



Enabler Test Report Push-to-talk Over Cellular v1.0

OMA TestFest (March 2006)
Version 04-Apr-2006

Open Mobile Alliance
OMA-Enabler_Test_Report-PoC-10-2006-04-04

This document is considered confidential and may not be disclosed in any manner to any non-member of the Open Mobile Alliance™, unless there has been prior explicit Board approval.

This document is a work in process and is not an approved Open Mobile Alliance™ specification. This document is subject to revision or removal without notice. No part of this document may be used to claim conformance or interoperability with the Open Mobile Alliance specifications.

© 2006 Open Mobile Alliance Ltd. All rights reserved.

Terms and conditions of use are available from the Open Mobile Alliance™ Web site at <http://www.openmobilealliance.org/copyright.html>.

You may use this document or any part of the document for internal or educational purposes only, provided you do not modify, edit or take out of context the information in this document in any manner. You may not use this document in any other manner without the prior written permission of the Open Mobile Alliance™. The Open Mobile Alliance authorises you to copy this document, provided that you retain all copyright and other proprietary notices contained in the original materials on any copies of the materials and that you comply strictly with these terms. This copyright permission does not constitute an endorsement of the products or services offered by you.

The Open Mobile Alliance™ assumes no responsibility for errors or omissions in this document. In no event shall the Open Mobile Alliance be liable for any special, indirect or consequential damages or any damages whatsoever arising out of or in connection with the use of this information.

This document is not an Open Mobile Alliance™ specification, is not endorsed by the Open Mobile Alliance and is informative only. This document is subject to revision or removal without notice. No part of this document may be used to claim conformance or interoperability with the Open Mobile Alliance specifications.

Open Mobile Alliance™ members have agreed to use reasonable endeavors to disclose in a timely manner to the Open Mobile Alliance the existence of all intellectual property rights (IPR's) essential to the present document. However, the members do not have an obligation to conduct IPR searches. The information received by the members is publicly available to members and non-members of the Open Mobile Alliance and may be found on the "OMA IPR Declarations" list at <http://www.openmobilealliance.org/ipr.html>. Essential IPR is available for license on the basis set out in the schedule to the Open Mobile Alliance Application Form.

No representations or warranties (whether express or implied) are made by the Open Mobile Alliance™ or any Open Mobile Alliance member or its affiliates regarding any of the IPR's represented on this "OMA IPR Declarations" list, including, but not limited to the accuracy, completeness, validity or relevance of the information or whether or not such rights are essential or non-essential.

This document is available online in PDF format at <http://www.openmobilealliance.org/>.

Known problems associated with this document are published at <http://www.openmobilealliance.org/>.

Comments regarding this document can be submitted to the Open Mobile Alliance™ in the manner published at <http://www.openmobilealliance.org/documents.html>

Contents

- 1. SCOPE4
- 2. REFERENCES.....5
 - 2.1 NORMATIVE REFERENCES5
 - 2.2 INFORMATIVE REFERENCES5
- 3. TERMINOLOGY AND CONVENTIONS6
 - 3.1 CONVENTIONS6
 - 3.2 DEFINITIONS.....6
 - 3.3 ABBREVIATIONS6
- 4. SUMMARY7
- 5. TEST DETAILS.....8
 - 5.1 DOCUMENTATION.....8
 - 5.2 TEST CASE STATISTICS9
 - 5.2.1 Test Case Summary.....9
 - 5.2.2 Test Case List.....10
 - 5.3 DOCUMENTATION FOR PoC-NNI TESTING.....30
 - 5.4 TEST CASE STATISTICS FOR PoC-NNI TESTING31
 - 5.4.1 Test Case Summary.....31
 - 5.4.2 Test Case List.....32
 - 5.5 PROBLEM REPORTS.....35
- 6. CONFIRMATION36
- APPENDIX A. CHANGE HISTORY (INFORMATIVE)37

1. Scope

This report describes the results from the testing carried out at OMA TestFest-14 March 2006 concerning Push-to-talk Over Cellular version 1.0 Enabler.

2. References

2.1 Normative References

- [OMAIOPPROC] OMA Interoperability Policy and Process, <http://www.openmobilealliance.org/>
- [POCEICS] Enabler Implementation Conformance Statement (EICS), PoC
- [ERELED] Enabler Release Document for Presence OMA-ERELED-POC-V1_0
<http://www.openmobilealliance.org/>
- [EPTR] Enabler Product Test Report
- [ETP] Enabler Test Plan
- [ETS] Enabler Test Specification for Push-to-talk Over Cellular (Interoperability)- Version 1.0
– 24th January 2006
Enabler Test Specification for Push-to-talk Over Cellular - XDM (Interoperability)- Version 1.0
– 20th October 2005
<http://www.openmobilealliance.org/>
- [OMARDPOC] Push-to-talk Over Cellular Requirements Version 1.0 OMA-RD_PoC-V1.0
<http://www.openmobilealliance.org/>
- [OMATSPOC] Push-to-talk Over Cellular Specification OMA-TS-
<http://www.openmobilealliance.org/>

2.2 Informative References

- [OMADICT] Dictionary for OMA Specification, OMA-Dictionary
<http://www.openmobilealliance.org/>
- [OMAADPOC]
<http://www.openmobilealliance.org/>

3. Terminology and Conventions

3.1 Conventions

This is an informative document, i.e. the document does not intend to contain normative statements.

