

WORLD EMERALD / WORLD SAPPHIRE

PLATFORM SUPPLY VESSEL DP-2
Design Damen PSV 3300 CD



VESSEL INFORMATION		PRINCIPAL PARTICULARS	
Ownership	New World Emerald Ltd / New World Sapphire Ltd	Length Overall	80.03 m
Flag/Registry	Norwegian / Fosnavaag	Length BPP	74.75 m
Builder	Damen Shipyards Galata, Romania	Breadth Moulded	16.20 m
Year built	2013	Depth Moulded	7.50 m
Call sign	LASJ7 / LASU7	Summer Draft	6.15 m
IMO number	9650200 / 9664445	Gross	3832 tons
Class	Lloyd's Register	Nett	1516 tons
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	Deadweight	3500 tons
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.	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
CARGO CAPACITIES		PROPULSION SYSTEM / AUXILIARY EQUIPMENT	
Deck Cargo	1520 tons (at 1m above deck)	Main Engines	Diesel- Electric, 690 V, 60 Hz
Deck Strength	5 t/m2	Propulsion Power	2 x 1500 ekW
Fuel Oil / Base Oil	869 / 843 m3	Propellers	2 x 2300 mm, FPP, Azimuth in nozzle
Fuel Oil (service)	454 m3	Bow Thrusters	2 x 735 BHP, 1740 mm, FPP
Fresh Water	817 m3	Main Generators	2 x 1380 ekW at 1800 rpm, CAT 3512C 2 x 944 ekW at 1800 rpm, CAT C32
Ballast / Drill Water	1460 m3	Emergency / harbour Generator set	1 x 238 ekW at 1800 rpm, CAT C-09
Anti-roll tanks	219 m3	Waste heat recovery	On HT cooling water system of each main generator
Liquid Mud / Brine	551 / 317 m3	Exhaust gas cleaning	Selective Catalytic Reduction systems on all main generator engines for effective NOx reduction
Dry Bulk	259 m3	Ballast water	Ballast water treatment system
Recovered Oil	1503 m3		
PUMPS		PERFORMANCE	
Fuel Oil / Base Oil	2 x 150 m3/hr @ 90 m head	Max Speed	13.5 knots @ 15.5 mt / 24 hrs
Fresh Water	1 x 150 m3/hr @ 90 m head	Economic Speed	8.5 knots @ 9.5 mt / 24 hrs
Drill Water	1 x 150 m3/hr @ 90 m head	Cons. in Port	1.5 mt / 24 hrs
Liquid Mud / Brine	2 x 75 m3/hr @ 85 m head	Type of Fuel	MDO/MGO
Dry Bulk compressor	2 x 75 t/hr @ 80 m head		
Fire Fighting	Optional		
DECK EQUIPMENT		ACCOMMODATION	
Anchor mooring winch	1 x electric-hydraulic, each with warping head and mooring rope drum	Cabins	16 x single cabins (min 10 crew) 3 x double cabins
Capstans	2 x each 5 t pull	Hospital	1 x 1 berth cabin
Deck crane	1 x 1.5 t at 16 m (harbour)		
Tugger winch	2 x each 10 t pull	Provided with internet, telephone and satellite TV	
Reefer slots	10 x 2 (5 x 2 sb / 5 x 2 ps)		
		NAUTICAL AND COMMUNICATION EQUIPMENT	
		Communication equipment includes full GMDSS Area-3 Nautical a.o. radar X-band, radar S-band, ECDIS	

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