Enabler Test Specification (Conformance) for XHTML Mobile Profile

Candidate Version 1.2 – 18 Aug 2009

Open Mobile Alliance

OMA-ETS-XHTML_MP_CON-V1_2-20090818-C

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1. Scope

This document describes in detail available test cases for OMA xHTML-MP version 1.2.

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2. References

2.1. Normative References

[IOPPROC] "OMA Interoperability Policy and Process", Version 1.8, Open Mobile Alliance™, OMA-ORG-IOP_Process-V1_8, URL:http://www.openmobilealliance.org/

[RFC2119] "Key words for use in RFCs to Indicate Requirement Levels". S. Bradner. March 1997. URL: http://www.ietf.org/rfc/rfc2119.txt

[TestEnv] Browsing 2.3 Enabler Validation Plan (EVP) , OMA-EVP-Browsing-V2_3-, Open Mobile Alliance™, URL: http://www.openmobilealliance.org/

[xHTML_Suite_1] "Test Suites for xHTML", 27 Mar 2009, Version 1.2, Open Mobile Alliance™, OMA-TFP-XHTML_MP-V1_2-20090818-C, URL: http://www.openmobilealliance.org/

[xHTML_Suite_2] "Test Suites for xHTML" , 27 Mar 2009, Version 1.2, Open Mobile Alliance™, OMA-TFP-XHTML_MP-V1_2-20090818-C, URL: http://www.openmobilealliance.org/

[xHTML_Suite_3] "Test Suites for xHTML" , 27 Mar 2009, Version 1.2, Open Mobile Alliance™, OMA-TFP-XHTML_MP-V1_2-20090818-C, URL: http://www.openmobilealliance.org/

[XHTMLMP] "XHTML Mobile Profile 1.2". OMA-TS-XHTMLMP-V1_2-200980331-A, Open Mobile Alliance™, URL: http://www.openmobilealliance.org/

2.2. Informative References

None.

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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” and “Introduction”, are normative, unless they are explicitly indicated to be informative.

The following numbering scheme is used:

xxx-y.z-con-number where:

xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
con	Indicating this test is a conformance test case
number	Leap number for the test case

Or

xxx-y.z-int-number where:

xxx	Name of enabler, e.g. MMS or Browsing
y.z	Version of enabler release, e.g. 1.2 or 1.2.1
int	Indicating this test is a interoperability test case
number	Leapnumber for the test case

3.2. Definitions

None.

3.3. Abbreviations

ETR	Enabler Test Requirements
ETS	Enabler Test Specification
XHTML	Extensible HyperText Markup Language

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4. Introduction

The purpose of this document is to provide test cases for OMA [XHTMLMP] Version 1.2.

Any issues related to this specification or [XHTMLMP] found during testing SHOULD be reported to OMA using the OMA Problem Reporting system (http://www.opengroup.org:8000/OMA-PR/).

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5. Conformance Test Cases

5.1. XHTML Basic Modules

5.1.1. Structure Module

Test Case ID	xHTML-1.2-con-1
Test Object	Client device
Test Case Description	To test Structure Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-001
Tool	[xHTML_Suite_1] Section 5.1.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.03.01 • 45.03.02 • 45.03.03 • 45.03.04 • 45.03.05 • 45.03.06 • 45.03.07 • 45.03.08 • 45.03.09 • 45.03.10
Pass-Criteria	The verification criterias in the test suite are met.

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5.1.2. Text Module

Test Case ID	xHTML-1.2-con-2		
Test Object	Client device		
Test Case Description	To test Text Module.		
Specification Reference	[xHTMLMP] Section 5.		
SCR Reference	XHTLMP-XHTMLMOD-C-002		
Tool	[xHTML_Suite_1] Section 5.2.		
Test Code	See test procedure.		
Preconditions	Test environment is set up and Client device configured according to [TestEnv]		
Test Procedure	Run the following assertions in the [xHTML_Suite_1]:		
	• 45.04.01 • 45.04.02 • 45.04.03 • 45.04.04 • 45.04.05 • 45.04.06 • 45.04.07 • 45.04.08 • 45.04.09 • 45.04.10	• 45.04.11 • 45.04.12 • 45.04.13 • 45.04.14 • 45.04.15 • 45.04.16 • 45.04.17 • 45.04.18 • 45.04.19 • 45.04.20	• 45.04.21 • 45.04.22 • 45.04.23 • 45.04.24 • 45.04.25 • 45.04.26 • 45.04.27 • 45.04.28 • 45.04.29
Pass-Criteria	The verification criterias in the test suite are met.		

