



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

OMA TestFest 9.5
Version 1.0 – 5th August 2005

Open Mobile Alliance
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1. Scope

This report describes the results from the testing carried out at OMA TestFest-9.5 concerning the Push-to-talk Over Cellular (PoC) enabler version 1.0.

2. References

- [OMAIOPPROC] “OMA Interoperability Policy and Process”, Version 1.3, Open Mobile Alliance™, OMA-IOP-Process-V1_1, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [PoCEICS] Enabler Implementation Conformance Statement (EICS), Client, OMA PoC Version 1.1, Version 06 March 2005
<http://www.openmobilealliance.org/>
- Enabler Implementation Conformance Statement (EICS), Server, OMA PoC Version 1.1, Version 06 March 2005
<http://www.openmobilealliance.org/>
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997,
<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, <http://www.openmobilealliance.org>
- [ETS] Enabler Test Specification for PoC, Version 1.0 – 22 March 2005
<http://www.openmobilealliance.org/>
- [OMA-PoC-RD] “Push to Talk over Cellular Requirements”, Version 1.1, Open Mobile Alliance™, OMARD_PoC-V1_0, <http://www.openmobilealliance.org>
- [OMA-PoC-AD] “Push to Talk over Cellular Architecture”, Version 1.1, Open Mobile Alliance™, OMAAD_PoC-V1_0, <http://www.openmobilealliance.org>
- [OMA-PoC-CP] “Push to Talk over Cellular Control Plane”, Version 1.1, Open Mobile Alliance™, OMACP_PoC-V1_0, <http://www.openmobilealliance.org>
- [OMA-PoC-UP] “Push to Talk over Cellular User Plane”, Version 1.1, Open Mobile Alliance™, OMAUP_PoC-V1_0, <http://www.openmobilealliance.org>
- [OMA-GM] “Group Management Requirements/Architecture/Specifications”, Version 1.1, Open Mobile Alliance™, OMA-ERELD_XDM-V1_0, <http://www.openmobilealliance.org>
- [OMA-PR] “Presence Requirements/Architecture/Specifications”, Version 1.1, Open Mobile Alliance™, OMA-ERELD-Presence-V1_0, <http://www.openmobilealliance.org>
- [OMA-DM] “Device Management/Architecture/Specifications”, Version 1.1, Open Mobile Alliance™, OMA-ERELD-SyncML_DM-V1_1, <http://www.openmobilealliance.org>
- [OMA-XDM-Spec] “XML Document Management (XDM) Specification”, Version 1.0, Open Mobile Alliance™, OMA-TS-XDM_Core-V1_0, <http://www.openmobilealliance.org>
- [OMA-PoC-XDM] “PoC XDM Specification”, Version 1.0, Open Mobile Alliance™, OMA-TS-POC_XDM-V1_0, <http://www.openmobilealliance.org>

2.1 Informative References.

None.

3. Terminology and Conventions

3.1 Conventions

This is an informative document, which is not intended to provide testable requirements to implementations.

3.2 Definitions

1-to-1 PoC Session	A feature to establish a PoC Session with another PoC User.
1-many-1 Session	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.
Access List: Accept	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.
Access List: Reject	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").
Access List: Pass	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.
Ad-Hoc PoC Group	A feature enabling a PoC User to establish a PoC Session with multiple PoC Users without first creating a PoC Group.
AnswerMode	Defines the incoming session answering mode. The options are Manual vs. Automatic.
Automatic Answer Mode	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.
AutoRelease	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).
Incoming PoC Session Barring	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.
Incoming Instant Personal Alert Barring	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.
Chat PoC Group	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.
Chat PoC Group Session	A PoC Session established for a Chat PoC Group.
Confirmed Indication	The Confirmed Indication is returned by the PoC Server to confirm that it and all downstream elements are ready to receive media.
Contact List	A list available to the PoC User containing the addresses of other PoC Users or PoC Groups.
Group	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.

