

**FLEET : VECTIS CASTLE****01. General**

|                              |   |
|------------------------------|---|
| Yard no. :                   | 1000  |
| Delivery date:               | Jan 2013  |
| Type:                        | Multi-purpose low emission dry cargo ship   |
| Yard:                        | Jiangsu Yangzijiang Shipbuilding Co Ltd,<br>China   |
| Port of Registry:            | Madeira   |
| Flag:                        | Madeira   |
| Classification:              | Bureau Veritas  |
| Notation:                    | 100 A5 E3 G IW NAV-O BWM DBC DG<br>Multi-Purpose<br>Dry Cargo Ship, Equipped for Carriage<br>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:                | 8.00 m        |
| Air draft in ballast: | approx 31.4 m |
| Deadweight (approx) : | 10,294 ton    |
| Gross tonnage:        | 7227          |
| Net tonnage:          | 3124          |

**03. Capacities**

|  |                       |
|--|-----------------------|
| Volume Cargo Hold 1:                         | 3234m3                |
| Volume Cargo Hold 2:                         | 9420 m3               |
| Total Cargo Hold volume<br>(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 |



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**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).<br>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<br>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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