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

GB/T 14268-2008

Replacing GB/T 14268-1993

**Revision specifications for the national fundamental scale
topographic maps**

国家基本比例尺地形图更新规范

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Foreword

This standard replaces GB/T 14268-1993 "national primary scale topographic map revision specification." This standard and GB/T 14268-1993 compared to the main changes are as follows:

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

--- Standard Scope increased 1.500,1.1000,1.2000 and 1.250000,1.500000,1.1000000 six Kinds of scale;

--- Delete the original standard in Chapter 3, "topographic map revision," "comprehensive surveying", "local surveying", "Fast Correction" and other terms, increase the "terrain Map update, "" dynamic update ", " updated regularly "and other terms;

--- Topographic map shorten the update cycle, and as informative annex;

--- Original Chapter 4 and Chapter 5 merge, delete comprehensive surveying, local surveying, surveying solutions fast, increase the dynamic updates, regular updates, heavy Test updates, revision and updating, revision update provisions;

--- Deleted the original Chapter 6 resurvey work on traditional methods of job requirements;

--- When the original Chapter 7 topographic map revision drawing contradictory principles removed for repair detected basemap requirements, using different technical standards There is a conflict of processing, Photo Control Point, and other principles of encryption within the industry point;

--- Simplify former Chapter 8 of the preparatory work related to data collection, analysis and processing, artwork and other content inspection;

--- Increasing the flow chart updated technology, and increased map drawing transfer method, using updated data and other content. The Standard Appendix A, Appendix B is an informative annex. This standard was proposed by the State Bureau of Surveying and Mapping. This standard by the National Standardization Technical Committee on Geographical Information. This standard by the National Mapping Bureau of Surveying and Mapping Institute of Standardization responsible for drafting. The main drafters of this standard. Ma Xiaoping, Wu Wei. This standard replaces the standards previously issued as follows:

--- GB/T 14268-1993. National primary scale topographic map specification update

1 Scope

GB/T 14268-2008 is the Chinese national standard on revision specifications for the national fundamental scale 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 20 June 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 A75. 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.

This standard specifies the

1.500,1.1000,1.2000,1.5000,1.10000,1.25000,1.50000,1.100000, 1.250000,1.500000,1.1000000 national primary scale topographic map update principles, methods and accuracy requirements. This standard applies to the national primary scale topographic maps updated.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including

errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

Aerophotogrammetry within industry norms

GB/T 7930 1.500,1.1000,1.2000 topographic map

GB/T 7931 1.500,1.1000,1.2000 topographic map Aerophotogrammetry outside the industry norm

GB/T 12340 1.25000,1.50000,1.100000 topographic map Aerophotogrammetry within industry norms

GB/T 12341 1.25000,1.50000,1.100000 topographic map Aerophotogrammetry outside the industry norm

GB/T 13977 1.5000,1.10000 topographic map Aerophotogrammetry outside the industry norm

GB/T 13990 1.5000,1.10000 topographic map Aerophotogrammetry within industry norms

GB/T 14912 large-scale topographic maps computer-aided mapping specification

GB/T 18316 digital mapping products for inspection, acceptance and quality assessment

GB/T 20257 (all parts) national basic scale map schema

GB/T 12343 (all parts) national basic scale map compilation specification CH/T 1004 mapping technology design requirements CH/T 1015.1 fundamental geographic information products 1.10000,1.50000 digital production and technological processes - Part 1. Digital Line Graphs (DLG)

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Based on a fixed number of years to change the situation and surveys to obtain a topographic feature of the region to determine the area were retested, surveying or revision.

3.2 Also known to date. In an important feature as needed or on a topographic map of the area to be updated.

3.3 Also known as the update cycle, according to a certain number of years of the terrain features should be represented on the topographic map updates.

4 General

4.1 Basic requirements Updated topographic map accuracy should meet the GB/T 7930, GB/T 7931, GB/T 12340, GB/T 12341, GB/T 13977,