with their prior settings.**

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0632   |
| Test Object             | PoC Client, PoC Server   |
| Test Case Description   | Verify that the priority setting request not accepted by PoC Server is detected and the involved entities stay with their prior settings.  |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available.   |
| Test Code               | Not available.   |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exist which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exist which has members PoC User2/3.<br/>                 PoC GroupA is primary and PoC GroupB is secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.<br/>                 Server is set to deny priority change.</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User3 presses the PoC Button and starts talking.</li> <li>3. PoC User2 selects PoC GroupB as its primary group.</li> <li>4. PoC User1 stops talking and releases the PoC Button.</li> <li>5. PoC User3 stops talking and releases the PoC Button.</li> </ol>  |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server. PoC User2 receives an indication that PoC User1 of PoC GroupA is granted the Right to Speak.</li> <li>1b. PoC User2 can listen to PoC User1.</li> <li>2a. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>2b. PoC User2 still keeps listening to PoC User1. (Since PoC GroupA is primary and PoC GroupB is secondary for PoC User2, PoC GroupB cannot override PoC GroupA while a member of GroupA is granted the Right to Speak.)</li> <li>3a. PoC User2 receives a forbidden or denied response.</li> <li>3b. Priority change request does not take effect and PoC User2 keep listening to PoC User1 of PoC GroupA.</li> <li>3c. PoC User2 cannot listen to PoC User3 of PoC GroupB.</li> <li>4a. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> <li>4b. PoC User2 can now listen to PoC User3 of PoC GroupB.</li> <li>5. PoC User2 receives an indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> </ol> |
|---------------|---|

**6.2.6.2.3 Lock/Unlock Setting Request not accepted by PoC Server is detected and the involved entities stay with their prior setting.**

|                         |   |
|-------------------------|---|
| Test Case Id            | PoC-1.0-int-O-0633  |
| Test Object             | PoC Client, PoC Server  |
| Test Case Description   | Verify that the lock/unlock setting request not accepted by PoC Server is detected and the involved entities stay with their prior settings.  |
| Specification Reference | Refer to Appendix A.  |
| SCR Reference           | Refer to Appendix A.  |
| Tool                    | Not available.  |
| Test Code               | Not available.  |
| Preconditions           | <p>PoC Server with active accounts for PoC User1/2/3.<br/>                 PoC User1/2/3 set to Manual Answer.<br/>                 A Pre-Arranged PoC GroupA exist which has members PoC User1/2.<br/>                 A Pre-Arranged PoC GroupB exist which has members PoC User2/3.<br/>                 PoC GroupA is primary and PoC GroupB is secondary for PoC User2.<br/>                 PoC GroupA and PoC GroupB sessions are established using test case PoC-1.0-O-int-0601.<br/>                 Server is set to deny lock/unlock change.</p> |
| Test Procedure          | <ol style="list-style-type: none"> <li>1. PoC User1 presses the PoC Button and starts talking.</li> <li>2. PoC User3 presses the PoC Button and starts talking.</li> <li>3. PoC User2 selects PoC GroupB and enables locking feature.</li> <li>4. PoC User1 stops talking and releases the PoC Button.</li> <li>5. PoC User3 stops talking and releases the PoC Button.</li> </ol>  |

|               |   |
|---------------|---|
| Pass-Criteria | <ol style="list-style-type: none"> <li>1a. PoC User1 receives the Right to Speak Indication from the PoC Server.</li> <li>1b. PoC User2 can listen to PoC User1 of PoC GroupA.</li> <li>2. PoC User2 receives an indication that PoC User3 of PoC GroupB is granted the Right to Speak.</li> <li>3a. PoC User2 receives a forbidden/denied response.</li> <li>3b. Locking change request does not take effect and PoC User2 keep listening to PoC User1 of PoC GroupA.</li> <li>3c. PoC User2 cannot listen to PoC User3 of PoC GroupB.</li> <li>4a. PoC User2 receives an indication that PoC User1 of PoC GroupA has released the Right to Speak.</li> <li>4b. PoC User2 can now listen to PoC User3 of PoC GroupB.</li> <li>5. PoC User2 receives an indication that PoC User3 of PoC GroupB has released the Right to Speak.</li> </ol> |
|---------------|---|

## 6.2.7 XDM Optional Testcases

### 6.2.7.1 Normal Flow

#### 6.2.7.1.1 <is-key-participant> Data Semantics of the PoC Group document.

|                         |  |
|-------------------------|--|
| Test Case Id            | PoC-1.0-int-O-0701   |
| Test Object             | PoC XDMS, PoC XDMS   |
| Test Case Description   | Verify that PoC client and server both are able to support the <is-key-participant> Data Semantics of the PoC Group document   |
| Specification Reference | Refer to Appendix A.   |
| SCR Reference           | Refer to Appendix A.   |
| Tool                    | Not available  |
| Test code               | Not available  |
| Preconditions           | <p>PoC User 1 has defined PoC GroupA, with PoC User 1, PoC User 2 and PoC User 3 and PoC User 4 as members.</p> <p>&lt;join handling&gt; is set to &lt;allow&gt; for PoC Users 1/2/3/4.</p> <p>&lt;is-key-participant&gt; default is &lt;false&gt;</p> |

|                              |   |
|------------------------------|---|
| <p><b>Test Procedure</b></p> | <ol style="list-style-type: none"> <li>1. PoC User 1 sets PoC User 1 and PoC User 2 in PoC GroupA as Distinguished Participants (&lt;is-key-participant&gt; = &lt;true&gt;), and PoC User 3 as Ordinary Participant (&lt;is-key-participant&gt; = &lt;false&gt;).</li> <li>2. PoC User 2 initiates session with PoC GroupA. PoC User 2 talks.</li> <li>3. PoC User 1 talks.</li> <li>4. PoC User 3 talks.</li> <li>5. PoC Users leave session.</li> <li>6. PoC User 3 initiates session with GroupA. PoC User 3 talks.</li> <li>7. PoC User 1 talks.</li> <li>8. PoC User 2 talks.</li> <li>9. PoC User 4 initiates session with GroupA. PoC User 4 talks.</li> <li>10. PoC User 1 talks.</li> <li>11. PoC User 2 talks.</li> </ol> |
| <p><b>Pass-Criteria</b></p>  | <ol style="list-style-type: none"> <li>1. XDM server accepts action. (no error message).</li> <li>2. PoC session is 1-many-1, with PoC User 2 as Distinguished Participant. PoC Users 1/3/4 hear PoC User 2.</li> <li>3. PoC User 2 hears PoC User 1. PoC Users 3/4 do not hear PoC User 1.</li> <li>4. PoC User 2 hears PoC User 3. PoC Users 1/4 do not hear PoC User 3.</li> <li>5. Session ends.</li> <li>6. PoC session is 1-many. PoC Users 1/2/4 hear User 3</li> <li>7. PoC Users 2/3/4 hear PoC User 1.</li> <li>8. PoC Users 1/3/4 hear PoC User 2.</li> <li>9. PoC session is 1-many. PoC Users 1/2/3 hear User 4</li> <li>10. PoC Users 2/3/4 hear PoC User 1</li> <li>11. PoC Users 1/3/4 hear PoC User 2.</li> </ol>  |

