



Lloyd's
Register

Type Approval Certificate

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

This certificate is issued to:

PRODUCER	Mariner Systems (UK) Ltd. Oaklands Park, Wokingham, Berkshire, RG41 2FD United Kingdom (UK)
PLACE OF PRODUCTION	Hewlett Packard Company 20554 SH 249 Houston Texas, TX 77070 United States of America (USA)
DESCRIPTION	HP Z440 Workstation
APPLICATION	Marine applications in categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register Type Approval System Test Specification No. 1: 2013
ADDITIONAL TESTS	Low Temperature Test at -25°C Acoustic Noise Test to IEC 60945 - 39.8 dB at a distance of 1 metre Compass Safe Distance Test to IEC 60945 500mm at 1° deflection, 600mm at 0.3° deflection Shock Test to IEC 60068-27-2 15g
Certificate No.	15/00061
Issue Date	10 August 2015
Expiry Date	9 August 2020
Sheet	1 of 2

MTES Southampton Office
P.A. Huntley-Hawkins
Lloyd's Register EMEA
LR031.1.2013.12

P.A. Huntley-Hawkins
Marine Technology & Engineering Services, Southampton
Lloyd's Register EMEA

Lloyd's Register EMEA
Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

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OTHER CONDITIONS Must be used in conjunction with the appropriate Mariner Systems (UK) Ltd Kit MS3050 or MS3060

"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."

The Design Appraisal Document No. 15/00061 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 15/00061
Issue Date 10 August 2015
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Sheet 2 of 2



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