



Dundee Shipping

Offshore Energy Logistics

VESSEL: PSV DUNDEE

Characteristics

Length, Overall.....	184.1 ft	56.1 m
Beam.....	47 ft	14.3 m
Depth.....	24.9 ft	7.6 m
Maximum Draft.....	16.9 ft	5.2 m
Light Draft.....	9 ft	2.7 m
Freeboard.....	7.9 ft	2.4 m
Displacement at Loadline.....	2,704 lt	2,748 t
Deadweight.....	1,541 lt	1,566 t
Clear Deck Space.....	104 x 3 ft	31.7 x 10.9 m
Deck Strength.....	1,027 lb/ft ²	5.0 t/m ²

Capacities

Deck Cargo.....	954 lt	970 t
Cargo Water.....	24,300 gal	92 t
Fuel Oil.....	111,500 gal	359.5 t
Potable Water.....	111,000 gal	420.0 t
Bulk Tanks (4) Total.....	5,300 ft ³	150 m ³
Drilling Fluid (17 lbs/gal)...	2,453 bbl	390.0 m ³
Brine.....	49,000 gal	220.2 t
Walk-In Cooler.....	300 ft ³	8.5 m ³
Walk-in Freezer.....	247 ft ³	7.0 m ³

Towing / Wench Capabilities

Tugger.....(1)	Yes
Line Pull.....	22,000 lbs

Vessel Mooring

Windlass.....	Yes
Anchors.....(2)	2800 lb (1,300 kg)
Chain (Per Side).....	248 meters of 34mm

Machinery

Main Engines.....(2)	DEUTZ KHD SBA12V528
Horsepower.....	3,500 bhp
Propellers.....(2)	2 main plus 2 spares
Bow Thruster.....(1)	MWM TDB 601-6
Driven By.....	436 bhp
Thrust (Max).....	5.5 st 5.0 t
Auxiliary Engines.....(3)	DETROIT DIESEL 6-71
Pump Engines.....(2)	DETROIT DIESEL V8-71

Accommodations

Berths.....	22
Galley Seating.....	11
Air Condition/Heating.....	Yes

Special Equipment

Fire Fighting.....	Monitor, Total 5280 GPM
Joystick Controls.....	Yes

Performance

Speed VS Fuel Consumption		
Maximum.....	13.5 knots	168 gph
Cruising.....	12 knots	112 gph
Economical.....	10.2 knots	58 gph
Range @ 12 knots.....	11,906 nm	
Transfer Rates		
Cargo Water....	353 gpm@197 ft	80 t/h@60 m
Fuel Oil.....	264 gpm@197 ft	51 t/h@60 m
Potable Water..	442 gpm@197 ft	100 t/h@60 m
Bulk.....	11.2 ft ³ @197 ft	30 t/h@60.0 m

Registration

Flag:	VANUATU (Pending Brazil Dual-Flag)	
Home Port:	PORT VILA	
Official Number:	9866	
Call Sign:	YJSA3	
Builder:	GUTEHOFFNUNGSHUETTE	Hull Number: 1118
Year Built:	1974 (Converted: 1984)	
Tonnage	1,322 GRT	396 NRT
GL	+ 100 A4 (Ice Class) (Pending Completion)	
Previous Names:	Dundee Tide, OSA Dundee, Frauenturm	

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