RINA

TYPE APPROVAL CERTIFICATE
No. **ELE112421XG**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

Description	**Personal computer**
Type	**HP ELITE DESK 800 G6 PC Series**
	Used in Conjunction with Mariner Kit MS2610, MS2620, MS2630 or MS2640
Applicant	**MARINER SYSTEMS UK LTD**
	OAKLANDS PARK WOKINGHAM BERKSHIRE RG41 2FD UNITED KINGDOM
Manufacturer	**HEWLETT PACKARD**
Place of manufacture	**1501 Page Mill Road, Palo Alto, CA 94303**
	1112
	UNITED STATES OF AMERICA
Reference standards	**Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.**

Issued in **Hamburg** on **September 16, 2021**. *This Certificate is valid until* **September 15, 2026**

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

<u>Product description</u>:
The **HP EliteDesk 800 G6 PC** series are personal desk computer for marine environmental conditions in conjunction with Mariner Kits.

<u>Technical specification</u>:

Processor:
All processors up to and including Intel Core i7, Core i5, Core i3 or Intel Pentium with 3.7GHz (4.8GHz turbo), 16MB cache, 8 cores.

Memory:
Up to 128 GB DDR4-2666 DIMM
Intel Optane Memory 16 GB (cache)

Hard Disk:
- 2TB M.2 2280 PCIe NVMe TLC SSD
- 1TB M.2 2280 PCIe NVMe TLC SSD
- 512GB M.2 2280 PCIe NVMe TLC SSD
- 256GB M.2 2280 PCIe NVMe TLC SSD
- 512GB M.2 2280 PCIe NVMe SSD
- 256GB M.2 2280 PCIe NVMe SSD

- 2TB SATA-6G 3.5" (7200 rpm)
- 1TB SATA-6G 3.5" (7200 rpm)
- 500GB SATA-6G 3.5" (7200 rpm)
- 1TB SATA-6G 2.5" (7200 rpm)
- 500GB SATA 2.5" (7200 rpm)
- 500GB SATA 2.5" SED Opal 2 (7200 rpm)

Optical Drive:
- HP ODD 9.5mm DVD Writer
- HP ODD 9.5mm DVD-ROM

Graphics Card:
- AMD Radeon R7 430 2GB 2DP (PCIe x16)
- AMD Radeon RX 550X 4GB (PCIe x16)
- NVIDIA GeForce GT 730 2GB (PCIe x8)
- NVIDIA Quadro P400 2GB (PCIe x16)
- NVIDIA Quadro P620 2GB (PCIe x16)
- Intel HD Graphics (integrated)

Network Interface Card:
- Intel Ethernet I210-T1 GbE NIC (PCIe x1)
- Intel Ethernet I350-T4 1GB 4-port NIC
- Intel Wi-Fi 6 AX201 ax 2x2 vPro +Bluetooth 5 WW
- Intel Ehternet I219LM GbE LOM Network Connection (integrated)

Keyboard:
- HP PS/2 Business Slim Keyboard
- HP USB Keyboard
- HP USB Business Slim Keyboard

Mouse:
- HP PS/2 Mouse
- HP USB Optical Mouse
- HP Wired 320M Mouse
- HP USB Hardened Mouse
- HP USB 1000dpi Laser Mouse

Miscellaneous:
- HP SD 4 Media Card Reader
- HP Type-C USB 3.1 Gen2 Port
- HP DisplayPort to HDMI True 4K Adapter
- HP DisplayPort Port
- HP Serial Port Rear Wall
- HP Serial/ PS/2 Module
- HP 800 G6 TWR Dust Filter
- HP VGA Port
- HP DisplayPort to DVI-D Adapter
- HP DisplayPort to VGA Adapter
- HP DisplayPort Cable
- HP Serial Port
- HP PCIe x1 Parallel Port Card
- HP 800 G6 SFF Dust Filter

Operating system: (Not in scope of Society)

Mariner Kits used in conjunction with HP EliteDesk 800 G6 SFF & TWR PC:
MS2610 Assembly , Desktop configuration
MS2620 Assembly. Tower configuration
MS2630 Assembly , Horizontal mount
MS2640 Assembly, Vertical mount

Documents:
Data sheet: - 1004-MST-C

Drawings: - MS2610,A,1; MS2620,A,1; MS2630,A,1; MS2640,A,1;
Specification: - HP EliteDesk 800 G6 QuickSpec v.17

Test Reports:
TL21006, MS Testing, dated 5 March 2021,
TL21009, MS Testing, dated 5 March 2021,

Remarks:
- The products fulfill **EC-Code: 31.**
- The EMC requirements for installation on the Bridge and Deck Zones will be fulfilled by the equipment if in-line power filter: RF 1004-MST, RF 1004-MST-B, or RF 1004-MST-C will be used.
- HP EliteDesk 800 G6 TWR PC: Steering, Standby and Emergency Compass Safe Distance 1.0 Degree deflection: 500 mm Standard Compass Safe Distance 0.3 Degree deflection: 800 mm
- HP EliteDesk 800 G6 SFF PC: Steering, Standby and Emergency Compass Safe Distance 1.0 Degree deflection: 400 mm Standard Compass Safe Distance 0.3 Degree deflection: 700 mm
- Documents relating to each application are to be submitted to the Society's examination prior fitting on board.

Hamburg September 16, 2021