



HOS MYSTIQUE

250 EDF OSV ROV/CONSTRUCTION SUPPORT 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. 8 In. (4.5 m)
Tonnage/Gross: 2,750 GRT **Draft Min:** 8 Ft. 0 In. (2.4 m)
IMO: 947232 **O.N.:** 1205143 **Flag:** U.S.
Certifications: Oceans-SOLAS, SIP, USCG L and I
Classifications: ABS, ✕A1, ✕AMS, +DPS-2, ACC, Loadline, OSV

PERFORMANCE

Max Speed: 12.0 Kts 250 GPH (946.3 LPH)
Cruise Speed: 10.0 Kts 90 GPH (340.7 LPH)

PROPULSION, MACHINERY AND STEERING

Main Engines: 2 X Caterpillar 3516 **Total Horsepower:** 6,000 BHP
Primary Generators: 3 x Caterpillar C 18 **Total Rating:** 1,020 kW
Auxiliary Generators: 2 x Caterpillar 3412 **Total Rating:** 1,000 kW
Bow Thruster: 2 x Brunvoll CPP Tunnel **Total Horsepower:** 1,900 HP
Stern Thruster: 1 x Brunvoll CPP Tunnel **Horsepower:** 950 HP
Propellers: CPP, High Efficiency, 4-Blade **Diameter:** 106 in (2,692 mm)
Rudder: Independent Steering, Schilling Fishtail **Power Generation:** 480V/60 Hz/3-Phase

TOWING AND SPECIAL EQUIPMENT

Crane: National Oilwell Varco, Knuckle Boom **Lift @ Radius (Max):** 33 short tons @ 95 ft
w/ Active Heave Compensation **Lift @ Radius (Min):** 77 short tons @ 49 ft
Deck Generator: 1 x Cummins QSK50 **Total Rating:** 1,250 kW
ROV Generator: 2 x Caterpillar 3412 **Total Rating:** 1,000 kW
ROV: 1 x 125, 1 x 250 HP
Roll Reduction: Bilge Keels / Anti-Roll Tank **Transducer Well:** 1 x 22 in dia.
Hydro-acoustic: HIPAP 500 with Deployment System

CAPACITIES AND DELIVERY RATES

Deadweight: 2,209 LT (2,245 MT) **Deck Area:** 114 Ft. x 45 Ft. 5,130 Ft.² (35m x 14m 490m²)
Deck Cargo: 900 LT (914 MT) **Deck Load Rating:** 1,024 Lbs./Ft.² (5 MT/m²)
Dry Bulk: 6,240 Ft.³ (176.6 m³) **System Pressure:** 80 PSI (6 bar)
Potable Water: 30,850 GAL (117 m³)
Fuel: 145,500 GAL (551 m³) **Discharge Rate:** 550 GPM (125 m³/hr)
Rig Water: 302,800 GAL (1,146 m³) **Discharge Rate:** 550 GPM (125 m³/hr)
Cooler Area: 850 Ft.³ (24 m³) **Freezer Area:** 850 Ft.³ (24 m³)
Off-ship Firefighting Monitors: 1 **Total Flow Rate:** 3,000 GPM (681.9 m³/hr)

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 certified for 49 person berthing.