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ANNEX III

VIEW SERVICES

PART A

Operations

1.   LIST OF OPERATIONS

In order to be in conformity with Article 11(1) of Directive 2007/2/EC, the View Service shall provide the operations listed in Table 1 of this Annex.

TABLE 1

Operation	Role
Get View Service Metadata	Provides all necessary information about the service and describes service capabilities
Get Map	Returns a map containing the geographic and thematic information coming from the available spatial datasets. This map is an image spatially referenced

In order to be in conformity with Article 12 of Directive 2007/2/EC, the view Service shall support the operations listed in Table 2 of this Annex.

TABLE 2

Operation	Role
Link View Service	Allows a Public Authority or a Third Party to declare a view Service for the viewing of its resources through the Member State View Service while maintaining the viewing capability at the Public Authority or the Third party location

The request and response parameters of each operation complete the description of each operation and form an integral part of the View Service technical specification.

2.   GET VIEW SERVICE METADATA OPERATION

2.1.   **Get View Service Metadata Request**

2.1.1. *Get View Service Metadata Request parameters*

The Get View Service Metadata Request parameter indicates the natural language requested for the content of the Get View Service Metadata Response.

2.2.   **Get View Service Metadata Response parameters**

The Get View Service Metadata Response shall contain the following set of parameters:
—   View Service Metadata,

—   Operations Metadata,

—   Languages,

—   Layers Metadata.

2.2.1. *View Service Metadata parameters*

The View Service Metadata parameters shall at least contain the INSPIRE metadata elements of the View Service.

2.2.2. *Operations Metadata parameters*

The Operation Metadata parameter describes the operations of the View Service and shall contain as a minimum a description of the data exchanged and the network address of each operation.

2.2.3. *Languages parameters*

Two language parameters shall be provided:

—   the Response Language parameter indicating the natural language used in the Get Service Metadata Response parameters,

—   the Supported Languages parameter containing the list of the natural languages supported by this view service.

2.2.4. *Layers Metadata parameters*

The metadata elements listed in Table 3 shall be provided for each layer.

TABLE 3

Metadata elements	Description
Resource Title	The title of the layer, used for human communication, for presentation of the layer, e.g. in a menu
Resource Abstract	Layer abstract
Keyword	Additional keywords
Geographic Bounding Box	The minimum bounding rectangle in all supported Coordinate Reference Systems of the area covered by the layer
Unique Resource Identifier	The Unique Resource Identifier of the resource used to create the layer

The layer specific parameters listed in Table 4 shall be provided for each layer.

TABLE 4

Parameter	Description
Name	Harmonised name of the layer
Coordinate Reference Systems	List of Coordinate Reference Systems in which the layer is available

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Styles	List of the rendering styles available for the layer.
	A style shall be composed of a title and a unique identifier
Legend URL	Location of the legend for each style, language and dimension pairs
Dimension Pairs	Indicates the supported two dimensional axis pairs for multi-dimensional spatial data sets and spatial data sets series

3.   GET MAP OPERATION

3.1. **Get Map Request**

3.1.1.   *Get Map Request parameters*

The Get Map Request parameters listed in Table 5 shall be provided

TABLE 5

Parameter	Description
Layers	List of layer names to be included in the map
Styles	List of style to be used for each layer
Coordinate Reference System	Coordinate Reference System of the map
Bounding box	The 4 corner Coordinate of the two dimensional map for the selected Dimension pair and in the selected Coordinate Reference System
Image width	The map width in pixels
Image height	The map height in pixels
Image format	The output image format
Language	language to be used for the response
Dimension pair	The two dimensional axis to be used for the map. For example, a geographical dimension and time

4.   LINK VIEW SERVICE OPERATION

4.1. **Link View Service Request**

4.1.1.   *Link View Service Request parameter*

The Link View Service parameter shall provide all information about the Public Authority's or Third Party's View Service compliant with this regulation, enabling the Member State View Service to get a map from the Public Authority's or Third Party's View Service and to collate it with other maps.

Changes to legislation:
There are outstanding changes not yet made to Commission Regulation (EC) No 976/2009. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.
View outstanding changes

Changes and effects yet to be applied to the whole legislation item and associated provisions

–   Annex 1 words substituted by S.I. 2018/1338 reg. 12(5)
–   Annex 2 Pt. B words omitted by S.I. 2018/1338 reg. 12(6)(b)(i)
–   Annex 2 Pt. A words substituted by S.I. 2018/1338 reg. 12(6)(a)(i)
–   Annex 2 Pt. B words substituted by S.I. 2018/1338 reg. 12(6)(b)(ii)
–   Annex 2 Pt. B words substituted by S.I. 2018/1338 reg. 12(6)(b)(iii)
–   Annex 2 Pt. A words omitted by S.I. 2018/1338 reg. 12(6)(a)(ii)(bb)
–   Annex 2 Pt. A words substituted by S.I. 2018/1338 reg. 12(6)(a)(ii)(aa)
–   Art. 2(5) words substituted by S.I. 2018/1338 reg. 12(3)(b)
–   Art. 2(13) inserted by S.I. 2018/1338 reg. 12(3)(c)
–   Annex 3 Pt. A para. 4.1.1 words omitted by S.I. 2018/1338 reg. 12(7)(a)(vi)
–   Annex 3 Pt. A words substituted by S.I. 2018/1338 reg. 12(7)(a)(i)
–   Annex 3 Pt. A words substituted by S.I. 2018/1338 reg. 12(7)(a)(ii)
–   Annex 3 Pt. B words substituted by S.I. 2018/1338 reg. 12(7)(b)
–   Annex 3 Pt. A words omitted by S.I. 2018/1338 reg. 12(7)(a)(iii)
–   Annex 4 Pt. A para. 5 words omitted by S.I. 2018/1338 reg. 12(8)(c)
–   Annex 4 Pt. A para. 5.1.1 words omitted by S.I. 2018/1338 reg. 12(8)(d)
–   Annex 4 Pt. A words substituted by S.I. 2018/1338 reg. 12(8)(a)
–   Annex 4 Pt. A words substituted by S.I. 2018/1338 reg. 12(8)(b)
–   Annex 5 words omitted by S.I. 2018/1338 reg. 12(9)(b)
–   Annex 5 para. 4.1.1 words omitted by S.I. 2018/1338 reg. 12(9)(c)
–   Annex 5 words substituted by S.I. 2018/1338 reg. 12(9)(a)