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5.1.3. Hypertext Module

Test Case ID	xHTML-1.2-con-3
Test Object	Client device
Test Case Description	To test Hypertext Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-003
Tool	[xHTML_Suite_1] Section 5.3.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.05.01 • 45.05.02 • 45.05.03 • 45.05.04 • 45.05.05 • 45.05.06 • 45.05.07 • 45.05.08 • 45.05.09 • 45.05.10 • 45.05.11
Pass-Criteria	The verification criterias in the test suite are met.

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5.1.4. List Module

Test Case ID	xHTML-1.2-con-4
Test Object	Client device
Test Case Description	To test List Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-004
Tool	[xHTML_Suite_1] Section 5.4.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.06.01 • 45.06.02 • 45.06.03 • 45.06.04 • 45.06.05
Pass-Criteria	The verification criterias in the test suite are met.

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5.1.5. Basic Forms

<table>
<tr><td>Test Case ID</td><td colspan="3">xHTML-1.2-con-5</td></tr>
<tr><td>Test Object</td><td colspan="3">Client device</td></tr>
<tr><td>Test Case Description</td><td colspan="3">To test Basic Forms.</td></tr>
<tr><td>Specification Reference</td><td colspan="3">[xHTMLMP] Section 5.</td></tr>
<tr><td>SCR Reference</td><td colspan="3">XHTLMP-XHTMLMOD-C-005</td></tr>
<tr><td>Tool</td><td colspan="3">[xHTML_Suite_1] Section 5.5
[xHTML_Suite_2], Section “Basic Form Module”</td></tr>
<tr><td>Test Code</td><td colspan="3">See test procedure.</td></tr>
<tr><td>Preconditions</td><td colspan="3">Test environment is set up and Client device configured according to [TestEnv]</td></tr>
<tr><td rowspan="3">Test Procedure</td><td colspan="3">Run the following assertions in the [xHTML_Suite_1]:</td></tr>
<tr><td>• 45.07.01
• 45.07.02
• 45.07.03
• 45.07.04
• 45.07.05
• 45.07.06
• 45.07.07
• 45.07.08
• 45.07.09
• 45.07.10
• 45.07.11
• 45.07.12
• 45.07.13</td><td>• 45.07.14
• 45.07.15
• 45.07.16
• 45.07.17
• 45.07.18
• 45.07.19
• 45.07.20
• 45.07.21
• 45.07.22
• 45.07.23
• 45.07.24
• 45.07.25
• 45.07.26</td><td>• 45.07.27
• 45.07.28
• 45.07.29
• 45.07.30
• 45.07.31
• 45.07.32
• 45.07.33
• 45.07.34
• 45.07.35
• 45.07.36
• 45.07.37
• 45.07.38
• 45.07.39
• 45.07.40</td></tr>
<tr><td colspan="3">Run the following assertions in the [xHTML_Suite_2]:
• t148</td></tr>
<tr><td>Pass-Criteria</td><td colspan="3">The verification criterias in the test suite are met.</td></tr>
</table>

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5.1.6. Basic Tables

Test Case ID	xHTML-1.2-con-6		
Test Object	Client device		
Test Case Description	To test Basic Tables.		
Specification Reference	[xHTMLMP] Section 5.		
SCR Reference	XHTLMP-XHTMLMOD-C-006		
Tool	[xHTML_Suite_1] Section 5.6		
Test Code	See test procedure.		
Preconditions	Test environment is set up and Client device configured according to [TestEnv]		
Test Procedure	Run the following assertions in the [xHTML_Suite_1]:		
	• 45.08.01 • 45.08.02 • 45.08.03 • 45.08.04 • 45.08.05 • 45.08.06 • 45.08.07 • 45.08.08 • 45.08.09	• 45.08.10 • 45.08.11 • 45.08.12 • 45.08.13 • 45.08.14 • 45.08.15 • 45.08.16 • 45.08.17 • 45.08.18	• 45.08.19 • 45.08.20 • 45.08.21 • 45.08.22 • 45.08.23 • 45.08.24 • 45.08.25 • 45.08.26
Pass-Criteria	The verification criterias in the test suite are met.		

