



EUROPEAN COMMISSION

Brussels, **XXX**
[...] (2013) **XXX** draft

COMMISSION REGULATION (EU) No .../..

of **XXX**

**amending Regulation (EU) No 1089/2010 implementing Directive 2007/2/EC as regards
interoperability of spatial data sets and services**

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amending Regulation (EU) No 1089/2010 implementing Directive 2007/2/EC as regards interoperability of spatial data services

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2007/2/EC of the European Parliament and of the Council of 14 March 2007 establishing an Infrastructure for Spatial Information in the European Community (INSPIRE)¹, and in particular Article 7(1) thereof,

Whereas:

- (1) Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services² sets out the technical arrangements only for interoperability of spatial data sets related to the spatial data themes in Annex I to Directive 2007/2/EC.
- (2) Following the definition in EN ISO 19119:2005, the interoperability of spatial data services can be characterised by the capability to communicate, execute or transfer data among them, therefore putting the emphasis on the documentation and/or harmonisation of the service context not so much on the harmonisation of the content of the service contrary to the spatial data sets implementing rules.
- (3) In order to progress further towards the interoperability of spatial data services, it is appropriate to set out technical arrangements for the interoperability, and where practicable, requirements for the harmonisation of spatial data services.
- (4) Regulation (EU) No 1089/2010 should therefore be amended accordingly.
- (5) The measures provided for in this Regulation are in accordance with the opinion of the Committee established by Article 22 of Directive 2007/2/EC,

HAS ADOPTED THIS REGULATION:

¹ OJ L 108, 25.4.2007, p. 1.

² OJ L 323, 8.12.2010, p. 11.

Article 1

This Regulation sets out the technical arrangements for the interoperability and, where practicable, harmonisation of spatial data services provided for in Article 7 (1) of Directive 2007/2/EC.

Article 2

Regulation (EU) No 1089/2010 is amended as follows:

- (1) Before Article 1, the following text is added:

“CHAPTER I

GENERAL PROVISIONS”

- (2) Article 2 is amended as follows:

- (a) the introductory sentence is replaced by the following:

"For the purposes of this Regulation, the following definitions as well as the definitions set out in the Annexes shall apply:"

- (b) the following points 31 to 39 are added:

“31. ‘access point’ means an internet address containing a detailed description of a spatial data service, including a list of endpoints to allow an automatic execution,

32. ‘end point’ means the Internet address used to directly call an operation provided by a spatial data service,

33. ‘an invocable spatial data service’ means the following:

- a) a spatial data service with metadata according to Regulation (EU) No 1205/2008,
- b) a spatial data service with at least one resource locator that is an access point,
- c) and a spatial data service in conformity with a documented and publicly available set of technical specifications providing the information necessary for its execution.

34. ‘interoperable spatial data service’ means an invocable spatial data service in conformity with the annex VII of this regulation’,

35. ‘harmonised spatial data service’ means an interoperable spatial data service in conformity with the annex VIII of this regulation,

36. ‘conformant spatial data set’ means a spatial data set in conformity with this regulation,

37. ‘operation’ means an action supported by a spatial data service,

38. ‘interface’ means the named set of operations that characterize the behaviour of an entity in accordance with ISO 19119:2005,

39. ‘semantic interoperability’ means that the precise meaning of exchanged information is preserved and understood by all relevant parties.

(3) Before Article 3 the following is added:

“CHAPTER II

INTEROPERABILITY OF SPATIAL DATA SETS”

(4) Article 6 is amended as follows:

(a) The Title is replaced by:

“Code Lists and Enumerations for Spatial Data Sets”

(b) The introductory sentence is replaced by the following:

“Code lists shall be one of the following types, as specified in the Annexes I, II, III and IV:”

(5) In Article 8, the following point 3 is added:

“3. The updates of data shall be made available to all related spatial data services according to the deadline specified in 2.”

(6) After article 14, the following is added:

“CHAPTER III

TECHNICAL ARRANGEMENTS FOR SPATIAL DATA SERVICES”

(7) Article 15 is renumbered to Article 19.

(8) A new article is added as follows:

“Article 15

Requirements for all spatial data services

Not later than **6** months after the date of adoption of this regulation, Member States shall provide the spatial data services metadata in conformity with the requirements set out in Annex V.”

(9) A new article is added as follows:

“Article 16

Requirements for invocable spatial data services

Not later than **1** year after the date of adoption of this regulation, Member States shall provide the invocable spatial data services metadata in conformity with the requirements set out in Annexes V and VI.”

(10) A new article is added as follows:

“Article 17

Interoperability arrangements and harmonisation requirements for invocable spatial data services

The invocable spatial data services relating to the data contained in at least one conformant spatial data set shall be in conformity with the interoperability requirements set out in Annexes V, VI and VII and, where practicable, with the harmonisation requirements set-out in Annex VIII”

(11) A new article is added as follows:

“Article 18

Applicability to network services

Not later than 6 months after the date of adoption of this regulation, Member States shall provide the network services metadata, mandated in Directive 2007/2/EC with rules for implementation in Commission Regulation (EU) No 976/2009, in conformity with the Annex V.”

(12) Annex V, as set out in the Annex I to this Regulation, is added.

(13) Annex VI, as set out in the Annex II to this regulation, is added.

(14) Annex VII, as set out in the Annex III to this regulation, is added.

(15) Annex VIII, as set out in the Annex IV to this regulation, is added.

Article 2

This Regulation shall enter into force on the [twentieth] day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels,

*For the Commission
The President*

On behalf of the President

[Position]