The LNT45 is a state-of-the-art LNG carrier built around the LNT A-BOX®, an IMO type A LNG containment system designed by LNG New Technologies. Our ABS-classed 45,000 cubic meter vessel is currently under construction at China Merchants Heavy Industry in Jiangsu, China.

LNT45 is owned and operated by Saga LNG Shipping and is available for chartering starting in the second quarter of 2018.

**MAIN DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length o.a.</td>
<td>195.3 m</td>
</tr>
<tr>
<td>Length b.p.</td>
<td>184.8 m</td>
</tr>
<tr>
<td>Beam moulded:</td>
<td>30.0 m</td>
</tr>
<tr>
<td>Depth moulded:</td>
<td>20.0 m</td>
</tr>
<tr>
<td>Design draught (LNG):</td>
<td>9.0 m</td>
</tr>
<tr>
<td>Scantling draught:</td>
<td>10.3 m</td>
</tr>
</tbody>
</table>

**TONNAGE**

- Deadweight (scantling): 29,500 ton
- Gross tonnage: approx. 30,000 ton

**SPEED & RANGE**

- Service speed: 16.5 knot
- Range: approx. 13,000 nm

**MACHINERY & PROPULSION**

The propulsion system shall feature one dual fuel main engine mechanically connected to a single shaft and propeller. The auxiliary generator sets shall be able to burn natural gas.

- Dual fuel main engine: approx. 11,700 kW
- Auxiliary engines: approx. 2,500 kW

**LNT A-BOX® CARGO SYSTEM**

- No. of cargo tanks: 3 (IMO type A)
- Total capacity: 45,000 m³
- MARVS: 0.4 barg
- Design density: 0.6 ton/m³
- Boil-off rate: approx. 0.15% per day
- Min.temp.: -163 °C
SAGA LNG SHIPPING PTE LTD

Focused on optimization and project needs, we build, finance and own tailor-made marine LNG assets and offer these on charter to our partners and clients.

Saga LNG’s current scope comprises FSUs, LNG Barges & LNGCs, FSRUs, FLNGs, and LNG Bunker Vessels. Our focus is firmly on the small to midsized segment, which we generally define as being units with a storage capacity of 1,000 to 100,000 cubic meters.

The LNT A-BOX® IMO type A containment system has been proven especially suitable for the small to mid-scale segment and is the core of our fleet development strategy.

Saga LNG Shipping consists of a multinational team with decades of experience in shipping operations and marine LNG. Our expertise and rich experience from doing business in China gives Saga LNG a competitive edge.

MORE INFORMATION & INQUIRIES

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