

# ATLANTIC BULK CARRIERS MANAGEMENT LTD

## Principal Particulars

Name of vessel	Desert Challenger	Type	Bulk Carrier	Flag	Hellenic
IMO number	9699842	MMSI	241476000	Call sign	SVCN3
Build mm/yyyy	01/2017	Yard	HYUNDAI VINASHIN DOCK YARD C.O., VIETNAM		
Owners	NIAGARA INVESTMENT LIMITED				
Managers	ATLANTIC BULK CARRIERS MANAGEMENT LTD				
Classification	A.B.S				
PANDI Club	WEST OF ENGLAND				

## Contact details

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## Measurement, Dimensions and Cargo capacity

Length Overall	199.97 m	Breadth	32.26 m	GRT	34,686 MT
LBP	192.20 m	Depth	18.80 m	NRT	19,958 MT
Summer Draft	13.217 m	Summer DWT	61,146 MT	Summer Displ.	72,669 MT
Winter Draft	12.942 m	Winter DWT	59,460 MT	TPC	61.36 MT/cm
Lightweight	11,523 MT	Constant excl BW	200 MT (abt)	FWA	296 mm
Panama Canal GRT / NRT	/ 28,731		Suez Canal GRT / NRT	/	
Bow to H/Coaming # 1	17.80 m		Height of Center of middle Hold (# 3) from:		
Stern to last H/Coaming	37.40 m		Water line – light ballast	14.95 m	
Superstructure to last H/Coaming	4.80 m		Water line – Heavy ballast	12.00 m	
Center of C/H# 1 to center of last hold	124.00 m		Water line – Fully loaded	7.80 m	
Bow to Bridge	165.62 m	Stern to bridge	34.35 m	Keel to antenna	49.90 m

## Hold Capacities

Hatch covers type :

TOTAL Hold	76,406.8 m <sup>3</sup>		73,732.2 m <sup>3</sup>		Hatches Dimension		Dimensions Flat Tanktop	
	Grain	Bale	Length	Breadth	Tank Top stress	Width Fwd	Width Aft	
1	11,703.2 m <sup>3</sup>	11,239.6 m <sup>3</sup>	13.275 m	18.400 m	24.680 MT/m <sup>2</sup>	07.50 m	18.70 m	
2	16,451.9 m <sup>3</sup>	15,876.0 m <sup>3</sup>	21.240 m	18.400 m	19.100 MT/m <sup>2</sup>	18.85 m	24.10 m	
3	16,031.1 m <sup>3</sup>	15,469.9 m <sup>3</sup>	21.240 m	18.400 m	24.680 MT/m <sup>2</sup>	24.10 m	24.10 m	
4	16,587.3 m <sup>3</sup>	16,006.5 m <sup>3</sup>	21.240 m	18.400 m	19.100 MT/m <sup>2</sup>	24.10 m	24.10 m	
5	15,633.5 m <sup>3</sup>	15,086.2 m <sup>3</sup>	21.240 m	18.400 m	24.680 MT/m <sup>2</sup>	24.10 m	09.05 m	
6	m <sup>3</sup>	m <sup>3</sup>	m	m	MT/m <sup>2</sup>	m	m	
7	m <sup>3</sup>	m <sup>3</sup>	m	m	MT/m <sup>2</sup>	m	m	

Strength on main deck, N/A Strength on hatch covers N/A

## Machinery, Liquid Capacity and Cargo Gear

Main Engine:	HYUNDAI - MAN B & W 7G50ME-B9.3	Output:	8,860 KW	RPM:	91.9	
Service speed	14.50 Knots	M/E Consumption	Fully loaded 25.5 MT/day	Ballast	20 MT/day	
Grade of IFO/MDO that vessel burns:	/ IFO-380 / MGO			Propeller pitch	5,187 m	
Generator Engine set:	3 x	Output:	800 Kw	Emergency Power:	Diesel Generator	
In port consumption	With All gear working	4.4 Mt/day	Idle	2.2 Mt/day	Boiler	1.0 Mt/day
Light Ballast capacity	18,450.1 m <sup>3</sup>	IFO Tanks number	7	Capacity (100%):	1,752.1 m <sup>3</sup>	
Ballast Hold #	3	MDO Tanks number	7	Capacity (100%):	394.8 m <sup>3</sup>	
No./ Capacity Ballast pump:	2 x 1,000 m <sup>3</sup> /h	Fresh Water Capacity	331.6 m <sup>3</sup>	Evaporator:	23 Mt/day	
Cargo gear:	4 Cranes, Type: Electro-Hydraulic Maker: MacGregor Capacity 30 mt Max. Outreach 10 m					
No. of grabs:	4 Type: Electro-Hydraulic Maker: Piener Smag Capacity 12 m <sup>3</sup>					

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