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

GB/T 23429-2009

**Ships and marine technology -- Guidelines for implementation
of a fleet management system network**

船舶和海上技术 船队管理系统网络实施导则

(English Translation)

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Foreword

This standard is equivalent to using ISO 15849:2001 "Ships and marine technology fleet management system network Implementing Guide" (English version), including His amendment ISO 15849:2001/Amd1.2003.

This standard is equivalent translation ISO 15849:2001.

For ease of use, this standard made the following editorial changes.

- "This International Standard" be replaced by "this standard";
- Remove the foreword and introduction of international standards;
- Remove the amendment ISO 15849:2001/Amd1.2003 Foreword and Introduction;
- The amendment ISO 15849:2001/Amd1. the increase in 2003 informative appendix A, according to GB/T 1.1 format prescribed series Row between standard text and reference.

Appendix A of this standard is the data appendix.

The standard proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee Marine Boats (SAC/TC12) centralized.

This standard was drafted. Technical and Economic Research Institute of China Shipbuilding Industry.

1 Scope

This standard shipowners and fleet management system (FMS) operator selection and implementation of network management services to provide an overview and guidance, including.

- a) general guidelines for infrastructure, including broadband networks, data transmission services;
- b) the installation guide on board, including the application of service;
- c) land-based installation guide, including application, database tools.

This standard does not address the requirements of safety-related systems, such as navigation, radio communication and ship control systems.

This standard does not address the environmental factors associated with FMS.

2 Terms and definitions

The following terms and definitions apply to this standard.

The computer program, and the implementation of a control program related rather than the computer itself functions related tasks.

A software tool, mainly as a link between the application and the network of other software modules can also be provided for other components of the network connection.

Based application designed test does not need to understand the structure of its internal procedures.

Formal approval official authorization process on the receiving ship's receiving system, and related management data storage, transmission, operation or control.

Commercial database management system for storing all key vessel operations and configuration information.

, Provides the client with access to these services to share data by a computer-based servers to manage shared resources.

A functional unit that consists of one or more computers and related software configuration, all or part of the program as well as all or part of the implementation process Sequence data necessary for the provision of public memory.

Inherent capacity of the system, in a limited number of hardware or software error occurs, ensure continued system uptime.

GB/T 23429-2009/ISO 15849:2001