



310' Class DPS-2 MPSV DWT 4,506

# HARVEY DEEP SEA



### DIMENSIONS & DOCUMENTATIONS

Length Overall:	302 ft 92.1 m	Beam:	64 ft 19.5 m	Depth:	24.5 ft 7.47 m
GRT (ITC):	4,645	Net:	1,393	Max Draft:	20.00 ft 6.10 m
Classification:	ABS	Flag:	US	Min Draft:	11.00 ft 3.35 m
Classification ID:	13235266	O.N.	1230060	Year Built:	2013
IMO:	9581291				
Notations:	+A1, HELIDK, FFV 2, Offshore Support Vessel, Circle E, +AMS, +ACCU, +DPS 2, NBLES, ENVIRO+, GP				
Certifications	Subchapter I, Subchapter L, SOLAS				

### PERFORMANCE

Maximum Speed:	14.00 knots	Fuel Consumption:	453 gal/hr 1,714.2 l/hr
Cruising Speed:	12.00 knots	Fuel Consumption:	289 gal/hr 1,093.6 l/hr
Economical Speed:	8.00 knots	Fuel Consumption:	153 gal/hr 579.0 l/hr

### MACHINERY

Main Generators:	4 x Caterpillar 3516 Tier IV - Convertteam Hyundai	Total Rating:	9,000 kW
Main Propulsion:	2 x Schottel SRP-2020 Fix Pitch Azimuthing Propellers in Nozzle	Total Horsepower:	6,700 BHP
Bow Thrusters:	3 x Schottel SST4 Fixed Pitch	Total Horsepower:	4,743 BHP
Power Generation:	690V/60Hz/3Phase		

### CAPACITIES & DISCHARGE RATES

Deadweight:	4,506 Lt 4,579.6 Mt	Cargo Deck Area:	185.0 ft x 56.0 ft 10,360 ft <sup>2</sup>
Deck Cargo:	2,100 Lt 2,134.3 Mt		56.4 m x 17.1 m 963.0 m <sup>2</sup>
Deck Strength:	1,000 lbs/ft <sup>2</sup> 4.9 t/m <sup>2</sup>	Deck Strength Area:	8,785 ft <sup>2</sup> 816.6 m <sup>2</sup>
Deck Strength	2,050 lbs/ft <sup>2</sup> 10.0 t/m <sup>2</sup>	Deck Strength Area:	1,575 ft <sup>2</sup> 146.4 m <sup>2</sup> (165 Mt Near Crane)
Drill/Rig Water:	536,558 USG 2,031.1 m <sup>3</sup>	Discharge Rate:	750 GPM 170.3 m <sup>3</sup> /hr
Liquid Mud:	15,470 Bbls 2,459.5 m <sup>3</sup>	Discharge Rate:	1,000 GPM 159.0 m <sup>3</sup> /hr
Fuel:	358,457 USG 1,356.9 m <sup>3</sup>	Discharge Rate:	750 GPM 170.3 m <sup>3</sup> /hr
Methanol:	1,688 Bbls 268.4 m <sup>3</sup>	Discharge Rate:	250 GPM 56.8 m <sup>3</sup> /hr
Dry Bulk:	8,200 ft <sup>3</sup> 232.2 m <sup>3</sup>	Discharge Rate:	80 psi 6 bar
Potable Water:	24,467 USG 92.6 m <sup>3</sup>		

Fire Monitor: 2 x 15,850 GPM 3,600.0 m<sup>3</sup>/hr

### ELECTRONICS

Kongsberg K-Pos 21, Furuno GPS Naviagtor 150 / 2 XRS232/RS485, 3 X RS232/RS485, 1 X Cyscan Laser : 1 X HiPAP 500 : 1 X RADIUS 1000, Kongsberg C-Joy, (2) Furuno FAR2137-12 S band / Furuno FAR2117 X band, Furuno FE700, Furuno DS-80, Furuno RC1800T, Furuno FS-2571-C / Furuno FS-1503, Furuno FELCOM15STD-C, Furuno FNX-700P, Furuno IC-307

### ACCOMMODATIONS

34 air conditioned/heated staterooms for 67 person(s) berthing total. The rooms are configured as follows:  
8 air conditioned staterooms for 1 person(s) berthing each. 22 air conditioned staterooms for 2 person(s) berthing each.  
1 air conditioned staterooms for 3 person(s) berthing each. 3 air conditioned staterooms for 4 person(s) berthing each.  
Conference Room/Cinema, Gym, 2 x Client Offices, Client Conference Room, ROV Control Room

### SPECIAL FEATURES

Helideck Diameter:	68 ft 6 in (20.9 m)	Size Rating:	Sikorsky S-61N
Helideck Luggage Shute		Weight Rating:	Sikorsky S-92, (12 Tons)
Knuckle Boom Crane:	1 x National Oil Well Varco /w Active Heave Compensation	Max Lift @ Max Radius:	162.4 Lt @ 39.4 ft 165 Mt @ 12 m
		Max Lift @ Min Radius:	49.2 Lt @ 111.5 ft 50 Mt @ 34 m
		Aux. Lift @ Min Radius:	19.7 Lt @ 118.1 ft 20 Mt @ 36 m
		Max Lift @ Max Depth:	87.7 Lt @ 9,840 ft 89.1 Mt @ 3,000 m
		Man Life Rating:	2.0 Lt @ 118.1 ft 2 Mt @ 36 m
Stores Crane:	1 x Green Marine Telescoping	Max Lift @ Max Radius:	1,500 Lbs @ 27 ft 680.4 kg @ 8.2 m
200 Mt Stern Roller:	20 ft 0 in x 5 ft 0 in (6.1 m x 1.5 m)	Working Moon Pool:	15 ft 0 in x 18 ft 0 in with Hatch
Incinerator		Water Maker	

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