

DP2 HEAVY LIFT CRANE VESSEL FAIRPLAYER

SPECIFICATIONS

General

Call sign	PHPU
IMO no.	9371579
Built	2008
Flag	The Netherlands
Port of Registry	Rotterdam
Classification	Lloyd's Register+ 100A1, Strengthened for Heavy Cargos LMC, UMS, CG, LI, DP (AA), IWS

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)	10,700 t
GRT	15,027 t
NRT	5,244 t

Main Deck/Cargo Hold Area Strength

	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	2 x MAK 9M 32C 4,500 kW
Auxiliary Engines	2 x Caterpillar 3516B 1,824 kW/ea
Shaft Generators	2 x AEM SE 630 M4 3,000 kW/ea
Emergency Generator	1 x 465 kW

Propulsion Plant

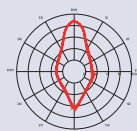
Stern Main Thrusters	2 x Wartsila CPP
Bow Tunnel Thrusters	2 x Wartsila 1,500 kW
Retractable Azimuth Thrusters	1 x Wartsila 1,700 kW

Service Speed

Transit average	15.5 Knots
Economical	14 Knots

Dynamic Positioning System

DP System	Kongsberg K-pos2 system
Reference Systems	2 x Seatex 116 DPS



1 x Veripos Verify DGPS
1 x HiPAP 501
1 x LTW (tautwire system)
RADius/Fanbeam

Cranage

Cranes/Type	Huisman Mast Cranes
	2 x 900 t 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: Two Crane 2 x 25 t + 2 x 125 t, Aft Crane 2 x 25 t (constant tension)

Capacities

Fuel Oil	1,340 t I.F.O/290 t M.G.O
Fresh water	200 t

Accommodation/Helideck

Accommodation	up to 75 persons 13 x single cabins, 31 x double cabins
Helideck	12.8 t (Sikorsky S-92-CAP437)

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