



# HOS WOODLAND

## 310ES Multi-Purpose Service Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b> 302 ft 0 in (92.05 m)	<b>Beam:</b> 76 ft 0 in (23.16 m)	<b>Draft Max:</b> 21 ft 4in (6.50 m)
<b>LOA:</b> 340 ft 0 in (103.63 m)		<b>Draft Min:</b> 11 ft 3 in (3.43 m)
<b>Gross:</b> 5,257 GT	<b>Net:</b> 1,697 NT	
<b>IMO:</b> 9742716	<b>O.N.:</b> 1253612	<b>Flag:</b> U.S.
<b>Certifications:</b> Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L		
<b>Classifications:</b> ABS, *A1, OSV (HLC, HNLS, HDC), *AMS, *DPS-2, SPS, HELIDK, *ACCU, UWILD, FFV-I, (E), ENVIRO, CRC, Loadline, OSR-C2, IHM, ACP		

### PERFORMANCE

<b>Cruise Speed:</b> 10.0 kts	139 gal/hr (526 l/hr)
<b>On DP:</b>	117 gal/hr (443 l/hr)

### PROPULSION, MACHINERY AND STEERING

<b>Main Generators:</b> 4 x Caterpillar 3516C	<b>Total Power:</b> 9,000 kW
<b>Main Propulsion:</b> 2 x Schottel Azimuthing Z-Drives	<b>Total Horsepower:</b> 6,700 hp
<b>Aft Bow Thruster:</b> 1 x Rolls Royce Swing-down Azimuth	<b>Total Horsepower:</b> 1,180 hp
<b>Fwd Bow Thruster:</b> 2 x Schottel FPP Tunnel	<b>Total Horsepower:</b> 2,360 hp
<b>Stern Thruster:</b> 1 x Schottel FPP Tunnel	<b>Total Horsepower:</b> 1,180 hp
	<b>Power Generation:</b> 690V/60/3 phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b> 5,132 LT (5,216 MT)	<b>Deck Area:</b> 151 ft 4 in x 74 ft 9 in (10,300 ft <sup>2</sup> ) 46.1 m x 22.8 m (957 m <sup>2</sup> )
<b>Deck Cargo:</b> 1,925 LT (1,956 MT)	<b>Deck Load Rating:</b> 2,048 lbs/ft <sup>2</sup> (10 MT/m <sup>2</sup> )
<b>Liquid Mud:</b> 19,120 bbl (3,040 m <sup>3</sup> )	<b>Discharge Rate:</b> 2 X 1,000 GPM (227 m <sup>3</sup> /hr)
<b>Methanol:</b> 1,725 bbl (274 m <sup>3</sup> )	<b>Discharge Rate:</b> 2 X 250 GPM (57 m <sup>3</sup> /hr)
<b>Potable Water:</b> 171,345 gal (649 m <sup>3</sup> )	<b>Discharge Rate:</b> 1 X 200 GPM (45 m <sup>3</sup> /hr)
<b>Rig Fuel:</b> 474,314 gal (1,795 m <sup>3</sup> )	<b>Discharge Rate:</b> 2 X 750 GPM (170 m <sup>3</sup> /hr)
<b>Rig Water:</b> 619,319 gal (2,344 m <sup>3</sup> )	<b>Discharge Rate:</b> 2 X 750 GPM (170 m <sup>3</sup> /hr)
<b>Cooler Area:</b> 1050 ft <sup>3</sup> (30 m <sup>3</sup> )	<b>Freezer Area:</b> 1140 ft <sup>3</sup> (32 m <sup>3</sup> )
<b>Off Ship Firefighting Monitors:</b> 2	<b>Total Flow Rate:</b> 5,284 GPM (1,200 m <sup>3</sup> /hr) each

### ELECTRONICS

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

### ACCOMMODATIONS

39 air conditioned/heated staterooms certified for 85 person berthing  
Accommodations Include: 20 Office Stations, Gym, Dedicated ROV Control Room & Workshop, Cargo Elevator, Conference Room, 3 Person Dedicated Hospital

### SPECIAL FEATURES

<b>Helideck Diameter:</b> 68 ft 11 in (21.0 m)	<b>Size Rating:</b> Sikorsky S-61N
<b>Helicopter Equipment:</b> Restart Capability	<b>Weight Rating:</b> Sikorsky S-92N, (12.8 MT)
<b>Knuckle Boom Crane:</b> <b>Main Line:</b> w/ Active Heave Compensation ABS / API 2C Certified	<b>Max Lift @ Max Radius:</b> 65 MT @ 114 ft 10 in
	<b>Max Lift @ Min Radius:</b> 250 MT @ 27 ft 3 in
	<b>Max Lift @ Max WD:</b> 92.3 MT @ 12,140 ft WD
	<b>Max Lift @ Max Height:</b> 163 MT @ 136.4 ft abv MD
	<b>Max Lift @ Max Radius:</b> 25 MT @ 118 ft 1 in
	<b>Max Lift @ Max WD:</b> 4.56 MT @ 12,140 ft WD
<b>Deck Crane:</b> 1 x Appleton Telescopic Boom Personnel Lift Certified	<b>Max Lift @ Max Radius:</b> 3 MT @ 53 ft
	<b>Max Lift @ Min Radius:</b> 13 MT @ 16 ft
<b>Tuggers:</b> 2 x 12 MT	<b>Moon Pool:</b> 15ft x 18ft with Hatch
<b>Watermaker Capacity:</b> 8,000 USG/day	<b>Fast Rescue Craft:</b> 1 x 15 Person(s)
<b>ROV:</b> 2 x Schilling HD 150 HP Work Class	<b>DP Reference:</b> 1 x Kongsberg HiPAP 500

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