



copyright @ DAMEN

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

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

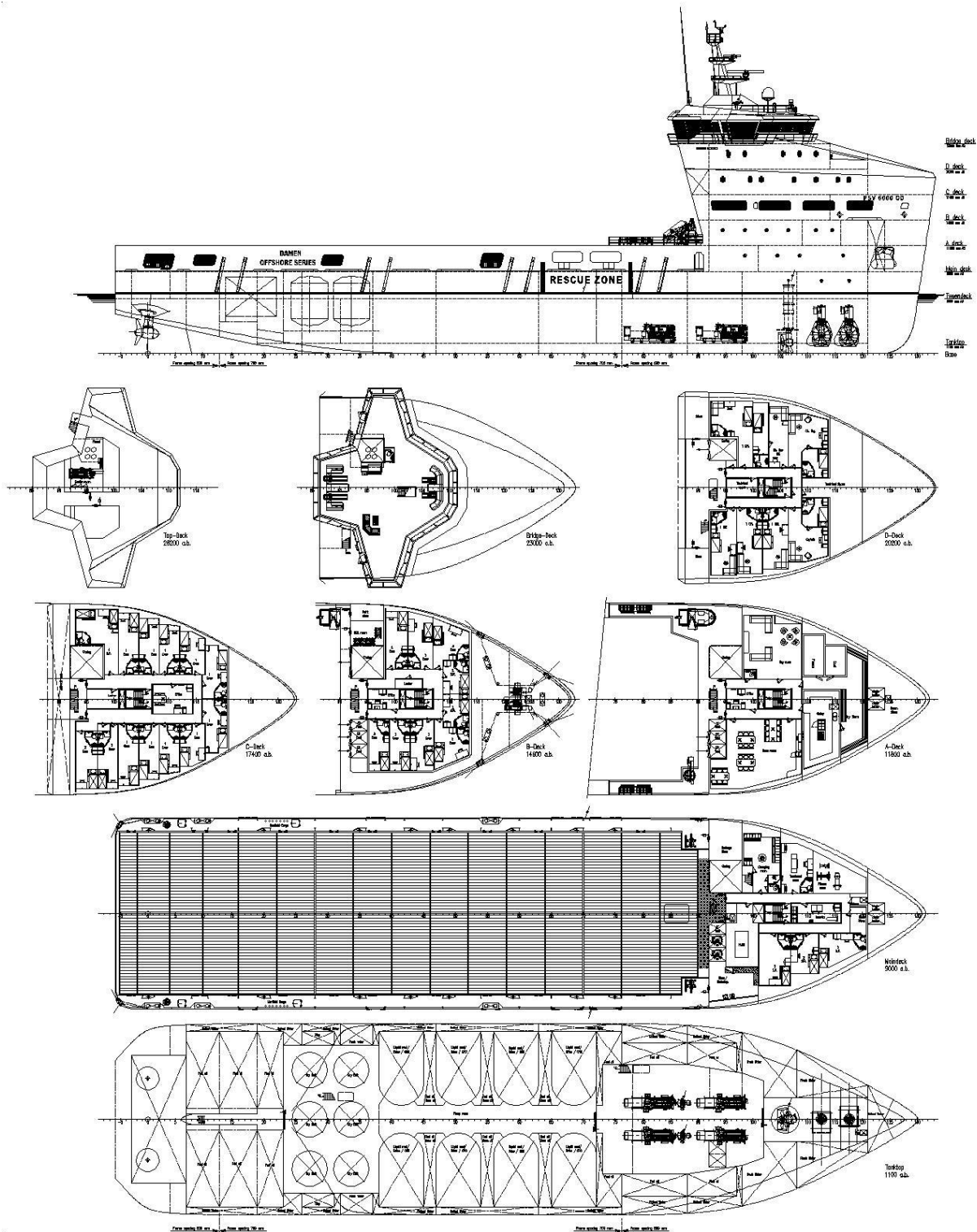
| | |
|-----------------------------------------------------------|-------------------------------------|
| NUMBER OF CABINS | 32 |
| NUMBER OF PERSONS | 49 (depending on cabin arrangement) |
| FULLY COMPLIANT WITH MLC 2006 | |
| CABINS PROVIDED WITH INTERNET, TELEPHONE AND SATELLITE TV | |

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 PLATFORM SUPPLY VESSEL 6000 CD

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