



HOS GEMSTONE

240ED Offshore Supply Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	240 ft 0 in (73.2 m)	Beam:	54 ft 0 in (16.5 m)	Draft Max:	14 ft 8 in (4.47 m)
Gross:	1,863 GT	Net :	558 NT	Draft Min:	8 ft 0 in (2.44 m)
IMO:	9270995	O.N.:	1141952	Flag:	U.S.
Certifications:	Oceans-SOLAS, SIP, USCG Subchapter I, USCG Subchapter L				
Classifications:	+A1, +AMS, +DPS-2, ACC, American Bureau of Shipping, Loadline, OSV				

PERFORMANCE

Max Speed:	13.0 kts	170 gal/hr (643 l/hr)
Cruise Speed:	10.0 kts	90 gal/hr (341 l/hr)

PROPULSION, MACHINERY AND STEERING

Main Engines:	2 x Caterpillar 3516B	Total Horsepower:	4,000 hp
Propellers:	CPP, High Efficiency, 4-Blade	Propeller Diameter:	95in (2,413mm)
Primary Generators:	3 x Caterpillar 3406	Total Rating:	960 kW
Bow Thruster:	2 x Brunvoll CPP Tunnel	Total Horsepower:	1,200 hp
Stern Thruster:	1 x Brunvoll CPP Tunnel	Total Horsepower:	600 hp
Rudder:	Independent Steering, Schilling Fishtail	Power Generation:	480V/60 Hz/3-Phase

CAPACITIES AND DELIVERY RATES

Deadweight:	2,762 LT (2,806 MT)	Deck Area:	176ft x 45ft (7,920ft ²) 54m x 14m (736m ²)
Deck Cargo:	1,725 LT (1,753 MT)	Deck Load Rating:	1,024 lbs/ft ² (5 MT/m ²)
Dry Bulk:	6,250 ft ³ (177 m ³)	System Pressure:	80 psi (5.5 bar)
Brine:	8,300 bbl (1,319 m ³)	Discharge Rate:	407 GPM (93 m ³ /hr)
Liquid Mud:	8,300 bbl (1,319 m ³)	Discharge Rate:	407 GPM (93 m ³ /hr)
Potable Water:	30,850 gal (117 m ³)	Discharge Rate:	550 GPM (125 m ³ /hr)
Rig Fuel:	107,650 gal (407 m ³)	Discharge Rate:	550 GPM (125 m ³ /hr)
Rig Water:	320,600 gal (1,213 m ³)	Freezer Area:	400 ft ³ (11 m ³)
Cooler Area:	400 ft ³ (11 m ³)		
Off Ship Firefighting Monitors:	1		
Total Flow Rate:	3,000 gal/hr (682 m ³ /hr)		

ELECTRONICS

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

ACCOMMODATIONS

9 air conditioned/heated staterooms certified for 16 person berthing.