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

GB/T 16558.6-2009

Replacing GB/T 16558.6-1996

**The ship maintenance system - Part 6: The management of
implementation cycle for maintenance plan**

船舶维修保养体系 第6部分：系统流程及运行管理方法

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Foreword

GB/T 16558 "ship maintenance system" is divided into seven parts.

- Part 1. General;
- Part 2. The ship maintenance system codes;
- Part 3. Classification ship maintenance, periodic codes and cycle tolerance;
- Part 4. Equipment cards, work card format and initialization requirements;
- Part 5. work cards first row and operational requirements;
- Part 6. running system processes and management methods;
- Part 7. report format. This part of GB/T 16558 Part 6. This Part replaces GB/T 16558.6-1996 "The ship maintenance system of the ship maintenance plan business processes and management practices." this Section compared with the GB/T 16558.6-1996, the main changes are as follows:
 - Increasing the scope of ship and offshore installations (see Chapter 1);
 - Increase the main functions CWBT management information systems, business processes and systems for data exchange between ship and shore, and stresses the ship set Equipment repair and maintenance work associated with compliance requirements, ship inspection, quality and safety management systems between (see Chapter 3 to Chapter 6);
 - Deleted the original Chapters 3 and 4 regulations and requirements for manual plate inserted Management. This part is proposed by the Ministry of Transport of the People's Republic of China. This part of the jurisdiction of the Ministry of Transport of the People's Republic of China Maritime Safety Administration. This section drafted by: China Ocean Shipping (Group) Corporation, Shanghai Maritime University, China Classification Society, Academy of Transportation Sciences. The main drafters of this section. high Zhicheng, Hu Wangming, Cai Hong, Liu Na, Zheng Shijun. This part of the standard replaces the previous editions are.

--- GB/T 16558.6-1996. The ship maintenance system Part 6. running system processes and management methods

1 Scope

GB/T 16558.6-2009 is the Chinese national standard on the ship maintenance system - part 6: the management of implementation cycle for maintenance plan, in the field of shipbuilding and marine structures. 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 31 March 2009 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 November 2009. Classification: ICS 47.020, CCS R30. 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 GB/T 16558 specifies the main functions of ship maintenance system (CWBT) management information systems, business processes, management Management practices and information data exchange. This section applies to ocean, coastal, river transport ship management. Engineering vessels, ship management and marine facilities will be implemented by reference.

2 Normative references

The following documents contain provisions which, through reference

GB/T 16558 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 16558.3 \u200b\u200bship maintenance system - Part 3. Ship maintenance grading period codes and tolerance period

GB/T 16558.5 ship maintenance system - Part 5. work cards in the first row and operational requirements

3 CWBT Management Information System The main function

3.1 System components CWBT management information system into the ship and shore-based version version, were used as shore-based ship management sector and the

end of the ship equipment maintenance tube Management. Ship-shore data on a regular basis for data exchange between ship and shore data server via Inmarsat communication (or other effective means of communication), Consistency and resource sharing data between ship and shore. Ships Version technology management, security, control-oriented, focusing on a variety of marine equipment maintenance and repair, inspection, testing arrangements and process engineering Control, and to provide information and data needed for decision-making for the various shore-based management information system. Shore-based version focusing on the jurisdiction of the ship management and ship maintenance inspection project supervision and guidance, and ship maintenance Monitor the implementation process and provide decision basis for decision-making.

3.2 System Function On request CWBT standards and work, the main function of the establishment of CWBT management information systems.

- a) Basic information. which contains marine equipment information, job information, device management counters, spare parts information and technical documentation;
- b) work card information. card which contains the work schedule, reports, annual planning, emergency equipment and routine maintenance work cards first row;
- c) work cards History. provide ships, department, equipment, work done by competent historical inquiry and statistics, and on-demand output-related reports;
- d) Risk management. maintenance work carried out prior risk assessment and identification, according to the level of risk control measures and put forward plans and report Shore for approval;
- e) inspection management. which contains Chuanjian project management, inspection and process management, testing and inspection history query annotation tracking processing, test tube Options can manage ship inspection ship cycle test (CMS) or Marine Machinery Planned Maintenance System (PMS);
- f) Statistical analysis. statistical analysis of the daily operation, monitoring and decision-making. CWBT MIS functions shown in Figure 1.