



TYPE APPROVAL CERTIFICATE
No. ELE100910XG

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>	TFT Industrial flat panel monitor
<i>Type</i>	HP LA1951g 19-inch TFT Monitor USED IN CONJUNCTION WITH MARINER KIT MS1080 MS1085 & MS1090
<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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HP LA1951g 19-inch TFT Monitor

Technical Data of HP LA1951g 19-inch TFT Monitor:

Power supply: 100...240 VAC; 50 +/- 3Hz to 60 +/- 3Hz

Power consumption: 32 watts

Power saving mode: < 2 watts stand by , < 1 watt off

Additional datas: See Quick Spec DA - 13442

Monitor Mariner kits for use with HP LA1951g 19-inch TFT Monitor:

MS1080 : HP LA1951g 19" TFT Monitor (Desk Mount Configuration)

MS1085 : HP LA1951g 19" TFT Monitor (Wall Mount Configuration)

MS1090 : HP LA1951g 19" TFT Monitor (Console Mount Configuration)

Reference documents :

- Quick Specs DA - 13442 - Worldwide - Version 2 - October 6, 2009
- Mariner Assembly Dwg No. MS1080_A Desk Mount Option
- Mariner Assembly Dwg No. MS1085_A Wall Mount Option
- Mariner Assembly Dwg No. MS1090_A Console Mount
- Test File No. TL 1348
- Mariner System (UK) Ltd., Marine Test Requirements based on IACS Uniried Requirement E10 & IEC60945

Test Report :

- MARINER SYSTEMS (UK) Ltd, Test File No. TL1348 dated 12 - December 2009

Comment:

- Each particular application is to be specially approved.

Hamburg September 14, 2010



A handwritten signature in blue ink, appearing to read 'Roberto Pelli'.