

**SLOVENSKI STANDARD**  
**SIST EN ISO 19115-1:2015/oprA2:2020**  
**01-julij-2020**

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**Geografske informacije - Metapodatki - 1. del: Osnove - Dopnilo A2 (ISO 19115-1:2014/DAM 2:2020)**

Geographic information - Metadata - Part 1: Fundamentals - Amendment 2 (ISO 19115-1:2014/DAM 2:2020)

Geoinformation - Metadaten - Teil 1: Grundsätze - Änderung 2 (ISO 19115-1:2014/DAM 2:2020)

Information géographique - Métadonnées - Partie 1: Principes de base - Amendement 2 (ISO 19115-1:2014/DAM 2:2020)

**Ta slovenski standard je istoveten z: EN ISO 19115-1:2014/prA2**

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**ICS:**

07.040	Astronomija. Geodezija. Geografija	Astronomy. Geodesy. Geography
35.240.70	Uporabniške rešitve IT v znanosti	IT applications in science

**SIST EN ISO 19115-1:2015/oprA2:2020 en,fr,de**

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# DRAFT AMENDMENT

## ISO 19115-1:2014/DAM 2

ISO/TC 211

Secretariat: SIS

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## Geographic information — Metadata —

### Part 1: Fundamentals

### AMENDMENT 2

*Information géographique — Métadonnées —**Partie 1: Principes de base**AMENDEMENT 2*

ICS: 35.240.70

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

## ISO 19115-1:2014/DAM 2:2020(E)

## Introduction

The purpose of this amendment is to add the capability of including coordinate epoch into metadata compliant with 19115-1. Coordinate epoch is defined in ISO 19111:2019. Coordinates referenced to a dynamic coordinate reference system are ambiguous if the coordinate epoch is unknown: coordinate epoch is therefore a required attribute when the coordinate reference system is dynamic, such as an ITRF realization or WGS 84. Coordinate epoch differs from other temporal attributes such as collection time in that it and associated coordinate values may be changed without any change of any other properties of a dataset or of coordinate reference system. This may be necessary if merging two datasets having different coordinate epochs.

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# Geographic information — Metadata —

## Part 1: Fundamentals

### AMENDMENT 2

#### AMENDMENT 2

*Page 2, Clause 3, Normative references*

Replace the following normative references:

ISO 19111:2007, *Geographic information — Spatial referencing by coordinates*

ISO 19111-2:2009, *Geographic information — Spatial referencing by coordinates — Part 2: Extension for parametric values*

with:

ISO 19111:2019, *Geographic information — Referencing by coordinates*

*Page 17, 6.5.8 Reference system information (MD\_ReferenceSystem), [Figure 12](#)*

Replace [Figure 12](#) with the following:

## ISO 19115-1:2014/DAM 2:2020(E)



Figure 12 — Reference system information classes

Page 60, B.1 Data dictionary overview, Table B.8

Replace Table B.8 with the following:



Table B.8 — Reference system information (includes identifier and type)

Name / Role Name	Definition	Obligation / Condition	Maximum occurrence	Data type	Domain
179 MD_ReferenceSystem	information about the reference system	Use obligation / condition from referencing object	Use maximum occurrence from referencing object	Aggregated class (MD_Metadata)	Lines 180-181
180 referenceSystemIdentifier	identifier and codespace for reference system EXAMPLE: EPSG::4326	C / At least one of referenceSystemIdentifier or crs is required.	1	Class	MD_Identifier (Table B.17.2)
180a crs	full description of the coordinate reference system to which a coordinate set is referenced	C / At least one of referenceSystemIdentifier or crs is required.	1	Class	CRS (Table B.2.10)
180b coordinateEpoch	epoch to which coordinates in a dynamic coordinate reference system are referenced EXAMPLE: 2019.71	C / Required if the CRS is dynamic.	1	Class	DataEpoch (Table B.2.10)
181 referenceSystemType	type of reference system used EXAMPLE: compoundGeographic2DParametric	0	1	Class	MD_ReferenceSystemType-Code (Table B.3.26)
NOTE: The UML model for this table is shown in <a href="#">Figure 12</a> .					