



# HOS BRIGADOON

200 Offshore Supply Vessel



## DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	190 ft 0 in (57.9 m)	<b>Beam:</b>	54 ft 0 in (16.5 m)	<b>Draft Max:</b>	13 ft 6 in (4.11 m)
<b>Gross:</b>	1,226 GT	<b>Net:</b>	367 NT	<b>Draft Min:</b>	8 ft 0 in (2.44 m)
<b>IMO:</b>	9207596	<b>O.N.:</b>	2701343432	<b>Flag:</b>	Mexico
<b>Certifications:</b>	Oceans-SOLAS				
<b>Classifications:</b>	Loadline, American Bureau of Shipping, +DPS-1, +A1, +AMS, OSR-C2				

## PERFORMANCE

<b>Cruise Speed:</b>	10.0 kts	70 gal/hr (265 l/hr)	<b>Max Speed:</b>	13.0 kts	150 gal/hr (568 l/hr)
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## PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x Caterpillar 3516B	<b>Total Horsepower:</b>	4,000 hp
<b>Propellers:</b>	FPP, High-Efficiency, 5-Blade	<b>Propeller Diameter:</b>	96 in (2,438 mm)
<b>Primary Generators:</b>	3 x Caterpillar 3406B	<b>Total Rating:</b>	750 kW
<b>Bow Thruster:</b>	1 x Brunvoll CPP Tunnel	<b>Total Rating:</b>	600 hp
<b>Rudder:</b>	Independent Steering, Schilling Fishtail	<b>Power Generation:</b>	480V/60 Hz/3-Phase

## CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	1,767 LT (1,795 MT)	<b>Deck Area:</b>	140 ft x 46 ft (6,440 ft <sup>2</sup> ) 42.7 m x 14.0 m (598.3 m <sup>2</sup> )
<b>Deck Cargo:</b>	1,385 LT (1,407 MT)	<b>Deck Load Rating:</b>	1,024 lbs/ft <sup>2</sup> (5 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	7,000 ft <sup>3</sup> (198 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Brine:</b>	3,590 bbl (571 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Liquid Mud:</b>	3,590 bbl (571 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Potable Water:</b>	54,550 gal (206 m <sup>3</sup> )		
<b>Recovered Oil (&gt;60 deg C FP):</b>	3,590 bbl (571 m <sup>3</sup> )		
<b>Rig Fuel:</b>	85,045 gal (322 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Water:</b>	208,170 gal (788 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Cooler Area:</b>	400 ft <sup>3</sup> (11 m <sup>3</sup> )	<b>Freezer Area:</b>	400 ft <sup>3</sup> (11 m <sup>3</sup> )
<b>Off-ship Firefighting Monitors:</b>	1	<b>Total Flow Rate:</b>	1,250 gal/min (284 m <sup>3</sup> /hr)

## ELECTRONICS

Auto Pilot, C-Nav, CCTV Cameras, Depth Sounder, DGPS, EPIRB, GMDSS "A3", Gyro Compass, Joystick Control, Loudhailer, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/ loudhailer, SARTs, Single Side Band, VHF Radio, VHF Radio (Handheld), X-band Radar, Nautronix JSDP 4000, Windbird, Fanbeam

## ACCOMMODATIONS

6 air conditioned/heated staterooms certified for 13 person berthing.

## SPECIAL FEATURES

Containerized FIFI Package w/ 5,285 gal/min (1,200m<sup>3</sup>/hr) Off-ship Firefighting Monitor, Moonpool

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