

DP2 PLATFORM SUPPLY VESSEL
OOC EMERALD
SPECIFICATIONS



**MODERN DIESEL ELECTRIC PLATFORM SUPPLY VESSEL
DP2, FIRE FIGHTING I, OIL RECOVERY, COMFORT CLASS III**



OPIELOK OFFSHORE CARRIERS

Operators of modern offshore supply vessels



OPIELOK

OOO EMERALD - SPECIFICATIONS

VIRTUAL TOUR: <http://virtualtours.damen.com/damen-psv3300/start-psv3300.html>

COMMERCIAL & TECHNICAL MANAGER / DISPONENT OWNER:

OOO OPIELOK OFFSHORE CARRIERS GMBH & CO. KG

MAIN CHARACTERISTICS

Year Built / Yard	2013 / Damen Shipyard, Romania
Flag / Port of Registry	Liberia / Monrovia
OVID No.	TBN
IMO No.	9650200
Call Sign	D5SC5
Length (OA) X Breadth	80.10 m x 16.20 m
Summer Draft (m)	6.15 m
GT / NT	3832 / 1516
Dead weight	3500
DP Class	DP2
Pos. Reference Systems / No.	2 x DGPS 1 x Cyscan
Classification Society	Lloyd's Register
Class Notation	+100A1 Offshore Supply Ship, S.G. 2.8 (Mud Tanks), *IWS, LI, WDL (5t / m ² aft to Fr. 73), EP (I, O, P), +LMC, UMS, DP(AA), NAV1, IBS, CAC3; Green Passport

PROPULSION / MANEUVERABILITY

Propulsion System	Azimuth Stern Thrusters
Propulsion Type	Diesel Electric, 690V, 60 Hz
Main Engines	2 x Caterpillar 3521C
BHP / KW	6233 BHP / 4648 KW
Bow Thruster Number and BHP / KW	2 x 999 BHP / 735 KW
Azimuth Thruster Number and BHP / KW	2 x 2039 BHP / 1500 KW

CARGO CAPACITIES (@100%)

Max Clear Deck Space m ²	730 m ²
Max Clear Deck Length and Breadth	53.5 m x 13.6 m
Deck Strength	5 t / m ²
Max Deck Cargo	1520 t
Reefer Container - electrical points	10 x 2 (440V)
Fuel Oil (Service)	454 m ³
Fuel Oil (Cargo)	507 m ³
Recovered Oil	1503 m ³
Base Oil	481 m ³
Potable Water	646 m ³
Ballast / Drill Water	1461 m ³
Anti-roll tanks	219 m ³
Brine / Mud (Max 2.8 SG) / N- Paraffin	1230 m ³
Liquid Mud loaded and discharged via dedicated lines	Yes
Circulation system for Liquid Mud so as to prevent settling	Yes
Self-cleaning Liquid Mud tanks	Yes
Dry Bulk	259 m ³
Number of Dry Bulk Tanks	4

PUMPS / DISCHARGE CAPACITY

Fuel Oil	2 x 150 m ³ / hr 90 m head
Fresh Water	1 x 150 m ³ / hr 90 m head
Ballast / Drill Water	1 x 150 m ³ / hr 90 m head
Base Oil	150 m ³ / hr 90 m head
Liquid Mud / Brine	2 x 75 m ³ / hr @ 85 m head
Dry bulk	2 x 75 m ³ / hr @ 80m head

MANIFOLD CONNECTION TYPES

Fuel / Base Oil	Avery, Type Hardoll
Potable Water	Weco
Drill Water	Weco
Dry Bulk	Weco
Mud / Brine	Avery, Type Hardoll

Remarks: Additional reducers are available and owners will comply with charterers requirements

FIRE FIGHTING EQUIPMENT

Fire fighting	FiFi Class 1
Fire Pumps	2 x 1800m ³ / hr @ 12 bar
Monitors – Water / Foam	2 x 1200 m ³ / hr
Foam / Detergent	Yes
Emergency Fire Pump	35 m ³ / hr

SPEED AND CONSUMPTION

Full Speed (13.5 knots)	abt. 15.5 MT / 18.00 m ³
Service Speed (10 knots)	abt. 9.90 MT / 11.50 m ³
Stand-by Mode (1 Engine)	abt. 2.10 MT / 2.50 m ³
DP mode / Operation (avg.)	abt. 4.08 MT / 4.75 m ³
Port / Anchorage Idle	abt. 1.25 MT / 1.50 m ³
Fuel	MGO DMA

