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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Geographic information -- Registry service specification

地理信息 注册服务规范

(English Translation)

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Foreword

Appendix A to this Guidance Document is a normative appendix, and appendix B, appendix C and appendix D are informative appendices.

The guidance of technical documents proposed by the State Bureau of Surveying and Mapping.

This guidance document is governed by the National Geographic Information Standardization Technical Committee (SAC/TC230).

The main drafting of this technical guidance document. National Information Center, Wuhan University, China Institute of Standardization.

1 Scope

This guidance document gives a model of the geographic information registration service and a reference implementation based on the directory service.

This guidance document is applicable to the management and querying of geographic information services.

2 Normative references

The following documents contain provisions which, through reference in this Guidance Document, become the provisions of this Guidance Note document. All dated Reference documents, all subsequent amendments (not including errata content), or revisions do not apply to this guidance document, however, drums Recipients of the agreement based on this guidance document are encouraged to study whether the latest versions of these documents are applicable. All undated references the latest version of this document applies to this guidance document.

GB/T 7408-2005 Data Element and Format Exchange Date and time representation (ISO 8601:2000, IDT) GB/T 17694-2009 Geographic information terms (ISO/T S19104.2008, IDT) Geographic information directory service specification

3.1 Terms and definitions

The following terms and definitions apply to this guidance document.

3.1.1

Operation

The object can be called to perform the conversion and query specifications.

An operation includes a name and a series of parameters.

[GB/T 17694-2009, Definition B.332] 3.1.2 Interface A collection of named operations that describe the characteristics of an entity's behavior.

[GB/T 17694-2009, Definition B.260] 3.1.3 Service the distinguishable part of the functionality provided by the entity over the interface.

[GB/T 17694-2009, definition B.427] 3.1.4 Registration service registryservice Services that provide service metadata publishing and discovery capabilities.

3.1.5

Service metadata Metadata used to describe the service, describing the characteristics of the service instance, including service base information, service provider information, and service metadata