



HOS MARINER

220 Offshore Supply Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	220 ft 0 in (67.1 m)	Beam:	46 ft 0 in (14.0 m)	Draft Max:	13 ft 8 in (4.17 m)
Gross:	1,255 GT	Net :	376 NT	Draft Min:	9 ft 0 in (2.74 m)
IMO:	8964422	O.N.:	1083977	Flag:	U.S.
Certifications:	Oceans, SIP, USCG Subchapter I, USCG Subchapter L				
Classifications:	American Bureau of Shipping, Loadline				

PERFORMANCE

Max Speed:	12.0 kts	215 gal/hr (814 l/hr)
Cruise Speed:	10.0 kts	120 gal/hr (454 l/hr)

PROPULSION, MACHINERY AND STEERING

Main Engines:	2 x EMD 12-645-E2	Total Horsepower:	3,900 hp
Propellers:	FPP, 4-Blade	Propeller Diameter:	96in (2,438mm)
Primary Generators:	2 x Cummins NT855	Total Rating:	250 kW
Bow Thruster:	1 x SMI FPP Tunnel	Total Horsepower:	755 hp
Stern Thruster:	1 x SMI FPP Tunnel	Total Horsepower:	525 hp
Rudder:	Independent Steering, Spade Type	Power Generation:	480V/60 Hz/3-Phase

CAPACITIES AND DELIVERY RATES

Deadweight:	1,630 LT (1,656 MT)	Deck Area:	138ft x 38ft (5,244ft ²) 42m x 12m (487m ²)
Deck Cargo:	1,030 LT (1,046 MT)	Deck Load Rating:	540 lbs/ft ² (3 MT/m ²)
Dry Bulk:	8,135 ft ³ (230 m ³)	System Pressure:	80 psi (5.5 bar)
Brine:	3,050 bbl (485 m ³)	Discharge Rate:	1,200 GPM (273 m ³ /hr)
Liquid Mud:	3,050 bbl (485 m ³)	Discharge Rate:	1,200 GPM (273 m ³ /hr)
Potable Water:	27,850 gal (105 m ³)		
Rig Fuel:	112,970 gal (428 m ³)	Discharge Rate:	380 GPM (86 m ³ /hr)
Rig Water:	100,250 gal (379 m ³)	Discharge Rate:	400 GPM (91 m ³ /hr)
Cooler Area:	450 ft ³ (13 m ³)	Freezer Area:	375 ft ³ (11 m ³)
Off Ship Firefighting Monitors:	1		
Total Flow Rate:	2,400 gal/min (546 m ³ /hr)		

ELECTRONICS

Auto Pilot, Beier IVCS 2000, C-Nav, CCTV Cameras, Depth Sounder, DGPS, EPIRB, Fanbeam, GMDSS "A3", Gyro Compass, Joystick Control, Loudhailer, Mag Compass, MAMS/VMS, Navtex, Radar (S-band), SARTs, VHF Radio, VHF Radio (Handheld), Windbird, X-band Radar

ACCOMMODATIONS

10 air conditioned/heated staterooms certified for 22 person berthing.