SHIP PARTICULARS

<table>
<thead>
<tr>
<th>NAME</th>
<th>SVITZER BIDSTON</th>
</tr>
</thead>
</table>

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## IDENTIFICATION

<table>
<thead>
<tr>
<th>NAME</th>
<th>Svitzer Bidston</th>
</tr>
</thead>
<tbody>
<tr>
<td>Callsign</td>
<td>MCYT8</td>
</tr>
<tr>
<td>Port Of Registry</td>
<td>Liverpool</td>
</tr>
<tr>
<td>Flag State</td>
<td>UK</td>
</tr>
<tr>
<td>IMO Number</td>
<td>9286695</td>
</tr>
<tr>
<td>MMSI Number</td>
<td>235014278</td>
</tr>
<tr>
<td>Owner</td>
<td>A/S Em Z Svitzer</td>
</tr>
<tr>
<td>Ship Manager</td>
<td>Svitzer Marine Ltd</td>
</tr>
<tr>
<td>Classification Society</td>
<td>Lloyds Register of Shipping</td>
</tr>
<tr>
<td>Class Notation</td>
<td>+100A1 Tug + waterspray IWS +LMC UMS</td>
</tr>
<tr>
<td>Date Keel Laid</td>
<td>2004</td>
</tr>
<tr>
<td>Date of Delivery</td>
<td>2004</td>
</tr>
<tr>
<td>Shipyard</td>
<td>Ast. Zamacona S.A. Spain</td>
</tr>
</tbody>
</table>

## MAIN DIMENSIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length o.a.</td>
<td>29.5 Metres</td>
</tr>
<tr>
<td>Length Waterline</td>
<td>28.0 Metres</td>
</tr>
<tr>
<td>Beam (moulded)</td>
<td>11.0 Metres</td>
</tr>
<tr>
<td>Depth (moulded)</td>
<td>4.0 Metres</td>
</tr>
<tr>
<td>Draught</td>
<td>5.9 Metres</td>
</tr>
<tr>
<td>Deadweight</td>
<td>210 tonnes</td>
</tr>
<tr>
<td>Gross Tonnage</td>
<td>366 tonnes</td>
</tr>
<tr>
<td>Nett Tonnage</td>
<td>109 tonnes</td>
</tr>
<tr>
<td>Clear Deck Space</td>
<td>n/a</td>
</tr>
</tbody>
</table>
### PERFORMANCE
- **Maximum speed**: 12 Knots
- **Bollard pull ahead**: 60 metric tonnes
- **Bollard pull astern**: N/A metric tonnes

### CAPACITIES
- **Accommodation**: 8 berths cabins
- **Freshwater**: 26 tons cubic metres
- **Fuel**: 102 tons cubic metres
- **Ballast water**: 92.8 tons cubic metres
- **Foam**: 30 cubic metres
- **Dispersant**: cubic metres

### PROPULSION
#### Main engines
- **Number**: 2
- **Manufacturer**: Niigata
- **Model number**: 6L28HX
- **Continuous rating**: 2169 Kw
- **Speed**: 750 RPM

#### Propulsion
- **Number**: 2
- **Type**: Z Peller
- **Manufacturer**: Niigata
- **Model number**: ZP31
- **Propeller diameter**: 2200 millimetres
- **Propeller speed**: 270 RPM

#### Bow thruster
- **Number**: n/a
- **Manufacturer**:
- **Model number**:
- **Propellor Drive**:
- **Thrust**: metric tonnes

### GENERATORS
#### Auxiliary engines
- **Number**: 2
- **Manufacturer**: Volvo
- **Model number**: TAMD103A
- **Continuous rating**: 230KVA 415 v 3 phase 50 Hz
- **Speed**: 1500 RPM

#### Harbour Engines
- **Number**: 1
- **Manufacturer**: Stamford
- **Model number**: HCM434D1
- **Continuous rating**: 47.5 KVA
- **Speed**: 1500 RPM
# SHIP PARTICULARS

## EQUIPMENT

### Towing
- Winch Fwd
- Winch Aft: Bi. Kateek 135 tonnes
- Tugger winch
- Bridle winch
- Towing hook
- Deck equipment

### Navigation
- Magnetic compass: Furuno
- Gyro Compass: Furuno
- Satellite Communication:
  - GPS: SIImrad Gn 33
  - Radar: Furuno 15" FR 1500 Mk3
  - Echo sounder: Skipper GDS 101
  - Auto pilot: Pilotstar AP02 - 501

### Communication
- GMDSS area: A1/A2 - Mf/Hf DSC Skanti Radiotel TRP1150
- VHF: Sailor compact RT2048 & Skanti 1000 DSC

### Other
- Fire Fighting equipment: Draeger BA sets
- Deck crane: Ctecma
- MOB boat: Zodiac
- Salvage equipment
- Oil Dispersal
- Search lights: 2 x Ibak Kiel
- When open for Sale

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