



FLEET : UAL Harrier

01. General

Yard no. :	939
Delivery date:	May 2012
Type:	Multi-purpose low emission dry cargo ship
Yard:	Jiangsu Yangzijiang Shipbuilding Co Ltd, China
Port of Registry:	Douglas
Flag:	Isle of Man
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



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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.

07. Hatches Dimensions

76.30 x 13.80m / 8.28m

Weather deck hatches: 2.5 ton/m²

Tweendeck load: 3.5 ton/m²

Tank top load: 18 ton / m²

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: 9594303

P+I Club: 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: 2FBR6

ISPS: Compliant

CO2 holds: Yes

Dehumidifiers holds: No

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

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