3.2 Definitions

User - A person using UE.

User[N] - A subscriber assigned to UE, where N is an integer number (i.e. User1, User2)

UE[N] - A client terminal used for testing where N is an integer number (i.e. UE1, UE2 etc.)

3.3 Abbreviations

OMA	Open Mobile Alliance
PS	Presence Server
PoC	Push to talk over Cellular
RD	Requirements Document
SIP	Session Initiation Protocol
URI	Universal Resource Identifier
XCAP	XML Configuration Access Protocol
XDMC	XML Document management Client
XDMS	XML Document Management Server
XML	Extensible Mark-up Language

4. Summary

This report gives details of the testing carried out during the OMA TestFest-14 (March 2006) for Push-to-talk Over Cellular (PoC) v1.0.

The report is compiled on behalf of OMA by the OMA Trusted Zone.

The work and reporting has followed the OMA IOP processes and policies [OMAIOPPROC].

5. Test Details

5.1 Documentation

This chapter lists the details of the enabler and any documentation, tools or test suites used to prove the enabler.

Date:	20th – 28 th March 2006
Location:	Montréal, Canada
Enabler:	Push-to-talk Over Cellular v1.0
Process:	OMA Interoperability Policy and Process [OMAIOPPROC]
Type of Testing	Interoperability Testing
Products tested:	Client-to-server, Client-to-Client
Test Plan:	Push-to-talk Over Cellular Enabler Test Plan [ETP]
Test Specification:	Push-to-talk Over Cellular Enabler Test Specification [ETS]
Test Tool:	None
Test Code:	None
Type of Test event:	TestFest
Participants:	Comneon GmbH & Co OHG, Ecrio Inc., Ericsson AB, Motorola Inc., Nokia, Qualphone Inc., Sonim Technologies <i>Plus one other participating Company</i>
Number of Client Products:	7 Clients
Participating Technology Providers for clients:	Comneon GmbH & Co OHG, Ecrio Inc., Motorola Inc, Nokia, Qualphone Inc., Sonim Technologies <i>Plus one other participating Client</i>
Number of Server Products:	3 Servers
Participating Technology Providers for servers:	Ericsson AB, Nokia Networks; Sonim Technologies
Number of test sessions completed:	38 of 42

5.2 Test Case Statistics

5.2.1 Test Case Summary

This chapter gives an overview of the result for all test cases included in [ETS].

The following status is used in the tables below:

- **Total number of TCs:** Used in the summary to indicate how many test cases there are in total.
- **Number of passed:** Used in the summary to indicate how many of the total test cases successfully passed.
- **Number of failed:** Used in the summary to indicate how many of the total test cases failed.
- **Number of N/A:** Used in the summary to indicate how many of the total test cases have not been run due to one of the implementations not supporting the functionality required to run this test case.
- **Number of OT:** Used in the summary to indicate how many of the total test cases have not been run due to no time to run the test case.
- **Number of INC:** Used in the summary to indicate how many of the total test cases have not been run due to functionality not being tested due to an error in the implementation or other functionality that is required to run this test case.

Test Section:	Number of test sessions:	Total number of TCs:	Number of Passed:	Number of Failed:	Number of N/A:	Number of OT:	Number of INC:	Total:
Client to Server TCs	38	3	70	0	4	40	0	114
Client to Server to Client TCs	38	198	1219	42	507	5735	21	7524
Total	38	201	1289	42	511	5775	21	7638

5.2.2 Test Case List

This chapter lists the statistics for all test cases included in [ETS].

The following status is used in the tables below:

- **No. of runs(R):** Used to indicate how many times the test cases have been run in total.
- **No. of passed(P):** Used to indicate how many times the test case has been run with successful result.
- **No. of failed(F):** Used to indicate how many times the test case has been run with failed result
- **No. of OT(O):** Used to indicate how many times the test case has not been run due to no time available.
- **No. of INC(I):** Used to indicate how many times the test case has not been run due to errors being found in other functionality required for running this test case.
- **PR:** Used to indicate if any PRs (Problem Reports) have been issued during testing.
- **Note:** Used to indicate the cause of Inconclusive or Fail verdicts.

Tests for Push-to-talk Over Cellular TestFest from ETS OMA-ETS-PoC_INT-V1_0_1-20060124-D.doc

