



# HOS WARHORSE

## 400ES Multi-Purpose Service Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	362 ft 0 in (110.34 m)	<b>Beam:</b>	76 ft 0 in (23.16 m)	<b>Draft Max:</b>	20 ft 6in (6.25 m) (Est.)
<b>LOA:</b>	400 ft 0 in (121.92 m)			<b>Draft Min:</b>	11 ft 3 in (3.43 m) (Est.)
<b>Gross:</b>	6533 (Est.)	<b>Net:</b>	TBD		
<b>IMO:</b>	9696591	<b>O.N.:</b>	1258860	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans-SOLAS, SIP, USCG Subchapter I, USCG Subchapter L				
<b>Classifications:</b>	ABS, *A1, OSV (HLC, HNLS, HDC), *AMS, *DPS-2, SPS, RRDA, HELIDK, *ACCU, UWILD, FFV-I, (E), ENVIRO, GP, CRC, Loadline				

### PERFORMANCE

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

### PROPULSION, MACHINERY AND STEERING

<b>Main Generators:</b>	4 x Caterpillar 3516C	<b>Total Power:</b>	9,000 kW
<b>Aux Generators:</b>	2 x Caterpillar 3516C	<b>Total Power:</b>	3,450 kW
<b>Main Propulsion:</b>	2 x Schottel Azimuthing Z-Drives	<b>Total Horsepower:</b>	6,705 hp
<b>Aft Bow Thruster:</b>	1 x Schottel Drop-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/60/3 phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	6,265 LT (6,366 MT) (Est.)	<b>Deck Area:</b>	205 ft 4 in x 74 ft 9 in (13,600 ft <sup>2</sup> ) (Est.) 63 m x 23 m (1,264 m <sup>2</sup> ) (Est.)
<b>Deck Cargo:</b>	2,750 LT (2,794 MT) (Est.)	<b>Deck Load Rating:</b>	2,048 lbs/ft <sup>2</sup> (10 MT/m <sup>2</sup> )
<b>Liquid Mud:</b>	11,324 bbl (1,800 m <sup>3</sup> ) (Est.)	<b>Discharge Rate:</b>	2 X 1,000 GPM (227 m <sup>3</sup> /hr)
<b>Flamm/Methanol:</b>	4,894 bbl (778 m <sup>3</sup> ) (Est.)	<b>Discharge Rate:</b>	2 x 250 GPM (57 m <sup>3</sup> /hr) 4 X 300 GPM (68 m <sup>3</sup> /hr)
<b>Potable Water:</b>	178,312 gal (675 m <sup>3</sup> ) (Est.)	<b>Discharge Rate:</b>	1 x 200 GPM (45 m <sup>3</sup> /hr)
<b>Rig Fuel:</b>	561,311 gal (2,125 m <sup>3</sup> ) (Est.)	<b>Discharge Rate:</b>	2 X 750 GPM (170 m <sup>3</sup> /hr)
<b>Rig Water:</b>	766,226 gal (2,900 m <sup>3</sup> ) (Est.)	<b>Discharge Rate:</b>	2 X 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>	2420 ft <sup>3</sup> (69 m <sup>3</sup> )
<b>Off Ship Firefighting Monitors:</b>	2	<b>Total Flow Rate:</b>	5,284 GPM (1,200 m <sup>3</sup> /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

<b>Helideck Diameter:</b>	68 ft 11 in (21.0 m)	<b>Size Rating:</b>	Sikorsky S-61N
<b>Helideck Equipment:</b>	Restart Capability	<b>Weight Rating:</b>	Sikorsky S-92N, (12.8 MT)
<b>Knuckle Boom Crane:</b>	<b>Main Line:</b> w/ Active Heave Compensation ABS / API 2C Certified	<b>Max Lift @ Max Radius:</b>	65 Mt @ 114 ft 10 in
		<b>Max Lift @ Min Radius:</b>	250 Mt @ 27 ft 3 in
		<b>Max Lift @ Max WD:</b>	92.3 Mt @ 12,140 ft WD
	<b>Whip Line:</b> w/ Active Heave Compensation Personnel Lift Certified	<b>Max Lift @ Max Height:</b>	163 Mt @ 136 ft 3 in abv MD
<b>Knuckle Boom Crane:</b>	NOV w/ Active Heave Compensation	<b>Max Lift @ Max Radius:</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>	29.2 Mt @ 95 ft 0 in
		<b>Max Lift @ Min Radius:</b>	70 Mt @ 25 ft 0 in (1 fall) 100 Mt @ 25 ft 0 in (2 falls)
		<b>Max Lift @ Max Depth:</b>	49 Mt @ 6,580 ft WD
<b>Deck Crane:</b>	1 x Appleton EB70-53-33 Personnel Lift Certified	<b>Max Lift @ Max Radius:</b>	3 Mt @ 53 ft
		<b>Max Lift @ Max Radius:</b>	13 Mt @ 16 ft
<b>Fast Rescue Craft:</b>	1 x 15 Person(s)	<b>Tuggers:</b>	2 x 12 Mt
<b>Moon Pool:</b>	15ft x 18ft with Hatch	<b>Watermaker Capacity:</b>	8,000 USG/day
<b>ROV:</b>	2 x 250 HP Work Class (TBD)	<b>DP Reference:</b>	1 x Kongsberg HiPAP 500

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