



220' Class DPS-2 PSV DWT 1,700 (est.)

# HARVEY CHALLENGER



## DIMENSIONS & DOCUMENTATIONS

Length Overall:	220 ft	67.1 m	Beam:	48 ft	14.6 m	Depth:	18.00 ft	5.49 m
GRT (ITC):	>1,600		Net:	TBD		Max Draft:	15.00 ft	4.57 m
Classification:	ABS		Flag:	US		Min Draft:	7.50 ft	2.29 m
Classification ID:	15243530		O.N.	CG1175122		Year Built:	2015	
IMO:	9780835							
Notations:	†A1, Offshore Support Vessel, Circle E, †AMS, †DPS 2							
Certifications	Subchapter I, L, SOLAS							

## PERFORMANCE

Maximum Speed:	12.00 knots
Cruising Speed:	10.00 knots

## MACHINERY

Main Engines:	(2) x CATERPILLAR 3512C Tier III	Total Horsepower:	3,822 BHP
Propellers:	5 Blade Bronze	Propeller Diameter:	84 in 2,134 mm
Main Generators:	(2) x CATERPILLAR C-32	Total Rating:	1,820 kW
Bow Thrusters:	(2) x Schottel STT 1	Total Horsepower:	1,200 BHP
Stern Thruster:	(2) x Schottel STT 170	Total Horsepower:	600 BHP
Rudders:	Stream Line w/ Fish Tail	Power Generation:	480V/60Hz/3Phase

## CAPACITIES & DISCHARGE RATES

Deadweight:	1,700 Lt (est.)	1,727.8 Mt	Cargo Deck Area:	144.0 ft x 40.0 ft	5,760 ft <sup>2</sup>
Deck Cargo:	800 Lt	813.1 Mt		43.9 m x 12.2 m	535 m <sup>2</sup>
Deck Strength:	1,000 lbs/ft <sup>2</sup>	4.9 t/m <sup>2</sup>			
Drill/Rig Water:	159,400 USG	603.4 m <sup>3</sup>	Discharge Rate:	300 GPM	68.1 m <sup>3</sup> /hr
Liquid Mud:	5,000 bbls	794.9 m <sup>3</sup>	Discharge Rate:	857 Bbl/hr	136.3 m <sup>3</sup> /hr
Fuel:	123,800 USG	468.6 m <sup>3</sup>	Discharge Rate:	300 GPM	68.1 m <sup>3</sup> /hr
Dry Bulk:	6,000 ft <sup>3</sup>	169.9 m <sup>3</sup>	Discharge Rate:	80 psi	6 bar
Potable Water:	24,000 USG	90.8 m <sup>3</sup>			

Fire Monitor: 1 x 1,200 GPM 272.5 m<sup>3</sup>/hr

## ELECTRONICS

KONGSBERG DPS-2 SYSTEM, RADARS (2) FURUNO, (3) VHF(1) SSB, FATHOMETER (1) FURUNO, GPS, DIGITAL GLOBAL POSITIONING SYSTEM FURUNO, AUTOMATIC IDENTIFICATION SYSTEM FURUNO

## ACCOMMODATIONS

13 air conditioned/heated staterooms for 37 person(s) berthing total. The rooms are configured as follows:

1 air conditioned staterooms for 1 person(s) berthing each.      6 air conditioned staterooms for 4 person(s) berthing each.

6 air conditioned staterooms for 2 person(s) berthing each.

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