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0100	Verify that a user is able to register for PoC service at the SIP/IP Core (including sending PoC service settings).	38	31	0	7	0		
PoC-1.0-int-0101	Verify that a user is not able to register for PoC Service at the SIP/IP Core network if the user provided credentials are incorrect for authentication purposes.	34	9	0	25	0		
PoC-1.0-int-0102	Verify that a user is able to de-register for PoC service at the SIP/IP Core network.	38	30	0	8	0		
PoC-1.0-int-0200	Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Confirmed Indication/Manual Answer)	38	25	0	13	0		
PoC-1.0-int-0201	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).)	38	15	0	21	2		
PoC-1.0-int-0202	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.	37	9	1	27	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0203	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).	38	31	0	7	0		
PoC-1.0-int-0204	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.	34	9	0	25	0		
PoC-1.0-int-0205	PoC User in a 1-to-1 (On-Demand) Session can be removed by the service entity.	38	30	0	8	0		
PoC-1.0-int-0206	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.	38	25	0	13	0		
PoC-1.0-int-0207	PoC 1-to-1 (On-Demand) Session termination after pre-defined time period of no Talk Burst.	38	15	0	21	2		
PoC-1.0-int-0208	Verify that a 1-to-1 PoC Session initiation attempt can be successfully cancelled.	37	9	1	27	0		
PoC-1.0-int-0209	Verify a notification about a remote party being not reachable during a 1-to-1 (On-Demand) PoC Session establishment attempt.	38	25	0	13	0		
PoC-1.0-int-0210	Verify that an indication of a remote party REJECT is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.	38	19	0	19	0		
PoC-1.0-int-0211	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.	34	6	0	28	0		
PoC-1.0-int-0212	Verify ISB and that a notification about the remote party setting is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.	37	10	0	27	0		
PoC-1.0-int-0213	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)	38	17	0	21	0		
PoC-1.0-int-0300	Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Manual Answer/Confirmed Indication)	38	20	1	17	0		
PoC-1.0-int-0301	Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Automatic Answer/Confirmed Indication)	37	15	0	22	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0302	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – mixed answer modes.	38	24	0	14	0		
PoC-1.0-int-0303	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.	37	8	0	29	0		
PoC-1.0-int-0304	Ad-Hoc Participant invites PoC User so that he may re-join an ongoing Ad-Hoc PoC Group (On-Demand) Session.	38	30	0	8	0		
PoC-1.0-int-0305	Verify that the session is disconnected when the initiator leaves the Ad-Hoc PoC Group (On-Demand) Session, regardless of the value of AutoRelease.	32	4	0	28	0		
PoC-1.0-int-0306	Verify that the last Participant is disconnected from the Ad-Hoc PoC Group (On-Demand) Session (Number-of-Remaining-Participants=1).	37	12	0	25	0		
PoC-1.0-int-0307	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).	37	11	0	26	0		
PoC-1.0-int-0308	PoC User in Ad-Hoc PoC Group (On-Demand) Session can be removed by the service entity.	38	19	2	17	0		
PoC-1.0-int-0309	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.	37	9	0	28	0		
PoC-1.0-int-0310	Ad-Hoc PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.	36	8	2	26	0		
PoC-1.0-int-0311	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)	38	20	1	17	0		
PoC-1.0-int-0312	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)	38	19	0	19	0		
PoC-1.0-int-0313	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.	38	17	1	20	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0314	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.	33	6	0	27	0		
PoC-1.0-int-0315	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality. (Manual Answer, one non-registered PoC User)	37	8	0	29	0		
PoC-1.0-int-0316	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality; session rejected by one PoC User.	38	17	0	21	0		
PoC-1.0-int-0317	Establish Ad-Hoc PoC Group (On-Demand) Session where some PoC Users accept a session invitation and the others are out of Radio Coverage.	34	1	0	33	0		
PoC-1.0-int-0318	Notification when some remote Participants accept an invitation to an Ad-Hoc PoC Group (On-Demand) Session and others do not exist.	37	6	0	31	0		
PoC-1.0-int-0319	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)).	36	4	0	32	0		
PoC-1.0-int-0320	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).	38	10	2	26	0		
PoC-1.0-int-0321	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.	37	8	0	29	0		
PoC-1.0-int-0322	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – session not established (no answer).	38	21	0	17	0		
PoC-1.0-int-0323	Verify that an active session is put "on hold". (Ad-Hoc PoC Group Session)	38	17	0	21	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0324	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)	37	6	2	29	0		
PoC-1.0-int-0325	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)	33	13	2	17	1		
PoC-1.0-int-0400	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Automatic Answer/Confirmed Indication)	38	16	1	21	0		
PoC-1.0-int-0401	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Manual Answer)	31	12	1	17	1		
PoC-1.0-int-0402	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Mixed Automatic and Manual Answer)	37	13	0	24	0		
PoC-1.0-int-0403	PoC User re-joins an ongoing Pre-Arranged PoC Group (On-Demand) Session after having rejected the initial invitation.	27	0	0	27	0		
PoC-1.0-int-0404	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).	33	4	0	29	0		
PoC-1.0-int-0405	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)	33	2	0	31	0		
PoC-1.0-int-0406	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)	37	9	0	28	0		
PoC-1.0-int-0407	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.	37	10	0	27	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0408	Verify that the last Participant is disconnected from the Pre-Arranged PoC Group (On-Demand) Session when the second-to-last Participant hangs up.	38	17	2	19	0		
PoC-1.0-int-0409	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.	37	9	0	28	0		
PoC-1.0-int-0410	Verify that as the last Participant is disconnected from a Pre-Arranged PoC Group (On-Demand) Session, the PoC Server removes the active session.	37	2	0	35	0		
PoC-1.0-int-0411	Verify that all Participants are disconnected from the session when initiator leaves a Pre-Arranged PoC Group (On-Demand) Session and AutoRelease = True.	37	4	0	33	0		
