



| Cement 8000 Class           |  |               |                 |                  |
|-----------------------------|--|---------------|-----------------|------------------|
| Ship Basic Information      |  |               |                 |                  |
| Builders                    | Shandong Huanghai Shipbuilding   |               |                 |                  |
| Delivery                    | UBC CORK July 2009, UBC CARTAGENA October 2009   |               |                 |                  |
| Type                        | Pneumatic Cement Carrier   |               |                 |                  |
| Manager                     | Intership Navigation Co.Ltd.   |               |                 |                  |
| Flag                        | UBC CORK Cyprus Flag / UBC CARTAGENA Marshall Island Flag  |               |                 |                  |
| Port of registry            | UBC CORK – Limassol / UBC CARTAGENA - Majuro   |               |                 |                  |
| Classification              | DNV 100 A5 E Cement Carrier BWM (D1) DBC MC  |               |                 |                  |
| Vessel Specific Information |  |               |                 |                  |
|                             | IMO No.  | Year of Built | Summer Dwt (mt) | Lightweight (mt) |
| UBC CORK                    | 9577276  | 2009          | 8,388           | 3,439            |
| UBC CARTAGENA               | 9577288  | 2009          | 8,380           | 3,439            |
| Dimension and Main Data     |  |               |                 |                  |
| Length o.a.                 | 117 m  |               |                 |                  |
| Length b.p.                 | 110 m  |               |                 |                  |
| Breadth max.                | 19.70 m  |               |                 |                  |
| Depth to maindeck           | 9.70 m   |               |                 |                  |
| Dwt summer                  | 8,383 mt   |               |                 |                  |
| Draft summer                | 6.80 m   |               |                 |                  |
| Design draft                | 6.40 m   |               |                 |                  |
| CEMENT HOLE FITTED'         | Yes (cement hole drop point 4x each hold 306 mm)   |               |                 |                  |
| GT                          | 5,794  |               |                 |                  |
| NT                          | 1,866  |               |                 |                  |
| Crew Complement             | 19   |               |                 |                  |
| Tank Capacity               |  |               |                 |                  |
| HFO                         | UBC CORK 286.60 m3 at 100% / 243.61 m3 at 85%   UBC CARTAGENA 542.40 m3 at 100% / 461.04 m3 at 85% |               |                 |                  |
| MGO                         | UBC CORK 562.20 m3 at 100% / 477.87 m3 at 85%   UBC CARTAGENA 306.4 m3 at 100% / 260.44 m3 at 85%  |               |                 |                  |
| Fresh water                 | 89.4 cbm at 100%   |               |                 |                  |
| Waterballast                | 3,066 cbm at 100%  |               |                 |                  |
| Number of holds             | 3 holds (UBC CORK hold n.2 splitted in aft and frw)  |               |                 |                  |
| Cement handling equipment   |  |               |                 |                  |
| Cement plan maker           | MacGregor - Nordstroms   |               |                 |                  |

|  |   |         |
|--|---|---------|
| Conveying material   | Ordinary Portland Cement, 0.85 – 1.35 mt/m <sup>3</sup>   |         |
| Material temperature   | max 90 deg Celsius  |         |
| Pneumatic discharge vertical and 5 bends 90 deg                                      | Capacity 300 mt/h max per line through two lines (600 mt/h), 12 inches diam pipes, 200m horizontal, 40m         | 1625 kw |
| Pneumatic loading  | Capacity 300 mt/h max per line through two lines (600mt/h)  | 78kw    |
| Mechanical loading   | Capacity 600 mt/h through centerline loading inlet (and 180 m <sup>3</sup> /min transport air)                  | 225kw   |
| Cargo hold capacity  | total about 7,600m <sup>3</sup>   |         |
| Dust collection  | 6 filters of 60 m <sup>2</sup> filter area each, for 7,200m <sup>3</sup> /h of air                              |         |
| Gear   |   |         |
| Hose handling crane  | SWL 10mt x 16 m at 6 m outreach   |         |
| Capacity (cbm)   |   |         |
| Hold 1   | 2105.2  |         |
| Hold 2   | 2779.6  |         |
| Hold 3   | 2768.8  |         |
| Total  | 7653.6  |         |
| Machinery  |   |         |
| Main engine  |   |         |
| Type   | 2x Daihatsu 8DKM-28L  |         |
| Power  | 2,500 kw each   |         |
| Grade fuel used  | IFO 180 (RME 180)   |         |
| Auxiliary engine   |   |         |
| Type   | Scania DI13-074M, power output 426 KW @ 1800 RPM  |         |
| Number   | 2   |         |
| Power  | 390 kw/ 1,800 rpm   |         |
| Grade fuel used  | MGO (DMA)   |         |
| Generator  | 390 KW, 440V, 60 HZ   |         |
| Shaft generator  | 2 x 2,264 kw (in port, for cement plant) fixed pitch propeller  |         |
| Fuel consumption at a speed of design draft (max BF 2)                               |   |         |
| Ship at sea:   | 12 kn – 15.5 mt/day IFO in Ballast / 18 mt/day in laden + 13 kn – 17 mt/day IFO in ballast / 20 mt/day in laden |         |
|  | MGO about 1.2 mt  |         |
| Ship in port:  | about 1 mt MGO  |         |
| Ship in port, mech loading   | about 2mt MGO   |         |
| Ship in port, pneumatic disch  | about 9mt IFO   |         |
| Ship in port, mech discharge   | about 2,5mt MGO   |         |
| Navigational and communication equipment   |   |         |
| 2 radars (X - S Band)  |   |         |
| ECDIS  |   |         |
| Fleet broadband 500  |   |         |
| telex  |   |         |
| DGPS, GPS  |   |         |
| Wireless station   |   |         |
| All details to be considered as about, given in good faith but without any guarantee |   |         |