

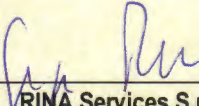


TYPE APPROVAL CERTIFICATE
No. **ELE103815XG**

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>	HP Z440 Workstation USED IN CONJUNCTION WITH MARINER KIT MS3050 / MS3060
<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 **August 3, 2015**. *This Certificate is valid until* **August 3, 2020**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. ELE103815XG

Enclosure - Page 1 of 1

HP Z440 Workstation

Product description:

- HP Z440 Workstation with component options according to file:
"HPZ440-Components-Jun2015.pdf"
- Additional technical data: According to "Z440 QuickSpec v.8.pdf"

Mariner Kits used in conjunction with HP Z440 Workstation:

- MS3050 - Desktop configuration
- MS3060 - Tower configuration

Reference documents :

- Z440 QuickSpec v8; c04400038 — DA - 15098 Worldwide — Version 8 — May 1, 2015
- Mariner Assembly Dwg. No. MS3050_A (Desktop Configuration)
- Mariner Assembly Dwg. No. MS3060_A (Tower Configuration)
- UKAS Schedule of Accreditation Iss 15, 6.Nov. 2014
- 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.:
TL15039 HP Z440 Workstation Unit B.pdf (22. May 2015)
TL15041 HP Z440 Workstation Unit A.pdf (22. May 2015)
TL15042 HP Z440 Workstation. Unit C.pdf (26. May 2015)

Comment:

- Each particular application is to be specially approved.

Hamburg August 3, 2015



A handwritten signature in blue ink, appearing to be "J. M. Rina", is written to the right of the RINA logo.