PoC-1.0-int-0412	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.	32	12	2	17	1		
PoC-1.0-int-0413	PoC User in Pre-Arranged PoC Group (On-Demand) Session can be removed by the service entity.	26	4	2	19	1		
PoC-1.0-int-0414	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.	38	18	0	20	0		
PoC-1.0-int-0415	PoC Pre-Arranged PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.	37	4	0	33	0		
PoC-1.0-int-0416	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).	38	13	0	25	0		
PoC-1.0-int-0417	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.	38	16	0	22	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0418	Verify Pre-Arranged PoC Group (On-Demand) Session establishment functionality with a group having several registered members, one with ISB-enabled. (Automatic Answer)	38	14	1	23	0		
PoC-1.0-int-0419	Verify that a Pre-Arranged PoC Group (On-Demand) Session can be cancelled during session initiation.	35	6	0	29	0		
PoC-1.0-int-0420	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).	37	4	0	33	0		
PoC-1.0-int-0421	Verify that an active session is put "on hold". (Pre-Arranged PoC Group Session)	38	14	0	24	0		
PoC-1.0-int-0422	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)	37	2	0	35	0		
PoC-1.0-int-0423	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)	37	4	0	33	0		
PoC-1.0-int-0424	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)	38	17	0	21	0		
PoC-1.0-int-0425	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)	38	15	1	22	0		
PoC-1.0-int-0426	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)	38	14	0	22	2		
PoC-1.0-int-0427	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)	35	0	0	35	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0428	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)	37	4	0	33	0		
PoC-1.0-int-0429	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)	37	2	1	34	0		
PoC-1.0-int-0430	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)	37	2	1	34	0		
PoC-1.0-int-0431	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)	37	2	1	34	0		
PoC-1.0-int-0450	Verify that the Pre-Arranged PoC Group (On-Demand) Session initiation fails when none of the invitees are registered.	36	0	1	35	0		
PoC-1.0-int-0500	Verify that PoC Users are able to connect to an Open Chat PoC Group (On-Demand) Session and communicate with one another.	36	0	1	35	0		
PoC-1.0-int-0501	Verify that it is possible to connect to an Open Chat PoC Group (On-Demand) Session even though the owner is not connected.	36	0	1	35	0		
PoC-1.0-int-0502	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)	36	0	1	35	0		
PoC-1.0-int-0503	Verify that the Open Chat PoC Group (On-Demand) Session remains active until the last PoC User drops out of the session.	36	1	0	35	0		
PoC-1.0-int-0504	Verify re-join Open Chat PoC Group (On-Demand) Session establishment functionality.	36	1	0	35	0		
PoC-1.0-int-0505	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.	37	2	0	35	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0506	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.	35	7	0	28	0		
PoC-1.0-int-0507	Verify that authorized PoC Users are able to join a Restricted Chat PoC Group.	35	22	1	12	0		
PoC-1.0-int-0508	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.	35	16	2	16	1		
PoC-1.0-int-0509	Verify that PoC Users are able to add other PoC Users (Automatic Answer) to a Restricted Chat PoC Group (On-Demand) Session.	35	18	1	15	1		
PoC-1.0-int-0510	Verify that PoC Users are able to add other PoC Users (Manual Answer) to a Restricted Chat PoC Group (On-Demand) Session.	35	16	0	18	1		
PoC-1.0-int-0511	Verify the system rejects new PoC Users when maximum number of PoC Users is reached in an Open Chat PoC Group (On-Demand) Session.	33	13	1	18	1		
PoC-1.0-int-0512	Verify that it is not possible to connect to a non-existent Chat PoC Group (On-Demand) Session.	35	17	1	17	0		
PoC-1.0-int-0513	Verify that unauthorized PoC Users are not able to join a Restricted Chat PoC Group (On-Demand) Session.	35	16	0	19	0		
PoC-1.0-int-0514	PoC User in an Open Chat PoC Group (On-Demand) Session can be removed by the service entity.	34	0	0	34	0		
PoC-1.0-int-0515	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.	35	12	1	22	0		
PoC-1.0-int-0516	Open Chat PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.	35	14	0	21	0		
PoC-1.0-int-0518	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.	35	13	0	22	0		
PoC-1.0-int-0519	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.	35	17	0	18	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0520	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)	35	16	0	19	0		
PoC-1.0-int-0600	Verify that Pre-Established Session is properly established.	33	12	0	21	0		
PoC-1.0-int-0601	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.	33	8	2	23	0		
PoC-1.0-int-0602	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.	25	3	0	22	0		
PoC-1.0-int-0603	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.	36	0	0	36	0		
PoC-1.0-int-0604	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.	36	0	0	36	0		
PoC-1.0-int-0605	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.	36	1	0	35	0		
PoC-1.0-int-0606	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.	26	1	0	25	0		
PoC-1.0-int-0607	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.	26	1	0	25	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0608	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.	37	2	0	35	0		
PoC-1.0-int-0609	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.	37	1	0	36	0		
PoC-1.0-int-0610	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.	37	1	0	36	0		
PoC-1.0-int-0611	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.	37	1	0	36	0		
PoC-1.0-int-0612	Verify that PoC Client is able to leave from a Pre-Established Session properly based on session policy.	37	1	0	36	0		
PoC-1.0-int-0613	Verify that PoC Client is able to re-join an Ad-Hoc PoC Group Session (using Pre-Established Session) properly.	37	1	0	36	0		
PoC-1.0-int-0614	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.	37	1	0	36	0		
PoC-1.0-int-0615	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.	37	1	0	36	0		
PoC-1.0-int-0616	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.	30	4	0	26	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0617	Verify that notification of identities of Participants to the added PoC User is handled based on privacy settings.	37	1	0	36	0		
PoC-1.0-int-0618	Verify that notification of identities of Participants to the added PoC User is handled based on privacy settings.	36	0	0	36	0		
