



Service with Energy

HOS MYSTIQUE

250EDF 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 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				

PERFORMANCE

Max Speed:	12.0 kts	250 gal/hr (946 l/hr)
Cruise Speed:	10.0 kts	90 gal/hr (341 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:	106in (2,692mm)
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 Horsepower:	1,900 hp
Stern Thruster:	1 x Brunvoll CPP Tunnel	Total Horsepower:	950 hp
Rudder:	Independent Steering, Schilling Fishtail	Power Generation:	480V/60 Hz/3-Phase

CAPACITIES AND DELIVERY RATES

Deadweight:	2,333 LT (2,370 MT)	Deck Area:	114ft x 45ft (5,130ft ²) 34.7m x 13.7m (476.6m ²)
Deck Cargo:	1,100 LT (1,118 MT)	Deck Load Rating:	1,024 lbs/ft ² (5 MT/m ²)
Dry Bulk:	6,240 ft ³ (177 m ³)	System Pressure:	80 psi (5.5 bar)
Potable Water:	30,850 gal (117 m ³)	Watermaker Cap.:	2,000 USG/day (7.57 m ³ /day)
Rig Fuel:	145,900 gal (552 m ³)	Discharge Rate:	550 GPM (125 m ³ /hr)
Rig Water:	321,980 gal (1,219 m ³)	Discharge Rate:	550 GPM (125 m ³ /hr)
Cooler Area:	400 ft ³ (11 m ³)	Freezer Area:	400 ft ³ (11 m ³)
Off-ship Firefighting Monitors:	1	Total Flow Rate:	3,000 gal/min (682 m ³ /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.
Accommodations include gym, lounge, and locker room.

SPECIAL FEATURES

Knuckle Boom Crane:	1 x National Oilwell Varco, w/ Active Heave Compensation	Max Lift @ Max Radius:	29 MT @ 95 Ft.
		Max Lift @ Min Radius:	70 MT @ 29 Ft. (1 fall) 100 MT @ 29 Ft. (2 falls)
		Max Lift @ Max Depth:	42.9 MT @ 6,332 Ft. (1,930 m)
		Max Lift @ Max Height:	33 MT @ 110 Ft. abv main deck
Roll Damping:	Anti-Roll Tank (Active Ballast), Bilge Keels	Transducer Well:	22 in. dia.
Hydro-Acoustic:	HIPAP 500 with Deployment System		
ROV:	1 x 150 HP Triton XLS, 1 x 150 HP Schilling HD		

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