

ATLANTIC BULK CARRIERS MANAGEMENT LTD

Principal Particulars

Name of vessel	Desert Unity			Type	Bulk Carrier		Flag	Marshall Islands
IMO number	9300295	MMSI	538007118	Call sign	V7WV4		Official number	7118
Build mm/yyyy	10/2006	Yard	Kouan Shipbuilding Industry Co - Taizhou, China					
Owners	Charlton Shipping and Investment Limited, Marshall Islands							
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	189.99 m	Breadth	32.26 m	GRT	31091
LBP	182.00 m	Depth	17.50 m	NRT	17993
Summer Draft	12.60 m	Summer DWT	54043.40 MT	Summer Displ.	64320.00 MT
Winter Draft	12.337 m	Winter DWT	52560.60 MT	TPC	56.5 MT/cm
Lightweight	10276.62 MT	Constant excl BW	230 MT	FWA	0.285 mm
Panama Canal GRT / NRT	26064	/ 23171	Suez Canal GRT / NRT	32407.79	/ 29339.08
Bow to H/Coaming # 1	16.00 m	Height of Center of middle Hold (# 3) from:			
Stern to last H/Coaming	32.00 m	Water line – light ballast			
Superstructure to last H/Coaming	4.00 m	Water line – Heavy ballast			
Center of C/H# 1 to center of last hold	119 m	Water line – Fully loaded			
Bow to Bridge	160.94	Stern to bridge	29.05 m	Keel to antenna	45.60 m

Hold Capacities

Hatch covers type : TTS Transfolding type

TOTAL	65877.3 m ³	65116.21 m ³	Hatches Dimension		Tank Top stress	Dimensions Flat Tanktop	
Hold	Grain	Bale	Length	Breadth		Width Fwd	Width Aft
1	10917.9 m ³	10813.57 m ³	18.86 m	18.26 m	25.00 MT/m ²	7.00 m	23.50 m
2	14368.2 m ³	14155.10 m ³	21.32 m	18.26 m	24.00 MT/m ²	23.50 m	23.50 m
3	13638.9 m ³	13502.70 m ³	21.32 m	18.26 m	25.00 MT/m ²	23.50 m	23.50 m
4	14368.2 m ³	14155.10 m ³	21.32 m	18.26 m	24.00 MT/m ²	23.50 m	23.50 m
5	12584.1 m ³	12489.74 m ³	21.32 m	18.26 m	25.00 MT/m ²	23.50 m	12.00 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,	4.88 @ No 1 & 2 C/H & 3.2 @ 3,4 & 5 C/H MT/m ²	Strength on hatch covers	5.78 @ No1 C/H 3.2 @ No 2,3,4 & 5C/H MT/m ²
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Machinery, Liquid Capacity and Cargo Gear

Main Engine:	STX-MAN B& W 6S 50 MC-C	Output:	KW 9480	RPM:	127
Service speed	14.00 Knots	M/E Consumption	Fully loaded	31.00 MT/day	Ballast
Grade of IFO/MDO that vessel burns:				380CST / ISO 8217 / MDO - ISO 8217	Propeller pitch
Generator Engine set:		3 x Output:	600 Kw	Emergency Power:	
In port consumption		With All gear working	5.00 Mt/day	Idle	2.00 Mt/day
Light Ballast capacity	14662.58 m ³	IFO Tanks number	9	Capacity (100%):	2154.1 m ³
Ballast Hold # 3	13638.86 m ³	MDO Tanks number	4	Capacity (100%):	171.6 m ³
No./ Capacity Ballast pump:	800 m ³ /h	Fresh Water Capacity	383 m ³	Evaporator:	25 Mt/day
Cargo gear: 4 cranes, Type: HDSS3628 Maker: TSUJI Capacity 36 MT. Max. Outreach 11.87 m					
No. of grabs, 4 Type: MZGL 12000-B Maker SMAG Capacity 12 M ³					

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