



# 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>Net:</b>	1,697 NT	<b>Draft Min:</b>	11 ft 3 in (3.43 m)
<b>Gross:</b>	5,257 GT	<b>O.N.:</b>	1253612	<b>Flag:</b>	U.S.
<b>IMO:</b>	9742716				
<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), 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)
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### 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 Hz/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>	1,000 GPM (227 m <sup>3</sup> /hr)
<b>Methanol:</b>	1,725 bbl (274 m <sup>3</sup> )	<b>Discharge Rate:</b>	250 GPM (57 m <sup>3</sup> /hr)
<b>Potable Water:</b>	171,345 gal (649 m <sup>3</sup> )	<b>Watermaker Cap.:</b>	8,000 GPD (30 m <sup>3</sup> /day)
<b>Rig Fuel:</b>	474,314 gal (1,795 m <sup>3</sup> )	<b>Discharge Rate:</b>	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>	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> )

### 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, Hospital

### SPECIAL FEATURES

<b>Off-ship Firefighting:</b>	ABS FiFi 1	<b>Number of Fire Monitors:</b>	2
<b>Oil Spill Recovery:</b>	ABS Capability Class 2	<b>Total Flow Rate:</b>	10,568 gal/min (2,400 m <sup>3</sup> /h)
<b>Helideck Diameter:</b>	68 ft 11 in (21.0 m)	<b>Recovered Oil Capacity:</b>	19,120 bbl (>60 °C FP)
<b>Knuckle Boom Crane:</b>	<b>Main Line:</b> w/ Active Heave Compensation ABS / API 2C Certified	<b>Size Rating:</b>	Sikorsky S-61N
	<b>Whip Line:</b> w/ Active Heave Compensation Personnel Lift Certified	<b>Weight Rating:</b>	Sikorsky S-92, (12.8 MT)
<b>Deck Crane:</b>	1 x Appleton Telescopic Boom Personnel Lift Certified	<b>Max Lift @ Max Radius:</b>	65 MT @ 114 ft 10 in
<b>Tuggers:</b>	2 x 12 MT	<b>Max Lift @ Min Radius:</b>	250 MT @ 27 ft 3 in
<b>Fast Rescue Craft:</b>	1 x 15 Person(s)	<b>Max Lift @ Max WD:</b>	102.1 MT @ 11,388 ft WD
<b>ROV:</b>	Suitable for 2 x Work Class	<b>Max Lift @ Max Height:</b>	163 MT @ 136.4 ft abv MD
		<b>Max Lift @ Max WD:</b>	25 MT @ 118 ft 1 in
		<b>Max Lift @ Max WD:</b>	4.56 MT @ 12,140 ft WD
		<b>Max Lift @ Max Radius:</b>	3 MT @ 53 ft
		<b>Max Lift @ Min Radius:</b>	13 MT @ 16 ft
		<b>Moon Pool:</b>	15ft x 18ft with Hatch
		<b>DP Reference:</b>	1 x Kongsberg HiPAP 500

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