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中国船级社  
CHINA CLASSIFICATION SOCIETY

证书格式号/Form: T01.01-  
FS000009

# 型式认可证书 CERTIFICATE OF TYPE APPROVAL

证书编号/Certificate No. DB08T00059\_02

兹证明本证书所述制造厂生产的下列产品能够满足下面列明认可标准的要求。

This is to certify that the following products produced by the manufacturer stated in the certificate can meet the requirements of the approval standards listed below.

### 认可产品/Product Approved

NAVTEX 接收机  
NAVTEX RECEIVER

### 制造厂/Manufacturer

Japan Marina Co., Ltd.

Japan Marina Co.,Ltd.

36-2-1001, Udagawa-Cho, Shibuya-Ku, Tokyo, Japan

36-2-1001, Udagawa-Cho, Shibuya-Ku, Tokyo, Japan

### 认可标准/Approval Standard

1. IMO A.694(17), MSC.148(77)

2. IMO A.525(13)

IMO A.525(13)

3. 《国际航海船舶法定检验技术规则》(1999)及修改通报第4篇第4章

Chapter 4 of Part 4 of Technical Regulations for Statutory Surveys of Ships Engaged on International Voyages, 1999 and Amendments

证书有效期至/ This Certificate is valid until 2012年10月4日 / Oct. 4, 2012

发证机构 中国船级社大阪分社  
Issued by CCS Osaka Branch



签发日期 2008年10月5日  
Oct. 5, 2008

本证书根据中国船级社《钢质海船入级规范》及有关程序规定签发。关于本证书的有效性、适用范围及检验要求的说明。当本证书包括多页纸张时，则所有证书页为一个整体，必须同时使用。每一页证书均须由本社盖章方为有效。证书复印件无效。任何单位和个人均不应复制或擅自更改证书的任何部分。本认可证书不代表本社对个体产品质量的检验。有关各方对所持证书的真实性有疑问时，可以向本社检验机构咨询。  
This Certificate is issued pursuant to the Rules for Classification of Sea-going Steel Ships and related procedures of the Society. Refer to the back of the certificate for detailed requirements of the certificate. When the certificate consists of more than one page, all pages of the certificate are taken as a whole and are used simultaneously. No certificate page is valid without bearing the stamp of the Society and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. This approval certificate does not constitute the inspection of the Society about the quality of the unit/batch product. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.



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**产品明细/ Product Description**

NAVTEX 接收机/NAVTEX RECEIVER

型号/Model	: NT-1800
接收频率/Receiving frequency	: 518kHz, 490kHz, 4209.5kHz
接收类型/Type of reception	: F1B NAVTEX Broadcast
灵敏度/Sensitivity	: CER better than 4% at 1 $\mu$ V e.m.f. to coaxial input/50 $\Omega$
记忆容量/Memory Capacity	: 200 messages of each channel
显示单元/Display Unit	: 5.7 inch (diagonal) color TFT, QVGA (320X240 pixels)
电源/Power supply	: DC 11-40V

**批准的图纸和设计计算书/Approved Drawings and Design Calculations**

图纸批准号/ Drawings Approval No. : DB08A00240

**产品认可试验报告/Approval Test Report**

试验报告编号/Test Report No.	: Witness Test Report
试验报告日期/Test Report Date:	: 2008-09-24
试验单位/ Laboratory:	: -
试验单位地址/ Test Address:	: Japan Marina Co., Ltd. - 36-2-1001 Udagawa Cho, Shinbuya-ku, Tokyo

**产品适用范围/Application of the Product**

As per requirements of regulations stated on the front page of this certificate.

**认可保持条件/Maintenance Requirements of Approval**

认可证书有效期内, 如果出现可能导致本社取消认可的情况, 工厂应及时采取有效的纠正措施。  
Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。  
After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.



**认可后的产品检验方式/ Method of Inspection after Approval**

认可后检验方式定为：出厂检验。由本社检验人员在每件或每批产品处于完工阶段或出厂前，到工厂审查有关产品的质量记录，并对产品进行逐件或抽样检验，认为结果满意后在产品上加以本社检验标志，并颁发产品证书或签署等效证明文件。

The method of inspection before delivery is used for products after works approval. Upon completion or prior to the delivery of each piece or batch of products, the surveyor to the Society will go to the manufacturer to examine the quality records of the given product(s) and inspect them piece by piece or by sampling, brand the Society's inspection marking on the product(s) where the results are satisfactory and issue the product certificate or equivalent document.

**对于原材料和零部件的检验要求/ Inspection Requirements for Materials and Components**

**免责声明/Statement of Responsibility**

本社的认可不影响、替代与本社授权或检验无关的各方对上述工厂的认可和发证，并且不对与本社授权或检验无关的各方负责，不承担其未经应允而承认、接受本社认可所导致的法律和经济责任。

The approval of the Society does not affect and replace any approval and certification of the manufacturer by any parties that bear no relation with this Society's authorization or survey and therefore takes no responsibility for these parties. The Society does not undertake any legal and economic liabilities arising from accepting this Society's certificate without prior permission from this Society.

**其他/Others**

Compliance with IMO Resolution A 813(19), IEC 60945(2002), IEC 61097-6 (Ed. 2 2005-12), IEC 61162-1, IEC 61162-2

中国船级社大阪分社

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本证书正文完/ End of Text\*\*\*\*\*