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# ALKOTB MARINE

SUPPORT & SOLUTIONS



Maritime Navigation, Communication, Annual Inspections, Networking and Software Development Engineering-driven services built on professional experience

Navcom | Annual Inspections | Networking | Software

## About Us

ALKOTB MARINE UG (haftungsbeschränkt) is a Germany-based maritime technology company specializing in navigation, communication, safety, and vessel network systems.

The company is founded and led by a maritime professional with over 20 years of hands-on experience in shipboard systems, covering installation, commissioning, inspection, servicing, and technical support in

The company focuses on providing technically sound, regulation-compliant support and solutions for vessels, operators, and maritime stakeholders, with a strong emphasis on system reliability, clarity, and long-term operational value. regulated maritime environments



### Professional Experience

- Over 20 years in the maritime industry
- Hands-on shipboard system expertise
- Navigation, communication & safety systems
- Commissioning, inspection & troubleshooting
- Maritime networking
- Software development



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## Our Services

ALKOTB MARINE UG provides technical services covering the full lifecycle of maritime navigation, communication, safety, and vessel system solutions.

### Maritime Navcom Systems

Installation, commissioning, servicing, repair, and inspection of shipboard navigation and communication systems, including integrated bridge solutions and navigation sensors.

- Navigation systems, sensors and interfaces
- Communication GMDSS and commercial systems
- Integrated Bridge Systems (IBS)  
and more ...



### Annual Inspections

Inspection of shipboard communication systems in accordance with international maritime requirements.

- GMDSS systems and components
- Voyage Data Recorder (VDR) APT
- Shore-Based Maintenance (SBM) contract  
and more ...



### Networking & Surveillance

Design, installation, and maintenance of vessel IT networks and surveillance systems with a focus on reliability and cybersecurity.

- Shipboard network infrastructure
- Cybersecurity measures and segmentation
- CCTV and surveillance systems  
and more ...



### Software Development

Developing custom maritime software to aggregate and visualize NavCom network data, tailored to specific client requirements.

- Software integration
- Software collect and exchange data
- Software to support legacy systems  
and more ...



All services are performed with a strong focus on technical clarity, regulatory compliance, and operational reliability.

## Professional Experience & Expertise

ALKOTB MARINE UG is founded and led by a maritime professional with over 20 years of practical experience in navigation, communication, safety, and vessel system technologies.

This experience has been gained through hands-on involvement in shipboard installations, commissioning activities, inspections, troubleshooting, and system support across a wide range of vessel types and operational environments.

The work has consistently been performed in regulated maritime contexts, requiring strict adherence to international standards, technical documentation, and operational procedures.

### Shipboard Systems Experience

- Navigation systems
- GMDSS & Communication equipment
- Safety, alarm, and recording systems
- Integrated shipboard architectures

### Project Management Experience

- New installations and retrofits
- Commissioning and sea trials
- System testing and verification
- Fault diagnosis and troubleshooting

### Regulations and Standards

- SOLAS and IMO requirements
- Flag State and Class requirements
- IEC and ISO-related standards
- Manufacturer recommendations

### Planning and Work Principles

- Clear technical documentation
- Structured and methodical approach
- Focus on system reliability
- Long-term operational perspective



This experience forms the foundation of all services provided by ALKOTB MARINE UG.

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## Stay Connected

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