

SOCATRA  
**Avisoa**  
 SMALL TANKER



### DESCRIPTION

|                           |  |
|---------------------------|--|
| <b>Description :</b>      | Oil tanker, Chemical tanker  |
| <b>Built :</b>            | Feb. 2013 in DEARSAN GEMI INSA SAN A.S, TUZLA/TURKEY   |
| <b>IMO N° :</b>           | 9502661  |
| <b>Flag :</b>             | Luxemburg  |
| <b>Port of Registry :</b> | Luxemburg  |
| <b>Call sign :</b>        | L X C A  |
| <b>Class :</b>            | BUREAU VERITAS : I + HULL, + MACH, Oil tanker ESP, Unrestricted navigation, AUT-UMS, MON-SHAFT, CLEANSHIP1, INWATER SURVEY, IG |
| <b>Register N° :</b>      | 11377T   |
| <b>Hull N° :</b>          | 2050   |

### MAIN CHARACTERISTICS

|                                 |          |
|---------------------------------|----------|
| <b>Length overall :</b>         | 119,60 m |
| <b>Length BP :</b>              | 111,90 m |
| <b>Moulded breadth :</b>        | 16,90 m  |
| <b>Moulded Depth :</b>          | 8,40 m   |
| <b>Interntl gross tonnage :</b> | 4 825    |
| <b>Interntl net tonnage :</b>   | 2 293    |

| MARKS             | FREEBOARD | DRAFT   | DEADWEIGHT |
|-------------------|-----------|---------|------------|
| <b>Summer :</b>   | 1,664 m   | 6,763 m | 6,913.0 T  |
| <b>Winter :</b>   | 1,805 m   | 6,622 m | 6,675.7 T  |
| <b>Tropical :</b> | 1,523 m   | 6,904 m | 7,152.5 T  |

### MACHINERY

|                         |  |
|-------------------------|--|
| <b>Main Engine :</b>    | 1 Diesel engine MAN - Total power 3,060 kW (4158 HP), type 9L27/38, 9 cyl. 800 rpm<br>1 controllable pitch screw propeller |
| <b>Electric Power :</b> | 3 Diesel generators 3 x 430kW (538kVA), 440 V, 60 Hz<br>1 Emergency generator  |
| <b>Bow Thruster :</b>   | 1x 450 kW  |
| <b>Boilers :</b>        | 2 Oil fired auxiliary boilers 50,70m <sup>2</sup> , 10 bar + 1 Exhaust gas auxiliary boiler 51m <sup>2</sup> , 10 bar      |

### CARGO

|                        |   |
|------------------------|---|
| <b>Cargo Tanks :</b>   | 12 cargo tanks + 2 slop tanks ( total capacity 8026,75m <sup>3</sup> at 98%)  |
| <b>Segregation :</b>   | Cargo Piping system with blind flange valve double segregation with 6 different products discharge / loaded simultaneously.   |
| <b>Cargo Heating :</b> | Two loops of grid type heating coil fitted in each cargo/slop tanks.<br>Rating of tank heating based on sea water temperature of 0°C and ambient air temperature of -10°C and able to heat the cargo, heating up rate 3,6 deg. Cel./day.<br>Cargo maintain temperature : 66°C |
| <b>Cargo Pumps :</b>   | 14 submerged electrical powered cargo pumps controlled from CCR.<br>12x200 m <sup>3</sup> /h at 110 mlh (S.G 1.0) + 02x60 m <sup>3</sup> /h at 100 mlh (S.G 1.0)(Slop)<br>The cargo pumping system to allow cargo maximum unloading rate of 1200m <sup>3</sup> /h             |
| <b>Tank Coating :</b>  | Cargo tanks: Marine Line - Ballast tanks: Jotacote Universal  |
| <b>Ballast :</b>       | Capacity 2995,05 m <sup>3</sup> , Segregated ballast in double hull.  |
| <b>Tank Cleaning:</b>  | A fixed tank cleaning system fitted for crude oil and hot/cold sea water washing with open/closed cycle in cargo tanks and slop tanks.  |
| <b>Cargo control:</b>  | Radar type or pressure and temperature with remote readout in C.C.R. for each cargo and slop tank.  |
| <b>Cranes:</b>         | 1 deck hose handling crane : 5 t<br>1 provision crane : 2 t   |