Invited PoC Client	The PoC Client who has been invited to a PoC Session.
Inviting PoC Client	The PoC Client inviting other PoC User(s) to a PoC Session.
Manual Answer Mode	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.
Number of Remaining Participants	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.
On-Demand Session	A PoC Session set-up mechanism, where all media parameters are negotiated at the same time as the PoC Session is set-up.
PoC Button	Hardware or software button used to request various PoC functions.
PoC Client	A PoC functional entity on the PoC User equipment that supports the PoC service.
PoC Group	A PoC Group is a predefined set of PoC Users together with its attributes.
PoC Server	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.
PoC Session	A session established by 1-to-1 PoC, Ad-Hoc PoC Group, or Pre-Arranged PoC Group Session.
PoC User	A user using the PoC service.
Pre-Arranged PoC Group	A persistent group created for a PoC Group Session.
Pre-Established Session	A signaling exchange to negotiate media parameters between the PoC Client and the home PoC Server before establishing a PoC Session.
ReleaseLastParty	Indicates when a session is released. This is part of the Termination Policies which are enforced at the PoC Server.
Talk Burst	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.
Talk Burst Control	A control mechanism that arbitrates requests, from the PoC Clients, for the right to send media.
Talk Burst Control Protocol	A protocol for performing Talk Burst Control.
Unconfirmed Indication	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.
Unrestricted group	A Group that can be joined by any User.
User	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

4. Summary

This report gives details of the testing carried out during TestFest-9.5 in July 2005 for enabler the Push-to-talk Over Cellular (PoC) Enabler version 1.0.

The report is compiled on behalf of OMA Members by OMA Staff

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:	25 th – 29 th July 2005
Location:	TSCC Lab, Vodafone Omnitel, Milan, Italy
Enabler:	Push-to-talk Over Cellular (PoC) v1.0
Process:	OMA Interoperability Policy and Process [OMAIOPPROC]
Type of Testing	Interoperability Testing
Implementations tested:	Client to Server to Client
Test Plan:	OMA-IOP-POC-2005-0075R05-Basic-Level-Tests-For-PoC-TestFest
Test Specification:	XDM Enabler Test Specification 20050719-D [ETS]
Test Tool:	None.
Test Code:	None.
Type of Test event:	TestFest
Number of Client Implementations:	14
Participating Technology Providers for clients:	Celtius, Comneon, Ecrio, Ericsson, fg microtec, ITRI, Motorola, Nokia, Philips, Qualphone, Samsung, Sharp, Sonim <i>and one other client team</i>
Number of Server Implementations:	7
Participating Technology Providers for servers:	Ericsson, Motorola, Nokia (2 teams), Samsung, Siemens, Sonim Technologies
Number of test sessions completed:	93

Table 1: Information Regarding the Test

5.2 Test Case Statistics

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 testcases that successfully has been passed.
- **Number of failed:** Used in the summary to indicate how many of the total testcases that has failed.
- **Number of N/A:** Used in the summary to indicate how many of the total testcases that has not be run due to that the implementation(s) do not support the functionality required to run this test case.
- **Number of OT:** Used in the summary to indicate how many of the total testcases that has not be run due to no time to run the test case.
- **Number of INC:** Used in the summary to indicate how many of the total testcases that has not been run due to that the functionality could not be tested due to an error in the implementation in another functionality that is required to run this test case.

Test Section	Total number of TCs:	Number Executed:	Number of Passed:	Number of Failed:	Number of N/A:	Number of OT*:	Number of INC:
Client to Server to Client TCs	17205	1391	1193	77	76	2141	121
Totals	17205	1391	1193	77	76	2141	121

Table 2: Test Case Results

Note: The above number of test that are Out of Time only includes the 38 Basic Tests in the figure. There were 13,597 Test Cases in the general Mandatory and Optional categories that were not attempted by the participants

5.3 Test Case List

This chapter gives an overview of the individual test case results for all test cases attempted from the [ETS]. It does not include any details for the test cases not attempted.

The following status is collected in the table below:

- **Runs:** The number of times the test case was run.
- **Passed:** The number of times the specific test case successfully passed.
- **Failed:** The number of times the specific test case failed.
- **OT:** The number of times the test case was not run due to being out-of-time .
- **INC:** The number of times the test result was inconclusive possibly due to that the functionality could not be tested due to an error in the implementation or in another functionality that was required.
- **PR:** Used to indicate any PRs (Problem Report) that were issued during testing.

If the test case was not run, it should be marked “N/A” in the Runs column. This would be the way to handle cases where a specific implementation does not support an optional feature, for example.

