



FLETCHER

M.V. FS PEGASUS

UT745



Owner

Fletcher Shipping

Built

Ulstein Verft, Ulsteinvik, Norway

Classification

DnV, + I A I, W I -, OC, EO, LFL, SF
(Vessel prepared for Oil Rec)

Flag

British

Tonnage

Gross Tonnage	3,041 tonnes
Net Tonnage	1,381 tonnes
Deadweight	4,585 tonnes
Displacement	6,792 tonnes
Light Ship	2,207 tonnes

Dimensions

Length OA	84.00 metres
Length BP	76.20 metres
Breadth, Moulded	18.80 metres
Depth, Moulded	7.60 metres
Draft, Summer	6.23 metres
Freeboard, Summer	1.37 metres
Draft, Minimum	3.20 metres

Propulsion / Positioning

Main Engines	2 x Ulstein BRM-6 each 2,650 kW, total 5,300 kW/7,200 BHP.
Reduction Gears with 2-step primary PTO for Shaft Generators.	440 V AC - 60 Hz.
Electric Power Plant Generators	2 x Shaft Alternators, each of 2,250 kVA.
Harbour Generators Transformers	1 x 95 kVA. 2 x 80 kVA, 1 x 25 kVA (450/230).
Fuel Type	Gas Oil.
Propellers	2 x 3,300 mm dia.
Thrusters	2 x Ulstein Thrusters of 1,200 BHP / 883 kW, fwd. (in tunnel). 2 x Ulstein Thrusters of 800 BHP / 588 kW, aft. (in tunnel).
Rudders	Ulstein High Lift Flap Rudders.
Joy Stick	Ulstein design.
Econometer	Ulstein Integrated System.

Speed / Consumption

Draft	5.00m	6.23m
Idling / Stand by	Abt. 2.0m ³	Abt. 2.0m ³
@ 10 Knots/hr	Abt. 11.0m ³	Abt. 12.0m ³
@ 10 Knots/hr	Abt. 14.0m ³	Abt. 15.0m ³
@ 10 Knots/hr	Abt. 20.0m ³	Abt. 22.0m ³

Cargo Capacities

Deck Cargo	3,200 tonnes
Deck Area	957.0m ² / 16.22 metres x 59.0 metres.
Fuel Oil	1,503m ³
Potable Water	837.0m ³
Brine	692.0.0m ³ S.G 2.5
Mud	506.0m ³ S.G 2.5 (Agitators)
Methanol	168.0m ³
Ballast / Drill Water	1,316.0m ³
Dry Bulk / Cement	369.0m ³
Pipe Cargo Capacities	2,700 tonnes with optimal gravity factor as pipe carrier.

Cargo Discharge Capacities

Fuel Oil	250m ³ per hr at 75 metres wall, 9 bar.
Potable Water	250m ³ per hr at 75 metres wall, 9 bar.
Brine	100m ³ per hr at 75 metres wall, 24 bar.
Mud	150m ³ per hr at 75 metres wall, 24 bar.
Methanol	75m ³ per hr at 75 metres wall, 9 bar.
Ballast / Drill Water	250m ³ per hr at 75 metres wall, 9 bar.
Base Oil	125m ³ per hr at 75 metres wall, 9 bar.
Dry Bulk / Cement	100 tonnes per hour, 80 psi dual discharge system.



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Flow Meters Flow Meter with printer for fuel oil.

Cargo Transfer Connections

Coupling, lines Weco 4", Weco 5" and Avery Hardoll 4".
Several Reducers available on board.

Deck Machinery

Deck Timber sheathed, 5 tonnes / m² (fore part), and 10 tonnes / m² (aft).
Rails 3.0 metres high
Tugger Winch 2 x 10 tonnes
Crane 1 telescopic crane, 2 tonnes on 16 metres arm, located on starboard side.

Mooring Equipment

Windlass 1 x Ulstein Combined Windlass / Mooring.
Anchors 2 x 2,800 kgs
Capstans 2 x 10 tonnes pull

Navigation Equipment

Radars 1 x Furuno RDP-115A, 10cm.
1 x Furuno RDP-106, 3cm.
Satellite Navigator Furuno GP80 (GPS)
Satellite Navigator Furuno 80 (DGPS)
Navtex Receiver Furuno 208 Mk II
Echo Sounder Skipper GDS 101
Gyro Compass Sperry MK 37VT
Autopilot Robertson AP9 Mk II
Log JLN 203 Doppler Log

Communications

Radio Station GMDSS-Sea area A3
Furuno FS 1562, includes HF/MF, Inmarsat C and Inmarsat B.
Telex Inmarsat C, Inmarsat B and Radio HF/MF-telex / DSC.
Telefax Mobile Telephone NMT-900, GSM, UK-Mobile System and Inmarsat B.
Telephones Mobile Telephones NMT-900, GSM, UK-Mobile System and Inmarsat B.
VHF 3 x Furuno FM 7000
VHT Portable 4 x Tron
2 x Motorola GP 300

SART 2 x Tron Radar transponder 9 GHz.
EPIRB 2 x Tron 30 Mk II Cospas-Sarsat.

Accomodation

Cabins 2 single suites
10 single cabins for crew.
6 x two-berth cabins for crew.
1 x six-berth passenger cabins.
1 x four-berth passenger cabins.

All accomodation with toilet and fully air-conditioned.

Anti Rolling System

3 x Ulstein Anti rolling tanks

Safety Equipment

Acc.to SOLAS for World Wide Operation

This specification is preliminary and subject to change without notice. Exact tank capacities, deadweight, deck cargo capacity and other figures that have been calculated and may change when the actual vessel is delivered.