Platform Supply Vessel 6000 CD



PICTURE OF SIMILAR VESSEL

GENERAL

Basic functions	Offshore supply
Classification	✠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

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	690 V, 440 V and 230 V – 60 Hz
Main generator sets	4x 2050 ekW at 1800 rpm
Emerg./harbour gen. Set	1x 240 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 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

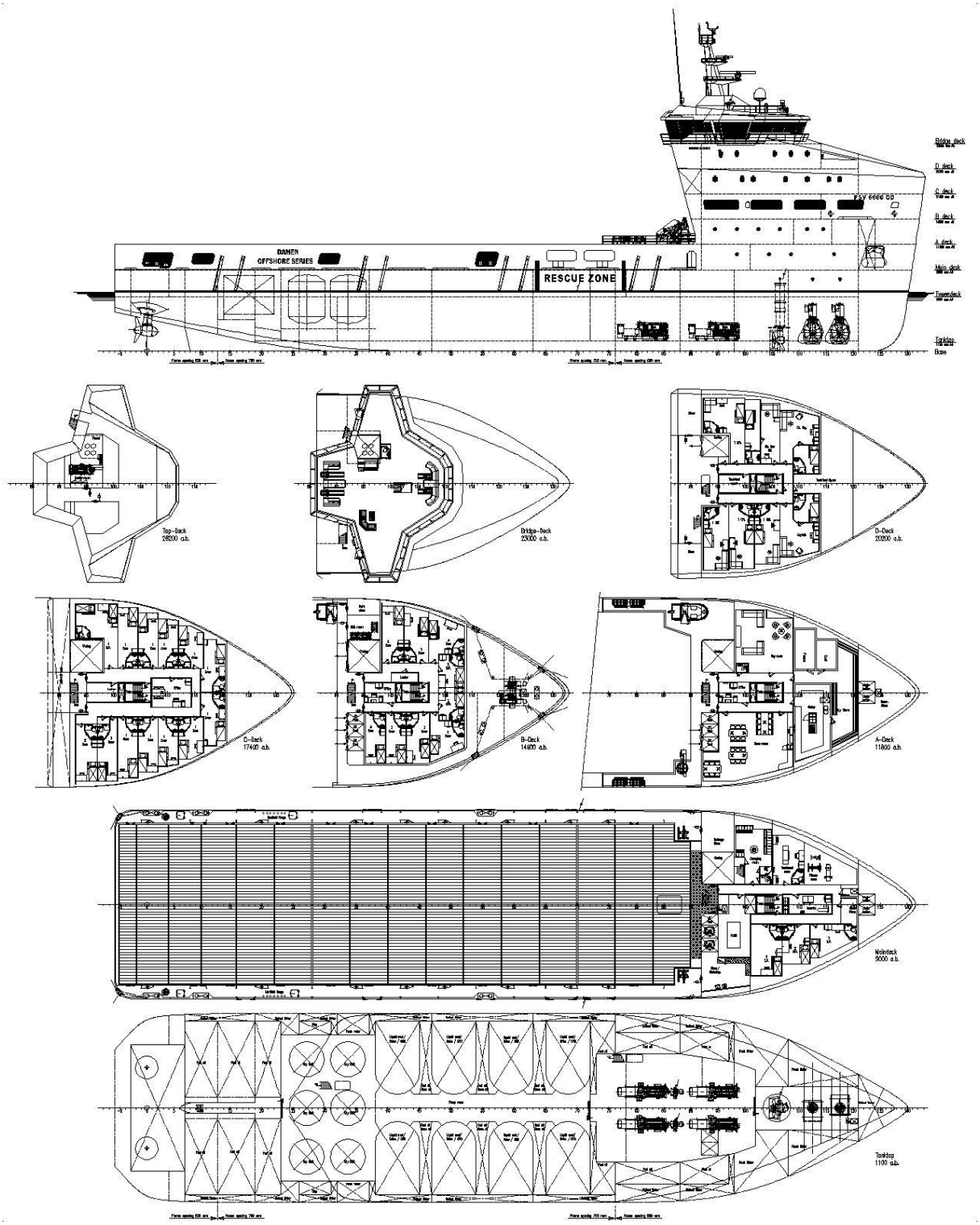
Nautical	Radar X-band + S-band, ECDIS, Conning
Dp- system	DP-2
Gmdss	Area A3

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

DAMEN

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