Geografske informacije - Postopki za registracijo prostorskih postavk - 1. del: Osnove - Dopolnilo 1 (ISO 19135-1:2015/DAM 1:2020)

Geographic information - Procedures for item registration - Part 1: Fundamentals - Amendment 1 (ISO 19135-1:2015/DAM 1:2020)

Geoinformation - Registrierungsverfahren für geographische Informationseinheiten - Teil 1: Grundsätze - Änderung 1 (ISO 19135-1:2015/DAM 1:2020)

Information géographique - Procédures pour l'enregistrement d'éléments - Partie 1: Principes de base - Amendement 1 (ISO 19135-1:2015/DAM 1:2020)

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DRAFT AMENDMENT
ISO 19135-1:2015/DAM 1

ISO/TC **211**

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Geographic information — Procedures for item registration —

Part 1:
Fundamentals

AMENDMENT 1

Information géographique — Procédures pour l'enregistrement d'éléments —

Partie 1: Principes de base

AMENDEMENT 1

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 211, *Geographic information/Geomatics*.

A list of all parts in the ISO 19135 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO 19135-1:2015/DAM 1:2020(E)

Introduction

This amendment serves two purposes:

— Add a reference to the XML schema implementation of ISO 19135-1:2015 in an annex

This is intended for use in exchange registered items or other registry data between registries.

Note that the XML schema in ISO/TS 19135-2:2012 *Geographic information — Procedures for item registration — Part 2: XML schema implementation* was an implementation of ISO 19135:2005 *Geographic information — Procedures for item registration*. ISO/TS 19135-2:2012 was therefore withdrawn in 2019. This amendment incorporates the provisions of the withdrawn ISO 19135-2:2012, by way of a new Annex G which provides a link to an externally-held schema.

— Amend the text to reflect lessons learned during the preparation of ISO 19127:2019 Geographic information – Geodetic registry, and the implementation of the ISO Geodetic Register

This aspect will be of interest to anyone implementing a registry that is to be accepted by ISO, for example, where ISO or an ISO Technical Committee is the Register Owner.

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Geographic information — Procedures for item registration —

Part 1:
Fundamentals

AMENDMENT 1

1 Amendments due to publication of related standards

Page 2, Clause 3

Change

"ISO 19103: —[1)]"

to

"ISO 19103:2015"

Delete footnote 1)

2 Amendments regarding XML schema implementation

Page 4, Clause 4.2

Add

"XML   eXtensible Markup Language"

Page 61

Add

ISO 19135-1:2015/DAM 1:2020(E)

Annex G
(informative)

XML schema implementation

The XML implementation schema for this document may be used in a variety of ways, such as:

a) Being imported into the implementation schema of a standard which specialises ISO 19135-1 to specify a particular kind of register;

b) To support publication approaches described in Clause 6.7, that is, to transfer one or more specific register items. In this case, the ItemClass class is a suitable root element; the register association from ItemClass and RegisterItem may be provided by reference. Certain associations, e.g. RE_RegisterItem.additionInformation may be withheld, providing a gco:nilReason;

c) To export an entire register;

d) A partially populated RE_RegisterItem could be attached to a submission.

The XML implementation schema for this document was derived from the UML model in accordance with ISO/TS 19139-1:2019 *Geographic information — XML schema implementation*. This includes importing some elements from the XML schema implementation of ISO 19115, reflecting the import of UML packages from ISO 19115-1:2014.

Note: due to the relative simplicity of the UML model in this document, derivation was done directly, without the explicit creation of an implementation UML model.

The schema defines a single namespace, https://schemas.isotc211.org/19135/-2/pir/1.0.

Table G.1 lists the external namespaces used in this schema.

Table G.1 — ISO 19115-3 namespaces used in this schema

Namespace abbreviation	Namespace URI	ISO 19115-1 Package prefix
gco	https://standards.iso.org/iso/19115/-3/gco/1.0	MD
cit	https://standards.iso.org/iso/19115/-3/cit/1.0	CI

Table G.2 lists the XSD files which implement the UML packages related to the three conformance clauses.

Table G.2 — Conformance classes, UML packages, and XSD files

Conformance class	UML package	XSD file
Core schema	CoreModel	core.xsd
Extended schema	ExtendedModel	extended.xsd
Hierarchical register	Hierarchical	hierarchyl.xsd

pir.xsd includes core.xsd, extended.xsd, and hierarchy.xsd

The XML schema defined by this document can be found online at

https://schemas.isotc211.org/19135/-1/pir/1.0/

Page 62, Bibliography

Add

"[14] ISO/TS 19139-1:2019 *Geographic information — XML schema implementation*

[15] ISO 19115-3:2016 *Geographic information — Metadata — XML schema implementation*"

3 Amendments regarding implementing an ISO register

Page 5, Clause 5.1

Add a new paragraph after Figure 1,

"Where the register is an ISO register, the ISO technical committee performs the role of the control body, and the ISO registration authority is the register manager. See ISO Directives Part 1. ISO maintains a list "Maintenance Agencies and Registration Authorities" at https://www.iso.org/maintenance_agencies.html."

Page 11, Clause 6.7

Delete the last sentence,

"The register manager may charge for the cost of reproduction and distribution of such copies."

Page 50, Clause C.1

Delete the last sentence,

"In all such cases, ISO/TC 211 should be the register owner."

Page 50, Clause C.2

Insert a new second sentence,

"Where the register is an ISO register, the register manager is known as a 'registration authority'.

Page 50, Clause C.3

Delete item g)

Renumber item h) as g)