



型式认可证书
CERTIFICATE OF TYPE APPROVAL

证书编号/Certificate No. PE08T00001_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

GPS 接收机

GPS RECEIVER

MX 510/MX512 Display & Keyboard

MX 510/MX512 Display & Keyboard

制造厂/ Manufacturer

NAVICO Inc.

NAVICO Inc.

23868 Hawthorne Blvd, Suite 201 Torrance, CA 90505, USA

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认可标准/ Approval Standard

- 1. IEC 60945(Ed.4), IEC 61108-1(Ed.2), IEC 61162-1(Ed.2)
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- 2. IMO MSC.112(73)
IMO MSC.112(73)
- 3. IMO A.819(19)
IMO A.819(19)

证书有效期至/ This Certificate is valid until

2013年4月7日 / Apr. 7, 2013

发证机构
Issued by

中国船级社澳大利亚办事处
CCS Australian Office



签发日期
Date

2009年4月7日
Apr. 7, 2009

本证书根据中国船级社规范及有关程序规定签发。关于证书的有关规定，请参照本证书背面的说明。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摘录、复制或仿造本证书的任何部分。本认可证书不代表本社对实物产品质量的最终确认。有关各方对所持证书的真实性有疑同时，可以向我社检验机构咨询。

This Certificate is issued pursuant to the Rules 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 pages 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 anyform. This approval certificate does not constitute the final confirmation of the Society about the quality of the actual product. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.



产品明细/Product Description

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

图纸批准号/ Drawings Approval No. : HK08A00002
 批准图纸或技术文件编号 :
 文件名称 : -
 Description: : General Configuration Plans
 批准图纸或技术文件编号 :
 文件名称 : -
 Description: : Electrical Block Diagram
 批准图纸或技术文件编号 :
 文件名称 : -
 Description: : Specifications

产品认可试验报告/Approval Test Report

试验报告编号/Test Report No. : G04047S1
 试验报告日期/Test Report Date : 2007-04-04
 试验单位/ Laboratory : -
 试验单位地址/ Test Address : Global Testing
 试验报告编号/Test Report No. : 4183 Riverview Drive, Riverside, CA 92509, USA
 试验报告日期/Test Report Date : C70220K1
 试验单位/ Laboratory : 2007-03-16
 试验单位地址/ Test Address : -
 试验报告编号/Test Report No. : Compatible Electronics
 试验报告日期/Test Report Date : 19121 EL Road, Lake Forest, California, 92676, USA
 试验单位/ Laboratory : OC18765-0213534
 试验单位地址/ Test Address : 2007-04-02
 试验报告编号/Test Report No. : Environment Association Inc.
 试验报告日期/Test Report Date : -
 试验单位/ Laboratory : 2300 West Cape Cod Way Santa Ana, CA 92703
 试验单位地址/ Test Address : -

产品适用范围/Application of the Product

MARINE

认可保持条件/ Maintenance Requirements of Approval

1. 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.

2. 工厂的专业质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The professional quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 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 approval, the manufacturer should take corrective actions in a prompt and effective manner.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

认可后的产品检验方式/ Method of product inspection after approval

按照规范逐件检验的产品/The product inspected one by one in term of the rules:

认可后的产品检验应由本社验船师根据本社规范规定逐件按批准的产品检验计划进行检验, 经检验合格后由本社颁发

产品证书。

After approval, product inspection should be carried out one by one by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Product Certificate will be issued by the Society upon satisfactory inspection.

其他/ Others

1. Components necessary for operation:

Control - Display Unit : MX510 / MX 512

GPS Smart Antenna : MX421, MX421B, MX521A, MX525A, MX575A

Application Software : Version 3.0

2. The Control - Display Unit MX510/MX 512 were produced by the subcontractor of Navico Inc.:

GPC Electronics (New Zealand) Ltd.

10 Sonter Road, Christchurch, New Zealand

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*****本证书正文完/ End of Text*****