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-M-0101	Verify that PoC User1 is able to register at the SIP/IP Core network.	91	89	2	1	0	PoC 0017	
PoC-1.0-int-M-0103	Verify that PoC User1 is able to de-register at the SIP/IP Core network.	89	89	0	3	0	PoC 0017	
PoC-1.0-int-M-0110	Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Manual Answer forced by Access List: Pass setting)	74	42	19	9	13		Note 1
PoC-1.0-int-M-0200	Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Confirmed Indication/Manual Answer) 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.	68	56	4	25	8		
PoC-1.0-int-M-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).)	57	47	5	32	5		
PoC-1.0-int-M-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).	62	55	2	32	3		
PoC-1.0-int-M-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.	60	53	3	32	4	PoC 0006	
PoC-1.0-int-M-0207	PoC 1-to-1 (On-Demand) Session termination after pre-defined time period of no Talk Burst.	59	56	0	34	3		
PoC-1.0-int-M-0208	Verify that a 1-to-1 PoC Session initiation attempt can be successfully cancelled	54	32	13	35	9		Note 2
PoC-1.0-int-M-0209	Verify a notification about a remote party being not reachable during a 1-to-1 (On-Demand) PoC Session establishment attempt.	60	56	2	33	2		
PoC-1.0-int-M-0210	Verify notification received for an unprovisioned party during a 1-to-1 (On-Demand) PoC Session establishment attempt. 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.	57	56	0	36	1	PoC 0012	

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-M-0212	Verify that an indication of a remote party REJECT is received during a 1-to-1 (On-Demand) PoC Session establishment attempt. 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.	53	46	2	40	5		
PoC-1.0-int-M-0214	Verify ISB and that a notification about the remote party setting is received during a 1-to-1 (On-Demand) PoC Session establishment attempt.	47	43	2	42	2		
PoC-1.0-int-M-0222	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – mixed answer modes.	44	36	3	48	5		
PoC-1.0-int-M-0225	Verify that the session is disconnected when the initiator leaves the Ad-Hoc PoC Group (On-Demand) Session, regardless of the value of AutoRelease.	39	37	0	54	2		
PoC-1.0-int-M-0226	Verify that the last Participant is disconnected from the Ad-Hoc PoC Group (On-Demand) Session (Number-of-Remaining-Participants=1). (Note: The initiator must not be dropped, as this would cause the test to drop due to a different Session Release Policy.)	31	28	1	62	2		
PoC-1.0-int-M-0227	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). (Note: The initiator must not be dropped, as this would cause the test to drop due to a different Session Release Policy.)	16	13	1	68	2		
PoC-1.0-int-M-0230	Ad-Hoc PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.	32	31	0	61	1		
PoC-1.0-int-M-0234	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.	15	14	0	72	1		
PoC-1.0-int-M-0236	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality; session rejected by one PoC User.	28	25	2	65	1		
PoC-1.0-int-M-0237	Establish Ad-Hoc PoC Group (On-Demand) Session where some PoC Users accept a session invitation and the others are out of Radio Coverage	25	24	0	68	1		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-M-0240	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).	22	18	1	68	3		
PoC-1.0-int-M-0244	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality – session not established (no answer).	25	24	0	68	1		
PoC-1.0-int-M-0262	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Mixed Automatic and Manual Answer)	28	19	8	64	1		Note 3
PoC-1.0-int-M-0268	Verify that the last Participant is disconnected from the Pre-Arranged PoC Group (On-Demand) Session when the second-to-last Participant hangs up.	18	14	1	74	3		
PoC-1.0-int-M-0270	Verify that as the last Participant is disconnected from a Pre-Arranged PoC Group (On-Demand) Session, the PoC Server removes the active session.	12	4	1	76	7		
PoC-1.0-int-M-0271	Verify that all Participants are disconnected from the session when initiator leaves a Pre-Arranged PoC Group (On-Demand) Session and AutoRelease = True.	11	7	0	76	4		
PoC-1.0-int-M-0272	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.	16	11	0	76	5		
PoC-1.0-int-M-0275	PoC Pre-Arranged PoC Group (On-Demand) Session termination after pre-defined time period of no Talk Burst.	14	13	0	78	1		
PoC-1.0-int-M-0278	Verify Pre-Arranged PoC Group (On-Demand) Session establishment functionality with a group having several registered members, one with ISB-enabled. (Automatic Answer)	14	11	2	78	1		
PoC-1.0-int-M-0279	Verify that a Pre-Arranged PoC Group (On-Demand) Session can be cancelled during session initiation.	13	2	2	78	9		
PoC-1.0-int-M-0280	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	6	0	79	3		
PoC-1.0-int-M-0500	Verify that request for the Right to Speak is denied when the Right to Speak is already granted to another PoC User.	21	20	0	72	1		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-M-0506	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.	24	23	0	69	1		
PoC-1.0-int-M-0507	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.	21	20	0	72	1		
PoC-1.0-int-M-0704	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>.	4	1	0	87	3		
PoC-1.0-int-M-0706	Verify the PoC client and server both are able to support the <allow-initiate-conference> Data Semantics of the PoC Group document	3	0	0	87	3		
PoC-1.0-int-M-0801	Verify that PoC client and server both are able to support the PoC User Access Policy structure: Data Semantics for "accept", "pass", "reject".	3	0	1	87	2		
Selected Mandatory Test Cases								
PoC-1.0-int-M-0102	Verify that PoC User1 is not able to register at the SIP/IP Core network if the Digest response is incorrect.	2	2	0	0	0		
PoC-1.0-int-M-0104	Verify that the PoC User can select Manual Answer mode and that the PoC Server recognizes that request	7	7	0	0	0		
PoC-1.0-int-M-0106	Verify that the PoC User can select Incoming PoC Session Barring (Barring) again without an error	7	7	0	0	0		
PoC-1.0-int-M-0111	Verify 1-to-1 (On-Demand) PoC Session establishment functionality. (Manual Answer forced by Access List: Pass setting)	4	4	0	0	0		
PoC-1.0-int-M-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.	2	2	0	0	0		
PoC-1.0-int-M-0211	Verify notification received for a non-registered party during a 1-to-1(On-Demand) PoC Session establishment attempt. 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.	4	4	0	0	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-M-0213	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.	4	4	0	0	0		
PoC-1.0-int-M-0220	Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Manual Answer/Confirmed Indication) 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.	4	4	0	0	0		
PoC-1.0-int-M-0221	Verify Ad-Hoc PoC Group (On-Demand) Session establishment invitation functionality. (Automatic Answer/Confirmed Indication)	4	4	0	0	0		
PoC-1.0-int-M-0235	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality. (Manual Answer, one non-registered PoC User)	4	4	0	0	0		
PoC-1.0-int-M-0242	Verify Ad-Hoc PoC Group (On-Demand) Session establishment functionality. (Automatic Answer, non-registered PoC User)	4	4	0	0	0		
PoC-1.0-int-M-0243	Notification when some remote Participants accept an invitation to an Ad-Hoc PoC Group (On-Demand) Session and others do not exist.	2	2	0	0	0		
PoC-1.0-int-M-0260	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Automatic Answer/Confirmed Indication)	4	4	0	0	0		
PoC-1.0-int-M-0261	Verify Pre-Arranged PoC Group (On-Demand) Session establishment with a group with several registered members. (Manual Answer) 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.	4	4	0	0	0		
PoC-1.0-int-M-0266	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)	2	2	0	0	0		
PoC-1.0-int-M-0281	Verify that the Pre-Arranged PoC Group (On-Demand) Session initiation fails when none of the invitees are registered.	4	4	0	0	0		