PoC-1.0-int-0630	Verify that the event is detected and handled properly.	36	0	0	36	0		
PoC-1.0-int-0700	Verify that the PoC User can select Incoming PoC Session Barring (Barring) again without an error.	36	0	0	36	0		
PoC-1.0-int-0701	Verify that privacy request is properly handled. (Ad-Hoc Case)	36	0	0	36	0		
PoC-1.0-int-0702	Verify that privacy request is properly handled. (Pre-Arranged PoC Group Case)	36	0	0	36	0		
PoC-1.0-int-0703	Verify that privacy request is properly handled. (Chat PoC Group Case)	36	0	0	36	0		
PoC-1.0-int-0704	Verify that privacy request is properly handled when leaving a PoC Session. (Ad-Hoc Case)	36	0	0	36	0		
PoC-1.0-int-0705	Verify that privacy request is properly handled when leaving a PoCSession. (Pre-Arranged Group Case)	36	0	0	36	0		
PoC-1.0-int-0706	Verify that privacy request is properly handled when leaving a PoCSession. (Chat Group Case)	37	8	0	29	0		
PoC-1.0-int-0707	Verify that privacy request is properly handled. (Ad-Hoc Case)	36	1	0	35	0		
PoC-1.0-int-0708	Verify that privacy request is properly handled. (Pre-Arranged Group Case)	36	1	0	35	0		
PoC-1.0-int-0709	Verify that privacy request is properly handled. (Chat Group Case)	36	1	0	35	0		
PoC-1.0-int-0710	Verify that PoC Client is able to send PoC Alert Messages.	31	8	0	22	1		
PoC-1.0-int-0711	Verify that PoC Client is able to receive PoC Alert Messages.	32	3	0	29	0		
PoC-1.0-int-0712	Verify that an Instant Personal Alert is sent with alert barring active.	31	8	0	22	1		
PoC-1.0-int-0713	Verify that the PoC Client is able to send Group Advertisement messages.	27	6	0	20	1		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0714	Verify that the PoC Client is able to send Group Advertisement messages.	29	5	0	23	1		
PoC-1.0-int-0715	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.	29	6	0	22	1		
PoC-1.0-int-0716	Verify that the PoC Client is able to send Group Advertisement messages but without Server Support	35	8	0	27	0		
PoC-1.0-int-0717	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	35	8	0	27	0		
PoC-1.0-int-0720	Verify that a PoC Client receives a notification in case a PoC Alert Message fails.	34	8	0	25	1		
PoC-1.0-int-0800	Verify that request for the Right to Speak is denied when the Right to Speak is already granted to another PoC User.	26	0	0	26	0		
PoC-1.0-int-0801	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.	35	0	0	35	0		Note 1
PoC-1.0-int-0802	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.	27	0	0	27	0		
PoC-1.0-int-0803	Verify that Talk Burst is denied when the Talk Burst Control Indication is not idle.	26	0	0	26	0		
PoC-1.0-int-0804	Verify that Talk Burst is denied when floor is not idle.	37	1	0	36	0		
PoC-1.0-int-0805	Verify that Talk Burst is denied when floor is not idle.	37	1	0	36	0		
PoC-1.0-int-0806	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.	38	17	0	21	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0807	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.	35	6	0	29	0		
PoC-1.0-int-0820	Verify the robustness of the PoC Client and PoC Server when the Right to Speak request is not received by the PoC Server.	37	2	0	35	0		
PoC-1.0-int-0821	Verify the robustness of the PoC Client and PoC Server when the PoC Client does not receive the Right to Speak Indication.	37	2	0	35	0		
PoC-1.0-int-0822	Verify the robustness of the PoC Client and PoC Server when the PoC Server does not receive sends Talk Burst Release Indication.	37	2	0	35	0		
PoC-1.0-int-0823	Verify that the request for the Right to Speak is denied when no other Participants are in the session.	37	2	0	35	0		
PoC-1.0-int-0840	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.	38	17	0	21	0		
PoC-1.0-int-0841	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.	38	14	0	24	0		
PoC-1.0-int-0842	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.	36	13	0	22	1		
PoC-1.0-int-0843	Verify that the PoC Client can include the same timestamp value of the original Talk Burst Request in the resending Talk Burst Request.	36	13	0	22	1		
PoC-1.0-int-0844	Verify that the PoC Server sends information about position in the queue to the requesting PoC User.	36	12	0	23	1		
PoC-1.0-int-0845	Verify that the PoC Server cancels a queued, Right to Speak, request when requested by a PoC User.	37	2	0	35	0		
PoC-1.0-int-0850	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.	35	0	0	35	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0870	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.	35	0	0	35	0		
PoC-1.0-int-0871	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.	35	0	0	35	0		
PoC-1.0-int-0900	Verify that the PoC Participant can monitor Simultaneous PoC Sessions. (On-Demand Session)	36	1	0	35	0		
PoC-1.0-int-0901	Verify that PoC Participant can get Id of which PoC Session is being received.	35	0	0	35	0		
PoC-1.0-int-0902	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.	25	0	0	25	0		
PoC-1.0-int-0903	Verify that PoC Participant is able to continue monitoring other PoC Sessions while talking or listening to the selected PoC Sessions.	35	0	0	35	0		
PoC-1.0-int-0904	Verify that the traffic is filtered from other PoC Sessions and a single conversation can be heard.	25	0	0	25	0		
PoC-1.0-int-0905	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.	35	0	0	35	0		
PoC-1.0-int-0906	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.	25	0	0	25	0		
PoC-1.0-int-0907	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).	37	2	0	35	0		
PoC-1.0-int-0908	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.	37	0	0	37	0		
PoC-1.0-int-0909	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.	37	0	0	37	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0910	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.	37	0	0	37	0		
PoC-1.0-int-0911	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.	37	0	0	37	0		
PoC-1.0-int-0912	Verify that PoC Participant can lock to a desired PoC Session and can monitor the status of other PoC Groups.	37	0	0	37	0		
PoC-1.0-int-0913	Verify that PoC Participant can simultaneously establish a Chat PoC Group and a Pre-Arranged PoC Group Session.	37	0	0	37	0		
PoC-1.0-int-0930	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.)	37	0	0	37	0		
PoC-1.0-int-0931	Verify that the priority setting request not accepted by PoC Server is detected and the involved entities stay with their prior settings.	37	0	0	37	0		
PoC-1.0-int-0932	Verify that the lock/unlock setting request not accepted by PoC Server is detected and the involved entities stay with their prior settings.	37	0	0	37	0		

