



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:	1,697 NT	Draft Min:	11 ft 3 in (3.43 m)
Gross:	5,257 GT	O.N.:	1253611	Flag:	U.S.
IMO:	9742704				
Certifications:	Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L				
Classifications:	ABS, *A1, OSV (HLC, HNLS, HDC), *AMS, *DPS-2, SPS, HELIDK, *ACCU, UWILD, FFV-I, (E), ENVIRO, 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

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:	5,132 LT (5,216 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, 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

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 Personnel Lift Certified	Max Lift @ Max Radius:	25 MT @ 118 ft 1 in
Deck Crane:	1 x Appleton Telescopic Boom Personnel Lift Certified	Max Lift @ Max WD:	4.56 MT @ 12,140 ft WD
		Max Lift @ Max Radius:	3 MT @ 53 ft
Tuggers:	2 x 12 MT	Max Lift @ Min Radius:	13 MT @ 16 ft
Watermaker Capacity:	8,000 USG/day	Moon Pool:	15ft x 18ft with Hatch
ROV:	2 x Schilling HD 150 HP Work Class	Fast Rescue Craft:	1 x 15 Person(s)
		DP Reference:	1 x Kongsberg HiPAP 500

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