



**FLEET : UAL CASTLE**

**01. General**

Yard no. :	1000
Delivery date:	Jan 2013
Type:	Multi-purpose low emission dry cargo ship
Yard:	Jiangsu Yangzijiang Shipbuilding Co Ltd, China
Port of Registry:	Madeira
Flag:	Madeira
Classification:	Bureau Veritas
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 2011
Ice Class:	Finnish Swedish 1A



**02. Dimensions**

Length o.a. :	123.96m
Beam mld. :	17.40 m
Depth moulded:	11.40 m
Draft:	8.46 m
Air draft in ballast:	approx 31.4 m
Deadweight (approx) :	11,183 ton
Gross tonnage:	7227
Net tonnage:	3495

**03. Capacities**

Volume Cargo Hold 1:	3234m3
Volume Cargo Hold 2:	9420 m3
Total Cargo Hold volume (excl Tweendeck):	12655m3 / 446900 cuft
Heavy fuel oil:	252 m3
Gas oil:	222 m3
Ballast water:	4324 m3
Fresh water:	69 m3

**04. Speed and Consumption**

At sea in good weather conditions: about 11.5 knots on about 11.5mt IFO 380 cst

Eco speed: about 10 knots on about 8mt 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:	3000 kW
Propeller:	4.29m diam. CPP in nozzle
Bow thruster:	400 kW, 1300mm diameter, frequency controlled

**FLEET : UAL CASTLE PAGE 2****06. Hold dimensions**

Hold 1:	Length: 25.20 m
Breadth:	13.80 m / 8.28 m (LxB 14.00x13.80 + 8.28x11.20 m)
Height:	11.30 m
Hold 2:	Length: 63.70 m
Breadth:	13.80 m
Height:	11.30 / 5.30 m (LxH 57.40x11.30 + 6.30x5.30 m)
Tweendeck:	15 panels, covering complete hold (LxB 57.40 x13.80 + 25.20x 13.80/8.28). Clear height above / below tweendeck 5.27 / 5.35 m
Grain bulkheads:	6 grain bulkheads, consisting of 12 tweendeck panels.

**07. Hatches Dimensions**

57.40 x 13.80 + 25.20 x 13.80 / 8.28 m	
Weather deck hatches:	2.5 ton/ m2, 8 load spots 60 ton each
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:	244 TEU
Containers on hatches:	250 TEU
Total:	494 TEU

**08. Cranes**

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

**9. Engine**

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

**10. Other Information**

IMO number:	9626168
P+I Club:	The Standard
TPC:	20.2 t/cm
Panama NT:	6145
Suez NT:	6749
WLTHC in ballast:	9.6m aft / 8.2m fore
Call Sign:	CQEA8
ISPS:	Compliant
CO2 holds:	Yes
Ballast water treatment plant:	Fitted
Dehumidifiers holds:	No
MMSI number:	255806331

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

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