Notes:

1. Two test sessions commented on Test Case PoC-1.0-int-0801, indicating that they felt the test case description was unclear. A PR is expected to be raised for this issue, but has not been raised by the time of this report.

Tests for Push-to-talk Over Cellular TestFest from ETS OMA-ETS-PoC_XDM_INT-V1_0-20051020-D.doc

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-XDM-1.0-int-0100	Verify that UE can be successfully authenticated by the Aggregation Proxy when retrieving documents over the XCAP interface. TEST CASE GOAL: Verify that when the UE initiates the communication with an XDMS, the Aggregation Proxy authenticates it.	37	0	0	37	0		
PoC-XDM-1.0-int-0150	Verify that the Aggregation Proxy rejects too many failed authentication attempts by the UE. TEST CASE GOAL: Verify that the client will not be able to access XML documents during the initial communication attempt with an XDMS.	37	0	0	37	0		
PoC-XDM-1.0-int-0200	Verify that the user can create and retrieve an XML document from the PoC XDMS. TEST CASE GOAL: Verify that the creation of a group and/or addition of a member to the group creates an XML document in the PoC XDMS that can be retrieved by the users.	35	4	0	31	0		
PoC-XDM-1.0-int-0201	Verify that the UE can create and retrieve XML elements and attributes from the PoC XDMS. TEST CASE GOAL: Add a member to already existing group. Verify that the member and the "uri" attribute of the member are created and stored correctly in the PoC XDMS.	35	4	0	31	0		
PoC-XDM-1.0-int-0202	Verify that the user can modify and retrieve an XML document by modifying its element. TEST CASE GOAL: Modify a <display-name> element of an existing member in the existing group and verify that the list's XML document is updated correctly in the PoC XDMS.	37	1	0	36	0		
PoC-XDM-1.0-int-0203	Verify that the user can modify and retrieve an XML document and an element of an XML document. TEST CASE GOAL: Add a member to the existing group and verify that the group's XML document is updated correctly in the PoC XDMS. Modification of the document is achieved by adding a new element to it.	35	4	0	31	0		
PoC-XDM-1.0-int-0204	Verify that a user can delete an element from an XML document. TEST CASE GOAL: Delete a member of a group and verify that the group's XML document in the XDMS is updated correctly and does not contain the element that represents the deleted member.	35	4	0	31	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-XDM-1.0-int-0205	Verify that a user can delete an XML document from the XDMS. TEST CASE GOAL: Delete a "list-service" document describing a group from the PoC XDMS.	37	1	0	36	0		
PoC-XDM-1.0-int-0500	Verify that user is able to create multiple PoC Group documents. TEST CASE GOAL: Verify that multiple XML PoC group documents can be created in XDMS and retrieved from the XDMS by the user.	35	4	0	31	0		
PoC-XDM-1.0-int-0501	Verify that duplicate entry validation constraints is supported by the User and the PoC XDMS for the PoC Group document. TEST CASE GOAL: Verify that the user cannot add the same member to the same group twice. The PoC XDMS needs to validate the "Duplicate Entry" constraint and respond appropriately to the user. The UE needs to handle the response from the XDMS server correctly.	33	2	0	31	0		
PoC-XDM-1.0-int-0503	Verify the usage of <invite-members> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs supporting <invite-members> element can set and store the element correctly in PoC XDMS. Verify that PoC Server is able to read the element correctly from PoC XDMS and interpret it correctly.	37	0	0	37	0		
PoC-XDM-1.0-int-0504	Verify the usage of <invite-members> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <invite-members> element.	37	0	0	37	0		
PoC-XDM-1.0-int-0506	Verify the usage of <join-handling> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <join-handling> element can set and store the element correctly in PoC XDMS. <join-handling> element is a child of <action> element. <action> element is a child element of <rules> element.	37	0	0	37	0		
PoC-XDM-1.0-int-0507	Verify the usage of <join-handling> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <join-handling> element.	37	0	0	37	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-XDM-1.0-int-0510	Verify the usage of <invite-additional-users-dynamically> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <invite-additional-users-dynamically> element can set and store the element correctly in PoC XDMS. <invite-additional-users-dynamically> element is a child of <action> element. <action> element is a child element of <rules> element.	37	0	0	37	0		
