

All Fields marked with * are mandatory.

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| Change Request #: | 47 |
| Assigned OGC Document #: | 10-012 |
| Name: | *Simon Cox |
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| Document Name/Version: | *ISO Metadata Application Profile / 1.0.0 |
| OGC Project Document: | *07-045 |
| If this is a revision of a previous submission and you have a Change Request Number, then check here: <input type="checkbox"/> | |
| Enter the CR number here: <input type="text"/> | |
| Enter the Revision Number that you are revising here: <input type="text"/> | |
| <hr/> | |
| Title: | *CSW ISO Profile should use GML 3.2.1 |
| Source: | *JRC (GIGAS/INSPIRE) |
| Work item code: | |
| Category: | * C (Functional modification of feature) |
| <hr/> | |
| Reason for change: | <p>* The ISO Profile for CSW is the only normative publication of an XML Schema for ISO 19119, so the schema documents published at http://schemas.opengis.net/iso/19139/20060504/srv/ are the only normative ones available. There are a number of problems with this schema, including:</p> <ol style="list-style-type: none">1. the XML namespace used is http://www.isotc211.org/2005/srv - this was never authorized by the owners of the http://www.isotc211.org domain;2. the schema uses the gco and gmd namespaces via a local copy of an interim version of the ISO 19139 implementation of the ISO 19115 metadata schema. In turn this uses GML using a local copy of an interim version of GML, which was never formally published. The XML namespace used for the GML components is the one used for all versions of GML up to GML 3.1, but the schema documents are close to what was eventually published as GML 3.2.1. This complicates its use in combination with other GML-based schemas in applications that correctly use official releases of GML. |

Summary of change:

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The XML Schema implementation for ISO 19119 (the 'srv' namespace) should be amended

1. to use an XML namespace authorized by a suitable authority (e.g. <http://www.opengis.net/srv/gml/3.2>)
2. so that it refers to the official version of the ISO 19139 XML implementation of ISO 19115 (i.e. as found here <http://schemas.opengis.net/iso/19139/20070417/>) and thus (transitively) to the current official version of GML (version 3.2.1).

Consequences if not approved:

Confusion in the marketplace; difficulty for applications that use official releases of GML and the ISO 19139 schemas to also include service metadata.

Clauses affected:

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Annex D; OGC Schema Repository

Additional Documents affected:

Supporting Documentation:

Comments:

Status:

Assigned

Disposition:

Referred