



# 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) |
|----------------------|----------|----------------------|-------------------|----------|-----------------------|

## 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> )<br>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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