

Platform Supply Vessel 2500



▶▶ PICTURE OF SIMILAR VESSEL

GENERAL

Basic functions	Offshore supply
Classification	Lloyd's Register ≅ 100A1 Offshore Supply Ship, SG 2.8 (MUD tanks), ECO, WDL(5 t.m2 Aft to fr 59), ≅ LMC, UMS, DP(AA), CAC(3)

DIMENSIONS

Length o.a.	72.80 m
Length b.p.p.	67.60 m
Beam mld.	15.00 m
Depth mld.	7.00 m
Draught summer (base)	5.50 m
Deadweight (summer)	2500 t
Deck area	530 m ²
Deck load (at 1 m above deck)	850 t

TANK CAPACITIES

Ballast water / Drill water	500 m ³
Fuel oil (service)	400 m ³
Potable water	480 m ³
Fuel oil / Base oil	780 m ³
Liquid mud / Brine	480 m ³
Dry Bulk	140 m ³

PERFORMANCES (APPROX.)

Speed (at 4.50 m draught)	12.2 kn
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PROPULSION SYSTEM

Main engines	Diesel-Electric, 690 V, 60 Hz
Propulsion power	2x Electric motors of 1210 kW each
Propellers	2x 2100 mm, FPP, Azimuth in nozzle
Bow thruster	2x 550 kW, 1580 mm, FPP

AUXILIARY EQUIPMENT

Networks	690 V, 440 V, and 230 V - 60 Hz
Main Generator sets	4x CAT C32, each 940 kW at 1800 rpm
Emerg. generator set	1x CAT C4.4, 95 kW at 1800 rpm

DECK LAY-OUT

Anchor mooring winch	1x Electric-hydraulic, with 2 warping heads
Capstans	2x Electric-hydraulic, each 5 t pull
Tugger winch	2x Electric-hydraulic, each 10 t pull
Main crane	1x 2.3 t at 10.8 m

CARGO HANDLING SYSTEMS

Fuel oil / Base oil pumps	2x 150 m ³ /hr at 10 bar
Fresh water pumps	2x 70 m ³ /hr at 10 bar
Ballast / Drill water pumps	2x 150 m ³ /hr at 9 bar
Liquid mud / Brine pumps	2x 75 m ³ /hr at 9 bar
Dry bulk compressor	2x 60 t/hr
Liquid mud systems	Agitators, circulation system, hot-water tank cleaning system

ACCOMMODATION

Crew	15 persons
Passenger	12 persons
Cabins provided with internet, telephone and satellite TV.	

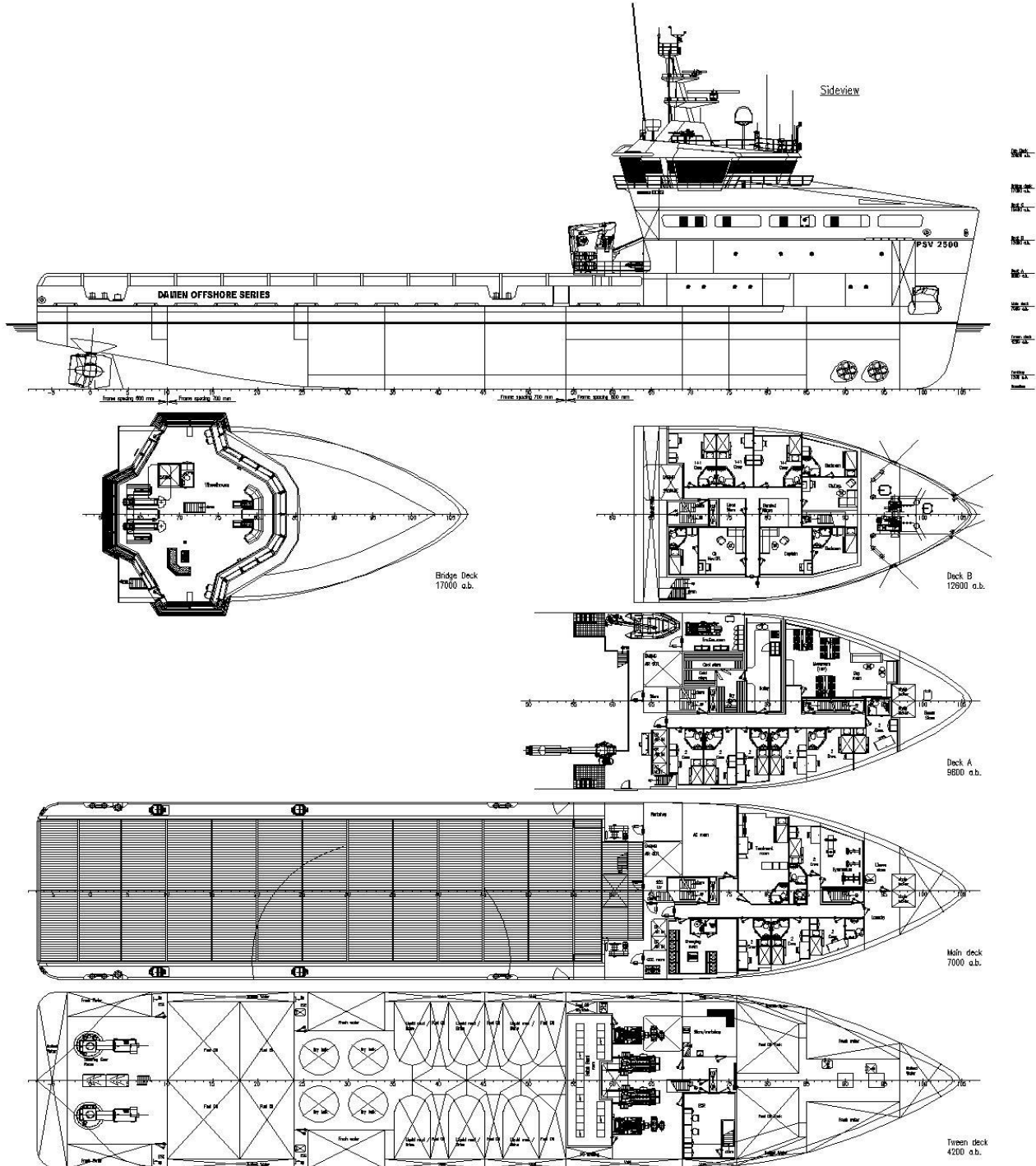
NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	1x X-band, 1x S-band and ECDIS
DP-system	DP-2
GMDSS	Area A3

OPTIONS

Oil recovery capability	
Methanol cargo capacity	
Fire Fighting ship 1, 2x 1200 m ³ /hr with waterspray	
Incinerator	
Extended accommodation	
Waste heat recovery system	

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