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

GB/T 14914.2-2019

Replacing GB/T 14914-2006

**The specification for marine observation - Part 2 :Offshore
observation**

海洋观测规范 第 2 部分:海滨观测

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Foreword

GB/T 14914 "Ocean Observation Specification" is divided into six parts.

--- Part 1. General;

--- Part 2. Seaside observation;

--- Part 3. Buoy subsurface observation;

--- Part 4. Shore-based radar observations;

--- Part 5. Satellite remote sensing observations;

--- Part 6. Data processing and quality control. This part is the second part of GB/T 14914. This part is drafted in accordance with the rules given in GB/T 1.1-2009. This part replaces GB/T 14914-2006 "Seaside Observation Specification". The main technical changes in this section compared with GB/T 14914-2006 are as follows:

--- Revised the normative reference document (see Chapter 2, Chapter 2 of the.2006

edition);

--- Removed the term "sea state" (see

3.1 of.2006 edition);

--- Added the term "day boundary" (see 3.6);

--- Increased the requirements for the observation and recording of the longitude and latitude of the ocean observatory (point), the area requirements of the meteorological observation field, and the installation requirements of the observation equipment. Lightning protection measures for ocean observing stations (points), site migration comparison observation requirements, operational operation comparison observation requirements, update of observation instruments Marine equipment observatories (points) should document activities that have an impact on the observed data (see 4.1);

--- Revised observing procedures and supplementary testing regulations (see 4.2, 4.4 of.2006 edition);

1 Scope

GB/T 14914.2-2019 is the Chinese national standard on the specification for marine observation - part 2 :offshore observation, 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 25 March 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 October 2019. 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 part of GB/T 14914 specifies the timeliness, technical requirements, methods of observation and recording, data collation and Correction, data transmission requirements. This section applies to ocean hydrology and marine meteorological observations at ocean observatories (points) on coastal, island, and platform.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 4696 China Sea Area Water Navigation Sign

GB/T 12897 National First and Second Level Measurement Specifications

GB/T 12898 National Third and Fourth Level Measurement Specifications

GB/T 13972 General technical conditions for marine hydrological instruments

GB/T 14914.1 Specification for marine observations - Part 1. General

GB/T 15920 Oceanographic terminology physical oceanography HY/T 059 General technical requirements for automated observation of marine stations QX30 automatic weather station field lightning protection technical specification QX/T

45 Ground meteorological observation specification Part 1. General QX/T

49 Surface meteorological observation specification Part 5. Air pressure observation QX/T

50 Surface meteorological observation specification Part 6. Air temperature and humidity observation QX/T

51 Ground meteorological observation specification Part 7. Wind direction and wind speed observation QX/T

52 Ground meteorological observation specification Part 8. Precipitation observation QX/T

61 Surface meteorological observation specification Part 17. Automatic weather station observation

3 Terms and definitions

The following terms and definitions as defined in GB/T 15920 apply to this document.

3.1 Wave type wavetype The appearance of the waves.

3.2 Surface seawater temperature sea-surface temperature Sea water temperature between the surface of the sea and a depth of

0.5 m.

3.3 Surface seawater salinity sea-surface salinity Seawater salinity between the surface of the sea and a depth of

0.5 m.