



|                         |   |
|-------------------------|---|
| <b>Name</b>             | POLEN   |
| <b>Port of Registry</b> | Nassau, Bahamas   |
| <b>Flag</b>             | Bahama  |
| <b>Vessel Type</b>      | Twin Screw Tug  |
| <b>Year of Build</b>    | 1986  |
| <b>Class</b>            | Bureau Veritas  |
| <b>Bollard Pull</b>     | 30 Tbp  |
| <b>Owner</b>            | EMAR Offshore Services b.v., as Managers of Black Star Shipping |

## GENERAL

|                       |         |
|-----------------------|---------|
| <b>IMO</b>            | 8521701 |
| <b>Length overall</b> | 28,60 m |
| <b>Beam overall</b>   | 8,74 m  |
| <b>Depth at sides</b> | 4,20 m  |
| <b>Draught aft</b>    | 3,78 m  |
| <b>Displacement</b>   | 614 T   |
| <b>Gross tonnage</b>  | 236 T   |

## PROPULSION SYSTEM

|                    |                      |
|--------------------|----------------------|
| <b>Main Engine</b> | 2 x SWD, type 6FH240 |
| <b>Total Power</b> | 1780 bkW (2400 Hp)   |

## DECK EQUIPMENT

|                        |                   |
|------------------------|-------------------|
| <b>Tow Winch Aft</b>   | Single Drum, 100T |
| <b>Tow Wires Aft</b>   | 1 x 700m, Ø44mm   |
| <b>Towing Hook Aft</b> | Yes               |

## NAUTICAL AND COMMUNICATION EQUIPMENT

|                            |                                    |
|----------------------------|------------------------------------|
| <b>Magnetic compass</b>    | Alphacourse                        |
| <b>Radar</b>               | Furuno FAR 2117                    |
| <b>GPS</b>                 | Furuno GP-150                      |
| <b>AIS</b>                 | Furuno FA-150                      |
| <b>VHF Radio telephone</b> | 2x Sailor DSC RT5022 / 2x VHF 6210 |

## AUXILIARY EQUIPMENT

|                            |                      |
|----------------------------|----------------------|
| <b>Main Generator Sets</b> | 2 x Caterpillar C4.4 |
| <b>Fuel oil separator</b>  | 3 m³/hr              |

## CAPACITIES

|                        |          |
|------------------------|----------|
| <b>Fuel oil</b>        | 127,5 m³ |
| <b>Fresh water</b>     | 22 m³    |
| <b>Lubrication Oil</b> | 4,2 m³   |
| <b>Hydraulic oil</b>   | 1,4 m³   |
| <b>Dirty oil</b>       | 3,6 m³   |
| <b>Ballast</b>         | 16 m³    |
| <b>Sewage</b>          | 2,80 m³  |
| <b>Foam</b>            | 7 m³     |

**PERFORMANCE   ACCOMMODATION**

|                     |          |
|---------------------|----------|
| <b>Speed</b>        | 13 Knots |
| <b>Bollard Pull</b> | 30 Tbp   |

|                      |  |
|----------------------|--|
| <b>Accommodation</b> | 6 persons, consisting of four single crew cabins and one double crew cabin |
|----------------------|--|

## POLEN

### General Arrangement

