

General Information

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|----------------|---|
| Owners | Democritus Shipping 2 Inc |
| Year Built | July 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. | 9482859 |
| Call Sign | A8XG5 |

Dimensions

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|-------------------|-----------------------|
| Summer | 75,618 tons |
| Deadweight | |
| Light Ship Weight | 15,751 mt |
| Length o.a. | 228.60 m |
| Length b.p. | 221.21 m |
| Breadth moulded | 32.26 m |
| Depth moulded | 21.20 m |
| TPC | 68,0 mt |
| Tonnage | 21,967 NT / 43,904 GT |

Propulsion and Aux Machines

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|-------------|---|
| 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

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|----------------------|----------------------------------|
| Bunker Capacity | Fuel Oil: 2.013,1 m ³ |
| 98 % | Diesel: 606,8 m ³ |
| Fresh water Capacity | 351,0 m ³ |
| 100 % | |

Cargo and Ballast System

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| No. of Cargo Tank | 12 |
| Slop Tanks | 2 |
| Coating | 1 ROT fully coated – pure epoxy |
| No. of segregations | 3 |
| Total cubic capacity at 98% (incl. Slops) | 83,687 m ³ |
| ROT Capacity | 210 m ³ |
| No. of Cargo Pumps | 3 |
| Type of Cargo Pumps | Centrifugal pump steam driven |
| Discharge Capacity | 6.000 m ³ /h at 120 m |
| No. of SBTs | 18 |
| Capacity of SBT | 28,972 m ³ at 100 % |
| Ballast Pumps | 2 |
| Type of Ballast Pumps | Centrifugal pump, 1000 m ³ 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

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|---------------------------------------|--|
| <i>Mooring Winches</i> | |
| Forecastle | 3 |
| Main deck forward | 1 hydraulic winch – double drum split type |
| Main deck aft | 1 |
| Poop deck | 3 |
| <i>Mooring Wires</i> | |
| Forecastle | 36 mm x 220 m |
| Main deck forward | 6 |
| Main deck aft | 2 |
| Poop deck | 2 |
| <i>SPM Arrangements</i> | |
| Tongue type chain stopper – SWL 200 T | |

Emergency Towing Arrangement

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|---------|--|
| 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 |