## Appendix A. SCR and Specification References

| Test Case Number in ETS                                       | SCR-reference  | Spec (AD, CP, UP)-reference                                     |
|---|--|---|
| <b>Conformance – Section 5.1</b>                              |  |   |
| PoC-1.0-con-M-0101  | PoCCPSpec-COP-C-001: M   | CP 6.1.1.1<br>CP 6.1.1.2  |
| PoC-1.0-con-M-0102  | PoCCPSpec-COP-C-001: M   | CP 6.1.1.1<br>CP 6.1.1.2  |
| PoC-1.0-con-M-0103  | PoCCPSpec-COP-C-004: M   | CP 6.1.1.3  |
| PoC-1.0-con-M-0104  | OMA-PoC requirements not available   | Outside the scope of OMA-PoC specifications                     |
| PoC-1.0-con-M-0105  | PoCCPSpec-PIR-S-016: M<br>PoCCPSpec-PIR-S-017: O<br>PoCCPSpec-PIR-S-018: O<br>PoCCPSpec-CTR-S-018: M<br>PoCCPSpec-CTR-S-019: O | CP 7.2.1.9.1<br>CP 7.3.1.10.1<br>CP 7.3.1.10.2<br>CP 7.3.1.10.3 |
| PoC-1.0-con-M-0106  | PoCCPSpec-PIR-S-015: M   | CP 7.3.1.9  |
| PoC-1.0-con-M-0107  | PoCCPSpec-PIR-S-023: M   | CP 7.3.1.13   |
| PoC-1.0-con-M-0108  | PoCCPSpec-PIR-S-023: M   | CP 7.2.1.13   |
| PoC-1.0-con-M-0109  | OMA-PoC requirements not available   | UP 6.2.3<br>UP 6.2.4<br>UP 6.3.3<br>UP 6.3.4<br>UP 6.4.3        |
| <b>Interoperability (Non Session related) – Section 6.1.1</b> |  |   |
| PoC-1.0-int-M-0101  | PoCCPSpec-COP-C-001: M   | CP 6.1.1.1<br>CP 6.1.1.2  |
| PoC-1.0-int-M-0102  | PoCCPSpec-COP-C-001: M   | CP 6.1.1.1<br>CP 6.1.1.2  |
| PoC-1.0-int-M-0103  | PoCCPSpec-COP-C-004: M   | CP 6.1.1.3  |
| PoC-1.0-int-M-0104  | PoCCPSpec-CSP-C-001: M<br>PoCCPSpec-PIR-S-024: M   | CP 6.1.2<br>CP 7.3.1.14   |
| PoC-1.0-con-M-0106  | PoCCPSpec-CSP-C-001: M<br>PoCCPSpec-PIR-S-024: M   | CP 6.1.2<br>CP 7.3.1.14   |
| PoC-1.0-con-M-0110  | PoCCPSpec-PTR-S-002: M<br>POC_XDM-AU-S-010: M  | CP 7.3.2.2<br>XDM 5.2.7   |
| PoC-1.0-con-M-0111  | PoCCPSpec-PTR-S-002: M<br>POC_XDM-AU-S-010: M  | CP 7.3.2.2<br>XDM 5.2.7   |

| Test Case Number in ETS                        | SCR-reference   | Spec (AD, CP, UP)-reference   |
|--|---|---|
| <b>MSE ETS: 1-1 Test Cases – Section 6.1.2</b> |   |   |
| PoC-1.0-int-M-0200                             | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-003:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O | RFC 3261<br>RD 6.1.4.3<br>RD 6.2.2<br>AD 8.3<br>AD 9.2<br>AD 9.2.1.1<br>AD 9.2.2.3<br>AD 9.12.2<br>AD 9.13.1<br>CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.1<br>CP 6.2.1.1<br>CP 6.2.1.3<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.2,<br>CP 7.2.1.4,<br>CP 7.2.1.5<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2<br>CP 7.3.2.2.3<br>UP 6.2.5 |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference   |
|-------------------------|--|---|
| PoC-1.0-int-M-0201      | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-003:O<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-004:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CIR- S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M | AD 9.2.1.1<br>AD 9.2.2.1<br>CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.1<br>CP 6.2.1.1<br>CP 6.2.1.2<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2<br>CP 7.3.2.2.1 |
| PoC-1.0-int-M-0202      | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CTR-S-021:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR- S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CTR-S-021:M<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O<br>PoC_UserPlaneV1-CME-S-008:M<br>PoC_UserPlaneV1-CID-S-001:M<br>PoC_UserPlaneV1-UID-C-001:O<br>PoC_UserPlaneV1-PMC-S-011:O<br>PoC_UserPlaneV1-UTB-C-003:O  | RD 6.1.5.6<br>AD 9.7.1<br>AD 9.7.2<br>CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2<br>UP 6.2.5.2.2/ 6.2.5.3.2/ 6.2.5.5.4/<br>6.2.5.6.3<br>UP 6.5.7<br>UP 7.5.2<br>UP 8.1<br>UP 8.2   |
| PoC-1.0-int-M-0203      | PoCCPSpec-CPO-S-004:M  | RD 6.1.6<br>RD 6.1.9.3<br>CP 7.2.1.16   |
| PoC-1.0-int-M-0204      | PoCCPSpec-CPO-S-004:M  | RD 6.1.9.3<br>CP 7.2.1.16   |
| PoC-1.0-int-M-0205      | PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTP-C-007:M   | RD 6.1.5.5<br>CP 6.2.3.1<br>CP 7.2.2.4<br>CP 7.2.1.16   |
| PoC-1.0-int-M-0206      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M   | CP 6.2.3.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference  |
|-------------------------|---|--|
| PoC-1.0-int-M-0207      | PoC_UserPlaneV1-CTI-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M  | UP 9.1<br>CP 6.2.3.1<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0208      | PoCCPSpec-CUO-C-006:M<br>PoCCPSpec-CTP-C-012:M<br>PoCCPSpec-PIR-S-015:M:MS?<br>PoCCPSpec-PTR-S-009:M:MS?<br>PoCCPSpec-CTR-S-020:M<br>PoCCPSpec-CIR- S-006:M   | CP 6.1.11.1<br>CP 6.2.6.1<br>CP 7.2.1.10<br>CP 7.2.2.3<br>CP 7.3.1.9<br>CP 7.3.2.5 |
| PoC-1.0-int-M-0209      | PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M  | CP 6.2.1.3<br>CP 7.2.1.2   |
| PoC-1.0-int-M-0210      | PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O | CP 7.2.1.2<br>AD 9.13.1,<br>UP 6.2.5,  |
| PoC-1.0-int-M-0211      | PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O | CP 7.2.1.2<br>AD 9.13.1,<br>UP 6.2.5   |





