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

GB/T 12343.2-2008

Replacing GB 15944-1995

**Compilation specifications for national fundamental scale maps
- Part 2: compilation specifications for 1:250 000 topographic
maps**

国家基本比例尺地图编绘规范 第2部分：1:250 000地形图编绘规范

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Foreword

5 topographic map elements and represents a comprehensive

1 Scope

GB/T 12343.2-2008 is the Chinese national standard on compilation specifications for national fundamental scale maps - part 2: compilation specifications for 1:250 000 topographic maps, in the field of natural and applied sciences. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 July 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2008. Classification: ICS 07.040, CCS A79. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 12343 provisions of this part of the basic requirements for compilation 1:250000 topographic maps, technical methods and topographic maps of the elements of mechanized Closing requirements and technical specifications. This section applies to the compilation 1:250000 topographic maps, thematic maps compilation corresponding scale basemap may also refer to use.

2 Normative references

The following documents contain provisions which, through

GB/T 12343 reference in this text, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Research into whether the parties to the agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 13989 national basic scale topographic maps and numbering

GB/T 20257.4 national basic scale map drawings - Part 4. 1:250000 1:500000 1:1000000
Topographical Map CH/T 1004 mapping technology design requirements

3 Terms

The following terms and definitions apply GB/T 12343 in this section.

3.1 The use of not less than mapping scale topographic map data and updates, by stitching, contents and choose to update, and edit cartographic generalization Compilation and other technology to obtain compliance with the requirements of the mapping scale topographic map process.

3.2 Plane position topographic map elements, attributes, and graphic symbols of the data set, referring to the symbol of the map data.

3.3 Spatial coordinates topographic map elements, attributes and geometry data set information, refer to non-symbolic map element data.

3.4 Of topographic map contents according to certain rules and rules to select, summarize, exaggerated shift to reflect the characteristics of the basic drawing objects Typical characteristics and internal relations process.

4 Basic requirements topographic map

4.1 Mathematical basis Topographic Map Positioning Reference system.

a) coordinate system using 2000 National Geodetic coordinate system;

6.2 Compilation order 13

6.3 yuan data entry and file Figure 13 calendar book filled Preparations 15

7.3 Drawing

7.4 Determination and professional design book compilation of technical methods of preparation 15 8 topographic map editing feature 16

8.4 Data Edge 16 9 topographic map production 16 9.1 16 elements Symbol editor

9.2 topographic map Edge 17

9.3 contour decoration of topographical map 17

17 Appendix A (informative) Example 18 comp image

GB/T 12343 "national basic scale map compilation specification" is divided into three parts.

--- Part 1. 1:25000 1:50000 1:100000 topographic map compilation specification;

--- Part 2. 1:250000 topographic map compilation specification;

--- Part 3. 1:500000 1:1000000 topographic map compilation specification. This section GB/T 12343 Part 2. This Part replaces GB 15944-1995 "1:250000 topographic map compilation and specification Schema "in the compilation Specifications section. This section compared with GB 15944-1995 main changes are as follows:

--- According to GB/T 1.1-2000 "Standardization Guide Part 1. Standard structure and write rules" of standards Amendment;

--- In preparation for editing chapters deleted Description field Editorial Design book about

job carving clear methods;

--- Increasing the flow chart and topographic map compilation "first feature after selecting the symbol editing" and "selected elements in the compilation of technical methods section The traditional method of operation and the symbol editor at the same time, "the compilation method, delete pavilion, collages, scale series and so on;

--- Increase in topographic map compilation section of the elements in GB/T 20257.4 topographic map illustrated in the increase of the feature elements of the selection means Standard, and feature a number of integrated elements selected indicators make appropriate modifications;

--- To delete the relevant printed artwork made clear, carving content, increasing the processing elements of the relationship between the content;

--- The "township resident to resident name to spout" read "by the administrative township residents to name the note";

--- Increased between contour decoration big word in the annotation rules for residential areas, lakes and reservoirs;

--- Delete the original Chapter 6, "Map of the publication" section. Appendix A of this section is an informative annex. This part by the State Bureau of Surveying and Mapping. This part of the National Standardization Technical Committee centralized geographic information. This section drafted by: National Mapping Bureau of Surveying and Mapping Standardization Institute. The main drafters of this section. Ma Xiaoping, Xiao Guoxiong, Liu Xiaoqiang. This part of the standard replaces the previous editions are.

--- GB CHIV-302-85;

--- GB 15944-1995.