

## ANNEX III

## ANNEX VII

**IMPLEMENTING RULES FOR THE HARMONISATION  
OF INTEROPERABLE SPATIAL DATA SERVICES**

## PART A

**Characteristics**

## 1. Quality of Service

The probability of a harmonised spatial data service to be available shall be 98 % of the time.

## 2. Output encoding

A harmonised spatial data service returning spatial objects in the scope of the Directive 2007/2/EC shall encode those spatial objects according to this regulation.

## PART B

**Metadata Elements**

## 3. invocation metadata

The invocation metadata element documents the interfaces of the harmonised spatial data service and lists the end points to enable machine-to machine communication.

## PART C

**Instructions on Multiplicity and Conditions of the Metadata Elements**

The harmonised spatial data service metadata shall comprise the metadata element or group of metadata elements listed in Table 1.

This metadata element or group of metadata elements shall be in accordance with the expected multiplicity and the related conditions set out in Table 1.

When no condition is expressed in relation to a particular metadata element, that element shall be mandatory.

TABLE 1

**Metadata for harmonised spatial data services**

Reference	New metadata elements	Multiplicity	Condition
1	invocation metadata	1..*	

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**Changes to legislation:** There are currently no known outstanding effects for the Commission Regulation (EU) No 1312/2014, ANNEX III. (See end of Document for details)

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## PART D

### Operations

#### 1. List of operations

A harmonised spatial data service shall provide the operation listed in table 2.

TABLE 2

#### Operations for Harmonised Spatial Data Services

Operation	Role
Get Harmonised Spatial Data Service Metadata	Provides all necessary information about the service and describes service capabilities

#### 2. Get Harmonised Spatial Data Service Metadata Operation

##### 2.1. Get Harmonised Spatial Data Service Metadata Request

##### 2.1.1. Get Harmonised Spatial Data Service Metadata Request parameters

The Get Harmonised Spatial Data Service Metadata Request parameter indicates the natural language for the content of the Get Harmonised Spatial Data Service Metadata Response

##### 2.2. Get Harmonised Spatial Data Service Metadata Response

The Get Harmonised Spatial Data Service Metadata Response shall contain the following sets of parameters:

- Harmonised Spatial Data Service Metadata,
- Operations Metadata,
- Languages.

##### 2.2.1. Harmonised Spatial Data Service Metadata parameters

The Harmonised Spatial Data Service Metadata parameters shall at least contain the INSPIRE metadata elements of the Harmonised Spatial Data Service set out in this Regulation, and in Regulation (EC) No 1205/2008.

##### 2.2.2. Operations Metadata parameters

The Operations Metadata parameter provides metadata about the operations of the Harmonised Spatial Data Service. It shall at least describe each operation, including as a minimum a description of the data exchanged and the network address.

##### 2.2.3. Languages parameter

Two language parameters shall be provided:

- the Response Language parameter indicating the natural language used in the Get Harmonised Spatial Data Service Metadata Response parameters,
- the Supported Languages parameter containing the list of the natural languages supported by the Harmonised Spatial Data Service.

**Changes to legislation:**

There are currently no known outstanding effects for the Commission Regulation (EU) No 1312/2014, ANNEX III.