



DAMEN PLATFORM SUPPLY VESSEL 6000 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), RECYCLABLE

DIMENSIONS

LENGTH O.A.	89.90 m
BEAM MLD.	21.00 m
DEPTH MLD.	9.00 m
DRAUGHT SUMMER	7.10 m
DEADWEIGHT (SUMMER)	6300 t
DECK AREA	1110 m ²
DECK LOAD (VCG AT 1 M ABOVE DECK)	3000 t

TANK CAPACITIES

BALLAST / DRILL WATER	2400 m ³
FUEL OIL (SERVICE)	640 m ³
FRESH WATER	1400 m ³
LIQUID MUD / BRINE	1600 m ³
FUEL OIL CARGO	1600 m ³
BASE OIL (COMBINED WITH FUEL OIL)	500 m ³
DRY BULK	300 m ³
OPTIONAL RECOVERED OIL	1500 m ³
OPTIONAL LFLP*	350 m ³

PERFORMANCES (APPROX.)

SPEED (AT 5.00 M DRAUGHT)	14 kn
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PROPULSION SYSTEM

MAIN ENGINES	Diesel-electric, 690 V, 60 Hz
PROPULSION POWER	2x Electric motors of 2500 kW each
AZIMUTING THRUSTERS	2x FP propeller, 2800mm diameter
BOW THRUSTERS	2x 900 kW, 2000 mm, FP

AUXILIARY EQUIPMENT

NETWORKS

MAIN GENERATOR SETS	690 V, 440 V and 230 V – 60 Hz
EMERG./HARBOUR GEN. SET	4x 2050 ekW at 1800 rpm
SHORE SUPPLY	1x 240 ekW at 1800 rpm 1x 300A

DECK LAY-OUT

ANCHOR MOORING WINCH	1x Electric-hydraulic, with rope drum and two warping heads
CAPSTANS	2x Electric, each 10 t pull
DECK CRANE	1x Knuckle boom 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

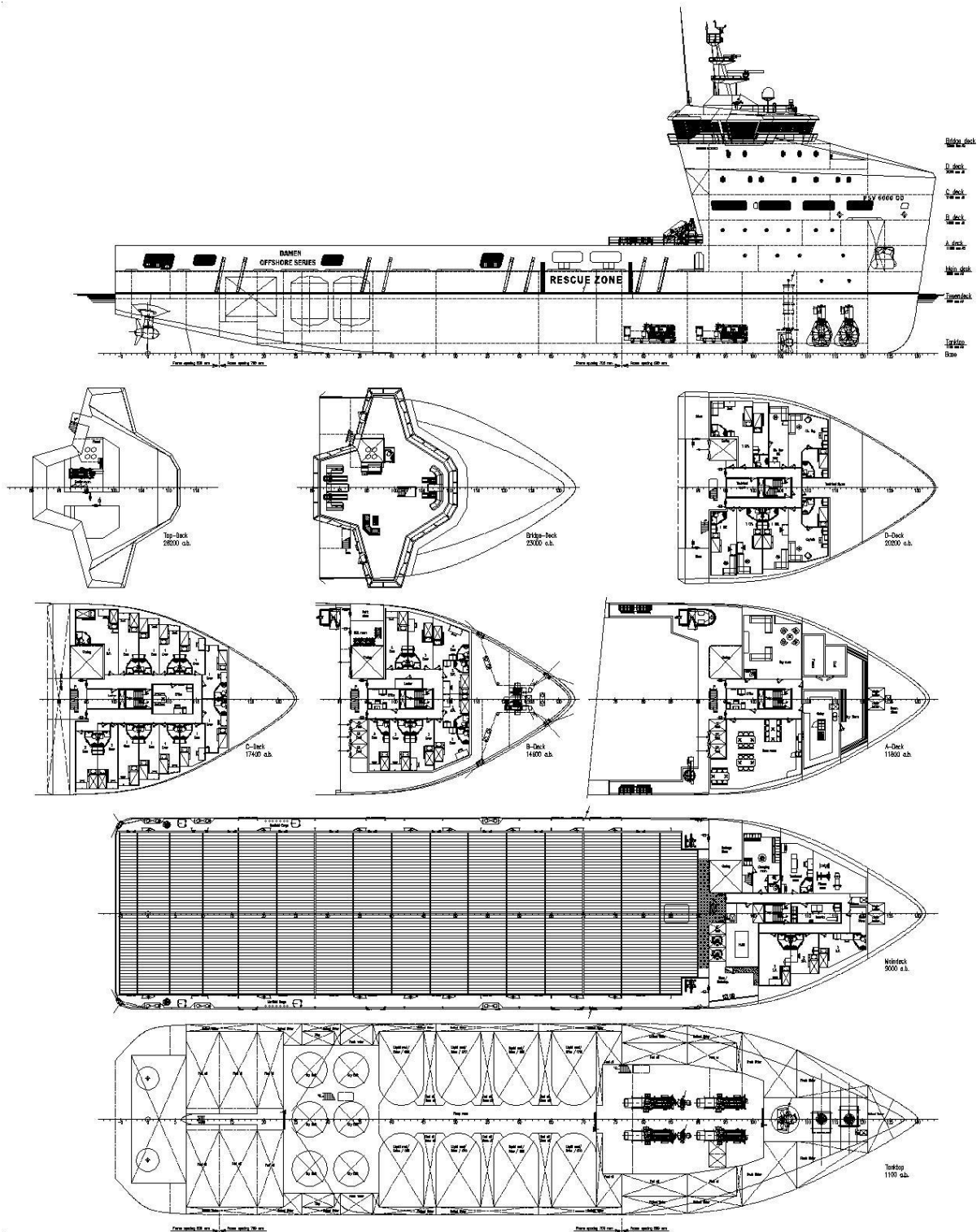
NUMBER OF CABINS	32
NUMBER OF PERSONS	49 (depending on cabin arrangement)
FULLY COMPLIANT WITH MLC 2006	
CABINS PROVIDED WITH INTERNET, TELEPHONE AND SATELLITE TV	

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

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.com
www.damen.com