



HOS WARLAND

310ES Multi-Purpose Service Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	302 ft 0 in (92.05 m)	Beam:	76 ft 0 in (23.16 m)	Draft Max:	21 ft 4in (6.50 m)
LOA:	340 ft 0 in (103.63 m)	Net:	1,657 NT	Draft Min:	11 ft 3 in (3.43 m)
Gross:	5,387 GT	O.N.:	1253611	Flag:	U.S.
IMO:	9742704				
Certifications:	Oceans-SOLAS, SIP, USCG Subchapter I, USCG Subchapter L				
Classifications:	ABS, *A1, OSV (HLC, HNLS, HDC), *AMS, *DPS-2, SPS, RRDA, HELIDK, *ACCU, UWILD, FFV-I, (E), ENVIRO, GP, CRC, Loadline, OSR-C2				

PERFORMANCE

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

PROPULSION, MACHINERY AND STEERING

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

CAPACITIES AND DELIVERY RATES

Deadweight:	4,977 LT (5,057 MT)	Deck Area:	151 ft 4 in x 74 ft 9 in (10,300 ft ²) 46.1 m x 22.8 m (957 m ²)
Deck Cargo:	1,925 LT (1,956 MT)	Deck Load Rating:	2,048 lbs/ft ² (10 MT/m ²)
Liquid Mud:	19,120 bbl (3,040 m ³)	Discharge Rate:	2 X 1,000 GPM (227 m ³ /hr)
Methanol:	1,725 bbl (274 m ³)	Discharge Rate:	2 X 250 GPM (57 m ³ /hr)
Potable Water:	171,345 gal (649 m ³)	Discharge Rate:	1 X 200 GPM (45 m ³ /hr)
Rig Fuel:	474,314 gal (1,795 m ³)	Discharge Rate:	2 X 750 GPM (170 m ³ /hr)
Rig Water:	619,319 gal (2,344 m ³)	Discharge Rate:	2 X 750 GPM (170 m ³ /hr)
Cooler Area:	1050 ft ³ (30 m ³)	Freezer Area:	1140 ft ³ (32 m ³)
Off Ship Firefighting Monitors:	2	Total Flow Rate:	5,284 GPM (1,200 m ³ /hr) each

ELECTRONICS

Auto Pilot, C-Nav, 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

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

SPECIAL FEATURES

Helideck Diameter:	68 ft 11 in (21.0 m)	Size Rating:	Sikorsky S-61N
Helicopter Equipment:	Restart Capability	Weight Rating:	Sikorsky S-92N, (12.8 MT)
Knuckle Boom Crane:	Main Line: w/ Active Heave Compensation ABS / API 2C Certified	Max Lift @ Max Radius:	65 MT @ 114 ft 10 in
		Max Lift @ Min Radius:	250 MT @ 27 ft 3 in
		Max Lift @ Max WD:	92.3 MT @ 12,140 ft WD
		Max Lift @ Max Height:	163 MT @ 136.4 ft abv MD
	Whip Line: w/ Active Heave Compensation	Max Lift @ Max Radius:	25 MT @ 118 ft 1 in
	Personnel Lift Certified	Max Lift @ Max WD:	4.56 MT @ 12,140 ft WD
Deck Crane:	1 x Appleton Telescopic Boom Personnel Lift Certified	Max Lift @ Max Radius:	3 MT @ 53 ft
		Max Lift @ Max Radius:	13 MT @ 16 ft
		Moon Pool:	15ft x 18ft with Hatch
Watermaker Capacity:	8,000 USG/day	Fast Rescue Craft:	1 x 15 Person(s)
ROV:	2 x Millennium Plus 220 HP Work Class	DP Reference:	1 x Kongsberg HiPAP 500
Tuggers:	2 x 12 MT		

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.