Test Case	Description	Test Counts					PR	Notes (see below)
		Run	Pass	Fail	OT	INC		
PoC-1.0-int-M-0300	Verify that PoC Users are able to connect to an Open Chat PoC Group (On-Demand) Session and communicate with one another.	2	2	0	0	0		
PoC-1.0-int-M-0303	Verify that the Open Chat PoC Group (On-Demand) Session remains active until the last PoC User drops out of the session.	2	2	0	0	0		
PoC-1.0-int-M-0304	Verify re-join Open Chat PoC Group (On-Demand) Session establishment functionality.	2	2	0	0	0		
PoC-1.0-int-M-0401	Verify that privacy request is properly handled. (Ad-Hoc Case)	2	0	0	0	2		
PoC-1.0-int-M-0410	Verify that PoC Client is able to receive PoC Alert Messages.	2	2	0	0	0		
PoC-1.0-int-M-0503	Verify that Talk Burst is denied when the Talk Burst Control Indication is not idle.	2	2	0	0	0		

Table 3. Test Case Counts

Notes:

1. A number of Servers did not support, or had problems with Access Lists.
2. A number of Servers did not forward the CANCEL.
3. One or more servers set P-Alerting Mode Manual for all clients.

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

6. Confirmation

This signature indicates 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.

Howard Greenwell

Director of Interoperability Programs

OMA Staff.

Appendix A. Change History

(Informative)

A.1 Approved Version History

Reference	Date	Description
V1.0	5 th Aug 2005	First version