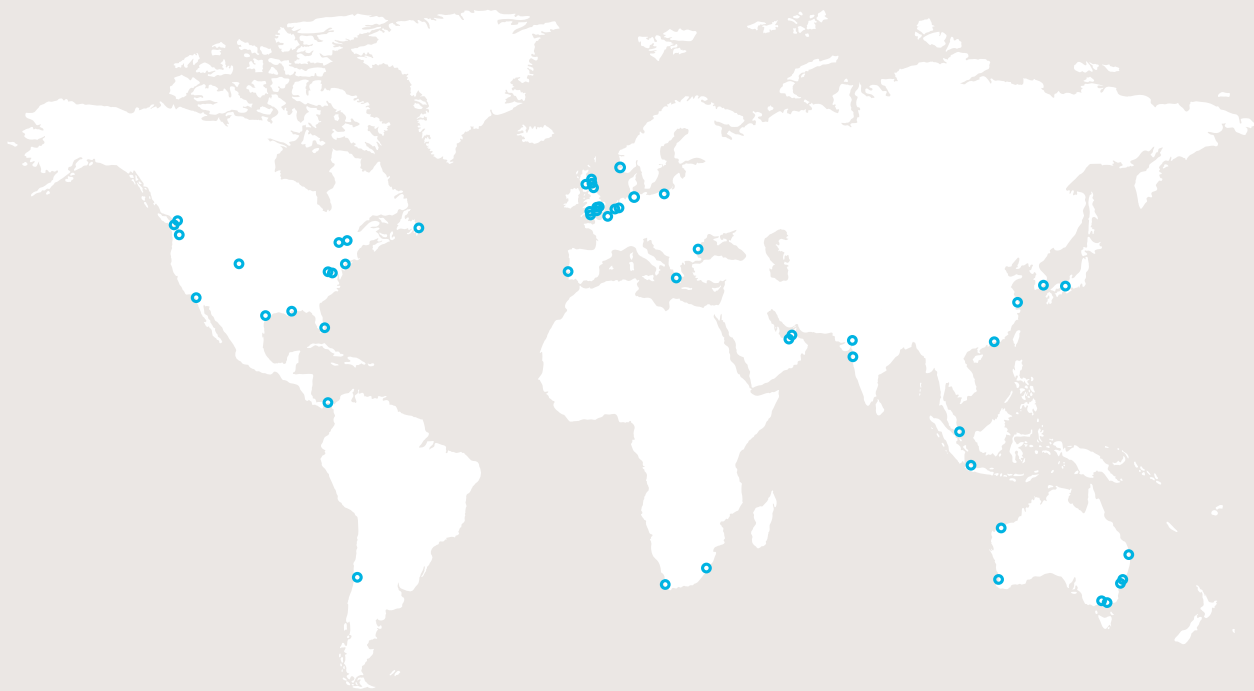


BMT Fleet Technology is an innovative leader in providing through-life engineering support from concept development through design, construction, operations, life extension/upgrade and disposal. The company employs its technological expertise and practical experience to provide services to clients in the Marine, Defence, Energy & Environment, Civil & Industrial Infrastructure, and Transport industry sectors. We are committed to retaining and applying practical knowledge of sector-specific factors in developing responsive solutions to customer's needs. The company's hallmark of engineering excellence involves the provision of leading edge structural and mechanical system damage assessment, materials and welding engineering, inspection and maintenance management, naval architecture and marine engineering, environmental and cold regions engineering services.