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5.1.7. Image Module

Test Case ID	xHTML-1.2-con-7
Test Object	Client device
Test Case Description	To test Image Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-007
Tool	[xHTML_Suite_1] Section 5.7
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.09.01 • 45.09.02 • 45.09.03 • 45.09.04 • 45.09.05 • 45.09.06 • 45.09.07 • 45.09.08 • 45.09.09 • 45.09.10
Pass-Criteria	The verification criterias in the test suite are met.

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5.1.8. Object Module

Test Case ID	xHTML-1.2-con-8
Test Object	Client device
Test Case Description	To test object Module. If the Object Module is ignored, then objects with an image, which is possible to show, shall work as an image tag.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-008
Tool	[xHTML_Suite_2] section "Basic Form Module"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t140
Pass-Criteria	The verification criterias in the test suite are met.

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5.1.9. Metainformation Module

Test Case ID	xHTML-1.2-con-9
Test Object	Client device
Test Case Description	The Metainformation Module is ignored. This test checks that the element is ignored in a correct way..
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP- XHTMLMOD-C-009
Tool	[xHTML_Suite_2], Section ”Basic Form Module”
Test Code	See test procedure in t063.html.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t063
Pass-Criteria	The verification criterias in the test suite are met.

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5.1.10. Link Module

Test Case ID	xHTML-1.2-con-10
Test Object	Client device
Test Case Description	To test Link Module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-010
Tool	[xHTML_Suite_1] Section 5.10.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.10.01
Pass-Criteria	The verification criterias in the test suite are met.

5.1.11. WML Interaction, Back

Test Case ID	xHTML-1.2-con-11
Test Object	Client device
Test Case Description and purpose	To test if the interaction between WML and XHTML is handled correctly.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP-XHTMLMOD-C-010
Tool	[xHTML_Suite_2], Section “WML Interaction”
Test code/files	See test procedure. t103.html
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t103
Pass-Criteria	The verification criteria in the test suite are met.

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5.1.12. WML Interaction, Links

Test Case ID	xHTML-1.2-con-12
Test Object	Client device
Test Case Description and purpose	To test if the interaction between WML and XHTML is handled correctly using links.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTMLMP XHTMLMOD-C-010
Tool	[xHTML_Suite_2], Section "WML Interaction"
Test code/files	See test procedure. t104.html
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_2]: • t104
Pass-Criteria	The verification criteria in the test suite are met.

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5.1.13. Base Module

Test Case ID	xHTML-1.2-con-13
Test Object	Client device
Test Case Description	To test Base Module. To test base Module. The base element specifies a base URL. The purpose is to check that this base URL is used in a correct way.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-011
Tool	[xHTML_Suite_1] Section 5.11. [xHTML_Suite_2],Section "Base Module"
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions in the [xHTML_Suite_1]: • 45.11.01 • 45.11.02 • 45.11.03 • 45.11.04 • 45.11.05 • 45.11.06 Run the following assertions in the [xHTML_Suite_2]: • t065 • t066 (link to WML page)
Pass-Criteria	The verification criterias in the test suite are met.

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5.2. Other XHTML Modules

5.2.1. *Style Sheet Module*

Test Case ID	xHTML-1.2-con-14
Test Object	Client device
Test Case Description	To test *the Style Sheet Module*
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-012
Tool	[xHTML_Suite_3], section "Miscellaneous" [xHTML_Suite_1], section "5.12-5.20 XHTML Mobile Profile »
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • External Style Sheets • Internal Style Sheets Run the following assertion in the [xHTML_Suite_1]: • 45.13.11 Style
Pass-Criteria	The verification criterias in the test suite are met.

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5.2.2. *Style Attribute Module*

Test Case ID	xHTML-1.2-con-15
Test Object	Client device
Test Case Description	To test *the Style Attribute Module*
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-013
Tool	[xHTML_Suite_3], section Miscellaneous
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Inline Style
Pass-Criteria	The verification criterias in the test suite are met.

