

**FLEET : VECTIS FALCON****01. General**

Yard no. :	932
Delivery date:	March 2012
Type:	Multi-purpose low emission dry cargo ship
Yard:	Jiangsu Yangzijiang Shipbuilding Co Ltd, China
Port of Registry:	Madeira
Flag:	Maderia
Classification:	BV
Notation:	100 A5 E3 G IW NAV-O BWM DBC DG Multi-Purpose
Dry Cargo Ship, Equipped for Carriage of Containers, Strengthened for Heavy Cargo Machinery: MC E3 AUT EP	
Ice Class:	Finnish Swedish 1A

**02. Dimensions**

Length o.a. :	109.92 m
Beam mld. :	17.40 m
Depth moulded to main deck:	11.40 m
Draft:	8.00 m
Air draft in ballast:	approx 31.4 m
Deadweight (approx):	8693 tonnes
Gross tonnage :	6190
Net tonnage :	2619

03. Capacities

Total cargo hold volume (excl tweendeck):	10,688 m ³ =376630 cbft
Heavy fuel oil:	277 m ³
Gas oil:	227 m ³
Ballast water:	3721 m ³
Fresh water:	46 m ³

04. Speed and Consumption

At sea in good weather conditions: about 11.0 knots on
about 10 mt IFO 380 cst Eco speed: about 10.0 knots on about 8 mt IFO 380 cst
no G.O at sea, 1.5 mt in port idle / 2.5 mt working
Efficiency Monitoring System : Fitted
Above parameters are based in good weather conditions whilst vessel on even keel, maximum force 3 in Beaufort scale and sea state 2 in Douglas scale, no negative currents, swells or tidal streams and in temperate water.

05. Propulsion system

Main engine:	2400 kW (de-rated)
Propeller:	4.29m diam. CPP in nozzle
Bow thruster:	400 kW, 1300mm diameter, frequency controlled

06. Hold dimensions

Single Cargohold	
Length:	70.00 m (tanktop) / 76.30 m (at tweendeck height)
Breadth:	13.80 m / 8.28 m
Height:	11.30 m / 5.30 m
Vessel totally boxed over a length of 58.80 m (BxH 13.80 x 11.30), narrowing box in front (LxBxH 11.20 x 8.28 x 11.30), lowering box aft (LxBxH 6.30 x 13.80 x 5.30)	
Tweendeck:	12 panels, covering complete hold (LxB 70.00 x 13.80/8.28).
Clear height above / below tweendeck	5.27 / 5.35 m
Grain bulkheads:	4 grain bulkheads, consisting of 8 tweendeck panels.



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07. Hatches Dimensions

76.30 x 13.80m / 8.28m

Weather deck hatches:	2.5 ton/m ²
Tweendeck load:	3.5 ton/m ²
Tank top load:	18 ton / m ²
Vent:	12 air changes per hour
Container fittings on hatchcovers:	dovetail fittings for container twistlocks (TEU & FEU) & D-rings for lashing rods at 40ft corners
Containers in hold:	204 teu
Containers on hatches:	173 teu
Total:	377 teu

08. Cranes

2 x 80mt swl at 15m radius, starboard mounted cranes, max outreach 45 ton at 24m.

09. Engine

Main Engine:	MAK 6M32C
Aux Engine:	2 x CAT C-18 Acert DITA, 400 ekW, 1500 rpm
Shaft generator:	AEM SE 400 S4, 525 kVA, 1500 rpm
Emergency Generator:	CAT C-18 Acert DITA, 275 ekW, 1500 rpm

10. Other Information

IMO number:	9594298
P+I Club:	The Standard
TPC:	17.7 t/cm
Panama NT:	5278
Suez NT:	5473
WLTHC in ballast:	9.6 m aft / 8.2 m fore
Call Sign:	CQAP8
ISPS:	Compliant
CO2 holds:	Yes
Dehumidifiers holds:	NoFLEET

All details are 'about' given in good faith without guarantee.

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