



Confirmation of Product Type Approval

Company Name: MARINER SYSTEMS UK LTD

Address: OAKLANDS PARK WOKINGHAM RG41 2FD United Kingdom

Product: Mounting Devices for PCs and Monitors

Model(s): MS1830 (DESK MOUNT), MS1835 (WALL MOUNT), MS1840 (CONSOLE MOUNT)

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	25-0354773-PDA	23-SEP-2025	22-SEP-2030
Manufacturing Assessment (MA)	20-4451837	13-OCT-2020	04-NOV-2025
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

Intended Service

Mounting devices intended to be installed along with the HP Series 5 Pro 524pf 23.8 inch FHD Monitors for use on ABS Classed Vessels and Offshore Installations in accordance with the listed ABS Rules and International Standards.

Description

HP Series 5 Pro 524pf 23.8 inch FHD Monitors installed with MS1830 (desk), MS1835 (wall) or MS1840 (console mount)

Ratings

Voltage: 100-240VAC

Frequency: 50/60Hz

Operating temperature: 5~35°C

Service Restrictions

1. Unit Certification is not required for this product.
2. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly

Comments

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes, Drawings and Documentation

Drawing No. MS1830 Assembly Drawing, MS1830_A_1, Revision: 1, Pages: 1

Drawing No. MS1840 Assembly Drawing, MS1840_A_1, Revision: 1, Pages: 1

Drawing No. MS1835 Assembly Drawing, MS1835_A_1, Revision: 1, Pages: 1

Drawing No. Flame Retardant Test Report R21-5423 Mar 2021, Kiwa Electrical Compliance Laboratories, dated 03-March-2021, Revision: -, Pages: 9

Drawing No. TL25012 Test Report, TL25012 Mariner 524pf 23.8inch Monitor Type Approval Report, MS Testing, dated 23-April-2025, Revision: 1, Pages: 155

Drawing No. Marine Type Approval Test Requirements Issue 18, Marine Type Approval Test Requirements Issue 18, Revision: 1, Pages: 65

Drawing No. UKAS Schedule of Accreditation Issue 28, UKAS Schedule of Accreditation Iss 28 20 Dec 2024, Revision: 1, Pages: 10

Drawing No. Flame Retardancy Component Matrix HP Series 5 Pro 524pf FHD Monitor, Revision: -, Pages: 1

Drawing No. Mariner ISO 9001 certificate, MarinerISO9001-2015 Jan28, Revision: 1, Pages: 1

Drawing No. HP 524pf QuickSpec v.2, HP Series 5 Pro 524pf QuickSpec v.2, Revision: 1, Pages: 10

Drawing No. HP 524pf Declaration of Conformity, HP Series 5 Pro 524pf FHD 23.8 inch DoC, Revision: 1, Pages: 14

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 22/Sep/2030 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

ABS Rules

2025 Rules for Conditions of Classification- Marine Vessels Rules: 1-1-4/7.7, 1-1-A3, 1-1-A4 which covers the following:

2025 Rules for Building and Classing Marine Vessels: 4-8-3/1.7, 4-9-9/7, 4-9-9/13, 4-9-9/Table1;

2025 Rules for Conditions of Classification -Offshore Units and Structures: 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following:

2025 Rules for Building and Classing Offshore Unit: 4-1-1/7.9, 4-3-1/11, 6-1-1/9, 6-1-1/13

International Standards

IACS UR E10, Rev.8: 2022

IEC 60945: 2002 + Corr 2008

IEC 60092-504: 2016

EN 60335-1: 2012 + A14: 2019*(Annex E)

EN 60695-11-5: 2017

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

NA



A handwritten signature in black ink, appearing to read "Joseph W. Wilson".

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 24-Sep-2025 11:24

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.