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5.2.3. *Scripting Module*

Test Case ID	xHTML-1.2-con-16
Test Object	Client device
Test Case Description	To test *the Scripting Module. Sections 'script'(for supported script languages) and 'noscript' (for unsupported script languages) are tested.*
Specification Reference	[xHTMLMP] Section 5, Section 9, 9.1, 9.2, 9.3
SCR Reference	XHTLMP-XHTMLMOD-C-024 XHTLMP-SCRIPT-C-004, XHTLMP-SCRIPT-C-005
Tool	[xHTML_Suite_3], section "Miscellaneous"
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • noscript - Javascript • noscript - VBcript • noscript - GibberishScript • noscript - Javascript + GibberishScript
Pass-Criteria	The verification criterias in the test suite are met. Clients that support both Javascript and VBscript must use the 'noscript' section for "GibberishScript"

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5.3. Other XHTML Elements and Attributes

5.3.1. *fieldset* element

Test Case ID	xHTML-1.2-con-17
Test Object	Client device
Test Case Description	To test *fieldset* element in Forms module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-014
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.06
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.2. *optgroup* element

Test Case ID	xHTML-1.2-con-18
Test Object	Client device
Test Case Description	To test *optgroup* element in Forms module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-015
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.07
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.3. *start* attribute

Test Case ID	xHTML-1.2-con-19
Test Object	Client device
Test Case Description	To test *start* element on *ol*.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-016
Tool	[xHTML_Suite_1] Section 5.1-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.10
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.4. *value* attribute

Test Case ID	xHTML-1.2-con-20
Test Object	Client device
Test Case Description	To test *value* attribute on *li*.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-014
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.09
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.5. *b* element

Test Case ID	xHTML-1.2-con-21
Test Object	Client device
Test Case Description	To test *b* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-018
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.02
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.6. *big* element

Test Case ID	xHTML-1.2-con-22
Test Object	Client device
Test Case Description	To test *big* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-019
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.04
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.7. *hr* element

Test Case ID	xHTML-1.2-con-23
Test Object	Client device
Test Case Description	To test *hr* element in Presentation module..
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-020
Tool	[xHTML_Suite_1] Section 4.12-5.20. [xHTML_Suite_2], section “Presentation Module”
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.08 Run the following assertion in the [xHTML_Suite_2]: • t207
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.8. *i* element

Test Case ID	xHTML-1.2-con-24
Test Object	Client device
Test Case Description	To test *i* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-021
Tool	[xHTML_Suite_1] Section 5.12-5-20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.03
Pass-Criteria	The verification criterias in the test suite are met.

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5.3.9. *small* element

Test Case ID	xHTML-1.2-con-25
Test Object	Client device
Test Case Description	To test *small* element in Presentation module.
Specification Reference	[xHTMLMP] Section 5.
SCR Reference	XHTLMP-XHTMLMOD-C-022
Tool	[xHTML_Suite_1] Section 5.12-5.20.
Test Code	See test procedure.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.13.05
Pass-Criteria	The verification criterias in the test suite are met.

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5.4. XHTML Document Conformance

5.4.1. Document conformant to XHTMLMP 1.2

Test Case ID	xHTML-1.2-con-26
Test Object	Client device
Test Case Description	To test the Document Conformance
Specification Reference	[xHTMLMP] Section 7.1
SCR Reference	XHTLMP-XHTMLDC-C-001
Tool	[xHTML_Suite_1], Section "XHTML_Doc_Conformance"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_1]: • 45.01.01 • 45.01.02 • 45.01.03 • 45.01.04 • 45.01.05
Pass-Criteria	The verification criterias in the test suite are met.

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5.5. XHTML User Agent Conformance

5.5.1. Unrecognised elements

Test Case ID	xHTML-1.2-con-27
Test Object	Client device
Test Case Description	If a user agent encounters an element it does not recognize or one that is misplaced (according to the DTD), it must continue to process the children of that element. If the content is text, the text must be presented to the user. The test therefore tests that, an unrecognised element is ignored and all text content is rendered.
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTLMP-XHTMLUA-C-001
Tool	[xHTML_Suite_2], Section "User Agent Conformance"
Test Code	See test procedure in t144.html.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t144
Pass-Criteria	The verification criterias in the test suite are met.