| Test Case Number in ETS                                 | SCR-reference   | Spec (AD, CP, UP)-reference  |
|---|---|--|
| <b>MSE ETS: Ad-hoc Group Test Cases – Section 6.1.3</b> |   |  |
| PoC-1.0-int-M-0220                                      | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-003:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M:MS<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br><br>PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O | RFC 3261<br>RD 6.1.4.3<br>RD 6.2.2<br>AD 8.3<br>AD 9.2.1.1<br>AD 9.2.2.3<br>AD 9.13.1<br>CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.1<br>CP 6.2.1.1<br>CP 6.2.1.3<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2<br>CP 7.3.2.2.3<br>UP 6.2.5 |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference   |
|-------------------------|--|---|
| PoC-1.0-int-M-0221      | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-004:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M  | AD 9.2.1.1<br>AD 9.2.2.1<br>CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.1<br>CP 6.2.1.1<br>CP 6.2.1.2<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2<br>CP 7.3.2.2.1   |
| PoC-1.0-int-M-0222      | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-003:O<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-003:M<br>PoCCPSpec-CBF-S-004:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M | AD 9.2.2.3<br>AD 9.2.1.1<br>AD 9.2.2.1<br>CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.1<br>CP 6.2.1.1<br>CP 6.2.1.2<br>CP 6.2.1.3<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2<br>CP 7.3.2.2.1<br>CP 7.3.2.2.3 |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference  |
|-------------------------|---|--|
| PoC-1.0-int-M-0223      | PoCCPSpec-CRS-C-001:M<br>PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CLS-C-002:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CTR-S-013:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O<br>PoC_UserPlaneV1-CTB-S-001:M<br>PoC_UserPlaneV1-CTB-S-002:O<br>PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.6<br>AD 9.13.1<br>RD 6.1.2<br>CP 6.1.3.1<br>CP 6.1.5<br>CP 6.1.5.1<br>CP 6.1.6.1<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.3.1.4<br>CP 7.3.2.2<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.5<br>UP 6.4.2 |
| PoC-1.0-int-M-0224      | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CLS-C-002:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CTR-S-021:M  | RD 6.1.5.6<br>AD 9.7<br>AD 9.7.1<br>AD 9.7.2<br>CP 6.1.6.1<br>CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.8<br>CP 7.2.1.9.1<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.1.16<br>CP 7.2.2.2   |
| PoC-1.0-int-M-0225      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M   | RD 6.1.6<br>RD 6.1.9.3<br>CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4  |
| PoC-1.0-int-M-0226      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M   | RD 6.1.9.3<br>CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4  |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference   |
|-------------------------|--|---|
| PoC-1.0-int-M-0227      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M  | CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4                         |
| PoC-1.0-int-M-0228      | PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTP-C-007:M   | RD 6.1.5.5<br>CP 6.2.3.1<br>CP 7.2.2.4<br>CP 7.2.1.16                           |
| PoC-1.0-int-M-0229      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M   | CP 6.2.3.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0230      | PoC_UserPlaneV1-CTI-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M   | UP 9.1<br>CP 6.2.3.1<br>CP 7.2.2.4  |
| PoC-1.0-int-M-0231      | PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CTR-S-016:M   | CP 7.2.1.5<br>CP 7.2.1.8  |
| PoC-1.0-int-M-0232      | PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CTR-S-011:M   | RD 6.1.4.2.1, 6.1.4.2.2, 6.1.4.4, 6.1.5.6,<br>6.1.6<br>CP 7.2.1.4<br>CP 7.2.1.6 |
| PoC-1.0-int-M-0233      | PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CTR-S-011:M   | RD 6.1.2<br>CP 7.2.1.4<br>CP 7.2.1.6  |
| PoC-1.0-int-M-0234      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M  | RD 6.1.5.6<br>CP 6.1.3.3.1<br>CP 7.2.1.2  |
| PoC-1.0-int-M-0235      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O | CP 6.1.3.3.1<br>CP 6.2.1.3<br>CP 7.2.1.2<br>CP 7.3.2.2.3                        |
| PoC-1.0-int-M-0236      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O | CP 6.1.3.3.1<br>CP 6.2.1.3<br>CP 7.2.1.2<br>CP 7.3.2.2.3                        |
| PoC-1.0-int-M-0237      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O | CP 6.1.3.3.1<br>CP 6.2.1.3<br>CP 7.2.1.2<br>CP 7.3.2.2.3                        |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference   |
|-------------------------|---|---|
| PoC-1.0-int-M-0238      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O  | CP 6.1.3.3.1<br>CP 6.2.1.3<br>CP 7.2.1.2<br>CP 7.3.2.2.3  |
| PoC-1.0-int-M-0239      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CTR-S-021:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O<br>PoC_UserPlaneV1-CME-S-008:M<br>PoC_UserPlaneV1-CID-S-001:M<br>PoC_UserPlaneV1-UID-C-001:O<br>PoC_UserPlaneV1-PMC-S-011:O<br>PoC_UserPlaneV1-UTB-C-003:O | RD 6.1.5.6<br>AD 9.7.1<br>AD 9.7.2<br>CP 6.1.3.3.1<br>CP 6.1.7<br>CP 6.2.1.3<br>CP 7.1.2<br>CP 7.2.1.2<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.2.2.3<br>UP 6.2.5.2.2/ 6.2.5.3.2/ 6.2.5.5.4/<br>6.2.5.6.3<br>UP 6.5.7<br>UP 7.5.2<br>UP 8.1<br>UP 8.2 |
| PoC-1.0-int-M-0240      | PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-CSP-C-001:M   | RD 6.2.4<br>AD 8.19<br>AD 8.27<br>AD 8.27.2<br>AD 9.14<br>CP 6.1.2<br>CP 7.3.2.2  |
| PoC-1.0-int-M-0241      | PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M   | RD 6.1.9.6<br>AD <del>8.17</del> 8.18.x<br>CP 7.3.2.2<br>CP 7.3.2.2.3   |
| PoC-1.0-int-M-0242      | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-003:O  | CP 6.1.3.3.1<br>CP 6.2.1.3<br>CP 7.2.1.2<br>CP 7.3.2.2<br>CP 7.3.2.2.1<br>Note error message sent by SIP core and not covered by PoC specs, so no ref exists for that part.   |

| Test Case Number in ETS                                       | SCR-reference   | Spec (AD, CP, UP)-reference   |
|---|---|---|
| PoC-1.0-int-M-0243  | PoCCPSpec-CSI-C-011:M<br>PoCCPSpec-CSI-C-012:O<br>PoCCPSpec-CSI-C-013:M<br>PoCCPSpec-CSI-C-015:O<br>PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O  | CP 6.1.3.3.1<br>CP 6.2.1.3<br>CP 7.2.1.2<br>CP 7.3.2.2.3  |
| PoC-1.0-int-M-0244  | PoCCPSpec-CTR-S-003:M<br>PoCCPSpec-CTR-S-004:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O  | RD 6.1.4.2.2<br>CP 6.2.1.3<br>CP 7.2.1.2  |
| <b>MSE ETS: Pre-Arranged Group Test Cases – Section 6.1.4</b> |   |   |
| PoC-1.0-int-M-0260  | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-016:M<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-003:O<br>PoCCPSpec-CRE-S-002:M:NS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-004:M<br>PoCCPSpec-CTR-S-006:M<br>PoCCPSpec-CTR-S-007:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR-S-002:M<br>PoCCPSpec-CIR-S-003:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O | RFC 3261<br>RD 6.1.9.5<br>RD 6.1.4.3<br>RD 6.2.2<br>AD 8.3<br>AD 9.2.1.1<br>AD 9.3.1.1<br>AD 9.3.2.1<br>CP 6.1.3.1<br>CP 6.1.3.3.2<br>CP 6.2.1.1<br>CP 6.2.1.2<br>CP 7.1.1<br>CP 7.2.1.3<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2 |





| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference   |
|-------------------------|--|---|
| PoC-1.0-int-M-0262      | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-016:M<br>PoCCPSpec-CTP-C-001:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-003:O<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-CBF-S-001:M<br>PoCCPSpec-CBF-S-002:M<br>PoCCPSpec-CBF-S-003:M<br>PoCCPSpec-CBF-S-004:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CTR-S-006:M<br>PoCCPSpec-CTR-S-007:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-PTR-S-001:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O<br>PoCCPSpec-PTR-S-006:M | CP 6.1.3.1<br>CP 6.1.3.3.2<br>CP 6.2.1.1<br>CP 6.2.1.2<br>CP 6.1.2.3<br>CP 7.1.1<br>CP 7.2.1.3<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.1<br>CP 7.3.2.2<br>CP 7.3.2.2.3 |
| PoC-1.0-int-M-0263      | PoCCPSpec-CRS-C-001:M<br>PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CTR-S-013:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br><br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O<br>PoC_UserPlaneV1-CTB-S-001:M<br>PoC_UserPlaneV1-CTB-S-002:O   | AD 9.6<br>CP 6.1.3.1<br>CP 6.1.5<br>CP 6.1.5.1<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.3.1.4<br>CP 7.3.2.2<br><br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.5<br>UP 6.4.2  |
| PoC-1.0-int-M-0264      | PoCCPSpec-CRS-C-001:M<br>PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CTR-S-013:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br><br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O<br>PoC_UserPlaneV1-CTB-S-001:M<br>PoC_UserPlaneV1-CTB-S-002:O   | CP 6.1.3.1<br>CP 6.1.5.1<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.3.1.4<br>CP 7.3.2.2<br><br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.5<br>UP 6.4.2  |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference   |
|-------------------------|---|---|
| PoC-1.0-int-M-0265      | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CTR-S-021:M  | CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2   |
| PoC-1.0-int-M-0266      | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CTR-S-021:M<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O<br>PoC_UserPlaneV1-CME-S-008:M<br>PoC_UserPlaneV1-CID-S-001:M<br>PoC_UserPlaneV1-UID-C-001:O<br>PoC_UserPlaneV1-PMC-S-011:O<br>PoC_UserPlaneV1-UTB-C-003:O | RD 6.1.5.6<br>AD 9.7.1<br>AD 9.7.2<br>CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2<br>UP 6.2.5.2.2/ 6.2.5.3.2/ 6.2.5.5.4/<br>6.2.5.6.3<br>UP 6.5.7<br>UP 7.5.2<br>UP 8.1<br>UP 8.2 |
| PoC-1.0-int-M-0267      | PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CPO-S-003:M   | RD 6.1.5.6<br>AD 9.7.1<br>AD 9.7.2<br>CP 7.2.1.8<br>CP 7.2.1.8<br>CP 7.2.1.15   |
| PoC-1.0-int-M-0268      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M   | RD 6.1.9.3<br>CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0269      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M   | RD 6.1.9.3<br>CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0270      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M   | CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0271      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CLS-C-002:M   | RD 6.1.6<br>RD 6.1.9.3<br>CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0272      | PoCCPSpec-CLS-C-001:O<br>PoCCPSpec-CLS-C-002:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-PIR-S-016:M   | AD 9.5.1<br>CP 6.1.6<br>CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.3.1.10.1<br>CP 7.2.1.16  |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference  |
|-------------------------|---|--|
| PoC-1.0-int-M-0273      | PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTP-C-007:M  | RD 6.1.5.5<br>CP 6.2.3.1<br>CP 7.2.2.4<br>CP 7.2.1.16                              |
| PoC-1.0-int-M-0274      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M  | CP 6.2.3.1<br>CP 7.2.1.16<br>CP 7.2.2.4  |
| PoC-1.0-int-M-0275      | PoC_UserPlaneV1-CTI-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M  | UP 9.1<br>CP 6.2.3.1<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0276      | PoCCPSpec-CTR-S-006:M<br>PoCCPSpec-CTR-S-007:M<br>PoCCPSpec-CPO-S-002:M   | CP 7.2.1.3<br>CP 7.2.1.14  |
| PoC-1.0-int-M-0277      | PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CTR-S-006:M<br>PoCCPSpec-CTR-S-007:M  | RD 6.1.2,<br>CP 7.2.1.3<br>CP 7.2.1.6  |
| PoC-1.0-int-M-0278      | PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-CSP-C-001:M   | RD 6.2.4<br>AD 8.19<br>AD 8.27<br>AD 8.27.2<br>AD 9.14<br>CP 6.1.2<br>CP 7.3.2.2   |
| PoC-1.0-int-M-0279      | PoCCPSpec-CUO-C-006:M<br>PoCCPSpec-CTP-C-012:M<br>PoCCPSpec-PIR-S-015:M<br>PoCCPSpec-PTR-S-009:M<br>PoCCPSpec-CTR-S-020:M<br>PoCCPSpec-CIR- S-006:M | CP 6.1.11.1<br>CP 6.2.6.1<br>CP 7.2.1.10<br>CP 7.2.2.3<br>CP 7.3.1.9<br>CP 7.3.2.5 |
| PoC-1.0-int-M-0280      | PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M   | RD 6.1.9.6<br>AD 8.18.x<br>CP 7.3.2.2<br>CP 7.3.2.2.3                              |
| PoC-1.0-int-M-0281      | PoCCPSpec-CTR-S-006:M<br>PoCCPSpec-CTR-S-007:M<br>PoCCPSpec-CTP-C-002:O   | RD 6.1.4.2.1<br>CP 6.2.1.2<br>CP 6.2.1.3<br>CP 7.2.1.3                             |

| Test Case Number in ETS                          | SCR-reference  | Spec (AD, CP, UP)-reference   |
|--|--|---|
| <b>MSE ETS: Chat Group Cases – Section 6.1.5</b> |  |   |
| PoC-1.0-int-M-0300                               | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-017:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CTR-S-013:M<br>PoCCPSpec-CTR-S-021:M<br>PoCCPSpec-CIR-S-001:M | RD 6.1.9.5<br>CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.2<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.3<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.2 |
| PoC-1.0-int-M-0301                               | PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-CSI-C-010:M<br>PoCCPSpec-CSI-C-017:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-PIR-S-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-CTR-S-001:M<br>PoCCPSpec-CTR-S-002:O<br>PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CTR-S-013:M<br>PoCCPSpec-CTR-S-021:M<br>PoCCPSpec-CIR-S-001:M | CP 6.1.3.1<br>CP 6.1.3.3<br>CP 6.1.3.3.2<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.1<br>CP 7.2.1.3<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.3.1.1<br>CP 7.3.1.4<br>CP 7.3.2.2               |
| PoC-1.0-int-M-0302                               | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR-S-002:M<br>PoCCPSpec-CIR-S-003:M<br>PoCCPSpec-CTR-S-021:M   | RD 6.1.5.6<br>AD 9.7.1<br>AD 9.7.2<br>CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.6<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2  |
| PoC-1.0-int-M-0303                               | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTR-S-018:M<br>PoCCPSpec-CIR-S-007:M<br>PoCCPSpec-CLS-C-002:M   | CP 6.1.6.1<br>CP 7.2.1.9.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference  |
|-------------------------|--|--|
| PoC-1.0-int-M-0304      | PoCCPSpec-CRS-C-001:M<br>PoCCPSpec-CSI-C-001:M<br>PoCCPSpec-PIR-S-006:M<br>PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CTR-S-013:M<br>PoCCPSpec-CRE-S-001:M<br>PoCCPSpec-CRE-S-002:M:MS<br>PoCCPSpec-CRE-S-004:M<br>PoCCPSpec-CRE-S-005:M:MS<br>PoCCPSpec-CRE-S-006:M<br>PoCCPSpec-CRE-S-007:M<br><br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O<br>PoC_UserPlaneV1-CTB-S-001:M<br>PoC_UserPlaneV1-CTB-S-002:O | AD 9.6<br>CP 6.1.3.1<br>CP 6.1.5<br>CP 6.1.5.1<br>CP 7.1<br>CP 7.1.1<br>CP 7.2.1.2<br>CP 7.2.1.4<br>CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.3.1.4<br>CP 7.3.2.2<br><br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.5<br>UP 6.4.2 |
| PoC-1.0-int-M-0305      | PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M  | 7.2.1.8<br>7.2.1.15<br>7.2.2.1<br>7.2.2.2<br>7.3.2.2<br>7.3.2.2.3  |
| PoC-1.0-int-M-0306      | PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CRE-S-007:M<br>PoCCPSpec-CSP-C-001:M  | RD 6.2.4<br>AD 8.19<br>AD 8.27<br>AD 8.27.2<br>AD 9.14<br>CP 6.1.2<br>CP 7.2.1.8<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2<br>CP 7.3.2.2<br>CP 7.3.2.2.3  |
| PoC-1.0-int-M-0307      | PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CTR-S-013:M  | CP 7.2.1.5<br>CP 7.2.1.6<br>CP 7.2.1.14  |
| PoC-1.0-int-M-0308      | PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CPO-S-003:M  | RD 6.1.5.6<br>AD 9.7.1<br>AD 9.7.2<br>CP 7.2.1.8<br>CP 7.2.1.15  |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference   |
|-------------------------|--|---|
| PoC-1.0-int-M-0309      | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CTR-S-021:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-003:O<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-003:O<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O<br>PoC_UserPlaneV1-CME-S-008:M<br>PoC_UserPlaneV1-CID-S-001:M<br>PoC_UserPlaneV1-UID-C-001:O<br>PoC_UserPlaneV1-PMC-S-011:O<br>PoC_UserPlaneV1-UTB-C-003:O | RFC 3261<br>RD 6.1.4.3<br>RD 6.1.5.6<br>RD 6.2.2<br>AD 8.3<br>AD 9.7.1<br>AD 9.7.2<br>CP 6.1.7<br>CP 7.2.1.11.2<br>CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.6<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2<br>UP 6.2.5.2.2/ 6.2.5.3.2/ 6.2.5.5.4/<br>6.2.5.6.3<br>UP 6.5.7<br>UP 7.5.2<br>UP 8.1<br>UP 8.2 |
| PoC-1.0-int-M-0310      | PoCCPSpec-CUO-C-001:M<br>PoCCPSpec-CRE-S-009:M<br>PoCCPSpec-CTR-S-016:M<br>PoCCPSpec-CTR-S-017:M<br>PoCCPSpec-CPO-S-002:M<br>PoCCPSpec-CPO-S-003:M<br>PoCCPSpec-CIR-S-001:M<br>PoCCPSpec-CIR- S-002:M<br>PoCCPSpec-CIR- S-003:M<br>PoCCPSpec-CTR-S-021:M<br>PoCCPSpec-CTP-C-002:M<br>PoCCPSpec-CTP-C-004:O<br>PoCCPSpec-PTR-S-002:M<br>PoCCPSpec-PTR-S-006:M   | CP 6.1.7<br>CP 7.1.2<br>CP 7.2.1.8<br>CP 7.2.1.11.2<br>CP 7.2.1.14<br>CP 7.2.1.15<br>CP 7.2.2.1<br>CP 7.2.2.2   |
| PoC-1.0-int-M-0311      | PoCCPSpec-CTR-S-011 :M<br>PoCCPSpec-CTR-S-016:M  | CP 7.2.1.5 (once corrected, see comments/issues for more info)<br>CP 7.2.1.8  |
| PoC-1.0-int-M-0312      | PoCCPSpec-CTR-S-009:M<br>PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CEH-S-002:M  | 7.2.1.4<br>7.2.1.5<br>7.5.2   |
| PoC-1.0-int-M-0313      | PoCCPSpec-CTR-S-011:M<br>PoCCPSpec-CPO-S-001:M<br>PoCCPSpec-CTR-S-013:M  | RD 6.1.4.4<br>CP 7.2.1.5<br>CP 7.2.1.6  |
| PoC-1.0-int-M-0314      | PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CTP-C-007:M   | RD 6.1.5.5<br>CP 6.2.3.1<br>CP 7.2.2.4<br>CP 7.2.1.16   |
| PoC-1.0-int-M-0315      | PoCCPSpec-CPO-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M   | CP 6.2.3.1<br>CP 7.2.1.16<br>CP 7.2.2.4   |
| PoC-1.0-int-M-0316      | PoC_UserPlaneV1-CTI-S-004:M<br>PoCCPSpec-CIR- S-007:M<br>PoCCPSpec-CTP-C-007:M   | UP 9.1<br>CP 6.2.3.1<br>CP 7.2.2.4  |

