



310' Dual Fuel Class DPS-2 PSV DWT 5,312

HARVEY LIBERTY



DIMENSIONS & DOCUMENTATIONS

Length Overall:	310 ft 94.5 m	Beam:	64 ft 19.5 m	Depth:	25.5 ft 7.77 m
GRT (ITC):	<6,000	Net:		Max Draft:	19.92 ft 6.07 m
Classification:	ABS	Flag:	US	Min Draft:	11.50 ft 3.51 m
Classification ID:	TBD	O.N.	TBD	Year Built:	2014
IMO:	TBD				
Notations:	†A1, Offshore Support Vessel, †AMS, †ACCU, †DPS-2, ENVIRO+, GP, UWILD, FFV-1, GFS(Dual Fuel Diesel), Circle E				
Certifications	Subchapter I, Subchapter L, SOLAS				

PERFORMANCE

Maximum Speed:	14.00 knots	Fuel Consumption:	284 gal/hr	1,074.7 l/hr
Cruising Speed:	12.00 knots	Fuel Consumption:	186 gal/hr	703.8 l/hr
Maximum Speed:	14.00 knots	LNG Consumption:	393 gal/hr	1,487.1 l/hr
Cruising Speed:	12.00 knots	LNG Consumption:	185 gal/hr	700.0 l/hr
		LNG Capacity:	78,000 USG	295.3 m ³

MACHINERY

Main Generators:	3 x Wartsila 6L34DF	Total Rating:	7,530 kW
Main Propulsion:	2 x Wartsila FS300-S/WN Azimuthing Propellers in Nozzle	Total Horsepower:	7,241 HP
Bow Thrusters:	2 x Wartsila	Total Horsepower:	1,992 BHP
Power Generation:	690V/60Hz/3Phase		

CAPACITIES & DISCHARGE RATES

Deadweight:	5,312 Lt (.est) 5,398.8 Mt	Cargo Deck Area:	190.5 ft x 55.0 ft 10,480 ft ²
Deck Cargo:	4,500 Lt (.est) 4,573.5 Mt		58.1 m x 16.8 m 974.1 m ²
Deck Strength:	1,000 lbs/ft ² 5 t/m ²		
Drill/Rig Water:	621,237 USG 2,351.6 m ³	Discharge Rate:	750 GPM 170.3 m ³ /hr
Liquid Mud:	18,000 Bbls 2,861.8 m ³	Discharge Rate:	1,000 Bbl/hr 159.0 m ³ /hr
Fuel:	253,194 USG 958.4 m ³	Discharge Rate:	750 GPM 170.3 m ³ /hr
Methanol:	1,613 bbls 256.4 m ³	Discharge Rate:	250 GPM 56.8 m ³ /hr
Dry Bulk:	10,250 ft ³ 290.2 m ³	Discharge Rate:	80 psi 6 bar
Potable Water:	16,730 USG 63.3 m ³		

Fire Monitor: 2 x 5,284 GPM 1,200.1 m³/hr

ELECTRONICS

Kongsberg K-Pos 21Green DP, 3 X Kongsberg SeatexDGPS Systems, 3 X C. Plath Navigat XMk1,Mod , 10, 1 X Cyscan Laser : 1 X RADIUS 1000Triple: 3 XDGPS Inputs, 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

19 air conditioned/heated staterooms for 42 person(s) berthing total. The rooms are configured as follows:
2 air conditioned staterooms for 1 person(s) berthing each. 14 air conditioned staterooms for 2 person(s) berthing each.
3 air conditioned staterooms for 4 person(s) berthing each.
1 x Lounge, 1 x Conference/Internet Room

SPECIAL FEATURES

Liferafts:	4 X 25 Man USCG and SOLAS Approved	DPS Hydro-Acoustic Well
Fast Rescue Craft:	1 Shart Harding with 40 hp Motor	Computerized Tank Level Indicator System
Foam Capability:	30 minutes of foam capability	Incinerator, Water Maker
Stores Crane:	1 x Green Marine Telescoping	Max Lift @ Max Rac 1,500 Lbs @ 27 ft 680.4 kg @ 8.2 m

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