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5.5.2. Misc tests

Test Case ID	xHTML-1.2-con-28		
Test Object	Client device		
Test Case Description	Test miscellaneous items		
Specification Reference	[xHTMLMP] Section 7.2.		
SCR Reference	XHTLMP-XHTMLUA-C-001		
Tool	[xHTML_Suite_1], Section “xhtml-UA-conformance”		
Test Code	See test procedure		
Preconditions	Test environment is set up and Client device configured according to [TestEnv]		
Test Procedure	Run the following assertion in the [xHTML_Suite_1]:		
	• 45.02.01 • 45.02.02 • 45.02.03 • 45.02.04 • 45.02.05 • 45.02.06 • 45.02.07 • 45.02.08 • 45.02.09 • 45.02.10 • 45.02.11 • 45.02.12	• 45.02.13 • 45.02.14 • 45.02.15 • 45.02.16 • 45.02.17 • 45.02.18 • 45.02.19 • 45.02.20 • 45.02.21 • 45.02.22 • 45.02.23 • 45.02.24	• 45.02.25 • 45.02.26 • 45.02.27 • 45.02.28 • 45.02.29 • 45.02.30 • 45.02.31 • 45.02.32 • 45.02.33 • 45.02.34 • 45.02.35 • 45.02.36
Pass-Criteria	The verification criterias in the test suite are met.		

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5.5.3. Unrecognised attribute and default attribute value

Test Case ID	xHTML-1.2-con-29
Test Object	Client device
Test Case Description	If a user agent encounters an attribute it does not recognize, it must ignore the attribute and its value, but it must use the default attribute value as specified in the DTD. The test case there tests that, the unrecognised attribute is ignored but the default one should be used.
Specification Reference	[xHTML] Section 7.2.
SCR Reference	XHTLMP-XHTMLUA-C-001
Tool	[xHTML_Suite_2], Section "User Agent Conformance"
Test Code	See test procedure in t145.html.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t145
Pass-Criteria	The verification criterias in the test suite are met.

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5.6. Document Types

5.6.1. None terminated tags

Test Case ID	xHTML-1.2-con-30
Test Object	Client device
Test Case Description and purpose	To test that none terminated tags generate error messages
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTMLMP-DOC-C-001
Tool	[xHTML_Suite_2], Section "Error Conditions"
Test code/files	Load t150.html and all files linked to from the index.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t150
Pass-Criteria	The verification criteria in the test suite are met. Error message will be displayed

5.6.2. Tags terminated in wrong order

Test Case ID	xHTML-1.2-con-31
Test Object	Client device
Test Case Description and purpose	To test that tags terminated in wrong order generate error messages
Specification Reference	[xHTMLMP] Section 7.2.
SCR Reference	XHTMLMP-DOC-C-001
Tool	[xHTML_Suite_2] Section "Error Conditions"
Test code/files	Load t151.html and all files linked to from the index.
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_2]: • t151
Pass-Criteria	The verification criteria in the test suite are met. Error message will be displayed

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5.7. Events

5.7.1. Support for `Load` Event

Test Case ID	xHTML-1.2-con-32
Test Object	Client device
Test Case Description	Test the Load event
Specification Reference	[xHTMLMP] Section 10.3.1.
SCR Reference	XHTLMP-EVENT-C-002, XHTLMP-EVENT-C-003
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnLoad
Pass-Criteria	The client handles the supported event

5.7.2. Support for `Unload` Event

Test Case ID	xHTML-1.2-con-33
Test Object	Client device
Test Case Description	Test the Click event
Specification Reference	[xHTMLMP] Section 10.3.2.
SCR Reference	XHTLMP-EVENT-C-004, XHTLMP-EVENT-C-005
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnUnload
Pass-Criteria	The client handles the supported event

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5.7.3. Support for `Click` Event

Test Case ID	xHTML-1.2-con-34
Test Object	Client device
Test Case Description	Test the Click event
Specification Reference	[xHTMLMP] Section 10.3.3.
SCR Reference	XHTLMP-EVENT-C-006, XHTLMP-EVENT-C-007
Tool	[xHTML_Suite_3] Section “Events”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnClick
Pass-Criteria	The client handles the supported event

5.7.4. Support for `Double Click` Event

Test Case ID	xHTML-1.2-con-35
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.4
SCR Reference	XHTLMP-EVENT-C-009, XHTLMP-EVENT-C-010
Tool	[xHTML_Suite_3] Section “Events”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnDoubleClick
Pass-Criteria	The client handles the supported event

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5.7.5. Support for `Focus` Event

Test Case ID	xHTML-1.2-con-36
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.5
SCR Reference	XHTLMP-EVENT-C-022, XHTLMP-EVENT-C-023
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnFocus
Pass-Criteria	The client handles the supported event

