



TYPE APPROVAL CERTIFICATE

Polish Register of Shipping certifies that the undernoted product type

MONITORS

HP E22 G5 FHD / E24 G5 FHD / E27 FHD G5

issued to

**Mariner Systems (UK) Ltd.
Oaklands Park, Wokingham
Berkshire RG41 2FD
United Kingdom**

is approved as complying with the requirements of the

PRS Rules and is suitable for use on board of Ships classified by PRS.

Certificate No. **TE/1107/883236/23**

Expiry date **2028-11-07**

Issued at

Gdańsk, 2023-11-08



C/020/59

Aleksander Łęgowski
Signature

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Continued overleaf

Technical Data

Panel Type:	Edge-lit IPS
Maximum Resolution:	FHD 1920 x 1080 @ 75 Hz, 16:9
Frequency:	30 to 86 kHz (Horizontal), 50 to 75 Hz (Vertical)
Input Power:	100 to 240 VAC, 50/60 Hz
Maximum Power Consumption:	50 W (E22 G5 FHD), 53 W (E24 G5 FHD), 50 W (E27 G5 FHD)
Mariner Kit:	The monitor must be used in conjunction with the Mariner Systems (UK) Ltd Kit:

Monitor Model	Mariner Kit
HP E22 G5 FHD 21.5-inch Monitor	MS1710 (Desk Mount) MS1715 (Wall Mount) MS1720 (Console Mount)
HP E24 G5 FHD 23.8-inch Monitor	MS1730 (Desk Mount) MS1735 (Wall Mount) MS1740 (Console Mount)
HP E27 G5 FHD 27-inch Monitor	MS1750 (Desk Mount) MS1755 (Wall Mount) MS1760 (Console Mount)

Basis of approval

1. The technical documentation approved by PRS on 2023.11.08.
2. The positive results of environmental tests carried out at MS Testing, Division of Mariner Systems (UK) Ltd. Test Reports No.: TL23061, TL23062 and TL23063 dated 2023.07.31.
3. The Quality Management System Certificate BS EN ISO 9001:2015 No. UK012770 issued by Bureau Veritas Certification with Expiration Date 2025.01.08
4. Survey reports Nos TM/SGi/01/23 dated 2023.11.08 and TM/SGi/01/21 dated 2021.05.25.

Additional conditions and remarks:

1. The condition for maintain validity of this Certificate is to maintain validity of A/M ISO 9001 Certificate.
2. Compass safe distance:
HP E22 G5 FHD – 800 mm (1 Degree Deflection) or 1200 mm (0.3 Degree Deflection);
HP E24 G5 FHD - 1100 mm (1 Degree Deflection) or 1600 mm (0.3 Degree Deflection);
HP E27 G5 FHD - 900 mm (1 Degree Deflection) or 1100 mm (0.3 Degree Deflection).
4. Each product is to be marked with Model No, Rated Voltage and Serial No.

Notes

- 1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
- 2 Changes of product design and materials which influence product quality are to be agreed with PRS.
- 3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

Polish Register of Shipping means Polski Rejestr Statków S.A., seated in Gdańsk, al. gen. Józefa Hallera 126, 80-416 Gdańsk, Poland, registered in the Register of Entrepreneurs of the National Court Register, under entry number 0000019880. Polish Register of Shipping, its affiliates and subsidiaries, their respective officers, employees or agents are, individually and collectively, referred to as Polish Register of Shipping or as PRS for short.

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