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

GB/T 12763.11-2007

**Specifications for oceanographic survey - Part 11; marine
engineering geological investigation**

海洋调查规范 第11部分：海洋工程地质调查

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Foreword

GB/T 12763 "oceanographic survey" is divided into 11 parts.

- Part 1. General;
- Part 2. Ocean hydrological observations;
- Part 3. Marine Meteorological Observations;
- Part 4. Marine chemical elements survey;
- Part 5. Ocean sound, light elements survey;
- Part 6. Marine Biology Survey;
- Part 7. Oceanographic survey data exchange;
- Part 8. Marine Geophysical Survey;
- Part 9. Guide to marine ecology survey;
- Part 10. Survey of the topography of the seabed;
- Part 11. Marine Engineering Geological Survey. Part 9, Part 10 and Part 11 corresponds to GB/T 12763-1991 is the new part. This section GB/T 12763 Part 11 should be used in conjunction with its Part 1, Part 8 and Part 10 supporting. This part of the Appendix A is a normative appendix, Appendix B, Appendix C, Appendix D, Appendix E, Appendix F, Appendix G, Appendix H, Appendix I and Appendix J is an informative annex. This part is proposed by the State Oceanic Administration. This part of the national ocean standard measurement center. This part consists of the First Institute of Oceanography of the State Oceanic Administration, the Second Institute of Oceanography of the State Oceanic Administration, the China Geological Survey of the Ministry of Land and Resources, Guangzhou Marine Geological Survey and the Institute of Geophysics, China Earthquake Administration jointly drafted. The main drafters of this section. Li Peiying, Li Ping, Pan Guofu, Zheng Zhichang, You Hui Chuan, Ye Yincan, Shi Hong, Zeng Ningfeng, Liu Lejun,

Du Jun, Mo Jian, Chen Junren, Wang Wenhai. Marine survey specification Part 11. Marine engineering geological survey

1 Scope

GB/T 12763.11-2007 is the Chinese national standard on specifications for oceanographic survey - part 11; marine engineering geological investigation, 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 13 August 2007 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 February 2008. Classification: ICS 07.060, CCS A45. 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 section provides the content, methods and technical requirements of marine engineering geological survey. This section applies to 1. 100,000, 1. 250000 and 1. 500000 scale regional marine engineering geological survey. Large scale ocean Engineering geological survey can refer to use.

2 Normative references

The following documents contain provisions which, through reference in this part of

GB/T 12763, become the provisions of this section. Any reference to the date of the citation All subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to be reached under this section The parties to the agreement examine whether the latest versions of these documents are available. For undated references, the latest version applies to this book section. Spring dial scale Code for measurement of seaways GB 12327-1998

GB/T 12763.1 Marine survey code - Part 1. General principles

GB/T 12763.8 Marine survey code - Part 8. Marine geophysical survey

GB/T 12763.10 Code of practice for marine survey - Part 10. Survey of the topography of the seafloor Geotechnical instrumentation basic parameters and general technical conditions Geotechnical test methods Geotechnical test code ASTM D5778-1995 Standard Test Method for Performing Electronic Friction Cement and Polaroid-cone Penetration Testing of Soils Annual Book of ASTM Standards, Section 4, Soil and Rock (I). D420-D5779, Volume 04.08, 2000

3 Terms and definitions

The following terms and definitions apply to this part of GB/T 12763.

3.1 In the marine engineering planning or construction before the use of geology, engineering geology and related theoretical knowledge and the corresponding technical methods, in the pre-selection Marine Geological Survey at and near the site.

3.2 Large scale small scale (1: 100000 ~ 1: 500000) marine engineering geological survey.

4.1 The purpose and mission of the investigation

4.1.1 Purpose Marine Engineering Geological Survey Purpose.