

### General Information

Owners	Democritus Shipping 1 Inc
Year Built	March 2011
Shipyard	Dalian Shipbuilding Industry Co., Ltd
Flag	Liberia
Class/Notation	American Bureau of Shipping A1, Oil Carrier, AMS, ACCU, VEC, BWT, TCM, BWE, CSR, SPMA, RRDA, ESP, CRC (I)
Vessel Type	Oil Tanker (double hull)
IMO/LR No.	9482847
Call Sign	A8XG4

### Dimensions

Summer	75,599 tons
Deadweight	
Light Ship Weight	15,660 mt
Length o.a.	228.60 m
Length b.p.	221.21 m
Breadth moulded	32.26 m
Depth moulded	21.20 m
TPC	66,7 mt
Tonnage	21,967 NT / 43,904 GT

### Propulsion and Aux Machines

Main Engine	DMD China / MAN B&W 6S60MC 12,240kW x 105.0 RPM 41-51 critical rpm (barred range)
Propeller	Fixed Pitch Propeller, 4 Blades, right handed – aluminium bronze, diameter 7 m
Aux Engine	3 x Yanmar 6N21AL-UV; about 800 kw
Boilers	2 x Oil-fired Auxiliary Boiler Aalborg Industries

### Capacity of Bunkers / Fresh Water

Bunker Capacity	Fuel Oil: 2.013,1 m <sup>3</sup>
98 %	Diesel: 606,8 m <sup>3</sup>
Fresh water Capacity	351,0 m <sup>3</sup>
100 %	

### Cargo and Ballast System

No. of Cargo Tank	12
Slop Tanks	2
	1 ROT
Coating	fully coated – pure epoxy
No. of segregations	3
Total cubic capacity at 98% (incl. Slops)	83,687 m <sup>3</sup>
ROT Capacity	215,5 m <sup>3</sup>
No. of Cargo Pumps	3
Type of Cargo Pumps	Centrifugal pump steam driven
Discharge Capacity	6.000 m <sup>3</sup> /h at 120 m
Vessel equipped with	IGS / SBT / COW
No. of SBTs	18
Capacity of SBT	28,700 m <sup>3</sup> at 100 %
Ballast Pumps	2
Type of Ballast Pumps	Centrifugal pump, 1000 m <sup>3</sup> at 120 m Electric motor driven
Cargo Hoses Cranes	1 x 15 tons
Cargo Manifolds	3 x 16" P/S
Cargo Heating	Stainless Steel

### Mooring Arrangement

<i>Mooring Winches</i>	
Forecastle	2
Main deck forward	1 hydraulic winch – double drum split type
Main deck aft	1
Poop deck	2
<i>Mooring Ropes</i>	
Forecastle	36 mm x 220 m
Main deck forward	4
Main deck aft	2
Poop deck	2
<i>SPM Arrangements</i>	
Tongue type chain stopper – SWL 200 T	

### *Emergency Towing Arrangement*

Forward	Single Point Combined - 200 tns 8 m long 76-mm chafing chain via Tongue Type Stopper as strongpoint for towing
Aft	Towing - 200 tns Storing Reel Unit acting as independent strongpoint pick-ups and pennants stowed inside unit