



# DAMEN PLATFORM SUPPLY VESSEL 3300 CD

## WORLD DIAMOND

### GENERAL

Yard number 552022  
 Delivery date June 2013  
 Basic functions The vessel is a versatile PSV according to latest standards. The vessel has optional fire fighting capability.

Classification The vessel is designed in compliance with DNV Clean Design. Lloyd's Register  
 \* 100A1 Offshore Supply Ship, SG 2.8 (MUD tanks), Oil Recovery, \*IWS, EP (I, O, P), WDL( 5 t/m2 Aft to fr 75)  
 \* LMC, UMS, DP(AA), NAV1, IBS, CAC 3  
 Descriptive Note: Green Passport Norwegian (NIS)  
 Owner World Wide Supply

### DIMENSIONS

Length o.a. 80.03 m  
 Length b.p.p. 74.75 m  
 Beam mld. 16.20 m  
 Depth mld. 7.50 m  
 Draught summer 6.15 m  
 Deadweight (summer) 3500 t  
 Cargo deck area 728 m<sup>2</sup>  
 Deck load (at 1 m above deck) 1520 t  
 Gross tonnage 3832 GT  
 Net tonnage 1150 NT

### TANK CAPACITIES

Ballast / drill water 1694 m<sup>3</sup>  
 Fuel oil (service) 454 m<sup>3</sup>  
 Potable water 817 m<sup>3</sup>  
 Fuel oil / base oil 869 m<sup>3</sup>  
 Liquid mud / brine 869 m<sup>3</sup>  
 Dry bulk 259 m<sup>3</sup>  
 Recovery oil 1503 m<sup>3</sup>

### PERFORMANCES (APPROX.)

Speed (at summer draught) 13.7 kn

### PROPULSION SYSTEM

Main engines Diesel-Electric, 690 V, 60 Hz  
 Propulsion power 2x 1500 ekW  
 Propellers 2x 2300 mm, FPP, Azimuth in nozzle  
 Bow thrusters 2x 735 ekW, 1740 mm, FPP

### AUXILIARY EQUIPMENT

Main generator sets 2x CAT 3512C, each 1380 ekW at 1800 rpm  
 2x CAT C32, each 947 ekW at 1800 rpm  
 Emerg./harbour generator set 1x CAT C-09, 238 ekW at 1800 rpm  
 Waste heat recovery On HT cooling water system of each main generator  
 Exhaust gas cleaning Selective Catalytic Reduction systems on all main generator engines for effective NOx reduction  
 Ballast water Ballast water treatment system

### DECK LAY-OUT

Anchor mooring winch 1x electric-hydraulic, each with warping head  
 Capstans 2x each 5 t pull  
 Deck crane 1x 1.5 t at 16 m (harbour)  
 Tugger winch 2x each 10 t pull

### CARGO HANDLING SYSTEM

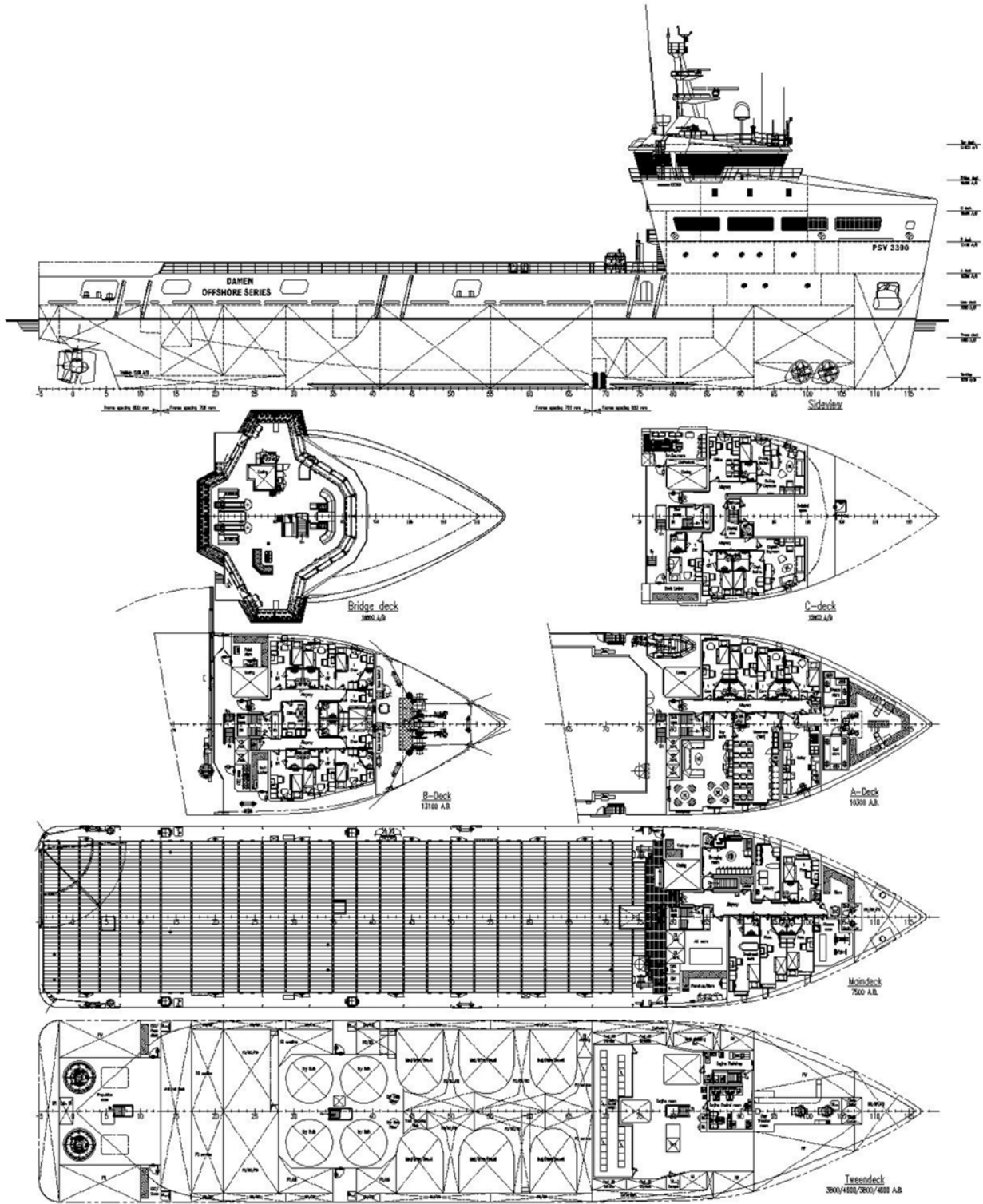
Fuel oil / base oil pumps 2x 150 m<sup>3</sup>/hr at 90 m head  
 Fresh water pumps 2x 150 m<sup>3</sup>/hr at 90 m head  
 Drill water pumps 2x 150 m<sup>3</sup>/hr at 90 m head  
 Liquid mud / brine pumps 2x 75 m<sup>3</sup>/hr at 85 m head  
 Dry bulk compressor 2x 75 t/hr at 80 m head  
 Fire fighting (optional) 2400 m<sup>3</sup>/hr + water spray system

### ACCOMMODATION

Crew 16 persons  
 Passengers 6 persons

### NAUTICAL AND COMMUNICATION EQUIPMENT

Nautical a.o. radar X-band, radar S-band, ECDIS  
 Communication GMDSS A3  
 Accommodation Provided with Internet, telephone and satellite TV



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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