5.7.6. Support for `Blur` Event

Test Case ID	xHTML-1.2-con-37
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.6
SCR Reference	XHTLMP-EVENT-C-024, XHTLMP-EVENT-C-025
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnBlur
Pass-Criteria	The client handles the supported event

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5.7.7. Support for `Key Press` Event

Test Case ID	xHTML-1.2-con-38
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.7
SCR Reference	XHTLMP-EVENT-C-026, XHTLMP-EVENT-C-027
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnKeyPress
Pass-Criteria	The client handles the supported event

5.7.8. Support for `Key Down` Event

Test Case ID	xHTML-1.2-con-39
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.8
SCR Reference	XHTLMP-EVENT-C-029, XHTLMP-EVENT-C-030
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnKeyDown
Pass-Criteria	The client handles the supported event

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5.7.9. Support for `Key Up` Event

Test Case ID	xHTML-1.2-con-40
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.9
SCR Reference	XHTLMP-EVENT-C-032, XHTLMP-EVENT-C-033
Tool	[xHTML_Suite_3] Section “Events”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnKeyUp
Pass-Criteria	The client handles the supported event

5.7.10. Support for `Submit` Event

Test Case ID	xHTML-1.2-con-41
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.10
SCR Reference	XHTLMP-EVENT-C-035, XHTLMP-EVENT-C-036
Tool	[xHTML_Suite_3] Section “Events”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnSubmit
Pass-Criteria	The client handles the supported event

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5.7.11. Support for `Reset` Event

Test Case ID	xHTML-1.2-con-42
Test Object	Client device
Test Case Description	Test the Reset event
Specification Reference	[xHTMLMP] Section 10.3.11
SCR Reference	XHTLMP-EVENT-C-037, XHTLMP-EVENT-C-038
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnReset
Pass-Criteria	The client handles the supported event

5.7.12. Support for `Select` Event

Test Case ID	xHTML-1.2-con-43
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.12
SCR Reference	XHTLMP-EVENT-C-039, XHTLMP-EVENT-C-040
Tool	[xHTML_Suite_3] Section "Events"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnSelect
Pass-Criteria	The client handles the supported event

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5.7.13. Support for `Change` Event

Test Case ID	xHTML-1.2-con-44
Test Object	Client device
Test Case Description	Test the Submit event
Specification Reference	[xHTMLMP] Section 10.3.13
SCR Reference	XHTLMP-EVENT-C-041, XHTLMP-EVENT-C-042
Tool	[xHTML_Suite_3] Section “Events”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • OnChange
Pass-Criteria	The client handles the supported event

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5.8. Media Object Inclusion

5.8.1. Data

Test Case ID	xHTML-1.2-con-45
Test Object	Client device
Test Case Description	To test the rendering and displaying a GIF Image in the Browser, when the GIF Image is referenced as an “Object”, using the “data” attribute..
Specification Reference	[XHTMLMP] Section 11.1, 11.2
SCR Reference	XHTMLMP-OBJECT-C-001, XHTMLMP-OBJECT-C-002, XHTMLMP-OBJECT-C-003
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertions (as applicable) in the [xHTML_Suite_3]: • DataGIF • DataVideo • Data_with_Codebase • Data_unknown
Pass-Criteria	The verification criterias in the test suite are met.

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5.8.2. ClassId

Test Case ID	xHTML-1.2-con-46
Test Object	Client device
Test Case Description	To test the rendering and displaying a GIF Image in the Browser, when the GIF Image is referenced as an “Object”, using the “classid” attribute..
Specification Reference	[XHTMLMP] Section 11.3
SCR Reference	XHTMLMP-OBJECT-C-004
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • ClassId
Pass-Criteria	The verification criterias in the test suite are met.

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5.8.3. ClassId Priority over Data

Test Case ID	xHTML-1.2-con-47
Test Object	Client device
Test Case Description	To verify that an Object included using the “classid” attribute takes precedence over an object included using the “data” attribute.
Specification Reference	[XHTMLMP] Section 11.1
SCR Reference	XHTMLMP-OBJECT-C-005
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • ClassId_precedence
Pass-Criteria	The verification criterias in the test suite are met.

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5.8.4. Parameters

Test Case ID	xHTML-1.2-con-48
Test Object	Client device
Test Case Description	To verify that an Object inclusion can handle parameters
Specification Reference	[XHTMLMP] Section 11.2, 11.3
SCR Reference	XHTMLMP-OBJECT-C-006
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv] The Application supports inline sound using mp3.
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Parameters
Pass-Criteria	The verification criterias in the test suite are met.

