M/V LIEMBA
OSK File K324F

As part of Denmark’s development assistance to Tanzania, the passenger ferry “LIEMBA” was completely rehabilitated from 1992 to 1993. The vessel was originally built as “GRAF VON GÖTZEN” in 1913 by Johs. Meyer Werft, Papenburg, Germany.
LIEMBA is now used for transportation of passengers and cargo on Lake Tanganyika, the 800 km long lake which borders on Tanzania, Congo, Burundi and Zambia. The vessel is operated by the Tanzania Railway Corporation and is of vital importance to the regional traffic.
The total rehabilitation comprised installation of 2 pcs. MAN B&W Alpha propulsion plants, new aux. engines and other machinery, new electrical installations, new passenger accommodation, renewal of all pipe systems, double bottom in hold area, new deck equipment including hydraulic deck crane, new crew accommodation and wheelhouse with new electronic equipment.

Main Dimensions:

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
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<tbody>
<tr>
<td>Length o.a.</td>
<td>71.40 m</td>
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<tr>
<td>Length p.p.</td>
<td>67.00 m</td>
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<tr>
<td>Breadth moulded</td>
<td>10.00 m</td>
</tr>
<tr>
<td>Depth moulded to main deck</td>
<td>3.40 m</td>
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<tr>
<td>Draught</td>
<td>2.50 m</td>
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Capacity:
- Main engine: 2 x 625 HP
- Capacity: 480 pax
- Cargo: 200 tons

The following work has been carried out by Ole Steen Knudsen A/S (now a part of OSK-ShipTech A/S):

- Feasibility study
- Out-line design
- Afloat survey and survey report
- Preparation of tender documents
- Tender and contract negotiations
- Supervision of rehabilitation work and commissioning
- Stability calculations
- Test, trials and handing over