



Service with Energy

HOS MYSTIQUE

250EDF Multi-Purpose Service Vessel



DIMENSIONS AND REGULATORY INFORMATION

| | | | | | |
|-------------------------|---|--------------|---------------------|-------------------|----------------------|
| Length: | 250 ft 0 in (76.2 m) | Beam: | 54 ft 0 in (16.5 m) | Draft Max: | 14 ft 10 in (4.52 m) |
| Gross: | 2,391 GT | Net: | 717 NT | Draft Min: | 8 ft 0 in (2.44 m) |
| IMO: | 9472323 | O.N.: | 1205143 | Flag: | U.S. |
| Certifications: | Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L | | | | |
| Classifications: | Loadline, American Bureau of Shipping, +DPS-2, +A1, +AMS, ACC, OSV, CRC (SC-PL), RW | | | | |

PERFORMANCE

| | | | | | |
|----------------------|----------|----------------------|-------------------|----------|-----------------------|
| Cruise Speed: | 10.0 kts | 90 gal/hr (341 l/hr) | Max Speed: | 12.0 kts | 250 gal/hr (946 l/hr) |
|----------------------|----------|----------------------|-------------------|----------|-----------------------|

PROPULSION, MACHINERY AND STEERING

| | | | |
|------------------------------|--|----------------------------|--------------------|
| Main Engines: | 2 x Caterpillar 3516 | Total Horsepower: | 5,586 bhp |
| Propellers: | CPP, High Efficiency, 4-Blade | Propeller Diameter: | 106 in (2,692 mm) |
| Primary Generators: | 3 x Caterpillar C 18 | Total Rating: | 1,020 kW |
| Auxiliary Generators: | 2 x Caterpillar 3412 | Total Rating: | 1,000 kW |
| Deck Generators: | 1 x Cummins QSK50 | Total Rating: | 1,250 kW |
| Bow Thruster: | 2 x Brunvoll CPP Tunnel | Total Rating: | 1,900 hp |
| Stern Thruster: | 1 x Brunvoll CPP Tunnel | Total Rating: | 950 hp |
| Rudder: | Independent Steering, Schilling Fishtail | Power Generation: | 480V/60 Hz/3-Phase |

CAPACITIES AND DELIVERY RATES

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| Deadweight: | 2,333 LT (2,370 MT) | Deck Area: | 114 ft x 45 ft (5,130 ft ²) |
| Deck Cargo: | 1,100 LT (1,118 MT) | Deck Load Rating: | 34.7 m x 13.7 m (476.6 m ²) |
| Dry Bulk: | 6,240 ft ³ (177 m ³) | System Pressure: | 1,024 lbs/ft ² (5 MT/m ²) |
| Potable Water: | 30,850 gal (117 m ³) | Watermaker Cap: | 80 psi (5.5 bar) |
| Rig Fuel: | 145,900 gal (552 m ³) | Discharge Rate: | 2,000 USG/day (7.57 m ³ /day) |
| Rig Water: | 302,749 gal (1,146 m ³) | Discharge Rate: | 550 GPM (125 m ³ /hr) |
| Cooler Area: | 400 ft ³ (11 m ³) | Discharge Rate: | 550 GPM (125 m ³ /hr) |
| | | Freezer Area: | 400 ft ³ (11 m ³) |

ELECTRONICS

AIS, Auto Pilot, C-Nav, CCTV Cameras, Cyscan, Depth Sounder, DGPS w/ AIS, DSDL, EPIRB, GMDSS "A3", Gyro Compass, Joystick Control, L-3 NMS 6000, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/ loudhailer, SARTs, SSAS, VHF Radio, VHF Radio (Handheld), Windbird, X-band Radar

ACCOMMODATIONS

19 air conditioned/heated staterooms for 49 person(s) berthing total. The rooms are configured as follows:

- 3 air-conditioned staterooms for 1 person(s) berthing each.
- 9 air-conditioned staterooms for 2 person(s) berthing each.
- 7 air-conditioned staterooms for 4 person(s) berthing each.

Accommodations include: Gym, Lounge, and Locker Room.

SPECIAL FEATURES

| | | | |
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| Off-ship Firefighting: | Non-classed | Number of Fire Monitors: | 1 |
| Knuckle Boom Crane: | 1 x National Oilwell Varco, w/ Active Heave Compensation | Total Flow Rate: | 3,000 gal/min (682 m ³ /hr) |
| | | Max Lift @ Max Radius: | 29 MT @ 95 ft |
| | | Max Lift @ Min Radius: | 70 MT @ 29 ft (1 fall) |
| | | | 100 MT @ 29 ft (2 falls) |
| Roll Damping: | Anti-Roll Tank (Active Ballast), Bilge Keels | Max Lift @ Max Depth: | 42.9 MT @ 6,332 ft (1,930 m) |
| Hydro-Acoustic: | HIPAP 500 with Deployment System | Max Lift @ Max Height: | 33 MT @ 110.0 ft abv MD |
| ROV: | 2 x 150 HP Schilling HD | Personnel Rating: | 1 MT |
| | | Transducer Well: | 22 in. dia. |

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