| Test Case Number in ETS                  | SCR-reference  | Spec (AD, CP, UP)-reference  |
|--|--|--|
| <b>Session unrelated – Section 6.1.6</b> |  |  |
| PoC-1.0-int-M-0401                       | PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CTP-C-001: M<br>PoCCPSpec-CIR-S-001: M<br>PoCCPSpec-CIR-S-002: M<br>PoCCPSpec-PTR-S-001: M                           | CP 6.1.3.1,<br>CP 7.2.2.1,<br>CP 7.3.2.1,<br>AD 8.8,                               |
| PoC-1.0-int-M-0402                       | PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CTP-C-001: M<br>PoCCPSpec-CRE-S-006: M<br>PoCCPSpec-CIR-S-001: M<br>PoCCPSpec-CIR-S-002: M<br>PoCCPSpec-PTR-S-001: M | CP 6.1.3.1,<br>CP 7.2.1.3,<br>CP 7.2.2.1,<br>CP 7.2.2.2,<br>CP 7.3.2.1,<br>AD 8.8, |
| PoC-1.0-int-M-0403                       | PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CTP-C-001: M<br>PoCCPSpec-CRE-S-006: M<br>PoCCPSpec-CIR-S-001: M<br>PoCCPSpec-CIR-S-002: M<br>PoCCPSpec-PTR-S-001: M | CP 6.1.3.1,<br>CP 7.2.1.5,<br>CP 7.2.2.1,<br>CP 7.2.2.2,<br>CP 7.3.2.1,<br>AD 8.8, |
| PoC-1.0-int-M-0404                       | PoCCPSpec-CLS-C-002: M   | CP 6.1.6.1   |
| PoC-1.0-int-M-0405                       | PoCCPSpec-CRS-C-001: M<br>PoCCPSpec-CRE-S-006: M   | CP 6.1.5.1,<br>CP 7.2.1.4,   |
| PoC-1.0-int-M-0406                       | PoCCPSpec-CRS-C-001: M<br>PoCCPSpec-CRE-S-006: M   | CP 6.1.5.1,<br>CP 7.2.1.5,   |
| PoC-1.0-int-M-0407                       | PoCCPSpec-CUO-C-001: M<br>PoCCPSpec-CTR-S-016: M   | CP 6.1.7,<br>CP 7.2.1.8,   |
| PoC-1.0-int-M-0408                       | PoCCPSpec-CUO-C-001: M<br>PoCCPSpec-CTR-S-016: M   | CP 6.1.7,<br>CP 7.2.1.8,   |
| PoC-1.0-int-M-0409                       | PoCCPSpec-CUO-C-001: M<br>PoCCPSpec-CTR-S-016: M   | CP 6.1.7,<br>CP 7.2.1.8,   |
| PoC-1.0-int-M-0410                       | PoCCPSpec-CUO-C-002: O<br>PoCCPSpec-CUO-S-001: M   | RD 6.1.3,<br>CP 6.1.8,<br>CP 7.4.1.1   |
| PoC-1.0-int-M-0411                       | PoCCPSpec-CTP-C-009: M<br>PoCCPSpec-CUO-S-002: M   | RD 6.1.3,<br>CP 6.2.4<br>CP 7.4.1.2  |
| PoC-1.0-int-M-0420                       | PoCCPSpec-CUO-C-002: O<br>PoCCPSpec-CUO-S-001: M<br>PoCCPSpec-CTP-C-009: M<br>PoCCPSpec-CUO-S-002: M   | RD 6.1.3,<br>CP 6.1.8,<br>CP 6.2.4,<br>CP 7.4.1.1,<br>CP 7.4.1.2                   |

| Test Case Number in ETS                   | SCR-reference  | Spec (AD, CP, UP)-reference                              |
|---|--|--|
| <b>Talk Burst Control – Section 6.1.7</b> |  |  |
| PoC-1.0-int-M-0500                        | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-007:M<br>PoC_UserPlaneV1-PME-S-005:O:MS<br>PoC_UserPlaneV1-CME-S-005:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O   | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0501                        | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0502                        | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O  | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |



| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference                              |
|-------------------------|--|--|
| PoC-1.0-int-M-0503      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UME-C-007:M<br>PoC_UserPlaneV1-PME-S-005:O:MS<br>PoC_UserPlaneV1-CME-S-005:M:MS<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O:MS<br>PoC_UserPlaneV1-CME-S-008:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0504      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UME-C-007:M<br>PoC_UserPlaneV1-PME-S-005:O:MS<br>PoC_UserPlaneV1-CME-S-005:M:MS<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O:MS<br>PoC_UserPlaneV1-CME-S-008:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference                              |
|-------------------------|---|--|
| PoC-1.0-int-M-0505      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-007:M<br>PoC_UserPlaneV1-PME-S-005:O:MS<br>PoC_UserPlaneV1-CME-S-005:M:MS<br>PoC_UserPlaneV1-UME-C-010:M<br>PoC_UserPlaneV1-PME-S-008:O:MS<br>PoC_UserPlaneV1-CME-S-008:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0506      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0507      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-011<br>PoC_UserPlaneV1-PME-S-009<br>PoC_UserPlaneV1-CME-S-009<br>PoC_UserPlaneV1-CTI-S-008<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UID-C-001:O   | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference                              |
|-------------------------|--|--|
| PoC-1.0-int-M-0520      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-CTI-S-003:M<br>PoC_UserPlaneV1-UTI-C-002:M<br>PoC_UserPlaneV1-CTI-S-004:M<br>PoC_UserPlaneV1-CTI-S-007:M<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0521      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-CTI-S-003:M<br>PoC_UserPlaneV1-UTI-C-002:M<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O   | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |
| PoC-1.0-int-M-0522      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-CTI-S-003:M<br>PoC_UserPlaneV1-UTI-C-001:M<br>PoC_UserPlaneV1-CTI-S-002:M<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O<br>PoC_UserPlaneV1-UID-C-001:O                                | AD 9.13.1,<br>UP 6.2.5<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5 |