PoC-XDM-1.0-int-0511	Verify the usage of <invite-additional-users-dynamically> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <invite-additional-users-dynamically> element.	37	0	0	37	0		
PoC-XDM-1.0-int-0512	Verify the usage of <allow-anonymity> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <allow-anonymity> element can set and store the element correctly in PoC XDMS. <allow-anonymity> element is a child of <action> element. <action> element is a child element of <rules> element	37	0	0	37	0		
PoC-XDM-1.0-int-0513	Verify the usage of <allow-anonymity> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-anonymity> element.	37	0	0	37	0		
PoC-XDM-1.0-int-0514	Verify the usage of <allow-conference-state> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <allow-conference-state> element can set and store the element correctly in PoC XDMS. <allow-conference-state> element is a child of <action> element. <action> element is a child element of <rules> element	37	0	0	37	0		
PoC-XDM-1.0-int-0515	Verify the usage of <allow-conference-state> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <allow-conference-state> element.	37	0	0	37	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-XDM-1.0-int-0516	Verify the usage of <is-key-participant> element in the PoC Group document. TEST CASE GOAL: Verify that the UEs that support <is-key-participant> element can set and store the element correctly in PoC XDMS. <is-key-participant> element is a child of <action> element. <action> element is a child element of <rules> element	37	0	0	37	0		
PoC-XDM-1.0-int-0517	Verify the usage of <is-key-participant> element in the PoC Group document. TEST CASE GOAL: Verify that PoC XDMS and the UEs can interpret correctly the default value of the <is-key-participant> element.	37	0	0	37	0		

5.3 Documentation for PoC-NNI Testing

Date:	20th – 28 th March 2006
Location:	Montréal, Canada
Enabler:	Push-to-talk Over Cellular v1.0 – NNI Testing
Process:	OMA Interoperability Policy and Process [OMAIOPPROC]
Type of Testing	Interoperability Testing
Products tested:	Client-to-server, Client-to-Client
Test Plan:	Push-to-talk Over Cellular Enabler Test Plan [ETP]
Test Specification:	Push-to-talk Over Cellular Enabler Test Specification [ETS]
Test Tool:	None
Test Code:	None
Type of Test event:	TestFest
Participants:	Comneon GmbH & Co OHG, Motorola Inc, Nokia, Sonim Technologies
Number of Client Products:	3 Clients
Participating Technology Providers for clients:	Comneon GmbH & Co OHG, Motorola Inc, Sonim Technologies
Number of Server Products:	2 Servers
Participating Technology Providers for servers:	Nokia Networks, Sonim Technologies
Number of test sessions completed:	9 of 12

5.4 Test Case Statistics For PoC-NNI Testing

5.4.1 Test Case Summary

This chapter gives an overview of the results for all test cases included in the PoC-NNI subset of [ETS].

The following status is used in the tables below:

- **Total number of TCs:** Used in the summary to indicate how many test cases there are in total.
- **Number of passed:** Used in the summary to indicate how many of the total test cases successfully passed.
- **Number of failed:** Used in the summary to indicate how many of the total test cases failed.
- **Number of N/A:** Used in the summary to indicate how many of the total test cases have not been run due to one of the implementations not supporting the functionality required to run this test case.
- **Number of OT:** Used in the summary to indicate how many of the total test cases have not been run due to no time to run the test case.
- **Number of INC:** Used in the summary to indicate how many of the total test cases have not been run due to functionality not being tested due to an error in the implementation or other functionality that is required to run this test case.

Test Section:	Number of test sessions:	Total number of TCs:	Number of Passed:	Number of Failed:	Number of N/A:	Number of OT:	Number of INC:	Total:
Client to Server to Client TCs	9	30	137	0	18	277	0	432
Total	9	30	137	0	18	277	0	432

5.4.2 Test Case List

This chapter lists the statistics for all test cases included in [ETS].

