

# Open Geospatial Consortium Inc.

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## **Corrigendum for OpenGIS Implementation Standard Web Map Context Documents – Corrigendum 1**

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### **Warning**

This document is a corrigendum to an OGC Standard.

Document type:	OpenGIS <sup>®</sup> IS
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## i. Preface

This document is a corrigendum for the OGC Web Map Context Standard version 1.1 [OGC document 05-005]

## ii. Document terms and definitions

This document uses terms defined in Subclause 5.3 of [OGC 05-008]. In particular, the word “shall” (not “must”) is the verb form used to indicate a requirement to be strictly followed to conform to this standard.

## iii. Document contributor contact points

All questions regarding this document should be directed to the editor or the contributors:

Name	Organization
Tom Kralidis	GeoConnections / Natural Resources Canada (Environment Canada)

## iv. Revision history

Date	Release	Editor	Primary clauses modified	Description
14 March 2008	1	Tom Kralidis	See changes below	Namespace and context:LayerType errors fixed
April 8 2008		Carl Reed		Get document ready for distribution and posting.

## v. Changes to OGC Standards

The previously approved OGC® Standards also need changes to accommodate the technical contents of this document.

## Foreword

This document provides the details for a corrigendum for the existing OpenGIS Standard for the Web Map Context Documents version 1.1.0 and does not modify that standard. The current OpenGIS IS that this document provides revision notes for is 05-005. This document is a corrigendum to 05-005.

*Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The Open Geospatial Consortium Inc. shall not be held responsible for identifying any or all such patent rights.*

*Recipients of this document are requested to submit, with their comments, notification of any relevant patent claims or other intellectual property rights of which they may be aware that might be infringed by any implementation of the standard set forth in this document, and to provide supporting documentation.*

## **Introduction**

This document defines the corrigendum change notes for Web Map Context Documents. This document was approved by the OGC membership on March 27 2008. As a result of the Corrigendum process, there were edits and enhancements made to this standard to correct typographic errors, schema errors, or some deficiency that prevented proper use of this standard. This document provides the details of those edits, deficiency corrections, and other corrects. It also documents those items that have been deprecated.



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# Web Map Context Documents Version 1.1.0 Corrigendum 1

## 1 Scope

This specification applies to the creation and use of documents which unambiguously describe the state, or "Context," of a WMS Client application in a manner that is independent of a particular client and that might be utilized by different clients to recreate the application state. This specification defines an encoding for the Context using eXtensible Markup Language [XML 1.0].

This specification is relevant to Clients of the OGC Web Map Service [WMS 1.0.0, WMS 1.1.0, WMS 1.1.1]. Reference is made to normative material from [WMS 1.1.1]. In some cases, reference is made to normative material from the Styled Layer Descriptor specification [SLD]

This specification does not address the archival, cataloging, discovery or retrieval of Context XML documents.

This corrigendum corrects sections of 05-005 for errors that are editorial in nature.

## 2 Corrigendum Description

### 2.1 Changes to Annex A

#### 2.1.1 Within introductory Text

Replace:

"The XML schema document is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengeospatial.net/context/1.1.0/context.xsd>"

With:

"The XML schema document is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengis.net/context/1.1.0/context.xsd>"

#### 2.1.2 Within xs:schema element:

Replace <http://www.opengeospatial.net/context> with <http://www.opengis.net/context> to have consistency between the published standard document and online schema examples at <http://schemas.opengis.net/context/1.1.0>.