| Test Case Number in ETS                      | SCR-reference  | Spec (AD, CP, UP)-reference   |
|--|--|---|
| <b>PoC XDM Group Actions – Section 6.1.8</b> |  |   |
| PoC-1.0-int-M-0701                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-004:M<br>PoC_XDM-AU-S-006:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.5<br>POC-XDM 5.1.7<br>POC-XDM 5.1.8<br>POC-XDM 5.2.5<br>PoC-XDM 5.2.8                                |
| PoC-1.0-int-M-0702                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-CAU-C-002:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-004:M<br>PoC_XDM-AU-S-005:M<br>PoC_XDM-AU-S-008:M | POC-XDM 5.1.1<br>POC-XDM 5.1.5<br>POC-XDM 5.1.6<br>POC-XDM 5.1.7<br>POC-XDM 5.2.1<br>POC-XDM 5.2.5                                |
| PoC-1.0-int-M-0703                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-CAU-C-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M<br>PoC_XDM-AU-S-008:M<br>PoC_XDM-AU-S-009:M<br>PoC_XDM-AU-S-010:M | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7<br>POC-XDM 5.2.1<br>POC-XDM 5.2.4<br>POC-XDM 5.2.6<br>POC-XDM 5.2.7<br>CP 7.2.1.3 |
| PoC-1.0-int-M-0704                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-CAU-C-002:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-004:M<br>PoC_XDM-AU-S-005:M | POC-XDM 5.1.1<br>POC-XDM 5.1.5<br>POC-XDM 5.1.6<br>POC-XDM 5.1.7  |
| PoC-1.0-int-M-0705                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7   |
| PoC-1.0-int-M-0706                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7<br>CP 7.2.1.4   |
| PoC-1.0-int-M-0707                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7<br>CP 7.2.1.5   |
| PoC-1.0-int-M-0708                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7   |
| PoC-1.0-int-M-0709                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7<br>CP 7.1.11.1  |

| Test Case Number in ETS                               | SCR-reference  | Spec (AD, CP, UP)-reference                     |
|---|--|---|
| PoC-1.0-int-M-0710                                    | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7 |
| <b>PoC XDM (List Actions) – Section 6.1.9</b>         |  |   |
| PoC-1.0-int-M-0801                                    | PoC_XDM-AU-S-007:M<br>PoC_XDM-AU-S-008:M<br>PoC_XDM-AU-S-009:M<br>PoC_XDM-AU-S-010:M   | POC-XDM 5.2                                     |
| <b>Optional Session Establishment – Section 6.2.1</b> |  |   |
| PoC-1.0-int-O-0200                                    | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-PIR-S-001: M<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-007: O   | CP 6.1.5.2, 7.3.1.2                             |
| PoC-1.0-int-O-0201                                    | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-004: O<br>PoCCPSpec-CSI-C-006: O<br>PoCCPSpec-CTP-C-008: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-007: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-014: O | AD 9.2.1.3, AD 9.2.2.3<br>CP 6.1.3.2            |
| PoC-1.0-int-O-0202                                    | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-004: O<br>PoCCPSpec-CSI-C-006: O<br>PoCCPSpec-CTP-C-008: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-007: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-014: O | AD 9.2.1.3<br>CP 6.1.3.2                        |
| PoC-1.0-int-O-0203                                    | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-008: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-014: O<br>PoCCPSpec-PTR-S-004: O   | AD 9.2.2.2<br>CP 6.1.3.2                        |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference              |
|-------------------------|--|--|
| PoC-1.0-int-O-0204      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-008: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-014: O<br>PoCCPSpec-PTR-S-004: O                           | AD 9.2.2.2<br>CP 6.1.3.2                 |
| PoC-1.0-int-O-0205      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-007: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-014: O   | AD 9.2.2.3<br>CP 6.1.3.2                 |
| PoC-1.0-int-O-0206      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-008: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-014: O<br>PoCCPSpec-PTR-S-005: O                           | AD 9.2.2.3<br>CP 6.1.3.2                 |
| PoC-1.0-int-O-0207      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-004: O<br>PoCCPSpec-CSI-C-005: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-008: O<br>PoCCPSpec-PIR-S-007: O<br>PoCCPSpec-PIR-S-014: O | RD 6.1.4.1<br>AD 9.2.1.2<br>CP 6.1.3.2.2 |
| PoC-1.0-int-O-0208      | PoCCPSpec-CSI-C-010: M<br>PoCCPSpec-CSI-C-014: O<br>PoCCPSpec-CBF-S-005: O<br>PoCCPSpec-PIR-S-006: M<br>PoCCPSpec-PTR-S-003: O<br>PoCCPSpec-PTR-S-004: O<br>PoCCPSpec-CIR-S-004: O<br>PoCCPSpec-CTR-S-001(M)                           | AD 9.2.1.2<br>CP 6.1.3.3.1               |
| PoC-1.0-int-O-0209      | PoCCPSpec-CSI-C-010: M<br>PoCCPSpec-CSI-C-014: O<br>PoCCPSpec-CBF-S-005: O<br>PoCCPSpec-PIR-S-006: M<br>PoCCPSpec-PTR-S-003: O<br>PoCCPSpec-PTR-S-004: O<br>PoCCPSpec-CIR-S-004: O<br>PoCCPSpec-CIR-S-001(M)                           | AD 9.2.1.2.<br>CP 6.1.3.3.1              |
| PoC-1.0-int-O-0210      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-010: M<br>PoCCPSpec-CSI-C-016: M<br>PoCCPSpec-CBF-S-005: O<br>PoCCPSpec-PIR-S-006: M<br>PoCCPSpec-PTR-S-003: O<br>PoCCPSpec-PTR-S-004: O<br>PoCCPSpec-CTR-S-008: O<br>PoCCPSpec-CIR-S-004: O | RD 6.1.4.1<br>AD 9.3.1.2<br>CP 6.1.3.2.2 |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference                        |
|-------------------------|--|--|
| PoC-1.0-int-O-0211      | PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-004: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-007: O<br>PoCCPSpec-PIR-S-014: O<br>PoCCPSpec-CTR-S-007(M)   | AD 9.2.1.3   |
| PoC-1.0-int-O-0212      | PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-009: O<br>PoCCPSpec-CLS-C-003: O<br>PoCCPSpec-CLS-C-004: O<br>PoCCPSpec-CLS-C-005: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-007: O<br>PoCCPSpec-PIR-S-017: O<br>PoCCPSpec-PIR-S-018: O<br>PoCCPSpec-PTR-S-011: O<br>PoCCPSpec-CTR-S-019: O   | AD 9.5.2<br>CP 6.1.6.2, CP 7.2.1.9.2               |
| PoC-1.0-int-O-0213      | PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-009: O<br>PoCCPSpec-CRS-C-002: O<br>PoCCPSpec-CLS-C-003: O<br>PoCCPSpec-CLS-C-004: O<br>PoCCPSpec-CLS-C-005: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-PIR-S-004: O<br>PoCCPSpec-PIR-S-007: O<br>PoCCPSpec-PIR-S-017: O<br>PoCCPSpec-PIR-S-018: O<br>PoCCPSpec-PTR-S-011: O<br>PoCCPSpec-CTR-S-009: M<br>PoCCPSpec-CTR-S-019: O | RD 6.1.5.2<br>AD 9.6.2<br>CP 6.1.5.2, CP 7.2.1.9.2 |
| PoC-1.0-int-O-0214      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-006: O<br>PoCCPSpec-CSI-C-011: M<br>PoCCPSpec-CTP-C-005: O<br>PoCCPSpec-CBF-S_001(M)<br>PoCCPSpec-PTR-S_001: M<br>PoCCPSpec-PTR-S-007(M)<br>PoCCPSpec-CTR-S-003(M)   | AD 9.2.2.4<br>CP 6.2.1.4                           |
| PoC-1.0-int-O-0215      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-006: O<br>PoCCPSpec-CSI-C-011: M<br>PoCCPSpec-CTP-C-005: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-PTR-S-001: M<br>PoCCPSpec-PTR-S-006: M<br>PoCCPSpec-CTR-S-003: M   | AD 9.2.2.4<br>CP 6.2.1.4                           |
| PoC-1.0-int-O-0216      | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-008: O<br>PoCCPSpec-CSI-C-011: M<br>PoCCPSpec-CTP-C-005: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-PTR-S-001: M<br>PoCCPSpec-PTR-S-006: M<br>PoCCPSpec-CTR-S-006: M   | AD 9.2.2.4<br>CP 6.2.1.4                           |

