



HOS WARHORSE

400ES Multi-Purpose Service Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	362 ft 0 in (110.34 m)	Beam:	76 ft 0 in (23.16 m)	Draft Max:	20 ft 6in (6.25 m) (Est.)
LOA:	400 ft 0 in (121.92 m)			Draft Min:	11 ft 3 in (3.43 m) (Est.)
Gross:	6533 (Est.)	Net:	TBD		
IMO:	9696591	O.N.:	1258860	Flag:	U.S.
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				

PERFORMANCE

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

PROPULSION, MACHINERY AND STEERING

Main Generators:	4 x Caterpillar 3516C	Total Power:	9,000 kW @690V/60/3 phase
Aux Generators:	2 x Caterpillar 3516C	Power:	3,450 kW
Main Propulsion:	2 x Schottel Azimuthing Z-Drives	Total Horsepower:	6,705 hp
Aft Bow Thruster:	1 x Schottel Drop-down Azimuth	Horsepower:	1,180 hp
Fwd Bow Thruster:	2 x Schottel FPP Tunnel	Horsepower:	2,360 hp
Stern Thruster:	1 x Schottel FPP Tunnel	Horsepower:	1,180 hp

CAPACITIES AND DELIVERY RATES

Deadweight:	6,265 LT (6,366 MT) (Est.)	Deck Area:	205 ft 4 in x 74 ft 9 in (13,600 ft ²) (Est.) 63 m x 23 m (1,264 m ²) (Est.)
Deck Cargo:	2,750 LT (2,794 MT) (Est.)	Deck Load Rating:	2,048 lbs/ft ² (10 MT/m ²)
Liquid Mud:	11,324 bbl (1,800 m ³) (Est.)	Discharge Rate:	2 X 1,000 GPM (227 m ³ /hr)
Flamm/Methanol:	4,894 bbl (778 m ³) (Est.)	Discharge Rate:	2 x 250 GPM (57 m ³ /hr) 4 X 300 GPM (68 m ³ /hr)
Potable Water:	178,312 gal (675 m ³) (Est.)	Discharge Rate:	1 x 200 GPM (45 m ³ /hr)
Fuel:	561,311 gal (2,125 m ³) (Est.)	Discharge Rate:	2 X 750 GPM (170 m ³ /hr)
Fresh Water:	766,226 gal (2,900 m ³) (Est.)	Discharge Rate:	2 X 750 GPM (170 m ³ /hr)
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

46 air conditioned/heated staterooms certified for 102 person berthing

Accommodations Include: 25 Office Stations, 3 Client Offices, Gym, Conference Room/Cinema for 18 Persons, Dedicated ROV Control Room and ROV Workshop

SPECIAL FEATURES

Helideck Diameter:	68 ft 11 in (21.0 m)	Size Rating:	Sikorsky S-61N
Helideck Equipment:	Restart Capability	Weight Rating:	Sikorsky S-92N, (12.8 MT)
Knuckle Boom Crane:	Main Line: NOV w/ Active Heave Compensation ABS / API 2C Certified	Max Lift @ Max Radius:	87 Mt @ 118 ft 2 in
	Whip Line: w/ Active Heave Compensation Personnel Lift Certified	@ Min Radius:	400 Mt @ 32 ft 10 in (2 fall)
Knuckle Boom Crane:	Main Line: NOV w/ Active Heave Compensation	@ Max WD:	107 Mt @ 13,123 ft WD (4,000m)
	Whip Line: w/ Active Heave Compensation Personnel Lift Certified	@ Max Height:	250 Mt @ 141 ft 0 in abv MD (est)
Deck Crane:	1 x Appleton EB70-53-33 Personnel Lift Certified	@ Max Radius:	25 Mt @ 131 ft 3 in
Fast Rescue Craft:	1 x 15 Person(s)	@ Max WD:	2.4 Mt @ 13,123 ft WD (4,000m)
Moon Pool:	15ft x 18ft with Hatch	Max Lift @ Max Radius:	30 Mt @ 98 ft 5 in
ROV:	2 x 250 HP Work Class (TBD)	@ Min Radius:	100 Mt @ 39 ft 4 in (2 fall)
		@ Max WD:	22.6 Mt @ 13,123 ft WD (4,000m)
		@ Max Radius:	25 Mt @ 104 ft 11 in
		@ Max WD:	2.4 Mt @ 13,123 ft WD (4,000m)
		Max Lift @ Max Radius:	3 Mt @ 53 ft
		@ Max Radius:	13 Mt @ 16 ft
		Tuggers:	2 x 12 Mt
		Watermaker Capacity:	8,000 USG/day
		DP Reference:	1 x Kongsberg HiPAP 500

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