



**TYPE APPROVAL CERTIFICATE**  
No. **ELE045113XG**

**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 Z420 Workstation USED IN CONJUNCTION WITH MARINER KIT MS3030 / MS3040</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 **April 22, 2013**. *This Certificate is valid until* **April 22, 2018**



RINA

**Giuseppe Russo**

This certificate consists of this page and 1 enclosure



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**Enclosure - Page 1 of 1**  
**Hewlett Packard Z420 Workstation**

**Product description:**

- HP Z420 Workstation with component options according to file:  
"HPZ420-Components-Mar2013.docx"
- Additional technical data: According to "Z420 QuickSpec v.14.pdf"

**Mariner Kits used in conjunction with HP Z420 Workstation:**

- MS3030 - Desktop configuration
- MS3040 - Minitower configuration

**Reference documents :**

- Quick Specs DA - 14261 Version 14 - Jan 15, 2013
- Mariner Assembly Dwg. No. MS3030\_A\_1.pdf (Desktop Configuration)
- Mariner Assembly Dwg. No. MS3040\_A\_1.pdf (Minitower Configuration)
- UKAS Schedule of Accreditation Iss 13, Feb 25, 2013
- Mariner System (UK) Ltd., Marine Test Requirements based on IACS Unified Requirement E10 & IEC60945
- BS EN ISO 9001-2008, Jan 09, 2013

**Test Reports :**

- MARINER SYSTEMS (UK) Ltd, Test Files No.:  
TL13011-EMC HP Z420 Workstation.pdf (Mar 7, 2013)  
TL13011-ENV HP Z420 Workstation.pdf (Mar 11, 2013)  
TL13012-EMC HP Z420 Workstation.pdf (Mar 7, 2013)  
TL13013-ENV HP Z420 Workstation.pdf (Mar 11, 2013)

**Comment:**

- Each particular application is to be specially approved.

Hamburg April 22, 2013



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