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5.8.5. PUSH_Application_ID

Test Case ID	xHTML-1.2-con-49
Test Object	Client device
Test Case Description	To verify that an Object inclusion can use the PUSH Application ID to identify the location application
Specification Reference	[XHTMLMP] Section 11.3
SCR Reference	XHTMLMP-OBJECT-C-007
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • PUSH_App_ID
Pass-Criteria	The verification criterias in the test suite are met.

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5.8.6. Declare

Test Case ID	xHTML-1.2-con-50
Test Object	Client device
Test Case Description	To verify support for declared objects using the “declare” attribute
Specification Reference	[XHTMLMP] Section 11.4
SCR Reference	XHTMLMP-OBJECT-C-008
Tool	[xHTML_Suite_3].Section “Media Object Inclusion“
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Run the following assertion in the [xHTML_Suite_3]: • Declare
Pass-Criteria	The verification criterias in the test suite are met.

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5.9. Navigation Optimizations

5.9.1. Access Keys

Test Case ID	xHTML-1.2-con-51
Test Object	Client device
Test Case Description	To test the assigning of keys to a link or form control.
Specification Reference	[XHTMLMP] Section 12.1.
SCR Reference	XHTMLMP-NAVOPT-C-001
Tool	[xHTML_Suite_1]., section "XHTML Common"
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_1]: • 45.12.01 Accesskey Test 1 • 45.12.02 Accesskey Test 2 • 45.12.03 Unsupported Accesskeys
Pass-Criteria	The verification criterias in the test suite are met.

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5.9.2. Links

Test Case ID	xHTML-1.2-con-52
Test Object	Client device
Test Case Description	To test if the user agent uses the “title” attribute of the anchor (a) element as the link title.
Specification Reference	[XHTMLMP] Section 12.2.
SCR Reference	XHTMLMP-NAVOPT-C-002
Tool	[xHTML_Suite_3], Section “Navigation” [xHTML_Suite_1], section “XHTML common”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Link - use Title attribute Load [xHTML_Suite_1]: • 45.12.09 Title Input • 45.12.10 Title Select • 45.12.11 Title Textarea • 45.12.12 Title Misc
Pass-Criteria	The verification criterias in the test suite are met.

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5.9.3. Navigation Menu

Test Case ID	xHTML-1.2-con-53
Test Object	Client device
Test Case Description	To test the support of access to linked resources, defined by the `link` elements “start”, “next” and “prev”.
Specification Reference	[XHTMLMP] Section 12.3
SCR Reference	XHTMLMP-NAVOPT-C-003
Tool	[xHTML_Suite_3], section “Navigation”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Navigation Menu
Pass-Criteria	The verification criterias in the test suite are met.

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5.10. Text Input Modes

5.10.1. Digits

Test Case ID	xHTML-1.2-con-54
Test Object	Client device
Test Case Description	To test the support of formatting of input fields.
Specification Reference	[XHTMLMP] Section 13.2
SCR Reference	XHTMLMP-INPUTMODE-C-001, XHTMLMP-INPUTMODE-C-002
Tool	[xHTML_Suite_3].section ”Input Modes”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Text Input Mode - Digits
Pass-Criteria	The verification criterias in the test suite are met.

5.10.2. lowerCase

Test Case ID	xHTML-1.2-con-55
Test Object	Client device
Test Case Description	To test the support of formatting of input fields.
Specification Reference	[XHTMLMP] Section 13.2.
SCR Reference	XHTMLMP-INPUTMODE-C-002
Tool	[xHTML_Suite_3]. section ”Input Modes”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Text Input Mode – Lower Case
Pass-Criteria	The verification criterias in the test suite are met.

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5.10.3. inputmode attribute on `textarea` element

Test Case ID	xHTML-1.2-con-56
Test Object	Client device
Test Case Description	To test the support of formatting of input fields.
Specification Reference	[XHTMLMP] Section 13.2.
SCR Reference	XHTMLMP-INPUTMODE-C-003
Tool	[xHTML_Suite_3], section “Input Modes”
Test Code	See test procedure
Preconditions	Test environment is set up and Client device configured according to [TestEnv]
Test Procedure	Load [xHTML_Suite_3]: • Text Area Input Mode - Lower Case
Pass-Criteria	The verification criterias in the test suite are met.

