



## DAMEN PLATFORM SUPPLY VESSEL 1600

### GENERAL

BASIC FUNCTIONS  
CLASSIFICATION

Offshore supply  
✱100A1 Offshore Supply Ship, SG 2.8  
(MUD tanks), WDL( 2.5 t/m<sup>2</sup>), ✱ LMC,  
UMS, DP(AM)

### DIMENSIONS

LENGTH O.A.	60.80 m
BEAM MLD.	14.00 m
DEPTH MLD.	6.00 m
DRAUGHT SUMMER	5.00 m
DEADWEIGHT (SUMMER)	1600 t
DECK AREA	390 m <sup>2</sup>
DECK LOAD (VCG AT 1 M ABOVE DECK)	500 t

### TANK CAPACITIES

BALLAST WATER	570 m <sup>3</sup>
FUEL OIL (SERVICE)	220 m <sup>3</sup>
POTABLE WATER	240 m <sup>3</sup>
LIQUID MUD	390 m <sup>3</sup>
DRILL WATER	400 m <sup>3</sup>
FUEL OIL CARGO	430 m <sup>3</sup>
DRY BULK	170 m <sup>3</sup>

### PERFORMANCES (APPROX.)

SPEED (AT 4.00 M DRAUGHT)	12.3 kn
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### PROPULSION SYSTEM

MAIN ENGINES	2x 1200 kW at 1600 rpm
AZIMUTHING THRUSTERS	2x 2100 mm CP propellers in nozzle
BOW THRUSTERS	1x 400 kW, 1500 mm, FPP

### AUXILIARY EQUIPMENT

NETWORKS	440V, 230 V – 60 Hz
GENERATOR SETS	2x 550 ekW at 1800 rpm, 440 V, 60 Hz
EMERGENCY GENERATOR	1x 75 ekW at 1800 rpm, 440 V, 60 Hz
SHORE SUPPLY	1x 200 A

### DECK LAY-OUT

ANCHOR MOORING WINCH	1x Electric-hydraulic, with rope drum and 2 warping heads
CAPSTANS	2x Electric-hydraulic, each 5 t pull
DECK CRANE	1x Knuckle-boom 2.3 t at 11 m (harbour)
TUGGER WINCHES	2x Electric-hydraulic, each 10 t pull

### CARGO HANDLING SYSTEM

BALLAST / DRILL WATER PUMPS	2x 100 m <sup>3</sup> /hr
LIQUID MUD PUMPS	2x 50 m <sup>3</sup> /hr
FUEL OIL PUMPS	2x 70 m <sup>3</sup> /hr
FRESH WATER PUMPS	2x 70 m <sup>3</sup> /hr
DRY BULK SYSTEM	2x 50 ton/hr
LIQUID MUD SYSTEMS	Agitators, circulation system

### ACCOMMODATION

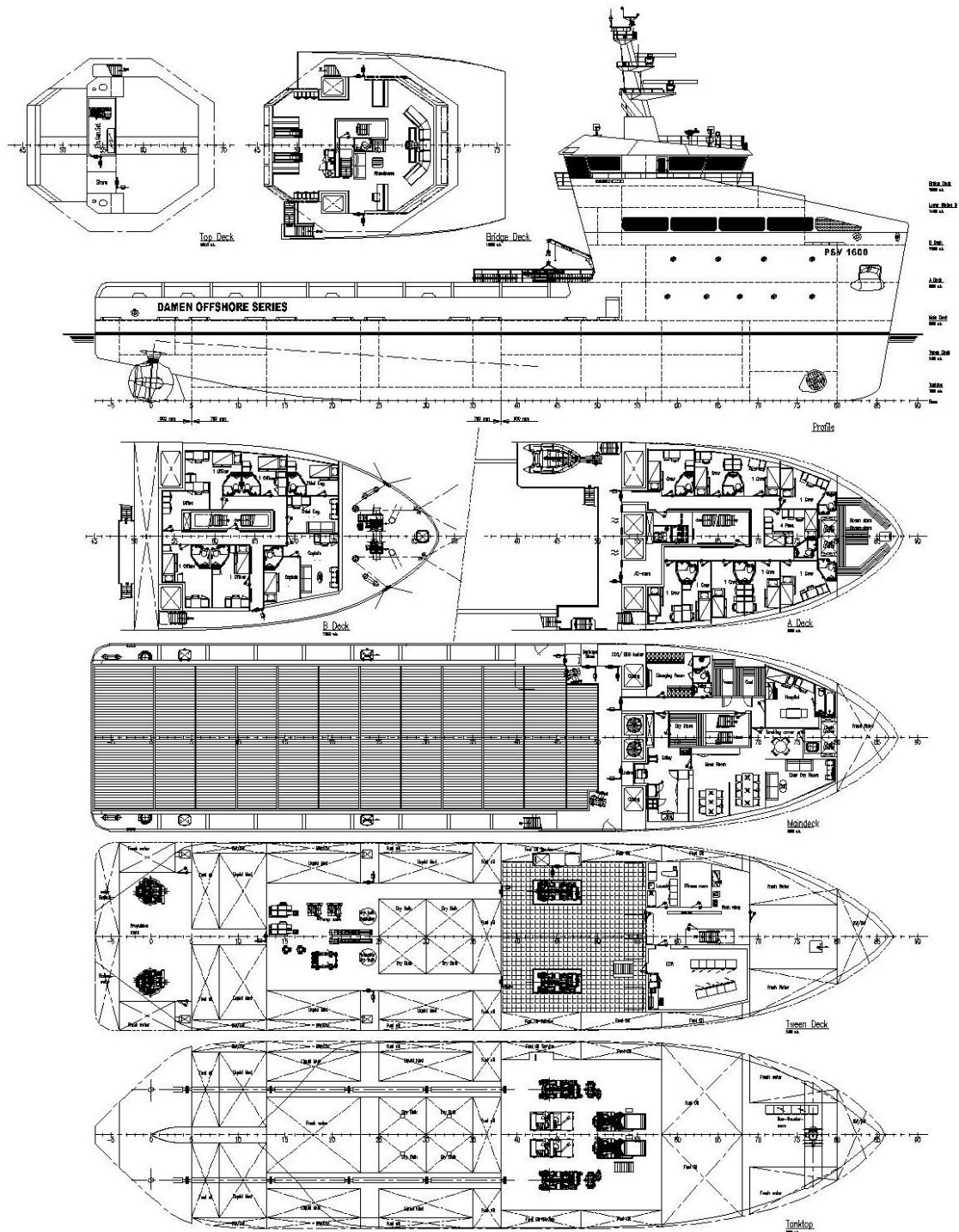
CREW	15 persons
PASSENGERS	4 persons

### NAUTICAL AND COMMUNICATION EQUIPMENT

NAUTICAL	Radar X-band + S-band, ECDIS, Conning
DP- SYSTEM	DP-1
GMDSS	Area A3

### OPTIONS

Fire-fighting ship 1  
Low-flashpoint liquids capacity  
Hot water tank cleaning system  
DP-2  
Environmental Class notation  
Damen E3 logo



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**DAMEN**

DAMEN SHIPYARDS GORINCHEM

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