"Steer the right course with Mariner Systems"
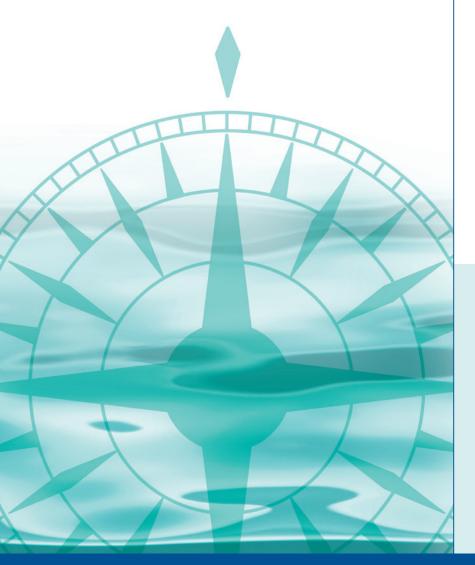
MARINER SYSTEMS

Since its incorporation in 1997 Mariner Systems (UK) Ltd has continued to be a world leader in the design, manufacture and supply of marine type approved computer systems to the commercial maritime market.

Originally developed within Hewlett-Packard in the mid 1980's, the Mariner system concept was transferred to Mariner Systems (UK) Ltd in order to further develop the business. A subsequent and continual programme of new product introductions has resulted in an extensive product range which to this day still incorporates Hewlett-Packard technology.

HISTORY

Mid 1980's	Mariner system concept developed within Hewlett-Packard
1997	Mariner Systems established to provide a more extensive range of products to meet the growing requirements of the maritime market
2001	Test Laboratory opened in Spennymoor, County Durham
2003	Mariner Systems achieves ISO 9001:2000 accreditation
2009	Test Laboratory relocated to larger premises in Newton Aycliffe, County Durham to extend the range of environmental & EMC testing available to customers
2009	Mariner Systems achieves ISO 9001:2008 accreditation
2010	Test Laboratory (MS Testing) achieves UKAS accreditation
2015	Mariner kit unit sales reach record levels
2017	Mariner Systems celebrates 20 years of serving the maritime industry as an independant company
2017	Mariner Systems launches the A-line industrial monitor series to complement its range of Hewlett-Packard based solutions

hp Silver Partner

Every Mariner system is tested against the consolidated, 'worst-case' requirements of the following major marine Classification Societies:

ABS, BV, CCS, DNV GL, KR, LR, NKK, PRS, RINA

Tests included on the test programme are as follows:

> Vibration, Shock, Static and Dynamic Inclination

> Dry & Damp Heat, Low Temperature

> Acoustic Noise, Compass Safe Distance

> High Voltage, Power Supply Variation & Power Supply Failure

> Conducted LF & RF, Electromagnetic Field

> Radiated & Conducted Emissions, Electrostatic Discharge

> Insulation Resistance, Burst / Fast Transients

> Surge Immunity, Access to Dangerous Voltages

"Proven solutions for a demanding environment"

MARINER SYSTEMS

What is a Mariner system?

A Mariner system is a type approved combination of computer hardware and our Mariner kit designed to support navigation, loading, control and general purpose applications on-board vessels. All Mariner systems are designed to operate in semi-controlled environments, eg. bridge, operations room etc. The hardware is type approved ONLY when used in conjunction with the correct Mariner kit.

The Mariner kit is a simple external mechanical assembly that needs no modifications to be made to the computer hardware. A number of Mariner kits also incorporate an in-line power filter. The installation of your Mariner kit should take no longer than 10 minutes.

Which marine Classification Societies approve Mariner systems?

Mariner Systems (UK) Ltd. deal with all of the major marine Classification Societies in order to obtain their type approval certificates, namely:

American Bureau of Shipping (ABS), Bureau Veritas (BV), China Classification Society (CCS), DNV GL Group (DNV GL), Korean Register (KR), Lloyd's Register (LR), ClassNK (NK), Polski Rejestr Statkow (PRS) and Registro Italiano Navale (RINA).

What standards are they tested against?

The marine type approval testing schedule against which we submit our Mariner systems is a consolidated worst-case requirement of all of these Classification Societies. The schedule is based on IACS Unified Requirement E10 and the relevant sections of IEC 60945.

Can I buy my own hardware locally?

YES. Our customers often buy their required hardware locally and then purchase the Mariner kits direct from us. However, we are happy to act as a "one stop shop" and provide you with a quote for the supply of complete packages including the hardware and Mariner kit if you prefer.

What are the delivery timescales for Mariner kits?

We try to hold a limited number of Mariner kits in stock at all times. However, if we are unable to fulfil your order ex-stock the MAXIMUM delivery lead-time is usually 3 to 4 weeks from receipt of your order confirmation.

What warranties are available?

Mariner Kits – All Mariner kits have a three year warranty from the date of purchase and will be replaced FREE OF CHARGE by Mariner Systems (UK) Ltd. should you experience any problem with your Mariner kit during this period.

Hardware – The standard manufacturer's warranty conditions apply to the hardware. Hewlett-Packard offers unrivalled worldwide warranty support - please visit their website www.hp.com for more details.

MAJOR CUSTOMERS / END USERS

- ◆ ABB Group
- ◆ Autronica Fire & Security AS
- ◆ CLS-Engineering Oy
- ◆ Daewoo Shipbuilding & Marine Engineering Co. Ltd
- ◆ Doosan Engine Co. Ltd
- ◆ Flemming Automationstechnik GmbH
- ◆ GE Energy
- ◆ Hitachi Zosen Corporation
- ◆ Høglund Marine Automasjon AS
- ◆ Honeywell Group
- ◆ Hyundai Heavy Industries Co. Ltd
- ◆ INTERSCHALT maritime systems AG
- ◆ Japan Radio Co. Ltd
- ◆ Kockum Sonics
- ◆ Kongsberg Maritime AS
- ◆ KROHNE Marine
- ◆ MAN Diesel & Turbo
- ◆ Marorka
- ◆ Mitsui Engineering Shipbilding Co. Ltd
- ◆ Napa Ltd
- ◆ Nordic Group Ltd
- ◆ Pleiger Elektronik
- ◆ Rosemount Tank Radar AB
- ◆ Samsung Heavy Industries Co. Ltd
- ◆ STX Heavy Industries Co. Ltd
- ◆ Ulstein Group
- ◆ Vard Electro AS
- ◆ Veinland GmbH
- ◆ Wärtsilä Group
- ◆ Yokogawa Group

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