



**TYPE APPROVAL CERTIFICATE**  
**No. ELE101010XG**

**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>TFT Industrial flat panel monitor</b>
<i>Type</i>	<b>HP LA1905wg 19-inch Widescreen TFT Monitor USED IN CONJUNCTION WITH MARINER KIT MS1210 MS1215 &amp; MS1220</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**  
**HP LA1905wg 19-inch Widescreen TFT Monitor**

**Technical Data of HP LA1905wg 19-inch Widescreen TFT Monitor:**

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

Power consumption: 26 watts

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

Additional datas: See Quick Spec DA - 13441

**Monitor Mariner kits for use with HP LA1905wg 19-inch TFT Monitor:**

MS1210 : HP LA1905wg 19" Widescreen TFT Monitor (Desk Mount Configuration)

MS1215 : HP LA1905wg 19" Widescreen TFT Monitor (Wall Mount Configuration)

MS1220: HP LA1905wg 19" Widescreen TFT Monitor (Console Mount Configuration)

**Reference documents :**

- Quick Specs DA - 13441- Worldwide - Version 4 - October 30, 2009
- Mariner Assembly Dwg No. MS1210\_A Desk Mount Option
- Mariner Assembly Dwg No. MS1215\_A Wall Mount Option
- Mariner Assembly Dwg No. MS1220\_A Console Mount
- Test File No. TL 1349
- Mariner System (UK) Ltd., Marine Test Requirements based on IACS Uniried Requirement E10 & IEC60945

**Test Report :**

- MARINER SYSTEMS (UK) Ltd, Test File No. TL1349 dated 12 - December 2009

**Comment:**

- Each particular application is to be specially approved.

Hamburg September 14, 2010

