



DAMEN PLATFORM SUPPLY VESSEL 4000 CD

GENERAL

BASIC FUNCTIONS CLASSIFICATION

Offshore supply
 ⚓1A1, 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
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PROPULSION SYSTEM

MAIN ENGINES	Diesel-electric, 690 V, 60 Hz
PROPULSION POWER	2x Electric motors of 2200 kW each
AZIMUTING 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

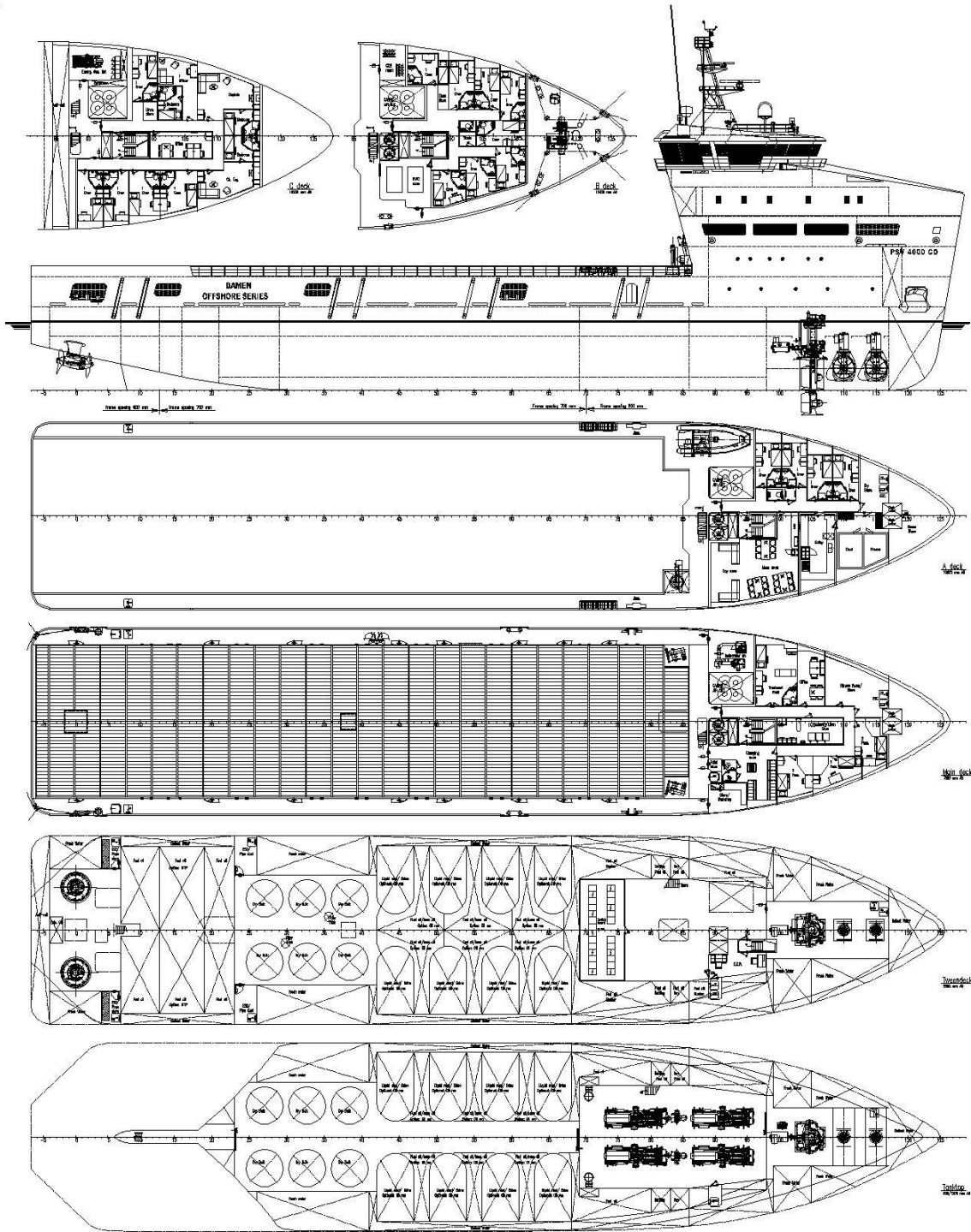
CREW	20 persons
PASSENGERS	6 persons
FULLY COMPLIANT WITH MLC 2006	
CABINS PROVIDED WITH INTERNET, TELEPHONE AND SATELLITE TV	

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



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DAMEN

DAMEN SHIPYARDS GORINCHEM

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