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

GB/T 37445-2019

**Ships and marine technology - Marine environment protection -
Arrangement and management of port waste reception facilities**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 16304.2018 "ship and marine technology marine environmental protection port waste reception

Facilities layout and management.

This standard has made the following editorial changes.

---6.4 The second-level column item symbol is adjusted from "-" to "·";

--- Tables in Appendix A and Appendix B add numbers and tables;

--- Appendix A, the introduction of the guidance word "waste type and treatment plan see Table A.1";

--- Appendix B, the introduction of the guide "the conversion factor between waste volume and weight is shown in Table B.1".

This standard is proposed and managed by the National Marine Machinery Standardization Technical Committee (SAC/TC137).

This standard was drafted. China Shipbuilding Industry Comprehensive Technology and Economic Research Institute.

1 Scope

This standard provides methods for handling waste and cargo residues from ships when unloading and onshore management. Port reception

The provision, operation and use of PRFs are intrinsically linked. This standard covers the design, operation and management of PRFs. Designed for this standard

Ports and terminals for existing PRFs are designed to improve their systems; they can also be used in new ports and terminals where PRFs are being developed.

The parties to the International Convention for the Prevention of Pollution from Ships (MARPOL) are responsible for ensuring the ports provided by their ports and terminals.

Receiving facilities (PRFs) are sufficient to meet ship requirements without causing undue delays. In addition to the requirements of the receiving facility, MARPOL

It does not limit the management of ships that discharge waste and cargo residues at ports and terminals, but ports and terminals may need to consider countries and regions.

And local regulations. When these regulations may exceed MARPOL's scope, the International Maritime Organization (IMO) will unload at ports and terminals.

Identification of the necessity of ship management of waste and cargo residues as part of environmental protection management measures to avoid,

Reduce and eliminate pollution caused by ships.

This standard applies to the management of waste and cargo residues specified by MARPOL at the port and terminal, including

Develop various rules and issues to be considered during the Port Waste Management Plan (PWMP), PWMP implementation, and PRF operations. PRF

Any operation should be determined by rules and procedures in the PWMP. The PRF operating procedure should be tightly integrated with the development of the PWMP.

This standard specifies the relevant rules and matters in the following aspects.

---Development of port waste management strategies;

---PRF design and operation;

---The development, implementation and implementation of PWMP;

---PRF management and responsibility.

This standard applies to ports and terminals of any size. This standard does not specify the size or location of the PRF in each port, but

Provides relevant principles to consider and can be applied to ports or terminals of any size or type (eg marina, fishing port, container terminal,

Oil terminals, ro-ro ship terminals, cruise terminals, ferry terminals, bulk or general cargo loading docks, ship repair or recycling facilities, offshore terminals, etc.).

This standard can also be applied to inland ports, small boat terminals and ports where PRFs are configured according to regional settings.

2 Normative references

There is no content in this chapter.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Receiving ability adequacy

The PRF can meet the needs of the ship's normal port of call, does not hinder the use of the ship, does not cause undue delay, and helps protect the environment.

ability.