



TYPE APPROVAL CERTIFICATE
No. ELE100710XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Personal computer
<i>Type</i>	Hewlett Packard Z400 Workstation USED IN CONJUNCTION WITH MARINER KIT MS3010 MS3020
<i>Applicant</i>	MARINER SYSTEMS UK LTD OAKLANDS PARK WOKINGHAM BERKSHIRE RG41 2FD UNITED KINGDOM
<i>Manufacturer</i>	HEWLETT PACKARD
<i>Place of manufacture</i>	20555 SH249 HOUSTON, TX 77070 UNITED STATES OF AMERICA
<i>Reference standards</i>	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.

Issued in **Hamburg** on **September 14, 2010**. *This Certificate is valid until* **September 13, 2015**

RINA

Daniele Chirulli

This certificate consists of this page and 1 enclosure



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Hewlett Packard Z400 Workstation

Product description:

- HP Z400 Workstation with component options according File:
HP Z400 - Components - 07 April 2009.
- Additional technical data: According to "QuickSpecks DA-13276.

Mariner Kits used in conjunction with HP Z400 Workstation:

- MS3010 - Desktop configuration
- MS3020 - Minitower configuration

Reference documents :

- Quick Specs DA - 13276 - Worldwide - Version 1 - March 30, 2009
- Mariner Assembly Dwg. No. MS3010_A Desktop Configuration
- Mariner Assembly Dwg. No. MS3020_A Minitower Configuration
- Test File No. TL 1313
- Mariner System (UK) Ltd., Marine Test Requirements based on IACS Uniried Requirement E10 & IEC60945

Test Report :

- MARINER SYSTEMS (UK) Ltd, Test File No. TL1313 dated 18 - June 2009

Comment:

- Each particular application is to be specially approved.

Hamburg September 14, 2010

