



# HOS WARLAND

## 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>	1253611	<b>Flag:</b>	U.S.
<b>IMO:</b>	9742704				
<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

**Cruise Speed:** 10.0 kts 139 gal/hr (526 l/hr) **On DP:** 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 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>Discharge Rate:</b>	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>	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, 3 Person Dedicated Hospital

### SPECIAL FEATURES

<b>Off-ship Firefighting:</b>	ABS FiFi 1	<b>Number of Fire Monitors:</b>	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>Size Rating:</b>	Sikorsky S-61N
<b>Knuckle Boom Crane:</b>	<b>Main Line:</b> w/ Active Heave Compensation ABS / API 2C Certified	<b>Weight Rating:</b>	Sikorsky S-92, (12.8 MT)
	<b>Whip Line:</b> w/ Active Heave Compensation Personnel Lift Certified	<b>Max Lift @ Max Radius:</b>	65 MT @ 114 ft 10 in
<b>Deck Crane:</b>	1 x Appleton Telescopic Boom Personnel Lift Certified	<b>Max Lift @ Min Radius:</b>	250 MT @ 27 ft 3 in
<b>Tuggers:</b>	2 x 12 MT	<b>Max Lift @ Max WD:</b>	92.3 MT @ 12, 140 ft WD
<b>Watermaker Cap.:</b>	8,000 USG/day (30 m <sup>3</sup> /day)	<b>Max Lift @ Max Height:</b>	163 MT @ 136.4 ft abv MD
<b>ROV:</b>	2 x Schilling HD 150 HP Work Class	<b>Max Lift @ Max Radius:</b>	25 MT @ 118 ft 1 in
		<b>Max Lift @ Max WD:</b>	11.12 MT @ 8,000 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>Fast Rescue Craft:</b>	1 x 15 Person(s)
		<b>DP Reference:</b>	1 x Kongsberg HiPAP 500

NOTICE: The information contained herein is provided solely for the convenience of reference, and Hornbeck Offshore does not warrant the accuracy or completeness of the data, which may vary from the current condition of the vessel or equipment. Hornbeck Offshore accepts no liability for the content of this document or for the consequences of any actions taken on the basis of the information provided, unless that information is subsequently confirmed in writing by an authorized representative.

103 Northpark Blvd. Suite 300  
Covington, Louisiana 70433  
Rev. 8

## HORNBECK OFFSHORE

*Service with Energy*

<http://www.hornbeckoffshore.com>

Phone: (985)727-2000  
Fax: (985)727-3606  
Date: 07/03/2023