| Test Case Number in ETS                | SCR-reference  | Spec (AD, CP, UP)-reference  |
|--|--|--|
| PoC-1.0-int-O-0217                     | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-006: O<br>PoCCPSpec-CSI-C-010: M<br>PoCCPSpec-CSI-C-016: M<br>PoCCPSpec-CUO-C-001: M                           | RD 6.1.5.6   |
| PoC-1.0-int-O-0218                     | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-017(M)<br>PoCCPSpec-CUO-C-001: M<br>PoCCPSpec-CBF-S-001: M   | RD 6.1.5.6   |
| PoC-1.0-int-O-0219                     | PoCCPSpec-COP-C-001: M<br>PoCCPSpec-CSI-C-001: M<br>PoCCPSpec-CSI-C-003: O<br>PoCCPSpec-CSI-C-004: O<br>PoCCPSpec-CBF-S-001: M<br>PoCCPSpec-CBF-S-006: O<br>PoCCPSpec-CBF-S-007: O |  |
| <b>Session Related – Section 6.2.2</b> |  |  |
| PoC-1.0-int-O-0301                     | PoCCPSpec-CSM-C-004: O<br>PoCCPSpec-CSM-C-005: O   | CP 6.1.4.2<br>CP 6.1.4.3   |
| PoC-1.0-int-O-0302                     | PoCCPSpec-CSM-C-004: O<br>PoCCPSpec-CSM-C-005: O   | CP 6.1.4.2<br>CP 6.1.4.3   |
| PoC-1.0-int-O-0303                     | PoCCPSpec-CSM-C-004: O<br>PoCCPSpec-CSM-C-005: O   | CP 6.1.4.2<br>CP 6.1.4.3   |
| PoC-1.0-int-O-0304                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | CP 6.1.10<br>CP 7.2.1.11   |
| PoC-1.0-int-O-0305                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | RD 6.1.5.3,<br>AD 9.10,<br>CP 6.1.10<br>CP 7.2.1.11<br>CP 7.2.1.8 para 3 |
| PoC-1.0-int-O-0306                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | AD 9.10,<br>CP 6.1.10<br>CP 7.2.1.11                                     |
| PoC-1.0-int-O-0307                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | RD 6.1.5.3,<br>AD 9.10,<br>CP 6.1.10<br>CP 7.2.1.11<br>CP 7.2.1.8 para 3 |
| PoC-1.0-int-O-0308                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | CP 6.1.10<br>CP 7.2.1.11   |
| PoC-1.0-int-O-0309                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | RD 6.1.5.3,<br>AD 9.10,<br>CP 6.1.10<br>CP 7.2.1.11<br>CP 7.2.1.8 para 3 |
| PoC-1.0-int-O-0310                     | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | AD 9.10,<br>CP 6.1.10<br>CP 7.2.1.11                                     |



| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference  |
|-------------------------|--|--|
| PoC-1.0-int-O-0311      | PoCCPSpec-CUO-C-005: O<br>PoCCPSpec-CTR-S-021: M   | RD 6.1.5.3,<br>AD 9.10,<br>CP 6.1.10<br>CP 7.2.1.11<br>CP 7.2.1.8 para 3                                       |
| PoC-1.0-int-O-0312      | PoCCPSpec-CSI-C-008: O<br>PoCCPSpec-CPO-S-003: M   | RD 6.1.4.4,<br>AD 9.10,<br>CP 6.1.3.2.3<br>CP 7.2.1.15   |
| PoC-1.0-int-O-0313      | PoCCPSpec-CSI-C-008: O<br>PoCCPSpec-CPO-S-003: M   | RD 6.1.4.4,<br>AD 9.10,<br>CP 6.1.3.2.3<br>CP 7.2.1.15   |
| PoC-1.0-int-O-0316      | PoCCPSpec-CSI-C-007: O<br>PoCCPSpec-CTP-C-001: M<br>PoCCPSpec-CTR-S-021: M                           | RD 6.1.4.3,<br>AD 8.17,<br>CP 6.1.3.2.2<br>CP 6.2.1.1<br>CP 7.2.2.1<br>CP 7.2.3.1                              |
| PoC-1.0-int-O-0317      | PoCCPSpec-CSI-C-007: O<br>PoCCPSpec-CTP-C-001: M<br>PoCCPSpec-CTR-S-021: M                           | RD 6.1.4.3,<br>AD 8.17,<br>CP 6.1.3.2.3<br>CP 6.2.1.1<br>CP 7.2.1.3<br>CP 7.2.1.14<br>CP 7.2.2.1<br>CP 7.3.2.1 |
| PoC-1.0-int-O-0318      | PoC_UserPlaneV1-UID-C-001: O<br>PoC_UserPlaneV1-CID-S-001: M   | RD 6.1.4.3,<br>AD 8.17,<br>UP 8.1<br>UP 8.2  |
| PoC-1.0-int-O-0319      | PoC_UserPlaneV1-UID-C-001: O<br>PoC_UserPlaneV1-CID-S-001: M   | RD 6.1.4.3,<br>AD 8.17,<br>UP 8.1<br>UP 8.2  |
| PoC-1.0-int-O-0320      | PoC_UserPlaneV1-UID-C-001: O<br>PoC_UserPlaneV1-CID-S-001: M   | RD 6.1.4.3,<br>AD 8.17,<br>UP 8.1<br>UP 8.2  |
| PoC-1.0-int-O-0321      | PoCCPSpec-CUO-C-002: O<br>PoCCPSpec-CRE-S-010: M   | CP 6.1.8<br>CP 7.4.1.2   |
| PoC-1.0-int-O-0322      | PoCCPSpec-CUO-C-003: O<br>PoCCPSpec-PIR-S-019: O<br>PoCCPSpec-CTR-S-026: M<br>PoCCPSpec-CTR-S-028: O | CP 6.1.9<br>CP 7.2.1.12<br>CP 7.3.1.11   |
| PoC-1.0-int-O-0323      | PoCCPSpec-CTP-C-011: O<br>PoCCPSpec-CIR-S-009: O<br>PoCCPSpec-PTR-S-012: O                           | CP 6.2.5<br>CP 7.2.2.6<br>CP 7.3.2.7   |
| PoC-1.0-int-O-0324      | PoCCPSpec-CTR-S-026: M   | CP 7.2.1.12  |
| PoC-1.0-int-O-0325      | PoCCPSpec-CUO-C-003: O<br>PoCCPSpec-CTR-S-026: M<br>PoCCPSpec-CTR-S-027: O                           | CP 6.1.9<br>CP 7.2.1.12  |

| Test Case Number in ETS | SCR-reference                                    | Spec (AD, CP, UP)-reference          |
|-------------------------|--|--------------------------------------|
| PoC-1.0-int-O-0326      | PoCCPSpec-CUO-C-002: O<br>PoCCPSpec-CUO-S-001: M | RD 6.1.3,<br>CP 6.1.8,<br>CP 7.4.1.1 |

