



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

# HARVEY FREEDOM



## 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:	TBD		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 <sup>3</sup>

## 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 <sup>2</sup>
Deck Cargo:	4,500 Lt (.est)	4,573.5 Mt		58.1 m x 16.8 m	974.1 m <sup>2</sup>
Deck Strength:	1,000 lbs/ft <sup>2</sup>	5 t/m <sup>2</sup>			
Drill/Rig Water:	621,237 USG	2,351.6 m <sup>3</sup>	Discharge Rate:	750 GPM	170.3 m <sup>3</sup> /hr
Liquid Mud:	16,361 bbls	2,601.2 m <sup>3</sup>	Discharge Rate:	1,000 Bbl/hr	159.0 m <sup>3</sup> /hr
Fuel:	253,194 USG	958.4 m <sup>3</sup>	Discharge Rate:	750 GPM	170.3 m <sup>3</sup> /hr
Methanol:	1,613 bbls	256.4 m <sup>3</sup>	Discharge Rate:	250 GPM	56.8 m <sup>3</sup> /hr
Dry Bulk:	10,250 ft <sup>3</sup>	290.2 m <sup>3</sup>	Discharge Rate:	80 psi	6 bar
Potable Water:	16,730 USG	63.3 m <sup>3</sup>			

Fire Monitor: 2 x 5,284 GPM 1,200.1 m<sup>3</sup>/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 Rad 1,500 Lbs @ 27 ft 680.4 kg @ 8.2 m

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