

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 Liberia Flag / UBC CARTAGENA Marshall Island Flag			
Port of registry	UBC CORK – Monrovia / 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	9448279	2009	8,388	3,439
UBC CARTAGENA	9448281	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				
VLSFO	UBC CORK 286.60 m3 at 100% / 243.61 m3 at 85% UBC CARTAGENA 542.40 m3 at 100% / 461.04 m3 at 85%			
LSMGO	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	182.4 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 ³
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 ³ /min transport air) 225kw
Cargo hold capacity	total about 7,600m ³
Dust collection	6 filters of 60 m ² filter area each, for 7,200m ³ /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	
Type	2x Daihatsu 8DKM-28L
Power	2,500 kw each
Grade fuel used	VLFO 180 (RME 180) / LSMGO
Auxiliary engine	
Type	Scania DI13-074M, power output 426 KW @ 1800 RPM
Number	2
Power	390 kw/ 1,800 rpm
Grade fuel used	LSMGO (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 VLFO in Ballast / 18 mt/day in laden + 13 kn – 17 mt/day VLFO in ballast / 20 mt/day in laden
	LSMGO about 1.2 mt
Ship in port:	about 1 mt LSMGO
Ship in port, mech loading	about 2mt LSMGO
Ship in port, pneumatic disch	about 9-12mt LSMGO
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	