The following status is used in the tables below:

- **No. of runs(R):** Used to indicate how many times the test cases have been run in total.
- **No. of passed(P):** Used to indicate how many times the test case has been run with successful result.
- **No. of failed(F):** Used to indicate how many times the test case has been run with failed result
- **No. of OT(O):** Used to indicate how many times the test case has not been run due to no time available.
- **No. of INC(I):** Used to indicate how many times the test case has not been run due to errors being found in other functionality required for running this test case.
- **PR:** Used to indicate if any PRs (Problem Reports) have been issued during testing.
- **Note:** Used to indicate the cause of Inconclusive or Fail verdicts.

Tests for Push-to-talk Over Cellular (NNI Testing) TestFest from ETS OMA-ETS-PoC_INT-V1_0_1-20060124-D.doc

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0200	Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Confirmed Indication/Manual Answer)	9	9	0	0	0		
PoC-1.0-int-0201	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).)	9	3	0	6	0		
PoC-1.0-int-0202	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.	9	3	0	6	0		
PoC-1.0-int-0203	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).	9	9	0	0	0		
PoC-1.0-int-0204	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.	9	5	0	4	0		
PoC-1.0-int-0207	PoC 1-to-1 (On-Demand) Session termination after pre-defined time period of no Talk Burst.	9	4	0	5	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0209	Verify a notification about a remote party being not reachable during a 1-to-1 (On-Demand) PoC Session establishment attempt.	9	9	0	0	0		
PoC-1.0-int-0210	Verify that an indication of a remote party REJECT is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.	9	9	0	0	0		
PoC-1.0-int-0212	Verify ISB and that a notification about the remote party setting is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.	9	5	0	4	0		
PoC-1.0-int-0300	Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Manual Answer/Confirmed Indication)	7	5	0	2	0		
PoC-1.0-int-0302	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – mixed answer modes.	8	3	0	5	0		
PoC-1.0-int-0305	Verify that the session is disconnected when the initiator leaves the Ad-Hoc PoC Group (On-Demand) Session, regardless of the value of AutoRelease.	8	5	0	3	0		
PoC-1.0-int-0306	Verify that the last Participant is disconnected from the Ad-Hoc PoC Group (On-Demand) Session (Number-of-Remaining-Participants=1).	8	3	0	5	0		
PoC-1.0-int-0307	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).	8	2	0	6	0		
PoC-1.0-int-0316	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality; session rejected by one PoC User.	8	3	0	5	0		
PoC-1.0-int-0317	Establish Ad-Hoc PoC Group (On-Demand) Session where some PoC Users accept a session invitation and the others are out of Radio Coverage.	8	2	0	6	0		
PoC-1.0-int-0322	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – session not established (no answer).	8	2	0	6	0		
PoC-1.0-int-0401	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Manual Answer)	9	5	0	4	0		
PoC-1.0-int-0402	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Mixed Automatic and Manual Answer)	9	5	0	4	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-0408	Verify that the last Participant is disconnected from the Pre-Arranged PoC Group (On-Demand) Session when the second-to-last Participant hangs up.	9	6	0	3	0		
PoC-1.0-int-0410	Verify that as the last Participant is disconnected from a Pre-Arranged PoC Group (On-Demand) Session, the PoC Server removes the active session.	9	5	0	4	0		
PoC-1.0-int-0411	Verify that all Participants are disconnected from the session when initiator leaves a Pre-Arranged PoC Group (On-Demand) Session and AutoRelease = True.	9	5	0	4	0		
PoC-1.0-int-0412	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.	9	5	0	4	0		
PoC-1.0-int-0418	Verify Pre-Arranged PoC Group (On-Demand) Session establishment functionality with a group having several registered members, one with ISB-enabled. (Automatic Answer)	9	4	0	5	0		
PoC-1.0-int-0420	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).	9	4	0	5	0		
PoC-1.0-int-0710	Verify that PoC Client is able to send PoC Alert Messages.	9	2	0	7	0		
PoC-1.0-int-0711	Verify that PoC Client is able to receive PoC Alert Messages.	9	3	0	6	0		
PoC-1.0-int-0800	Verify that request for the Right to Speak is denied when the Right to Speak is already granted to another PoC User.	9	3	0	6	0		
PoC-1.0-int-0801	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.	9	1	0	8	0		Note 1
PoC-1.0-int-0806	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.	9	3	0	6	0		

5.5 Problem Reports

During the activities for TestFest14, the following problem reports were generated relating to the test materials and test process:

PR Number	Affecting	Description	Test Case reference / Specification reference
		None Raised.	

Notes:

1. Two test sessions commented on Test Case PoC-1.0-int-0801, indicating that they felt the test case description was unclear. A PR is expected to be raised for this issue, but has not been raised by the time of this report.

Full details of the Problem Reports can be found at: <http://www.opengroup.org:8000/OMA-PR/>

6. Confirmation

This signature states that the included information is true and valid.

A handwritten signature in black ink, appearing to read "H. Greenwell". The signature is written in a cursive style with a long horizontal stroke at the end.

OMA Trusted Zone

Appendix A. Change History (Informative)

Type of Change	Date	Section	Description
Initial Release	4 th April 2006	All	Initial Report from TestFest-14