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Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2 Draft/Candidate Version XHTMLMP CON 1.2 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ETS-xHTMLMP_CON-V1_2	23 Jan 2006	All	Initial draft.
	15 Mar 2006	5	Updated after review
	27 Mar 2006	5	Removed WCSS tests, removed references to missing test code.
	31 Mar 2006	5	Added test code references. Added sections in section 5.8 (Events). Removed section 5.7
	9 May 2006	5.7	Added more Event test cases
	07 Jul 2006	5.8, 5.10	Added more Object Inclusion test cases and corrected SCR references.
	18 Jul 2006	All	Agreed by IOP BRO
	27 Jul 2006	Page 1 & 6	Agreed by IOP with corrections on the logo and the Normative References
Draft Version OMA-ETS-xHTMLMP_CON-V1_2	31 Jul 2006	Title and filename	Changed title and filename from XHTML to XHTMLMP
Candidate Versions OMA-ETS-xHTMLMP_CON-V1_2	15 Aug 2006	n/a	Status changed to Candidate OMA-TP-2006-0289R02-INP_ETS_XHTMLMP_CON_V1_2_for_Candidate_Approval TP R&A 02-15 Aug.
	30 Nov 2006	2.1	Incorporated CR: OMA-IOP-BRO-2006-0222
Draft Versions OMA-ETS-xHTMLMP_CON-V1_2	28 Feb 2007	5.1.8	Incorporated CR OMA-IOP-BRO-2007-0037
	12 Apr 2007	2.1	Added the applicable version of the test suites
Candidate Version OMA-ETS-xHTMLMP_CON-V1_2	19 Apr 2007	n/a	IOP WG agreed Prepared for TP notification (Test Suite for approval) as OMA-TP-2007-0200R01-INP_ETS_XHTML_MP_CON_V1_2_and_OMA_ETS_XHTML_MP_Test_Suite_V1_2_for_Candidate_Approval
Draft Version OMA-ETS-xHTMLMP_CON-V1_2	06 Jun 2007	2.1	Test Suite ref. updated as result of incorporation of the following CRs to the Test Suite: OMA-IOP-BRO-2007-0095 OMA-IOP-BRO-2007-0104 (affects XHTML 1.2 MP only but the test suite common to V1.1 and V1.2)
Candidate Version OMA-ETS-xHTMLMP_CON-V1_2	19 Apr 2007	n/a	IOP WG agreed Prepared for TP notification as OMA-TP-2007-0282-INP_ETS_XHTML_MP_V1_2_and_OMA_ETS_XHTML_MP_Test_Suite_V1_2_for_Notification
Candidate Version OMA-ETS-xHTMLMP_CON-V1_2	03 Dec 2007	2.1	Editorial changes as a result of the incorporation of CRs OMA-IOP-BRO-2007-0254 and OMA-IOP-BRO-2007-0278 into OMA-ETS-XHTML_MP_Test_Suites-V1_2
	14 Dec 2007	n/a	IOP WG agreed, IOP doc ref # OMA-IOP-2007-0258R01-INP_XHTML_MP_1.2_ETS_CRs254_278
Candidate Version OMA-ETS-xHTML_MP_CON-V1_2	28 Jan 2008	n/a	Prepared for TP notification as OMA-TP-2007-0502-INP_ETS_XHTML_MP_CON_V1_2_and_OMA_ETS_XHTML_MP_Test_Suite_V1_2_for_Notification
Draft Version OMA-ETS-xHTMLMP_CON-V1_2	23 Mar 2009	2.1	CRs incorporated: OMA-IOP-BRO-2009-0031 OMA-IOP-BRO-2009-0040
Candidate Version OMA-ETS-xHTML_MP_CON-V1_2	27 Mar 2009	n/a	Prepared for TP notification as OMA-TP-2009-0144-INP_XHTML_MP_1.2_CON_ETS_for_notification
Draft Version OMA-ETS-xHTML_MP_CON-V1_2	31 Jul 2009	2	CR incorporated: OMA-IOP-BRO-2009-0078

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Document Identifier	Date	Sections	Description
Candidate Version OMA-ETS-xHTML_MP_CON-V1_2	18 Aug 2009	n/a	Prepared for TP notification as OMA-TP-2009-0372R01-INP_XHTML_MP_CON_1.2_ETS_for_notification

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