"Hoppe Bordmesstechnik" was founded in 1949 by Hans Hoppe, a former HSVA engineer. Based out of Hamburg, Hoppe developed and produced several types of special on-board measuring equipment for engine, navigation, and cargo over the years (e.g. measurement of draft, trim, bending, inclination, power, ship speed, chain length, crane angle, etc.).

1990 Helmut Rohde joined Hoppe and became managing director. The scope of products was continuously widened to include further measuring and control systems.

1997 Established a joint venture in Busan, Korea.

1998 The Rohde family took over Hoppe completely.

2004 The first Hoppe passive U-Tank Stabilization System was developed and delivered.
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>Took over the US company Flume Stabilization Systems, which provides passive roll damping expertise and technology, including the brand and a database full of decades of references and results.</td>
</tr>
<tr>
<td>2010</td>
<td>Established Hoppe China, a fully owned group company, in Shanghai.</td>
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<tr>
<td>2011</td>
<td>The first offshore heavy lift anti-heeling &amp; load compensation system developed &amp; delivered.</td>
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<tr>
<td>2011</td>
<td>First onboard installations for performance monitoring &amp; dynamic floating monitoring systems.</td>
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<tr>
<td>2012</td>
<td>The first Dynamic Floating Monitoring System was sold.</td>
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<tr>
<td>2012</td>
<td>The umbrella branding “Hoppe Marine” was established and includes brands and products of Hoppe, Maihak and Flume. In addition Marc Rohde (left) has taken over the management of the company from his father Helmut Rohde (center). His brother Jörn Rohde (right) is the head of the After Sales and Service department.</td>
</tr>
</tbody>
</table>
Global Service Network

- Hamburg, Germany
- Szczecin, Poland
- Busan, Korea
- Dubai, UAE
- Shanghai, China
- Keelung, Taiwan
- Manila, Philippines
- Singapore, Singapore
- Rio de Janeiro, Brazil
- Panama City, Panama
- Los Angeles, USA

World Wide Service

EMship, Gdynia 20.02.2013
50 years experience in Measurement, Control, Monitoring and Management Systems

50 years experience of accurate shaft power measurement and ships performance control

50 years experience in engineering of passive roll stabilizing tanks
Heavy-Lift Load Compensation

EMship, Gdynia 20.02.2013
Reversible propeller pump

Working Range (60Hz):

Capacity (m³/h)

- H 250
- H 300
- H 400

mWC

EMship, Gdynia 20.02.2013
Valve group with pneumatic actuators
Heavy Lift Offshore Construction Vessel ‘OSA GOLIATH’

- 2 Air Blower Units System; 2000tm/min
- 4-Tank Pair System
Pipe Laying Vessel ‘Aegir’

- 3 × 5 Pumps Type H400 with flow rate of 1500m³/h at 18mWc
- 5-Tank Pair System
Passive anti-roll tanks working principle
What can Hoppe Marine offer?

• Proposal for Internship and Master Thesis:

Development of a practical tool to determine the hull damping of modern ship hull forms
**Fluid Management**

- Valve Remote Control
- Tank Content Measuring
- Bunker Management
- Ballast Management
- Water Ingress Detection

**Motion Control**

- Anti-Heeling
- Blower Anti-Heeling
- Flume Stabilization
- U-Tank Stabilization
- Dynamic Floating Monitoring
- Dynamic Trim and Conning Measuring
- Draught Measuring
- Stability Test

**Ship Performance**

- Maihak Shaft Power Meter
- Torque Power Meter
- Maihak Performance Meter
- Maihak Performance Monitoring
- Maihak Performance Optimization

Best maritime Technology in fields of Fluid Management, Motion Control and Ship Performance