

ATLANTIC BULK CARRIERS MANAGEMENT LTD

Principal Particulars

Name of vessel	Desert Spring	Type	Bulk Carrier	Flag	Marshall Islands
IMO number	9543768	MMSI	538004547	Call sign	V7XQ8
Build mm/yyyy	JAN.2012	Yard	Hyundai Mipo Dockyard Co., Ltd, Ulsan, Korea		
Owners	Moritz Shipping and Investment Limited				
Managers	Atlantic Bulk Carriers Management Ltd.				
Classification	American Bureau of Shipping (ABS)				
PANDI Club	West of England (WoE)				

Contact details

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Measurement, Dimensions and Cargo capacity

Length Overall	193.07 m	Breadth	32.26 m	GRT	33,631
LBP	185.00 m	Depth	18.50 m	NRT	19,329
Summer Draft	13.019 m	Summer DWT	57,437 MT	Summer Displ.	68,694 MT
Winter Draft	12.748 m	Winter DWT	55,861 MT	TPC	58.18 MT/cm
Lightweight	11257 MT	Constant excl BW	250 MT	FWA	2970 mm
Panama Canal GRT / NRT	/ 27,870.02		Suez Canal GRT / NRT	34,886.28 / 31,088.70	
Bow to H/Coaming # 1	19.2 m	Height of Center of middle Hold (# 3) from:			
Stern to last H/Coaming	37.2 m	Water line – light ballast		14.48 m	
Superstructure to last H/Coaming	3.90 m	Water line – Heavy ballast		11.78 m	
Center of C/H# 1 to center of last hold	118 m	Water line – Fully loaded		7.95 m	
Bow to Bridge	160.42	Stern to bridge	32.65 m	Keel to antenna	49.29 m

Hold Capacities

Hatch covers type : MacGregor Folding type

TOTAL Hold	72868.6 m ³		Hatches Dimension			Dimensions Flat Tanktop	
	Grain	Bale	Length	Breadth	Tank Top stress	Width Fwd	Width Aft
1	14140.8 m ³	m ³	16.40 m	18.40 m	23.5 MT/m ²	11.72 m	23.50 m
2	14962.6 m ³	m ³	19.68 m	18.40 m	18.7 MT/m ²	23.50 m	23.50 m
3	14434.0 m ³	m ³	19.68 m	18.40 m	23.5 MT/m ²	23.50 m	23.50 m
4	14964.3 m ³	m ³	19.68 m	18.40 m	18.7 MT/m ²	23.50 m	23.50 m
5	14366.9 m ³	m ³	19.68 m	18.40 m	23.5 MT/m ²	23.50 m	10.96 m
6	m ³	m ³	m	m	MT/m ²	m	m
7	m ³	m ³	m	m	MT/m ²	m	m
Strength on main deck,			MT/m ²		Strength on hatch covers		MT/m ²

Machinery, Liquid Capacity and Cargo Gear

Main Engine:	MAN B & W 7S50MC-C8	Output:	KW 9750	RPM:	121.8
Service speed	14.00 Knots	M/E Consumption	Fully loaded 32.50 MT/day	Ballast	28.50 MT/day
Grade of IFO/MDO that vessel burns:	380 CST / ISO 8217 / MDO - ISO8217			Propeller pitch	3803.67 m
Generator Engine set:	3 x Output: 690 Kw	Emergency Power:	120		
In port consumption	With All gear working 5.00 Mt/day	Idle	2.00 Mt/day	Boiler	1.50 Mt/day
Light Ballast capacity	15665 m ³	IFO Tanks number	12	Capacity (100%):	1976.15 m ³
Ballast Hold # 3	14463.7 m ³	MDO Tanks number	3	Capacity (100%):	157.11 m ³
No./ Capacity Ballast pump:	2/1000 m ³ /h	Fresh Water Capacity	389.8 m ³	Evaporator:	25 Mt/day
Cargo gear:	4 cranes, Type: GLB3026-2/2426 GR Maker: MacGregor Capacity 30 MT. Max. Outreach 9.87 m				
No. of grabs, 4	Type: MZGL 12000-6-B-S Maker	SMAG	Capacity	12 M ³	

Disclaimer: "Any particulars listed herein are not guaranteed and are not to be used for commercial purposes"