



DAMEN PLATFORM SUPPLY VESSEL 2500

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 |
|---------------------------|---------|

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

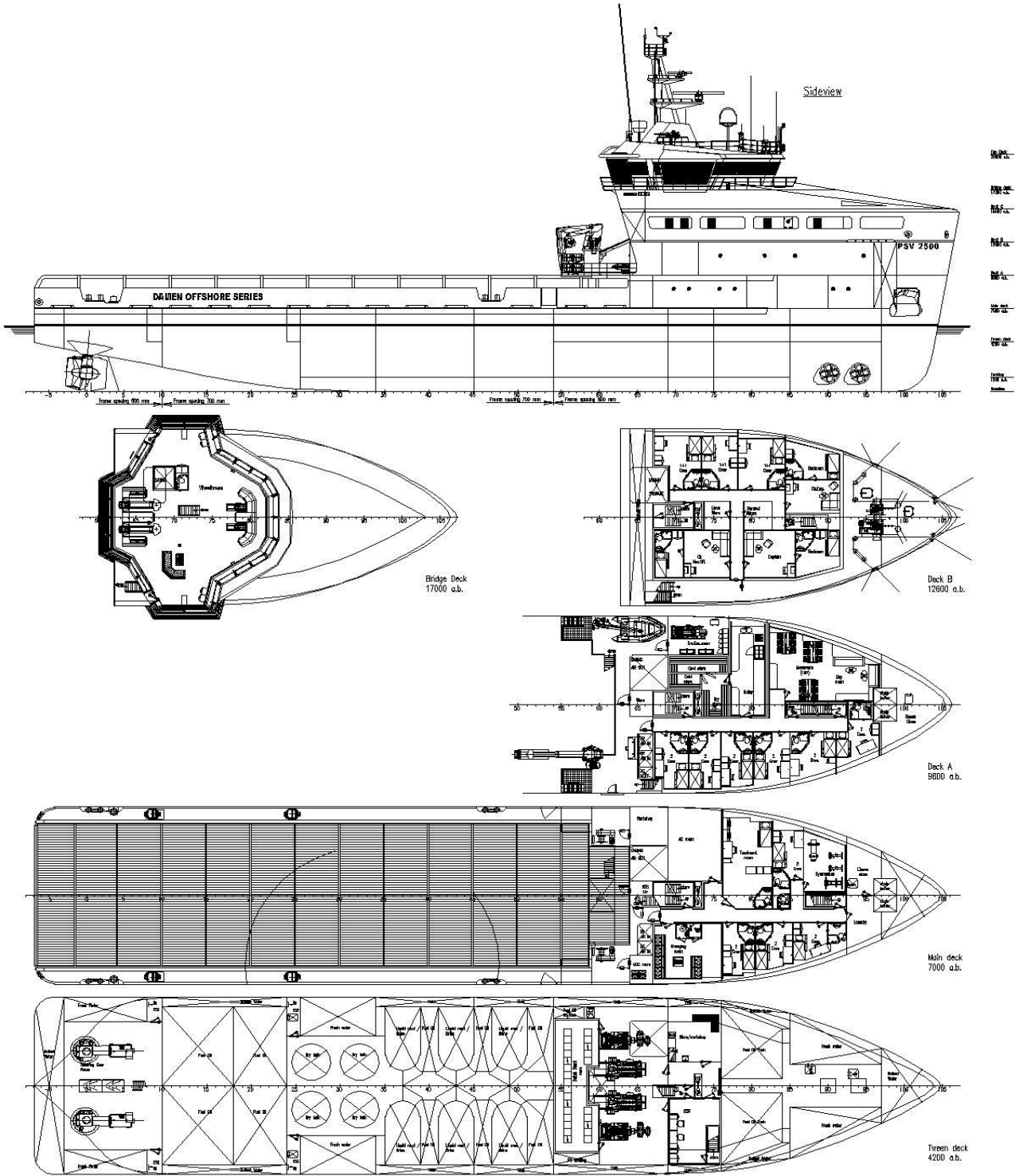
| | |
|--|------------|
| Crew | 15 persons |
| Passenger | 12 persons |
| Cabins provided with internet, telephone and satellite TV. | |

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 |



DAMEN PLATFORM SUPPLY VESSEL 2500

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.nl
www.damen.nl

DSG00-P0.0-rmmy

Registered at the Chamber of Commerce, no. 23036357, under the name BV Scheepswerf Damen Gorinchem.
All our offers are without engagement unless stated otherwise.
All activities carried out in accordance with the VNSI General Yard Conditions (Netherlands Shipbuilding Industry Association).