



## 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.

<b>Manufacturer</b>	<b>Mariner Systems (Uk) Ltd</b>
<b>Address</b>	Oaklands Park, Wokingham, RG41 2FD, United Kingdom
<b>Type</b>	Marine Computer
<b>Trade Name</b>	HP EliteDesk 8 G1i PC - Tower and Small Form Factor
<b>Application</b>	Marine and Offshore
<b>Specified Standard</b>	Marine use in environmental categories ENV1, ENV2 & ENV3 as described in LR Test Specification No1, 2024 IACS Unified Requirements E10 plus relevant sections of IEC 60945 IEC 60068-2-27 IEC 60529
<b>Ratings</b>	Supply Voltage: 230 Vac or 110 Vac at 50 Hz or 60 Hz Operating Temperature: -25°C to +55°C
<b>Additional Tests</b>	IEC 60945: Acoustic Noise 36.5 dB (Tower) / 36.6 dB (SFF) IEC 60945: Compass Safe Distance, 1 Degree Deflection: 500mm ; 0.3 Degree Deflection: 700mm IEC 60068-2-27: Shock 15g 11ms IEC 60529: Enclosure IP 2X Low Temperature: -25°C

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### Other Conditions

PC shall be installed with applicable Mariner Kit:  
HP EliteDesk 8 G1i Tower (horizontal orientation) - use MS2710  
HP EliteDesk 8 G1i Tower (vertical orientation) - use MS2720  
HP EliteDesk 8 G1i SFF (horizontal orientation) - use MS2730  
HP EliteDesk 8 G1i SFF (vertical orientation) - use MS2740

Power supply connection shall be made using in-line power filter type RF 1004-MST-C

No cyber security aspects have been formally considered under this approval and thus will be required where applicable during plan approval stage.

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 LR26161143TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.