

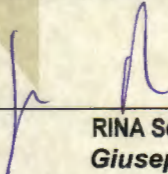


TYPE APPROVAL CERTIFICATE
No. ELE323119XG

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>	Colour Display IPS LED Backlit
<i>Type</i>	HP Elite Display E190i 19-inch LED Backlit IPS Monitor USED IN CONJUNCTION WITH MARINER KIT MS1170 MS1175 OR MS1180
<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 **November 26, 2019**. This Certificate is valid until **November 25, 2024**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE
No. ELE323119XG
Enclosure - Page 1 of 1
HP Elite Display E190i 19-inch LED Backlit IPS Monitor

Technical Data of HP Elite Display E190i 19-inch LED Backlit IPS Monitor:

Power supply: 100...240 VAC; 50 to 60 Hz
Power consumption: 25 Watts
Power saving mode: < 0,5 Watt
Additional data : See Quick Spec DA - 14806

Monitor Mariner kits for use with HP Elite Display E190i 19-inch LED Backlit IPS Monitor:

MS1170 : HP Elite Display E190i 19" LED Backlit IPS Monitor (Desk Mount Configuration)
MS1175 : HP Elite Display E190i 19" LED Backlit IPS Monitor (Wall Mount Configuration)
MS1180: HP Elite Display E190i 19" LED Backlit IPS Monitor (Console Mount Configuration)

Reference documents :

- Quick Specs DA - 14806 - Worldwide - Version 6 - March 27, 2014
- Mariner Assembly Dwg. No. MS1170_A_1 Desk Mount Option
- Mariner Assembly Dwg. No. MS1175_A_1 Wall Mount Option
- Mariner Assembly Dwg. No. MS1180_A_1 Console Mount
- Mariner System (UK) Ltd., Marine Test Requirements based on IACS Unified Requirement E10 & IEC60945
- Bureau Veritas Certificate BS EN ISO 9001:2008 No.004654
- Schedule of Accreditation by United Kingdom Accreditation Service for MS Testing, Issue No: 14, April 28th, 2014

Test Reports :

- MS Testing, Test Files No. TL14017 Issue 3 dated 4th October 2019.

Comment:

- Each particular application is to be specially approved.

Hamburg November 26, 2019