**2.1.3 Within xs:complexType/@name="context:LayerType"**

Replace:

`<xs:sequence>``<xs:element name="Server" type="context:ServerType" minOccurs="1" maxOccurs="1"/>``<xs:element name="Name" type="xs:string" minOccurs="1" maxOccurs="1"/>``<xs:element name="Title" type="xs:string" minOccurs="1" maxOccurs="1"/>``<xs:element name="Abstract" type="xs:string" minOccurs="0" maxOccurs="1"/>``<xs:element name="DataURL" type="context:URLType" minOccurs="0" maxOccurs="1"/>``<xs:element name="MetadataURL" type="context:URLType" minOccurs="0" maxOccurs="1"/>``<xs:element name="SRS" type="xs:string" minOccurs="0" maxOccurs="1"/>``<xs:element name="DimensionList" type="context:DimensionListType" minOccurs="0" maxOccurs="1"/>``<xs:element name="FormatList" type="context:FormatListType" minOccurs="0" maxOccurs="1"/>``<xs:element name="StyleList" type="context:StyleListType" minOccurs="0" maxOccurs="1"/>``<xs:element ref="sld:MinScaleDenominator" minOccurs="0" maxOccurs="1"/>``<xs:element ref="sld:MaxScaleDenominator" minOccurs="0" maxOccurs="1"/>``<xs:element name="`

to:

`<xs:sequence>``<xs:element name="Server" type="context:ServerType"/>``<xs:element name="Name" type="xs:string"/>``<xs:element name="Title" type="xs:string"/>`



```

<xs:element name="Abstract" type="xs:string" minOccurs="0"/>
<xs:element name="DataURL" type="context:URLType" minOccurs="0"/>
<xs:element name="MetadataURL" type="context:URLType"
minOccurs="0"/>
<xs:element ref="sld:MinScaleDenominator" minOccurs="0"/>
<xs:element ref="sld:MaxScaleDenominator" minOccurs="0"/>
<xs:element name="SRS" type="xs:string" minOccurs="0"
maxOccurs="unbounded"/>
<xs:element name="FormatList" type="context:FormatListType"
minOccurs="0"/>
<xs:element name="StyleList" type="context:StyleListType"
minOccurs="0"/>
<xs:element name="DimensionList" type="context:DimensionListType"
minOccurs="0"/>
<xs:element name="Extension" type="context:ExtensionType"
minOccurs="0"/>
</xs:sequence>

```

To provide consistency between the 05-005 document and the online schema

## 2.2 Changes to Annex B

### 2.2.1 Within introductory Text

Replace:

" This annex contains a sample Context XML document. This example is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengespatial.net/context/1.1.0/context.cml>"

With:

"This annex contains a sample Context XML document. This example is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengis.net/context/1.1.0/context.xml>"

### **2.2.2 Within ViewContext element**

Replace <http://www.opengeospatial.net/context> with <http://www.opengis.net/context> to have consistency between the published standard document and online schema examples at <http://schemas.opengis.net/context/1.1.0>

## **2.3 Changes to Annex C**

### **2.3.1 Within Introductory Text**

Replace:

"The XML schema document is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengeospatial.net/context/1.1.0/context.xsd>"

With:

"The XML schema document is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengis.net/context/1.1.0/context.xsd>"

### **2.3.2 Within xs:schema element**

Replace <http://www.opengeospatial.net/context> with <http://www.opengis.net/context> to have consistency between the published standard document and online schema examples at <http://schemas.opengis.net/context/1.1.0>

## **2.4 Changes to Annex D**

### **2.4.1 Within Introductory Text**

Replace:

" This annex contains a sample Context Collection XML document. This example is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengeospatial.net/context/1.1.0/collection.cml>"

With:

"This annex contains a sample Context Collection XML document. This example is published by the Open Geospatial Consortium within a public schema repository at <http://schemas.opengeospatial.net/context/1.1.0/collection.xml>"

### **2.4.2 Within ViewContextCollection element**

Replace <http://www.opengeospatial.net/context> with <http://www.opengis.net/context> to have consistency between the published standard document and online schema examples at <http://schemas.opengis.net/context/1.1.0>

**2.5 Changes to Section 6.4.1.10.7**

Replace <http://www.w3.org/TR/xlink> with <http://www.w3.org/1999/xlink> to provide a valid xlink namespace value in 05-005 document