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

GB/T 34430.1-2017

**Ships and marine technology -- Protective coatings and
inspection method -- Part 1: Dedicated sea water ballast tanks**

船舶与海上技术 保护涂层和检查方法 第1部分：专用海水压载舱

(English Translation)

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Foreword

GB/T 34430 "marine and marine protective coatings and inspection methods" is divided into five parts.

- Part 1. Dedicated seawater ballast tanks;
- Part 2. Empty bulk carriers and tanker;
- Part 3. Crude oil tanker;

--- Part 4. Automatic measurement of water-soluble salts;

--- Part 5. Assessment of coating damage.

This section GB/T 34430 Part 1.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with ISO 16145-1:2012 "Ship and marine protection coatings and inspection methods Part 1 Points. Dedicated seawater ballast tank. " the documents of our country that are consistent with the corresponding international documents that are normative references in this section are as follows.

--- GB/T 8923.3-2009 Steel sheets before coating - Visual evaluation of surface cleanliness - Part 3. Welds, Treatment of surface defects on edges and other areas (ISO 8501-3:2006, IDT)

--- GB/T 13288.1-2008 Before coating the steel surface treatment After blasting steel surface roughness characteristics Part 1. Technical requirements and criteria for comparison of ISO surface roughness for the evaluation of steel surface roughness after spray cleaning Meaning (ISO 8503-1:1988, IDT)

--- GB/T 13288.2-2011 Steel surface treatment before coating the steel surface after spray cleaning Properties of surface roughness 2 Part 11. Methods for the determination of the surface roughness of steels after abrasive blasting - Comparative sample method (ISO 8503-2-1988, IDT) this section made the following editorial changes.

--- According to the actual situation, add footnotes in 3.3, 6.3.3.2 and Table 6;

--- According to the hull chart requirements, improve the Figure 5;

--- In the references to supplement the text cited in the relevant standards.

This part is proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee marine craft sub-Technical Committee (SAC/TC12/SC2) centralized.

This part of the drafting unit. China Shipbuilding Technology and Economy Institute, Hudong Zhonghua Shipbuilding (Group) Co., Ltd..

1 Scope

GB/T 34430 provisions of this part of the ship dedicated seawater ballast tank coating protection and inspection methods.

This section applies to all types of ships not less than 500 gross tonnage seawater ballast tanks and bulk carriers not less than 150m in length double side Side premises, and is a construction contract signed on or after July 1, 2008, or without a construction contract but

laid on or after January 1, 2009 Keel or similar construction phase, or in July 1, 2012 and after delivery of the ship.

This section also applies to the construction contract signed on or after December 8, 2006, the length of not less than 150m double hull structure tanker Dedicated seawater ballast tanks and bulkheads of not less than 90 m in length having double side skin spaces.

Note: Double side skin means a longitudinal bulkhead and side shell connected to the double bottom and deck by the side of the vessel. If possible, the hopper tank and topside tank may form double-sided the complete part of the structure of the side. Therefore, a bulk carrier, empty tank or other designated tank with a single-side structure designed as part of a topside tank shall not be considered as a double Side shelter (shown in Figure 1 and Figure 2).

Description.

- 1 --- topside cabin;
- 2 --- hopper tank;
- 3 --- Empty space or other designated space (not to be regarded as double side skin).

Figure 1 Bulk carrier section with one side structure