



# Polski Rejestr Statków

## TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product type

### WORKSTATION

**HP Z400**

Models: Refer to Mariner Systems website [www.marinersystems.com](http://www.marinersystems.com)

manufactured by

**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 or in appliances with PRS certificates.

Certificate No. TE/1817/883236/09

Expiry date 2014-07-09

Issued at

Gdańsk, 2009-07-10



*Madzia*  
Signature

Polski Rejestr Statków S.A.  
al. Gen. Józefa Hallera 126  
80-416 Gdańsk, Poland

Tel. +(48) 58 346 17 00  
Fax +(48) 58 346 03 92

e-mail: [mailbox@prs.pl](mailto:mailbox@prs.pl)  
www: <http://www.prs.pl/>

Continued overleaf

## Technical data

<b>Processor:</b>	Intel Xenon W3570 (3.20/1333/8M); Intel Xenon W3540 (2.93/1066/8M); Intel Xenon W3520 (2.66/1066/8M); Intel Xenon W3505 (2.53/1066/4M); Intel Xenon W3503 (2.40/1066/4M);
<b>Memory:</b>	16, 12, 8, 6, 4, 3, 2 or 1 GB DDR3-1333 ECC Unbuffered RAM;
<b>Hard Disk:</b>	500 GB SATA 3.0 Gb/s (7200 rpm); 250 GB SATA 3.0 Gb/s (7200 rpm); 160 GB SATA 3.0 Gb/s (7200 rpm); 146 GB SAS 3.0 Gb/s (7200 rpm);
<b>Graphics Card:</b>	NVIDIA Quadro NVS 290 256MB DH PCIe x16; NVIDIA Quadro FX 380 256MB PCIe x16; NVIDIA Quadro FX 1800 768MB PCIe x16; NVIDIA Quadro FX 4800 1,5GB PCIe x16

For a complete approved component list, refer to the relevant Mariner Systems Components Options list.

**Mariner Kit:** The workstation must be used in conjunction with the Mariner Kit MS3010 (Desktop configuration) or MS3020 (Minitower configuration).

## Basis of approval

1. The technical documentation approved by PRS on 2009-07-09.
2. The positive results of environmental tests carried out at the Environmental Test Laboratory of Mariner Systems (UK) Ltd - Test File No. TL1313 of 2009-06-18.
3. The inspection of the production process and quality control system carried out in September, 2004.

## Additional conditions and remarks

1. The workstation must be installed in air conditioned space.
2. All rights of Mariner Kit Producer reserved and unauthorised duplication prohibited.
3. Installation of the hardware without an original Mariner Kit will invalidate all rights to insurance and compensation.

## 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.

In carrying out survey activities Polski Rejestr Statków S.A. (PRS) makes efforts to ensure that they are conducted with conscientiousness and the principles of good practice, with due regard paid to the state-of-the-art technology. However, neither PRS nor its Surveyors shall bear any civil liability for damage, loss or expense which may arise in consequence or as the outcome of conducting these activities, or the result of information or advice given to the customer by PRS, irrespective of whether or not such were the result of neglect, error or lack of proper information. Nevertheless, should the customer prove that such damage, loss or expense was due to negligence on the part of the Society or its Surveyors, PRS will pay compensation to the customer for his loss up to but not exceeding the amount due for services provided, forming the basis of the customer's claim. In no cases will PRS be responsible for indirect losses (loss of prospective profits, loss of contract, inability to undertake activities, etc.) sustained by the customer and associated with the executing of a commission by PRS.