



Service with Energy.

# HOS EXPLORER

## 220 Offshore Supply Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	220 ft 0 in (67.1 m)	<b>Beam:</b>	46 ft 0 in (14.0 m)	<b>Draft Max:</b>	13 ft 8 in (4.17 m)
<b>Gross:</b>	1,254 GT	<b>Net :</b>	376 NT	<b>Draft Min:</b>	9 ft 0 in (2.74 m)
<b>IMO:</b>	8964410	<b>O.N.:</b>	1076230	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans, SIP, USCG Subchapter I, USCG Subchapter L				
<b>Classifications:</b>	American Bureau of Shipping, Loadline				

### PERFORMANCE

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

### PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x EMD 16-645 E2	<b>Total Horsepower:</b>	3,900 hp
<b>Propellers:</b>	FPP, 4-Blade	<b>Propeller Diameter:</b>	96in (2,438mm)
<b>Primary Generators:</b>	2 x Cummins NT855	<b>Total Rating:</b>	250 kW
<b>Bow Thruster:</b>	1 x SMI FPP Tunnel	<b>Total Horsepower:</b>	755 hp
<b>Stern Thruster:</b>	1 x SMI FPP Tunnel	<b>Total Horsepower:</b>	525 hp
<b>Rudder:</b>	Independent Steering, Spade Type	<b>Power Generation:</b>	480V/60 Hz/3-Phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	1,625 LT (1,651 MT)	<b>Deck Area:</b>	138ft x 38ft (5,244ft <sup>2</sup> ) 42.1m x 11.6m (487.2m <sup>2</sup> )
<b>Deck Cargo:</b>	1,030 LT (1,046 MT)	<b>Deck Load Rating:</b>	540 lbs/ft <sup>2</sup> (3 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	8,135 ft <sup>3</sup> (230 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Brine:</b>	3,050 bbl (485 m <sup>3</sup> )	<b>Discharge Rate:</b>	1,200 GPM (273 m <sup>3</sup> /hr)
<b>Liquid Mud:</b>	3,050 bbl (485 m <sup>3</sup> )	<b>Discharge Rate:</b>	1,200 GPM (273 m <sup>3</sup> /hr)
<b>Potable Water:</b>	27,850 gal (105 m <sup>3</sup> )	<b>Discharge Rate:</b>	380 GPM (86 m <sup>3</sup> /hr)
<b>Rig Fuel:</b>	88,070 gal (333 m <sup>3</sup> )	<b>Discharge Rate:</b>	400 GPM (91 m <sup>3</sup> /hr)
<b>Rig Water:</b>	95,930 gal (363 m <sup>3</sup> )	<b>Freezer Area:</b>	375 ft <sup>3</sup> (11 m <sup>3</sup> )
<b>Cooler Area:</b>	450 ft <sup>3</sup> (13 m <sup>3</sup> )		
<b>Off Ship Firefighting Monitors:</b>	1		
<b>Total Flow Rate:</b>	2,400 gal/min (546 m <sup>3</sup> /hr)		

### ELECTRONICS

Auto Pilot, 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, Beier IVCS 2002

### ACCOMMODATIONS

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

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