



TYPE APPROVAL CERTIFICATE

형 식 승 인 증 서

Certificate No. : LDN04977-AC085 **Date of Approval** : 20th May, 2008.
Product : Switch & Hub for Marine Computer
Manufacturer : Mariner Systems (UK) Limited.
Oaklands Park, Wokingham, Berkshire, RG41 2FD, UK

Product Description : HP ProCurve Switch 1400 & 1700 series with the Mariner Kit MS650 & MS660.

- Model :
 - 1) 1400-8G & 1700-8 with MS650 kit : 8 RJ-45 ports
 - 2) 1400-24G & 1700-24 with MS660 kit : 22 RJ-45 ports
+ 2 dual-personality ports
- Power Supply : AC 110 - 240 V, 50~60 Hz

* Remark : The HP ProCurve Switch 1400 & 1700 must be used in conjunction with one of the Mariner Kit MS650 & MS660.

Approval Condition : 1. This approval is granted on the basis of the environmental test report File No. TL1200.
2. The product or packing is to be marked with manufacturer name and type designation on a suitable position.
3. Individual Product Certification is not required.

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 19th May, 2013.
Issued at Daejeon, Korea on 20th May, 2008.



한국선급
KOREAN REGISTER OF SHIPPING

Lee Woon-ho

General Manager of
Materials and Equipment Team

Note : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey.
2 : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.