| Test Case Number in ETS                                | SCR-reference   | Spec (AD, CP, UP)-reference                          |
|--|---|--|
| <b>Session Unrelated – Section 6.2.3</b>               |   |  |
|  |   |  |
|  |   |  |
| <b>Talk Burst Control – Sections 6.2.4 &amp; 6.2.5</b> |   |  |
| PoC-1.0-int-O-0500                                     | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS  | AD 9.13.1,<br>UP 6.3.4<br>UP 6.4.4<br>UP 6.5.4.1.3   |
| PoC-1.0-int-O-0501                                     | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference                          |
|-------------------------|--|--|
| PoC-1.0-int-O-0502      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-004:O<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O   | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |
| PoC-1.0-int-O-0503      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-004:O<br>PoC_UserPlaneV1-UME-C-005:O<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UME-C-013:O<br>PoC_UserPlaneV1-PME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-010:O:MS<br>PoC_UserPlaneV1-UME-C-014:O<br>PoC_UserPlaneV1-PME-S-012:O:MS<br>PoC_UserPlaneV1-CME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-012:O<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference                          |
|-------------------------|---|--|
| PoC-1.0-int-O-0504      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-005:O<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UME-C-013:O<br>PoC_UserPlaneV1-PME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-010:O:MS<br>PoC_UserPlaneV1-UME-C-014:O<br>PoC_UserPlaneV1-PME-S-012:O:MS<br>PoC_UserPlaneV1-CME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-012:O<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS<br>PoC_UserPlaneV1-UTB-C-002:O | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |
| PoC-1.0-int-O-0505      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-004:O<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UME-C-013:O<br>PoC_UserPlaneV1-PME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-010:O:MS<br>PoC_UserPlaneV1-UME-C-014:O<br>PoC_UserPlaneV1-PME-S-012:O:MS<br>PoC_UserPlaneV1-CME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-013:O<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS                                | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |

| Test Case Number in ETS | SCR-reference   | Spec (AD, CP, UP)-reference                          |
|-------------------------|---|--|
| PoC-1.0-int-O-0506      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-004:O<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UME-C-013:O<br>PoC_UserPlaneV1-PME-S-011:O:MS<br>PoC_UserPlaneV1-CME-S-010:O:MS<br>PoC_UserPlaneV1-UME-C-014:O<br>PoC_UserPlaneV1-PME-S-012:O:MS<br>PoC_UserPlaneV1-CME-S-011:O:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |
| PoC-1.0-int-O-0520      | PoC_UserPlaneV1-UME-C-001:M<br>PoC_UserPlaneV1-PME-S-001:O:MS<br>PoC_UserPlaneV1-CME-S-001:M:MS<br>PoC_UserPlaneV1-UME-C-003:M<br>PoC_UserPlaneV1-PME-S-003:O:MS<br>PoC_UserPlaneV1-CME-S-003:M:MS<br>PoC_UserPlaneV1-UME-C-006:M<br>PoC_UserPlaneV1-PME-S-004:O:MS<br>PoC_UserPlaneV1-CME-S-004:M:MS<br>PoC_UserPlaneV1-UME-C-008:M<br>PoC_UserPlaneV1-PME-S-006:O:MS<br>PoC_UserPlaneV1-CME-S-006:M:MS<br>PoC_UserPlaneV1-UME-C-009:M<br>PoC_UserPlaneV1-PME-S-007:O:MS<br>PoC_UserPlaneV1-CME-S-007:M:MS<br>PoC_UserPlaneV1-UTB-C-001:M<br>PoC_UserPlaneV1-PTB-S-001:O:MS<br>PoC_UserPlaneV1-CTB-S-001:M:MS  | AD 9.13.2,<br>UP 6.2.9<br>UP 6.3<br>UP 6.4<br>UP 6.5 |
|                         |   |  |

| Test Case Number in ETS                      | SCR-reference  | Spec (AD, CP, UP)-reference   |
|--|--|---|
| <b>1-many-1 Sessions – Section 6.2.5.3</b>   |  |   |
| PoC-1.0-int-O-0540                           | PoC_UserPlaneV1-CTB-S-004: O<br>POC_XDM-AU-S-005: M  | UP 6.4.4.3.4<br>UP 6.4.4.4.2<br>UP 6.4.4.4.3<br>UP 6.4.4.5.2<br>UP 6.4.4.5.4<br>XDM 5.1.7   |
| PoC-1.0-int-O-0541                           | PoCCPSpec-CTR-S-006: M<br>POC_XDM-AU-S-005: M  | CP 7.2.1.3<br>XDM 5.1.7   |
| <b>Simultaneous Sessions – Section 6.2.6</b> |  |   |
| PoC-1.0-int-O-0601                           | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-021 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.11<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.5, 8.10.6 |
| PoC-1.0-int-O-0602                           | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-021 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.11<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.5, 8.10.6 |
| PoC-1.0-int-O-0603                           | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O                            | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.4, 9.12.5                |
| PoC-1.0-int-O-0604                           | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-021 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.5, 8.10.6                |

| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference   |
|-------------------------|--|---|
| PoC-1.0-int-O-0605      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O                            | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 9.12.5  |
| PoC-1.0-int-O-0606      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-021 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.11<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8,10.2, 8.10.5, 8.10.6         |
| PoC-1.0-int-O-0607      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O                            | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.2, 9.8.1, 9.12.5                         |
| PoC-1.0-int-O-0608      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O                            | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.2, 9.8.1, 9.12.5                         |
| PoC-1.0-int-O-0609      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-005 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.2<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>UP 6.2.7, 6.3.7<br>AD 8.10, 9.12.5 |
| PoC-1.0-int-O-0610      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-005 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.2<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.4, 8.10.5, 8.10.6          |



| Test Case Number in ETS | SCR-reference  | Spec (AD, CP, UP)-reference  |
|-------------------------|--|--|
| PoC-1.0-int-O-0611      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-005 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.2<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.4, 9.12.5     |
| PoC-1.0-int-O-0612      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-005 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>CP 7.2.1.2<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.4, 9.12.5     |
| PoC-1.0-int-O-0613      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CUO-C-009 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.2,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.3,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.2, 8.10.3, 9.8.2            |
| PoC-1.0-int-O-0614      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-021 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.2,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.3,<br>CP 7.2.1.11<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10, 9.8, 9.12.5 |
| PoC-1.0-int-O-0631      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoCCPSpec-CTR-S-021 : M<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.2,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.3,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.1                           |
| PoC-1.0-int-O-0632      | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O                            | CP 6.1.12,<br>CP 6.1.12.1,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.2,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.1, 8.10.2, 9.8.1            |

| Test Case Number in ETS                      | SCR-reference  | Spec (AD, CP, UP)-reference   |
|--|--|---|
| PoC-1.0-int-O-0633                           | PoCCPSpec-CUO-C-007 : O<br>PoCCPSpec-CUO-C-008 : O<br>PoCCPSpec-CUO-C-009 : O<br>PoCCPSpec-CTP-C-013 : O<br>PoCCPSpec-PIR-S-020 : O<br>PoC_UserPlaneV1-UTB-C-015 : O<br>PoC_UserPlaneV1-UMC-C-012 : O<br>PoC_UserPlaneV1-UMC-C-013 : O<br>PoC_UserPlaneV1-PTB-S-003 : O<br>PoC_UserPlaneV1-PMC-S-007 : O | CP 6.1.12,<br>CP 6.1.12.2,<br>CP 6.2.7,<br>CP 7.3.1.12.1,<br>CP 7.3.1.12.3,<br>UP 6.2.7, 6.2.8<br>UP 7.5.1, 7.5.2<br>AD 8.10.2, 8.10.3, 9.8.2 |
| <b>PoC XDM Group Actions – Section 6.2.7</b> |  |   |
| PoC-1.0-int-O-0701                           | PoC_XDM-CAU-C-001:M<br>PoC_XDM-AU-S-001:M<br>PoC_XDM-AU-S-002:M<br>PoC_XDM-AU-S-003:M<br>PoC_XDM-AU-S-005:M  | POC-XDM 5.1.1<br>POC-XDM 5.1.4<br>POC-XDM 5.1.7   |

## Appendix B. Change History (Informative)

### B.1 Approved Version History

| Reference                   | Date         | Description  |
|-----------------------------|--------------|--|
| ??                          | Dd Mth YYYY  | First approved version   |
| OMA-ETS-POC-V1_0-20050714-A | 14 July 2005 | Small changes to the test specification approved by IOP WG. Technical Plenary notified of the new version. |