



# HOS INNOVATOR

## HOS 240E Multi Purpose Service Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	240 ft 0 in (73.2 m)	<b>Beam:</b>	54 ft 0 in (16.5 m)	<b>Draft Max:</b>	13 ft 2 in (4.01 m)
<b>Gross:</b>	1,815 GT	<b>Net:</b>	544 NT	<b>Draft Min:</b>	8 ft 0 in (2.44 m)
<b>IMO:</b>	9251808	<b>O.N.:</b>	1108573	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans-SOLAS, SIP, USCG Subchapter I/L				
<b>Classifications:</b>	+A1, +AMS, +DPS-2, American Bureau of Shipping, Loadline, OSV				

### PERFORMANCE

<b>Max Speed:</b>	12.0 kts	205 gal/hr (719 l/hr)
<b>Cruise Speed:</b>	10.0 kts	90 gal/hr (341 l/hr)

### PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x Caterpillar 3516B	<b>Total Horsepower:</b>	4,520 hp
<b>Propellers:</b>	CPP, High Efficiency, 4-Blade	<b>Propeller Diameter:</b>	95 in (2,413 mm)
<b>Primary Generators:</b>	3 x Caterpillar 3406	<b>Total Rating:</b>	750 kW
<b>Bow Thruster:</b>	2 x Brunvoll CPP Tunnel	<b>Total Horsepower:</b>	1,200 hp
<b>Stern Thruster:</b>	1 x Brunvoll CPP Tunnel	<b>Total Horsepower:</b>	600 hp
<b>Rudder:</b>	Independent Steering, Schilling Fishtail	<b>Power Generation:</b>	480V/60 Hz/3-Phase

### SPECIAL FEATURES

<b>Crane:</b>	Hydra-Pro HPO240-21K Knuckle Boom	<b>Lift @ Min Radius:</b>	28 ST @ 33 ft
		<b>Lift @ Max Radius:</b>	7.5 ST @ 70 ft
		<b>Man Rating:</b>	1.6 ST
		<b>Max Lift @ Depth:</b>	24 ST @ 1,500 ft
<b>Roll Reduction:</b>	Anti-Roll Tank	<b>Moon Pool:</b>	36 in dia.

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	2,036 LT (2,069 MT)	<b>Deck Area:</b>	140ft x 45ft (6,300ft <sup>2</sup> ) 43m x 14m (585m <sup>2</sup> )
<b>Deck Cargo:</b>	1,100 LT (1,118 MT)	<b>Deck Load Rating:</b>	1,024 lbs/ft <sup>2</sup> (5 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	8,400 ft <sup>3</sup> (238 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Brine:</b>	6,290 bbl (1,000 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Liquid Mud:</b>	6,290 bbl (1,000 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Potable Water:</b>	45,350 gal (172 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Fuel:</b>	97,450 gal (369 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Water:</b>	260,880 gal (987 m <sup>3</sup> )	<b>Freezer Area:</b>	400 ft <sup>3</sup> (11 m <sup>3</sup> )
<b>Cooler Area:</b>	400 ft <sup>3</sup> (11 m <sup>3</sup> )		
<b>Off Ship Firefighting Monitors:</b>	1		
<b>Total Flow Rate:</b>	3,000 gal/hr (682 m <sup>3</sup> /hr)		

### ELECTRONICS

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

### ACCOMMODATIONS

14 air conditioned/heated staterooms certified for 36 person berthing.  
4 – Man Portable Accommodation  
40 person Total Berthing