**E-CLASS VESSELS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Built</th>
<th>Shipyard</th>
<th>Flag</th>
<th>Homeport</th>
<th>Ice Class</th>
<th>Class Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beatrix</td>
<td>2009</td>
<td>Ferus Smit, NL</td>
<td>Dutch</td>
<td>Delfzijl</td>
<td>Finnish/Swedish 1A</td>
<td>AUT - UMS, Ice Class 1A, SYS-NEQ</td>
</tr>
<tr>
<td>Fivelborg</td>
<td>2010</td>
<td>Fraserborg</td>
<td></td>
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<tr>
<td>Flevoborg</td>
<td>2010</td>
<td>Fuldaborg</td>
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</tbody>
</table>

**GENERAL PARTICULARS**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>DWAT</td>
<td>4.603</td>
<td></td>
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<tr>
<td>DWCC Summer</td>
<td>13.500</td>
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<td>DWCC Winter</td>
<td>13.100</td>
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<tr>
<td>GT</td>
<td>8.911</td>
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<tr>
<td>NT</td>
<td>4.419</td>
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<tr>
<td>Lenght over all</td>
<td>154.60 m</td>
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<tr>
<td>LBPP</td>
<td>148.14 m</td>
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<tr>
<td>Breadth over all</td>
<td>17.20 m</td>
<td></td>
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<tr>
<td>Moulded depth</td>
<td>11.55 m</td>
<td></td>
<td></td>
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<tr>
<td>Draught Summer</td>
<td>8.190</td>
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<tr>
<td>Draught Winter</td>
<td>8.020</td>
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<tr>
<td>Height WL-HC in ballast</td>
<td>8.50 m</td>
<td></td>
<td></td>
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<tr>
<td>Airdraft in ballast</td>
<td>29.00 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Built</td>
<td>2009 - 2012</td>
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</tbody>
</table>

**ENGINE**

- **Main engine**: Wärtsilä 9L32, 4,500 kW at 750 rpm
- **Propeller**: Single CCP, 4 blades with nozzle, 4,200 mm
- **Bowthruster**

**INSURANCE**

- **Classification**: Bureau Veritas
- **P&I Club**: North of England P&I Association

**HOLDS/HATCHES**

- **Type of holds**: Fully openhatch - no understow
- **Cubic Capacity**: 606.781 cft
- **Capacity hold 1**: 255.982 cft
- **Capacity hold 2**: 350.799 cft
- **Dimensions hold 1**: 50.40 x 14.34 x 11.47 m
- **Dimensions hold 2**: 61.60 x 14.34 x 11.47 m
- **Hatchcover type**: Cargotech MacGregor Navire Hydraulic steel pontoon hatches
- **Max pressure Tanktop**: 15.00 mts/m²
- **Max pressure weatherdeck**: 1.75 mts/m²

**CARGO CRANES**

- **Gearless / geared**: Gearless

**FUEL OIL SPECIFICATION**

- **HFO as per ISO 8217:2010 RMG 380**
- **MGO as per ISO 8217:2010 DMA**
- **Within: ECA area t/c operation to be responsible for sulphur limit compliance**
F-CLASS

Particulars believed to be correct, but not guaranteed.
Wagenborg Shipping is a member of Royal Wagenborg. Founded in 1898, the company continuously invests in various means of transport to serve the needs of a broad variety of customers by sea, shallow water and road offering a complete chain of transport.

Wagenborg companies are, amongst others, involved in shipping, stevedoring, forwarding, crane rental, heavy lifting, heavy transport, oil- and gas related services, towage and passenger services. Our integrated logistics solutions are flexible and reliable, provided by our dedicated crew of more than 3,000 employees.

Royal Wagenborg has identified quality, health, safety and the environment as key factors. Wagenborg Shipping manages its quality according to the ISO 9001, ISO 14001 and AES. Our cargo vessels are ISM and ISPS-certified.

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