



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

**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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**Enclosure - Page 1 of 1**  
**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

