



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Mariner Systems (Uk) Ltd
Address	Oaklands Park, Wokingham, RG41 2FD, United Kingdom
Type	Monitors
Description	Marine Monitor
Trade Name	HP Series 5 Pro 524pf FHD 23.8 Inch Monitor, HP Series 5 Pro 527pf FHD 27-inch Monitor
Application	Marine & Offshore in accordance with LR Test specification No 1 July 2024 for ENV categories ENV1, ENV2 & ENV3.
Specified Standard	IACS E10 + relevant sections of EN60945.
Ratings	Navigation, Control, Loading and General-Purpose Applications
Additional Tests	<u>HP Series 5 Pro 524pf FHD 23.8 Inch Monitor</u> IP2X Acoustic Noise 39.3db Powered Compass Safe Distance: 1 Degree Deflection 600mm 0.3 Degree Deflection 800mm Shock: 15g 11ms

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HP Series 5 Pro 527pf FHD 27-inch Monitor

IP2X
Acoustic Noise 29.2db Powered
Compass Safe Distance:
1 Degree Deflection 300mm
0.3 Degree Deflection 400mm
Shock:
15g 11ms

Other Conditions

HP Series 5 PRO 524pf must be installed in conjunction with Mariner Kit MS1830 (Desk), MS1835 (Wall) or MS1840 (Console Mount)

HP Series 5 Pro 527pf must be installed in conjunction with Mariner Kit MS1850 (Desk), MS1855 (Wall) or MS1860 (Console mount)

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR25374042TA

The Design Appraisal Document LR25374042TA-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.