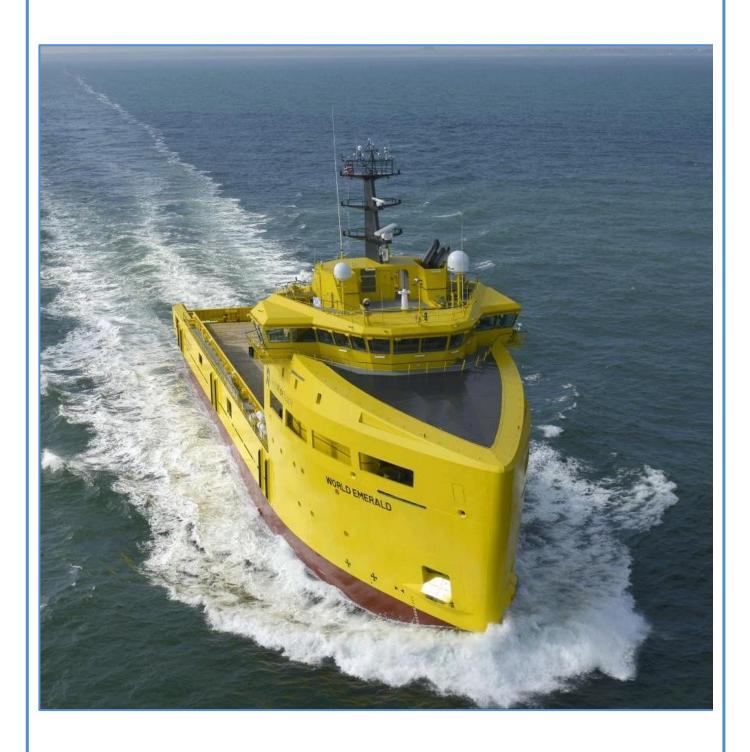
WORLD EMERALD / WORLD SAPPHIRE

PLATFORM SUPPLY VESSEL DP-2 Design Damen PSV 3300 CD



VESSEL INFORMATION

Ownership New World Emerald Ltd /

New World Sapphire Ltd Flag/Registry Norwegian / Fosnavaag

Builder Damen Shipyards Galata, Romania

Year built 2013

LASJ7 / LASU7 Call sign IMO number 9650200 / 9664445 Class Lloyd's Register

Notation ₱ 100A1 Offshore Supply Ship, SG 2.8

(MUD tanks), *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

Basic Functions The vessel is a versatile PSV according

> to latest standards. The vessel has optional fire fighting capability and is prepared for oil recovery operations.

CARGO CAPACITIES

Deck Cargo 1520 tons (at 1m above deck)

Deck Strength 5 t/m2 Fuel Oil / Base Oil 869 / 843 m3 Fuel Oil (service) 454 m3 Fresh Water 817 m3 Ballast / Drill Water 1460 m3 Anti-roll tanks 219 m3 Liquid Mud / Brine 551 / 317 m3 Dry Bulk 259 m3 Recovered Oil 1503 m3

PUMPS

Fuel Oil / Base Oil 2 x 150 m3/hr @ 90 m head Fresh Water 1 x 150 m3/hr @ 90 m head 1 x 150 m3/hr @ 90 m head Drill Water Liquid Mud / Brine 2 x 75 m3/hr @ 85 m head Dry Bulk compressor 2 x 75 t/hr @ 80 m head

Fire Fighting Optional

DECK EQUIPMENT

Anchor mooring winch 1 x electric-hydraulic, each with warping

head and mooring rope drum

Capstans 2 x each 5 t pull

Deck crane 1 x 1.5 t at 16 m (harbour)

Tugger winch 2 x each 10 t pull

Reefer slots 10 x 2 (5 x 2 sb / 5 x 2 ps)

PRINCIPAL PARTICULARS

Length Overall 80.03 m Length BPP 74.75 m Breadth Moulded 16.20 m Depth Moulded 7.50 m Summer Draft 6.15 m Gross 3832 tons 1516 tons Nett Deadweight 3500 tons

Deck area 728 m2 free deck (44 m x 13.5 m)

Height crash rail 3.8 m Stern door, ps aft 8.5 m wide

PROPULSION SYSTEM / AUXILIARY EQUIPMENT

Main Engines Diesel- Electric, 690 V, 60 Hz

Propulsion Power 2 x 1500 ekW

Propellers 2 x 2300 mm, FPP, Azimuth in nozzle

Bow Thrusters 2 x 735 BHP, 1740 mm, FPP

2 x 1380 eKw at 1800 rpm, CAT 3512C Main Generators

2 x 944 eKw at 1800 rpm, CAT C32

Emergency / harbour

Generator set 1 x 238 eKw at 1800 rpm, CAT C-09 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

PERFORMANCE

Max Speed 13.5 knots @ 15.5 mt / 24 hrs **Economic Speed** 8.5 knots @ 9.5 mt / 24 hrs

Cons. in Port 1.5 mt / 24 hrs Type of Fuel MDO/MGO

ACCOMMODATION

Cabins 16 x single cabins (min 10 crew)

3 x double cabins

1 x 1 berth cabin Hospital

Provided with internet, telephone and satellite TV

NAUTICAL AND COMMUNICATION EQUIPMENT

Communication equipment includes full GMDSS Area-3 Nautical a.o. radar X-band, radar S-band, ECDIS

TSCHUDI OFFSHORE & TOWAGE

45, Sluisplein, 1975 AG IJmuiden P.O. Box 199, 1970 AD IJmuiden THE NETHERLANDS

t: +31 (0) 88 548 5200

e:sales@tschudioffshoretowage.com i: www.tschudioffshoretowage.com



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