

Platform Supply Vessel 4000 CD



PICTURE OF SIMILAR VESSEL

GENERAL

Basic functions	Offshore supply
Classification	Ø1A1, SF, EO, Offshore Service Vessel, Supply – DYNPOS AUTR, DK(+), HL(2.8), COMF V(3), C(3), CLEAN DESIGN, NAUT-OSV(A), OILREC, RECYCLABLE

DIMENSIONS

Length o.a.	87.40 m
Beam mld.	17.60 m
Depth mld.	7.80 m
Draught summer	6.25 m
Deadweight (summer)	4100 t
Deck area	840 m ²
Deck load (vcg at 1 m above deck)	2100 t

TANK CAPACITIES

Ballast / drill water	1400 m ³
Fuel oil (service)	550 m ³
Fresh water	710 m ³
Liquid mud / brine	1020 m ³
Fuel oil cargo	1050 m ³
Base oil (combined with fuel oil)	500 m ³
Dry bulk	300 m ³
Optional recovered oil	1500 m ³
Optional lflp*	300 m ³

PERFORMANCES (APPROX.)

Speed (at 5.00 m draught)	14.5 kn
---------------------------	---------

PROPULSION SYSTEM

Main engines	Diesel-electric, 690 V, 60 Hz
Propulsion power	2x Electric motors of 2200 kW each
Azimuthing thrusters	2x Twin-propeller thrusters; each 2 x FP propeller, 2650mm diameter
Bow thrusters	2x 900 kW, 2000 mm, FP
Optional retractable thruster	

AUXILIARY EQUIPMENT

Networks	690 V, 440 V and 230 V – 60 Hz
Main generator sets	4x 1700 ekW at 1800 rpm
Emerg./harbour gen. Set	1x 238 ekW at 1800 rpm
Shore supply	1x 300A

DECK LAY-OUT

Anchor mooring winch	1x Electric-hydraulic, with rope drum and two warping heads
Capstans	2x Electric, each 5 t pull
Deck crane	1x Knuckle boom 2.3t at 11 m (harbour)
Tugger winch	2x Electric-hydraulic, 10 t pull

CARGO HANDLING SYSTEM

Ballast / drill water pump	2x 200 m ³ /hr
Liquid mud pump	2x 100 m ³ /hr
Fuel oil pump	2x 200 m ³ /hr
Fresh water pump	2x 200 m ³ /hr
Dry bulk system	2x 75 ton/hr
Liquid mud systems	Agitators, circulation system, hot-water tank cleaning system

ACCOMMODATION

Crew	20 persons
Passengers	6 persons
Fully compliant with mlc 2006	
Cabins provided with internet, telephone and satellite tv	

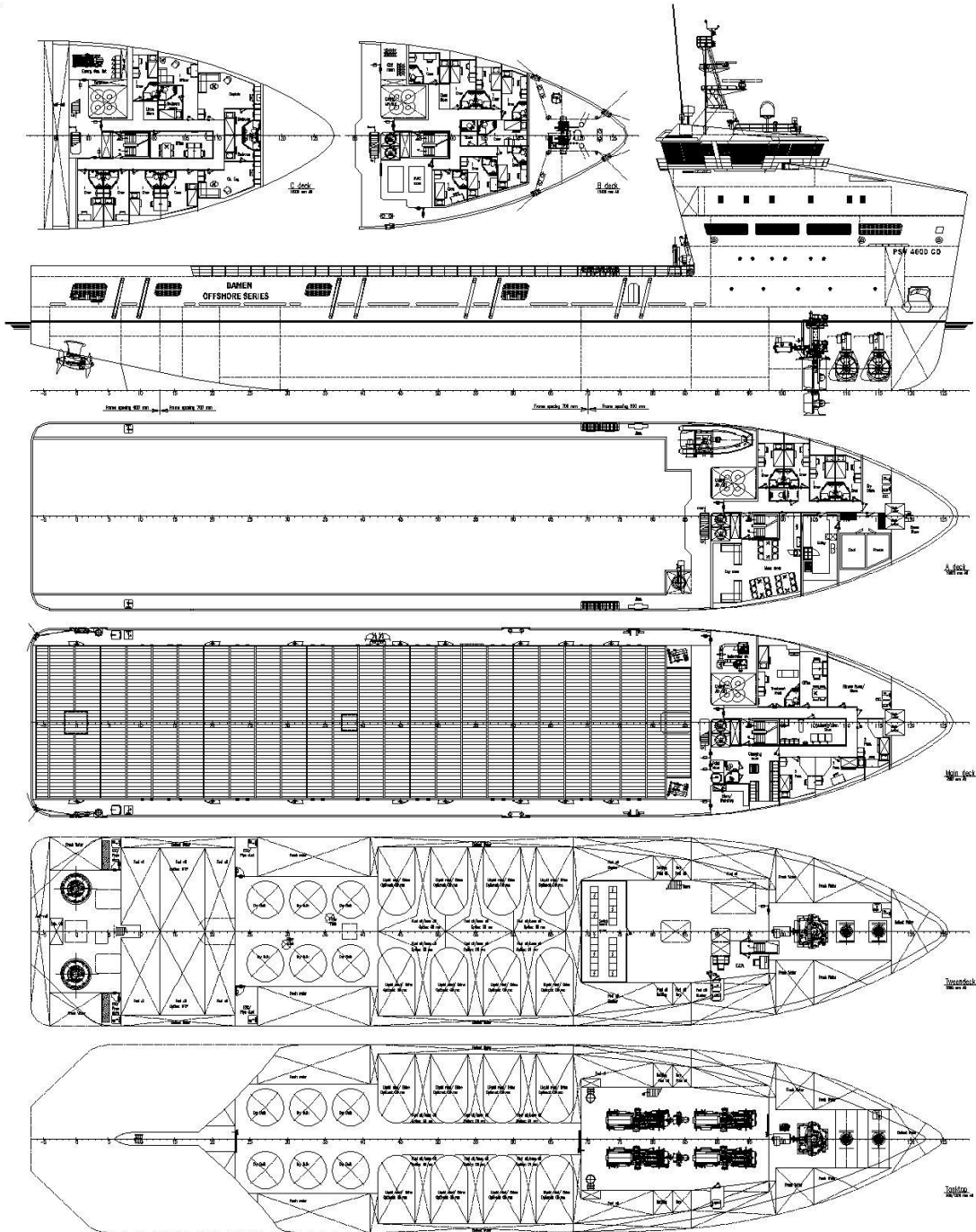
NAUTICAL AND COMMUNICATION EQUIPMENT

Nautical	Radar X-band + S-band, ECDIS, Conning
Dp- system	DP-2
Gmdss	Area A3

OPTIONS

3rd tunnel thruster or retractable thruster
 Capacity for Low-flash point liquids, recovered oil
 Fire-fighting Ship 1
 Waste heat recovery system
 Exhaust gas cleaning system (SCR)
 Damen E3 trademark
 Medium-speed generator sets

Platform Supply Vessel 4000 CD



DAMEN

Damen.com

©No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without written permission from Damen Shipyards Group