

# HOS BRIARWOOD

# HOSMAX310 EQH Multi-Purpose Service Vessel



## **DIMENSIONS AND REGULATORY INFORMATION**

Length: 302 ft 0 in (92.0 m) **Beam:** 64 ft 0 in (19.5 m) **Draft Max:** 21 ft 1 in (6.43 m) Gross: **Draft Min:** 11 ft 3 in (3.43 m) 5,089 GT Net: 1,526 NT

IMO: 9672648 O.N.: 1244594 Flag: U.S.

Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L **Certifications:** 

Classifications: Loadline, ABS, &DPS-2, FFV-I, (E), &A1, &ACCU, &AMS, OSV, OSR-C2, ENVIRO, GP, UWILD, HELIDK, ACP, CRC

#### PERFORMANCE

Cruise Speed: 10.0 kts 133 gal/hr (503 l/hr) Max Speed: 12.0 kts 208 gal/hr (787 l/hr)

### PROPULSION. MACHINERY AND STEERING

Total Power: Main Engines: 4 x Caterpillar 3516C 7,300 kW Main Propulsion: 2 x Schottel Azimuthing Z-Drives Total Horsepower: 6,700 hp Total Horsepower: **Bow Thruster:** 2 x Schottel FPP Tunnel 3,160 hp

Power Generation: 690V/60 Hz/3-Phase

### CAPACITIES AND DELIVERY RATES

4,931 LT (5,011 MT) Main Deck Area: Deadweight: 100ft x 55ft (5,200ft<sup>2</sup>)

30.5m x 16.8m (483m<sup>2</sup>)

Main Deck Cargo: 1,300 LT (1,321 MT)\*\*\* Main Deck Rating: 1,024 lbs/ft<sup>2</sup> (5 MT/m<sup>2</sup>) Tier 3 Deck Area: 29ft x 36ft (1,044ft<sup>2</sup>)

8.8m x 11.0m (97m<sup>2</sup>)

Tier 3 Deck Cargo: 56 LT (57 MT) Tier 3 Deck Rating: 350 lbs/ft<sup>2</sup> (1.7 MT/m<sup>2</sup>)

**Dry Bulk:** 10,250 ft3 (290 m3) **System Pressure:** 80 psi (5.5 bar) **Liquid Mud:** 21,366 bbl (3,397 m3)\* Discharge Rate: 1,000 GPM (227 m<sup>3</sup>/hr)

Watermaker Cap.: 16,000 USG/day (60.57 m<sup>3</sup>/day) Potable Water: 62,549 gal (237 m<sup>3</sup>)

Rig Fuel: Discharge Rate: 750 GPM (170 m<sup>3</sup>/hr) 268,284 gal (1,015 m<sup>3</sup>) Rig Water: 527,702 gal (1,998 m<sup>3</sup>) **Discharge Rate:** 750 GPM (170 m<sup>3</sup>/hr)

Cooler Area: 1,226 ft<sup>3</sup> (35 m<sup>3</sup>) Freezer Area: 988 ft3 (28 m3)

### **ELECTRONICS**

AIS, Anemometer, Auto Pilot, CCTV Cameras, Cyscan, Depth Sounder, DGPS w/AIS, DSDL, EPIRB, GMDSS "A3", Gyro Compass, Joystick Control, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/loudhailer, SARTs, SSAS, VHF Radio, VHF Radio (Handheld), VSAT, X-band Radar, S-band Radar, Speed Log, Radascan, VERIPOS

## VESSEL ACCOMMODATIONS

35 air conditioned/heated staterooms certified for 122\*\* person(s) berthing. The rooms are configured as follows: 6 air conditioned staterooms for 2 person(s) berthing each. 2 air conditioned staterooms for 1 person(s) berthing each.

27 air conditioned staterooms for 4 person(s) berthing each.

Accommodations include: Galley, Mess, 9 Office Stations, Laundry Room, Change Room, Exercise Room, Sick Bay, & Theater

#### SPECIAL FEATURES

**Recovered Oil Capacity:** 7,034 bbl (1,118 m<sup>3</sup>)\* (>60° C FP) Oil Spill Recovery: ABS Capability Class 2

Off-ship Firefighting: Number of Fire Monitors: 2 ABS FiFi 1

> **Total Flow Rate:** 10,586 gal/min (2,406 m<sup>3</sup>/hr)

**Helideck Diameter:** 73 ft 0 in (22.25 m) Size Rating: Sikorsky S-61N

Weight Rating: Sikorsky S-92 (12.8 MT) Max Lift @ Min Radius:

1 x Appleton Telescoping Boom Stores Crane: 13 MT @ 16 ft Max Lift @ Max Radius: Personnel Lift Certified for 0.6 MT 3 MT @ 53 ft

**Knuckle Boom Crane:** Max Lift @ Max Radius: 40 MT @ 82 ft National Oilwell Varco w/ Personnel Lift Certified for 5 MT

Max Lift @ Min Radius: 70 MT @ 25 ft (1 fall); 100 MT @ 25 ft (2 falls) Max Lift @ Max Depth: 42.7 MT @ 6,562 ft (2000 m) Water Depth Max Lift @ Max Height: 44.6 MT @ 114 ft 4 in above Main Deck

**DP Reference: Fast Rescue Craft:** 1 x 15 Person(s) 1 x HiPAP 502 Valve Ready

**Deck Mission Power:** 800A. 480V/60 Hz/3-Phase **Roll Reduction:** Anti-Roll Tank CTV Boat Landing: **Helideck Equipment:** 200 MT CTV, Fixed Ladder Luggage Conveyor

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<sup>\*\*\*</sup> Max deck cargo assumes 50 POB stability criteria.

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