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DAMEN PLATFORM SUPPLY VESSEL 3300 CD

GENERAL

BASIC FUNCTIONS
CLASSIFICATION

Offshore supply
Lloyd's Register
✳ 100A1 Offshore Supply Ship, SG
2.8 (MUD tanks), ECO, WDL(5 t/m²)
✳ LMC, UMS, DP(AA), CAC 3

DIMENSIONS

| | |
|-------------------------------|--------------------|
| LENGTH O.A. | 80.10 m |
| BEAM MLD. | 16.20 m |
| DEPTH MLD. | 7.50 m |
| DRAUGHT SUMMER | 6.15 m |
| DEADWEIGHT (SUMMER) | 3500 t |
| DECK AREA | 728 m ² |
| DECK LOAD (AT 1 M ABOVE DECK) | 1500 t |
| GROSS TONNAGE | 3830 GT |
| NET TONNAGE | 1510 NT |

TANK CAPACITIES

| | |
|-----------------------|---------------------|
| BALLAST / DRILL WATER | 1690 m ³ |
| FUEL OIL (SERVICE) | 450 m ³ |
| POTABLE WATER | 810 m ³ |
| FUEL OIL / BASE OIL | 870 m ³ |
| LIQUID MUD / BRINE | 869 m ³ |
| DRY BULK | 250 m ³ |

PERFORMANCES (APPROX.)

| | |
|---------------------------|---------|
| SPEED (AT 5.00 M DRAUGHT) | 13.5 kn |
|---------------------------|---------|

PROPULSION SYSTEM

| | |
|----------------------|-------------------------------------|
| MAIN ENGINES | Diesel-Electric, 690 V, 60 Hz |
| PROPULSION POWER | 2x Electric motors of 1500 kW each |
| AZIMUTHING THRUSTERS | 2x 2300 mm FP propellers in nozzles |
| BOW THRUSTERS | 2x 735 kW, 1740 mm, FPP |

AUXILIARY EQUIPMENT

| | |
|----------------------------|--------------------------------|
| NETWORKS | 690 V, 440 V and 230 V – 60 Hz |
| MAIN GENERATOR SETS | 2x 1370 ekW at 1800 rpm |
| | 2x 940 ekW at 1800 rpm |
| EMERG./HARBOUR GEN. SET | 1x 238 ekW at 1800 rpm |
| SHORE SUPPLY | 1x 400 A |
| WASTE HEAT RECOVERY SYSTEM | |

DECK LAY-OUT

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

CARGO HANDLING SYSTEM

| | |
|---------------------------|---|
| FUEL OIL / BASE OIL PUMPS | 2x 150 m ³ /hr |
| FRESH WATER PUMPS | 2x 150 m ³ /hr |
| DRILL WATER PUMPS | 2x 150 m ³ /hr |
| LIQUID MUD / BRINE PUMPS | 2x 75 m ³ /hr |
| DRY BULK COMPRESSOR | 2x 75 t/hr |
| LIQUID MUD SYSTEMS | Agitators, circulation system, hot-water tank cleaning system |

ACCOMMODATION

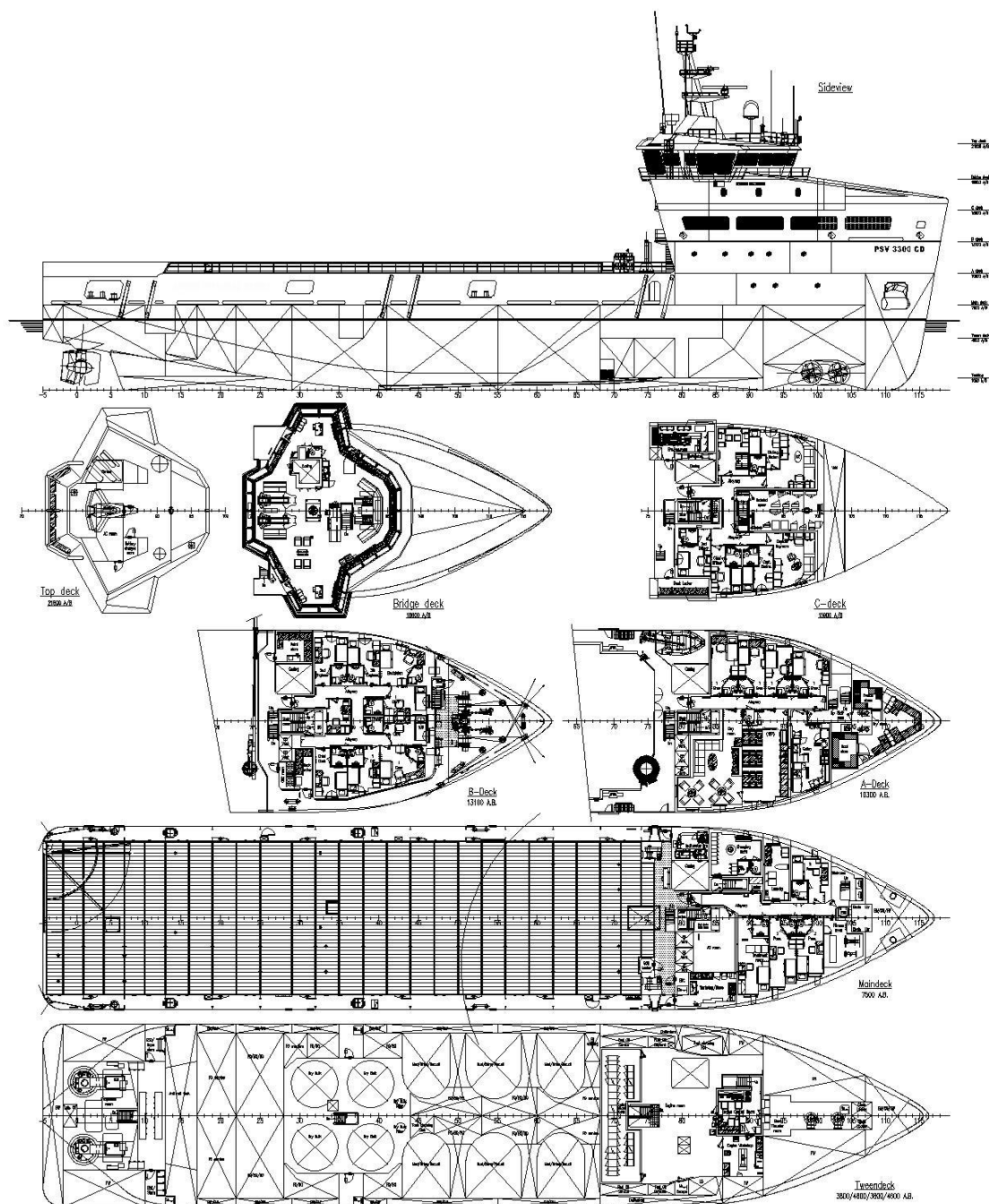
| | |
|--|------------|
| CREW | 16 persons |
| PASSENGERS | 6 persons |
| Cabins provided with Internet, telephone and satellite TV. | |

NAUTICAL AND COMMUNICATION EQUIPMENT

| | |
|-----------|---------------------------------------|
| NAUTICAL | Radar X-band + S-band, ECDIS, Conning |
| DP-SYSTEM | DP-2 |
| GMDSS | Area A3 |

OPTIONS

Oil recovery capability
Methanol cargo capacity
Fire-fighting ship 1, 2400 m³/hr + waterspray
Exhaust gas cleaning system (SCR)
Ballast Water Treatment system
Damen E3 Notation



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DAMEN

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