



DAMEN PLATFORM SUPPLY VESSEL 3300

MAMOLA DEFENDER

GENERAL

Yard number	552038
Delivery date	August 2015
Basic functions	Offshore supply
Classification	Lloyd's Register * Hull * Mach Supply Vessel / Fire Fighting Ship 1- waterspraying; Oil Recovery Ship Flashpoint < 60°C; Unrestricted Navigation * AUT-UMS; * DYNAPOS AM/AT R COMF-VIB-3; COMF NOISE-3 CLEANSHIP; GREEN PASSPORT Compliant with SPS Code 2008
Flag	Malta
Owner	PROMAR Shipping Services SA

DIMENSIONS

Length o.a.	80.10 m
Beam mld.	16.20 m
Depth mld.	7.50 m
Draught summer	6.00 m
Deadweight (summer)	3280 t
Deck area (total)	705 m ²
Deck load (at 1 m above deck)	1200 t
Gross tonnage	3042 GT
Net tonnage	912 NT

TANK CAPACITIES

Ballast / drill water	1460 m ³
Anti-roll tanks	174 m ³
Fuel oil (service)	425 m ³
Potable water	801 m ³
Fuel oil cargo	922 m ³
Base oil (combined with fuel oil)	895 m ³
Liquid mud / Brine	868 m ³
Recovered oil	1565 m ³
Dry bulk	259 m ³

PERFORMANCES (APPROX.)

Speed (at 5.00 m draught)	13.5 kn
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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
Emergency generator set	1x 238 ekW at 1800 rpm
Shore supply	1x 400 A
Waste heat recovery system	
Selective Catalytic NOx Reduction systems on all main generators	

DECK LAY-OUT

Anchor mooring winch	1x Electric-hydraulic, with 2 warping heads and rope storage drums
Capstans	2x Electric-hydraulic, each 13 t pull
Deck crane	1x Knuckle boom 4.3 t at 18 m (harbour) 14.5 t at 7.7 m
Tugger winch	2x Electric-hydraulic, each 15 t pull
Reefer sockets	10x 32A 440V-60Hz or 400V-50Hz
Rescue boat	1x Fast Rescue boat 7m, 20kn with inboard diesel engine and waterjet propulsion

CARGO HANDLING SYSTEM

Fuel oil / base oil pumps	2x 150 m ³ /hr
Fresh water pumps	2x 150 m ³ /hr
Drill water pumps	1x 150 m ³ /hr
Liquid mud / brine pumps	2x 90 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
Special personnel	16 persons

NAUTICAL AND COMMUNICATION EQUIPMENT

Nautical	Radar X-band + S-band, ECDIS, Conning
DP-system	DP-2
Communication	GMDSS, Area A3

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DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



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