DECK EQUIPMENT & OTHER

Anchor Windlass	1 x 10 t (10 m / min)
Anchors	HHP Pool-TW
Capstan	2 x 5 t
Tugger Winch	2 x 10 t
Crane	1 x 1,5 t SWL @ 16,4 m
Water maker / Evaporator	5 m ³ / 24 hrs
Incinerator	installed
Ballast Water	Ballast Water Treatment System
Exhaust Gas Cleaning (NOx)	Selective Catalytic Reduction System
Dispersant System	Spray Booms

RESCUE AND RECOVERY

LSA	28 persons
FRC	6 Pax
Life rafts	4 x for 25 persons each
Hospital	1 person

ACCOMMODATION

Single Berth Cabins	10
Double Berth Cabins	9
Total permanent Berths	28

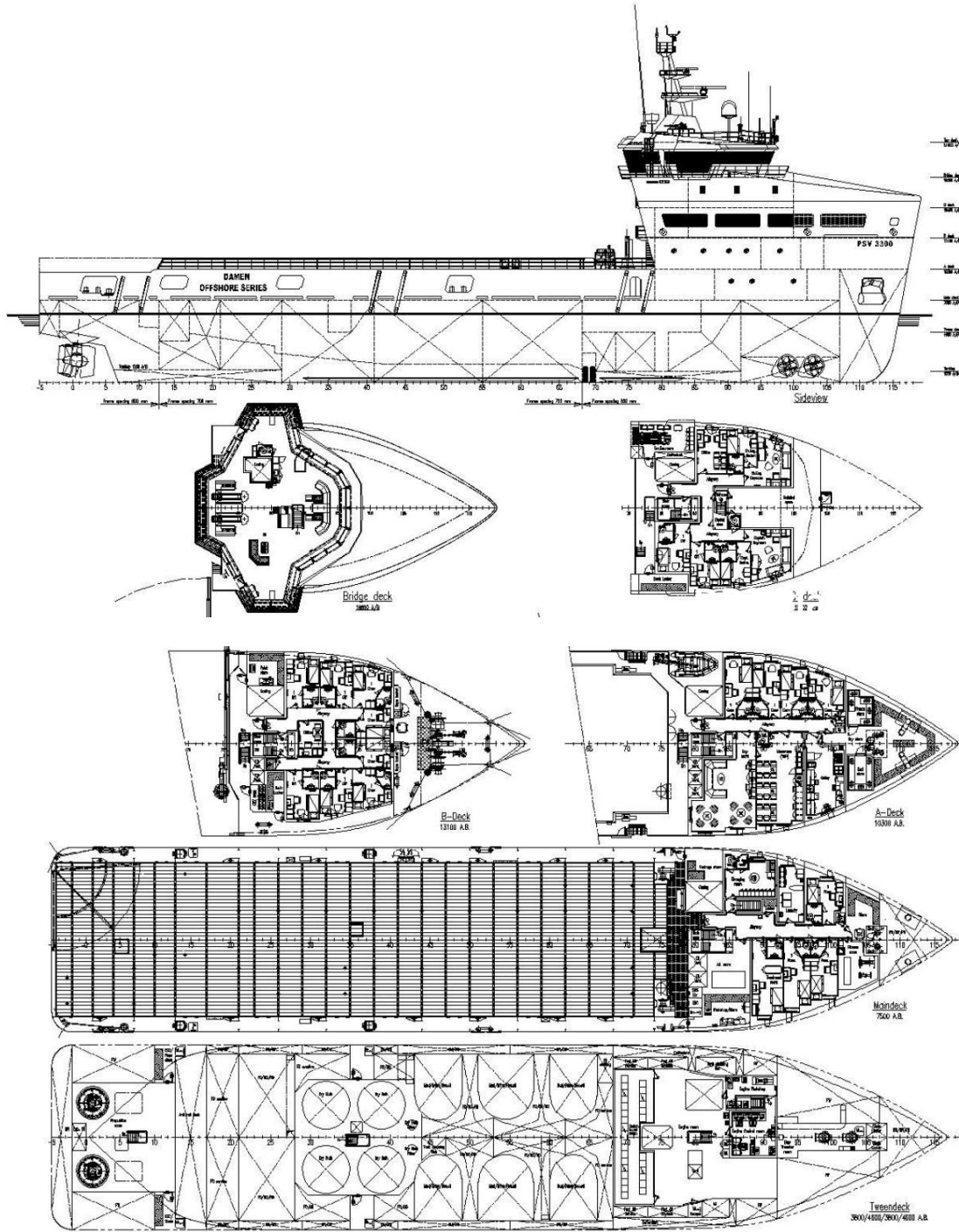
Particulars are believed to be true and correct and subject to revision but without guarantee

OOO OPIELOK OFFSHORE CARRIERS GMBH & CO. KG
 Alstertwiete 3, 20099 Hamburg, Germany
 Phone: + 49 40 280 0876 0 Fax: + 49 40 280 0876 22
 office@opielok.com www.opielok.com





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