

DP2 HEAVY LIFT CRANE VESSEL JUMBO JAVELIN



SPECIFICATIONS

General

Call sign	PHEG
IMO no.	9243837
Built	2004
Flag	The Netherlands
Port of Registry	Willemstad
Classification	LLOYD'S REGISTER 100 A1, LI, CG, +LMC, UMS, DP AA

Principal Dimensions/Tonnage

Length o.a.	144.1 m
Length b.p.p	133.8 m
Breadth moulded	26.7 m
Depth to Main Deck	14.1 m
Draft (bottom keel)	6.0 m / 8.1 m
Displacement (at 7.5m)	20,120 t
Deadweight (at 7.5m)	10,942 t
GRT	15,022 t
NRT	4,506 t

Main Deck/Cargo Hold Area Strength

Main Deck/Cargo Hold	Area	Strength
Main Deck	3,100 m ²	9-12 t/m ²
Tween Deck	1,700 m ²	7 t/m ²
Lower Hold/Tank top	1,400 m ²	12 t/m ²

Power Plant

Main Engines	2x MAN 9L 32/40 4,320 kW
Auxiliary Engines	1 x Caterpillar 3516B 1,824 kW/ea 1 x Caterpillar 3508B 740 kW/ea
Shaft Generators	2 x AEM SE 630 M4 3,000 kW/ea
Emergency Generator	1 x 280 kW

Propulsion Plant

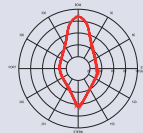
Stern Main Thrusters	2 x Wartsila CPP
Bow Thrusters	1 x Wartsila 1,450 kW 1 x Rolls Royce 1500 kW
Retractable Azimuth Thrusters	1 x Wartsila 1,700 kW

Service Speed

Transit average	15.5 Knots
Economical	14 Knots

Dynamic Positioning System

DP System	Kongsberg SDP 21
Reference Systems	2 x Seatex 116cm DGPS 1 x Veripos Verify DGPS 1 x HiPAP 501 1 x LTW (tautwire system) RADIUS/Fanbeam



Craneage

Cranes/Type	Huisman Mast Cranes 2 x 900 Te Revolving
Heavy Lift Capacity	1,000 t (Offshore) 1,800 t (Calm Water/Harbor)
Subsea Lift Capacity	1,000 t at 1,000 m water depth 660 t at 1,500 m water depth 280 t at 2,000 m water depth 200 t at 3,000 m water depth
Heave Compensation	Passive Heave Compensators project specific/tailor made
Ancillary Lifting	Auxiliary Hoists: 2 x 37,5 t Travel Trolley Sling Handling Hoists: 2 x 10 t Tugger Winches: 2 x 25 t / crane (constant tension) 1 x 17 m, 700 t Fly-jib

Capacities

Fuel Oil	1,270 t I.F.O./209 t M.G.O
Fresh water	141 t

Accommodation

Accommodation	up to 78 persons (incl. hospital 2 pers) 10 x single cabins 34 x double cabins
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