



280' Class DPS-2 PSV DWT 3,629

HARVEY SPIRIT



DIMENSIONS & DOCUMENTATIONS

Length Overall:	280 ft	85.4 m	Beam:	60 ft	18.3 m	Depth:	19.50 ft	5.95 m
GRT (ITC):	2,261		Net:	807		Max Draft:	15.90 ft	4.85 m
Classification:	ABS		Flag:	US		Min Draft:	9.60 ft	2.93 m
Classification ID:	7165265		O.N.	1191230		Year Built:	2009	
IMO:	9388106							
Notations:	ABS †A1, †AMS, †DPS 2, FFV1, Circle E							
Certifications	Subchapter L, SOLAS							

PERFORMANCE

Maximum Speed:	13.00 knots	Fuel Consumption:	275 gal/hr	1040.6 l/hr
Cruising Speed:	10.00 knots	Fuel Consumption:	150 gal/hr	567.6 l/hr

MACHINERY

Main Engines:	GE 7FDM12 X 2	Total Horsepower:	6,140 BHP
Propellers:	2 Fixed Pitch 5 Blade	Propeller Diameter:	96 in 2,438 mm
Main Generators:	Cummins KTA19	Total Rating:	1,275 kW
Bow Thrusters:	2 Cummins KTA 32 Controll Pitch	Total Horsepower:	2,200 BHP
Stern Thruster:	1 Cummins KTA 32 Controll Pitch	Total Horsepower:	1,100 BHP
Rudders:	Schilling Fishtail; Independent Steering	Power Generation:	480V/60Hz/3Phase

CAPACITIES & DISCHARGE RATES

Deadweight	3,629 Lt	3,688.3 Mt	Cargo Deck Area:	202.0 ft x 52.0 ft	10,504 ft ²
Deck Cargo:	2,670 Lt	2,713.6 Mt		61.6 m x 15.9 m	975.0 m ²
Deck Strength:	1,050 lbs/ft ²	5.1 t/m ²			
Drill/Rig Water:	344,257 USG	1,303.2 m ³	Discharge Rate:	800 GPM	181.7 m ³ /hr
Liquid Mud:	10,580 Bbls	1,682.1 m ³	Discharge Rate:	750 Bbl/hr	170.3 m ³ /hr
Methanol:	60,592 USG	229.3 m ³	Discharge Rate:	700 GPM	159.0 m ³ /hr
Fuel:	154,437 USG	584.6 m ³	Discharge Rate:	800 GPM	181.7 m ³ /hr
Dry Bulk:	12,355 ft ³	349.9 m ³	Discharge Rate:	80 psi	6 bar
Potable Water:	12,538 USG	47.5 m ³			

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

ELECTRONICS

Kongsberg Simrad SPD 22, Furuno GPS Navigator 150 / Seatex DPS 116, 3 X Sperry Navigat X MK 1, 1 X MK 4.2 2000 Meter Fanbeam / 3 X RADius 1000-S with 2 X 700 transponders, 2 X Kongsberg Simrad C-JOY OT, 10" "Baker Lyman", 2 X Furuno FAR-2117 Series, Furuno FE700, Furuno Felcom 15, Furuno SEA 235, Furuno Felcom 15, Furuno NX 700, Furuno FS 2570, Wave Call 3000, Global Synergies

ACCOMMODATIONS

8 air conditioned/heated staterooms for 20 person(s) berthing total. The rooms are configured as follows:
 2 air conditioned staterooms for 1 person(s) berthing each. 3 air conditioned staterooms for 2 person(s) berthing each.
 3 air conditioned stateroom 4 person(s) berthing each.
 1 x Lounge

SPECIAL FEATURES

Windlass:	Coastal Machinery 2W15031-13	Anchor / Chain:	2 X 4,630 lb. Danforth / 1.5" X 720'
Liferafts:	4 X 20 Man USCG and SOLAS Approved	Computerized Cargo Discharge System	
Rescue Craft:	1 MK 2 6 Meter Fiberglass Hull W/50 Hp Tohatsu Motor	Fuel Management Program	
Computerized Tank Level Indicator System		Ergonomically Designed Pilothouse	
Computerized Vessel Stability Program		Computerized Navigation Map Program	
Liquid Mud Pipe Stripping System			

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