

### General Information

|                |  |
|----------------|--|
| Owners         | Jacob Tank Zweite Beteiligungsgesellschaft mbH & Co. KG  |
| Year Built     | July 2011  |
| Shipyard       | Dalian Shipbuilding Industry Co., Ltd  |
| Flag           | Liberia  |
| Class/Notation | American Bureau of Shipping<br>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  |
| Official No.   | 92136  |
| Telephone      | VSat: +47 23670269<br>FBB: +870-773161176  |
| Fax            | FBB: +870-783161278  |
| E-mail         | master.georg(at)jacob-shipping.com   |

### Dimensions

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

|             |   |
|-------------|---|
| Main Engine | DMD China / MAN B&W 6S60MC<br>12,240kW x 105.0 RPM<br>41-51 critical rpm (barred range) |
| Propeller   | Fixed Pitch Propeller, 4 Blades,<br>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   |
| Coating                                   | 1 ROT<br>fully coated – pure epoxy                                      |
| No. of segregations                       | 3   |
| Total cubic capacity at 98% (incl. Slops) | 83,687 m <sup>3</sup>   |
| ROT Capacity                              | 210 m <sup>3</sup>  |
| No. of Cargo Pumps                        | 3   |
| Type of Cargo Pumps                       | Centrifugal pump<br>steam driven  |
| Discharge Capacity                        | 6.000 m <sup>3</sup> /h at 120 m  |
| No. of SBTs                               | 18  |
| Capacity of SBT                           | 28,972 m <sup>3</sup> at 100 %  |
| Ballast Pumps                             | 2   |
| Type of Ballast Pumps                     | Centrifugal pump, 1000 m <sup>3</sup> at 120 m<br>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                            | 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

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