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DEFENCE GEOSPATIAL INFORMATION WORKING GROUP
DGIWG
SPECULUM ORBIS TERRARUM

DGIWG – xxx

== = {title}

Document type:	Standard, Technical Report, or Handbook
Document date:	dd month yyyy
Edition :	x.x.x
Responsible Party:	DGIWG
Editor :	
Audience:	DGIWG participants and associates
Abstract:	Template to create STD, TCR, and HBK documents
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Executive Summary

(The inclusion of an Executive Summary is the discretion of the author(s)).

Acknowledgement

(The acknowledgement clause is optional. Acknowledgements are listed after the Executive Summary, if present, and precede the table of contents)

(Clauses i-iv are optional, and not mandated for approval of issue, however assist in the management of the document)

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iii.Revision history

Date	Edition number	Primary clauses modified	Description
2018.07.18	0.1	clauses 0.1.1	first draft of spec template.

iv. Future work

Chapter 1. Introduction

(Mandatory. The introduction is located on a separated page preceding the 'Scope' statement. The introduction is not numbered.)

Chapter 2. Scope

(Mandatory)

Chapter 3. Conformance

(Mandatory for standards)

3.1. Subchapter 1

3.2. Subchapter 2

Chapter 4. Normative references

(As applicable)

Chapter 5. Terms, definitions, and abbreviations

(As applicable)

5.1. Definitions

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Chapter 7. Subject matter content

7.1. Subchapter 1

7.2. Subchapter 2

Appendix A: Abstract Test Suite

An Abstract Test Suite may be relevant to an Engineering Report.

An Abstract Test Suite is specified in Clause 9 and Annex A of ISO 19105. That Clause and Annex specify the ISO/TC 211 requirements for Abstract Test Suites. Examples of Abstract Test Suites are available in an annex of most ISO 191XX documents, one of the more useful is in ISO 19136. Note that this guidance may be more abstract than needed in an OGC® Implementation Standard.

Test identifier	/test/case/id
Test purpose:	Confirm that the IUT satisfies all applicable requirements for conformance level 1.
Test method:	Functional testing performed in an automated and/or manual manner. Verify the behaviour of the IUT for the following operations: • GetCapabilities (mandatory) • DescribeRecord (mandatory) • GetRecords (mandatory) • GetRecordById (mandatory) • GetRepositoryItem (mandatory) • GetDomain (optional)
Requirement:	DGIWG-XXX : clause 2.2
Test type:	Capability

Table 1. A.1.1 Conformance level 1

Test identifier	http://www.dgiwg.org/xxx/xxx
Test purpose:	The XML response entity is valid.
Test method:	Validate content of response entity against corresponding element declaration.
Requirement:	DGIWG-XXX : clause. 10.2.5.1, p. 118
Test type:	Capability

Table 2. A.1.2 Test case for validity of XML response entity

Test identifier	/test/case/id
Test purpose:	Confirm that the IUT satisfies all applicable requirements for conformance level 1.

Test method:	Functional testing performed in an automated and/or manual manner. Verify the behaviour of the IUT for the following operations: • GetCapabilities (mandatory) • DescribeRecord (mandatory) • GetRecords (mandatory) • GetRecordById (mandatory) • GetRepositoryItem (mandatory) • GetDomain (optional)
Requirement:	DGIWG XXX: cl. 2.2
Test type:	Capability

Table 3. A.2.1 Conformance level 2

Test identifier	http://www.dgiwg.org/xxx/xxx
Test purpose:	The XML response entity is valid.
Test method:	Validate content of response entity against corresponding element declaration.
Requirement:	OGC DGIWG XXX: clause. 10.2.5.1, p. 118
Test type:	Capability

Table 4. A.2.2 Test case for validity of XML response entity

Appendix B: XML Schema Documents

XML Schema Documents relevant for DGIWG STD.

The term “XML schema“ means all the XML schema parts having the same XML namespace, usually separated into multiple XML Schema Document files (with the file type “.xsd“. The XML schema parts in one XML namespace are usually separated into multiple XML Schema Documents to ease human understanding.

In addition to this document, this report includes several XML Schema Documents. These XML Schema Documents are bundled in a zip file with the present document.

The TBD abilities now specified in this document use TBD specified XML Schema Documents included in the zip file with this document. These XML Schema Documents combine the XML schema fragments listed in various subclauses of this document, eliminating duplications.

These XML Schema Documents roughly match the TBD UML packages described in Annex B, and are named:

```
TBD.xsd
TBD.xsd
```

These XML Schema Documents use and build on the OWS common XML Schema Documents specified [OGC 06-121r3], named:

```
ows19115subset.xsd
owsCommon.xsd
owsDataIdentification.xsd
owsExceptionReport.xsd
owsGetCapabilities.xsd
owsOperationsMetadata.xsd
owsServiceIdentification.xsd
owsServiceProvider.xsd
```

All these XML Schema Documents contain documentation of the meaning of each element and attribute, and this documentation shall be considered normative as specified in Subclause 11.6.3 of [OGC 06-121r9].

GetCapabilities.xsd

```
<ows:Operation name="GetCapabilities">
  <ows:DCP>
    <ows:HTTP>
      <ows:Post xlink:href="http://www.opengis.net/?">
        <ows:Constraint name="PostEncoding">
          <allowedValues>
            <ows:Value>SOAP</ows:Value>
          </ows:AllowedValues>
        </ows:Constraint>
      </ows:Post>
    </ows:HTTP>
  </ows:DCP>
</ows:Operation>
<ows:Operation name="GetTile">
  <ows:DCP>
    <ows:HTTP>
      <ows:Post xlink:href="http://www.opengis.net/?">
        <ows:Constraint name="PostEncoding">
          <ows:AllowedValues>
            <ows:Value>SOAP</ows:Value>
          </ows:AllowedValues>
        </ows:Constraint>
      </ows:Post>
    </ows:HTTP>
  </ows:DCP>
</ows:Operation>
```

Appendix C: UML model

A UML model may be relevant to an Engineering Report. This template thus includes this annex as the place for recording this UML model.

Instructions and guidelines on the usage of UML models are provided in OGC document OGC-121r9 [https://portal.opengeospatial.org/files/?artifact_id=38867].

Appendix D: Revision History

NOTE

Example History (Delete this note).

replace below entries as needed

Date	Editor	Release	Primary clauses modified	Descriptions
July 18, 2018	D. Sarafinof	.1	all	initial version
July 24, 2016	WSTP	.2	all	comments integrate

Table 5. Revision History

Appendix E: Bibliography