



中国船级社
CHINA CLASSIFICATION SOCIETY

证书格式号/Form: T01.00-
GZ000095

型式认可证书
CERTIFICATE OF TYPE APPROVAL

证书编号/Certificate No. LD07T00010

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

船用雷达
MARINE RADAR

制造厂/Manufacturer

KELVIN HUGHES LTD

KELVIN HUGHES LTD

NEW NORTH ROAD, HAINAULT, ILFORD, ESSEX, IG6 2UR
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认可标准/Approval Standard

1. IMO MSC64(67)
IMO MSC64(67)
2. IMO A.694(17)
IMO A.694(17)
3. IMO A.823(19)
IMO A.823(19)
4. IEC60945
IEC60945
5. IEC60936-1
IEC60936-1

—注：其它标准见其它/others—

证书有效期至/This Certificate is valid until

2011年6月11日 / Jun. 11, 2011

发证机构
Issued by 中国船级社伦敦办事处
CCS London Office



签发日期
Date 2007年6月12日
Jun. 12, 2007

本证书依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见证书背面的说明。当本证书有多页纸张时，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仿造本证书。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问时，可向本社检验机构咨询。
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 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 imitated by anyone. 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.



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产品说明/Product Description
船用雷达/MARINE RADAR

型号/Model : MANTA 1700/2000/2300;
NUCLEUS 3 5000 Series ;
NUCLEUS 3 6000 Series

系统组成/The system Consisting of : Display;
X-band & S-band ;
Interswitch;
Antenna

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

图纸批准号/ Drawings Approval No. : LDA02420003

产品认可试验报告/Approval Test Report

试验报告编号/Test Report No. : BSH/6542/080238/2002/S3330
试验报告日期/Test Report Date: :
试验单位/ Laboratory: : Federal Maritime and Hydrographic Agency(BSH)
试验单位地址/ Test Address: : -

试验报告编号/Test Report No. : BSH/6542/080296/2003/S3330
试验报告日期/Test Report Date: :
试验单位/ Laboratory: : -
Federal Maritime and Hydrographic Agency(BSH)
试验单位地址/ Test Address: : -

试验报告编号/Test Report No. : BSH/6542/080318/2003/S3330
试验报告日期/Test Report Date: :
试验单位/ Laboratory: : -
Federal Maritime and Hydrographic Agency(BSH)
试验单位地址/ Test Address: : -

试验报告编号/Test Report No. : QinetiQ/SE/SPS/MATS/R/TT23/03LPA
试验报告日期/Test Report Date: :
试验单位/ Laboratory: : -
QinetiQ
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

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本社审批, 并在本社认为必要时, 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 performance index of the product are changed and exceed the scope of approval, relevant drawings and documents are to be reviewed and approved by the Society. Where deemed necessary by the Society, the surveyor to the Society will 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 product inspection after approval

产品认可后的单件/单批检验应由本社验船师按批准的产品检验计划进行, 经检验合格后由本社颁发产品证书。
After product approval, UNIT/BATCH INSPECTIONS should be carried out 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

—本证书由原型式认可证书HBT01420008换证。

其它标准/Other Standard

6. IEC 60936-2
IEC 60936-2



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7. IEC 60936-3
IEC 60936-3

8. IEC60872-1
IEC60872-1

9. IEC 60872-2
IEC 60872-2

10. IEC 60872-3
IEC 60872-3

中国船级社伦敦办事处

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