

ICS 47.020.70
CCS U 65



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

GB/T 25013-2010

**Ships and marine technology -- Night vision equipment for
high-speed craft -- Operational and performance requirements,
methods of testing and required test results**

船舶和海上技术 高速船夜视仪 操作与性能要求、试验方法和要求的试验结果

(English Translation)

Issued on: September 2, 2010

Implemented on: December 1, 2010

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

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Foreword

This standard is equivalent to ISO 16273.:2003 "ship and maritime technology high-speed night vision device operation and performance requirements, test methods and the required test results "(in English).

This standard is equivalent to ISO 16273.:2003.

For ease of use, this standard has been modified as follows.

- Chapter 1, "All IMOMSC.94 (72) referenced in italics in all texts of this International Standard, and in brackets Identify the number of the resolution number and paragraph. "To" all references to IMOMSC.94 in this standard are enclosed in brackets Know the resolution number and its chapter number.

- the word "international standard" is changed to "this standard";

--- use the decimal point '.' Instead of the comma as a decimal point ',';

- preface to the deletion of international standards;

--- The way of presentation is modified according to GB/T 1.1-2000.

Appendix A, Appendix B and Appendix C of this standard are informative.

This standard is proposed by China Shipbuilding Industry Corporation.

This standard is under the jurisdiction of SAC/TC12/SC5, National Maritime Equipment Subcommittee.

The drafting unit of this standard. China Shipbuilding Industry Comprehensive Technical and Economic Research Institute.

1 Scope

This standard applies to the installation and performance requirements of night vision devices installed on high speed ships and their test methods. High speed crafts are subject to IMO (HSC Code) Chapter 13, and high-speed vessel night viewers shall comply with the performance of IMO MSC.94 (72) standard.

All references to IMOMSC.94 (72) in this standard identify the resolution number and its chapter number in square brackets.

With the development of night vision system performance data, it is expected that the performance requirements and test procedures will soon be reviewed.

2 Normative reference documents

The terms of the following documents are hereby incorporated by reference into this standard. Whichever is the date of the reference file, which is followed by all (Excluding corrigenda) or revisions do not apply to this standard, however, encourage the parties to reach an agreement under this standard Whether you can use the latest version of these files. For undated references, the latest edition applies to this standard.

IEC 61162 maritime navigation and radiocommunication equipment and system digital interface
IEC 60945 Maritime navigation and radiocommunication equipment and systems General requirements Test methods and required test results
IMO A.694 (17) Resolution As a component of the Global Maritime Distress and Safety System (GMDSS), marine radio equipment and electrical General requirements for submarine navigation facilities
IMOMSC.94 (72) Resolution High Speed Boat Night Vision Performance Standard
HSC Rules International High Speed Craft Safety Regulations STANAG4349 (MAS/186 - land/4349, June 19, 1996)

3 Terms and definitions

The following terms and definitions apply to this standard.

Night view of nightvisionequipment it is possible to detect the shape of the object on the water surface and any technical positioning device relative to the position of the ship at night.

[IMOMSC.94 (72) Resolution 4] 3.2 High speed boat highspeedcraft Comply with any ship defined in Chapter 1 of the International Safety Rules for High Speed Crafts.

[IMOMSC.94 (72) Resolution 4] 3.3 Sailing test test target testtargetforseatrail Simulated on the sea can be found in the actual dangerous surface objects, for example, no light boat, floating logs, oil drums, containers, floating Standard ice, harmful waves and whales.

[IMOMSC.94 (72) Resolution 4]