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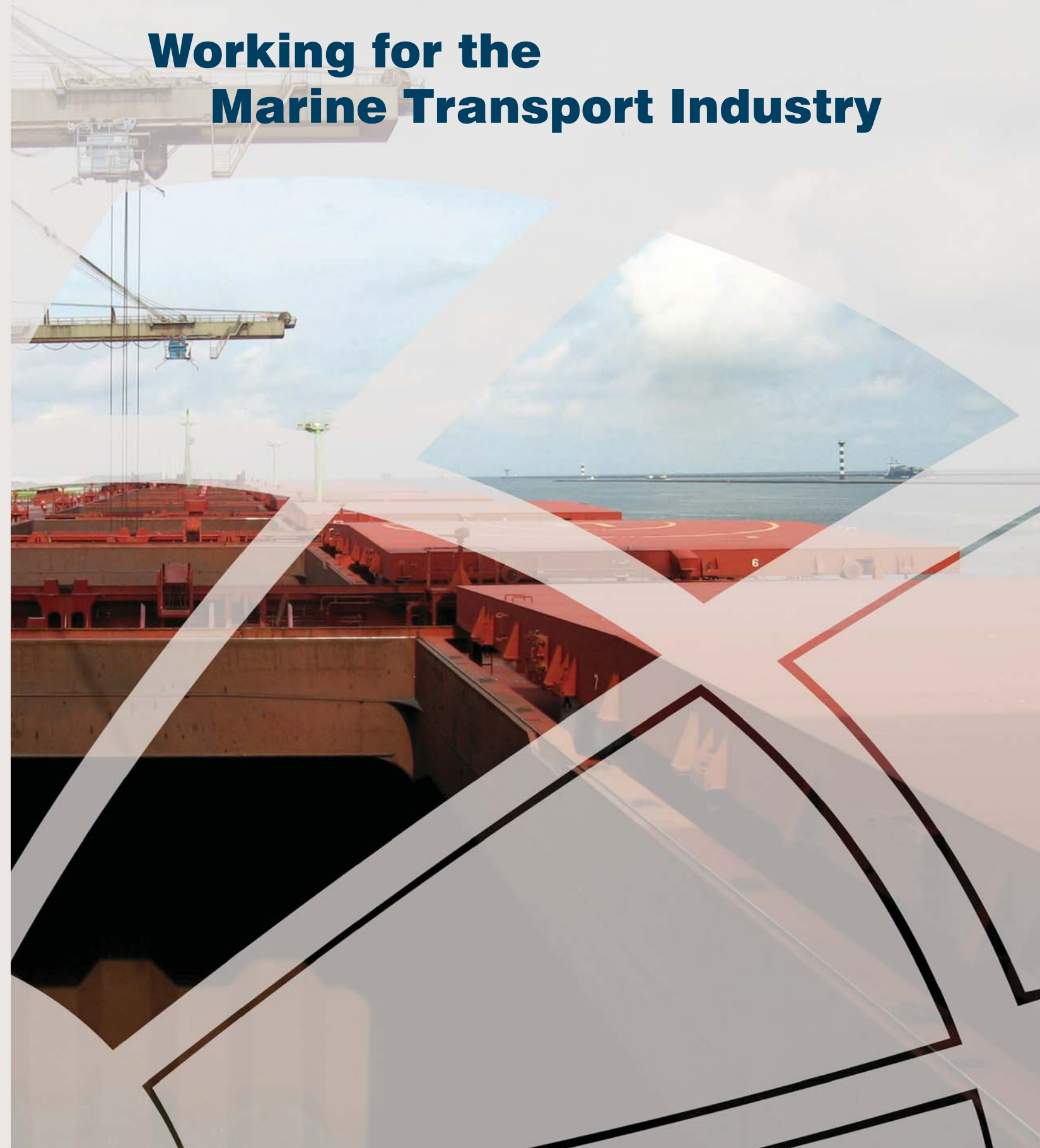
Web: [www.fleetech.com](http://www.fleetech.com)

Or contact us through any of our sister BMT companies with over 60 offices worldwide to serve you.

Certified to ISO 9001:2000, we are dedicated to ongoing quality and management systems.

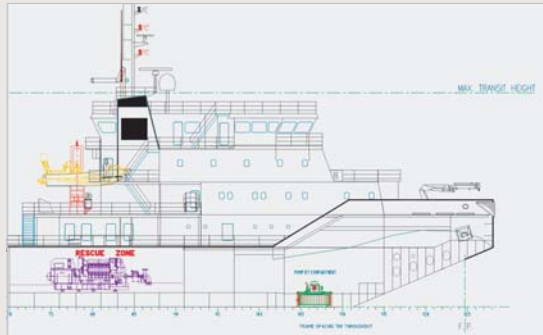


# Working for the Marine Transport Industry



# Design and Acquisition

BMT Fleet Technology specializes in the design, development and assessment of ships and marine structures. We offer an unparalleled scope of services for design and design support whether our clients are operators of cruise liners, oil tankers or government fleets.



## Naval Architecture

BMT offers an unparalleled scope of services for design and design support. From concept design through detailed and production design to survey and inspection, we deliver high quality engineering services to the shipping industry.

We provide route analysis and feasibility studies; concept to detailed design including production drawings; passenger flow and ship evacuation analysis and environmental engineering.

Our world leading software models, logistics support and expertise in hydrodynamics help us to increase our clients' profitability and competitiveness while also meeting safety and environmental standards.

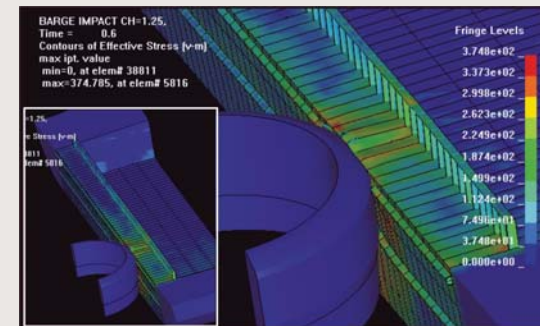
## Ship Acquisition Support

BMT provides independent consultation and management services for ship acquisition including:

- concept development, operational analysis and performance specification development;
- design reviews, plan approval support, design analysis and model testing;
- acquisition strategies for fleet replacement and capital investment;
- costing analysis of ships and commercial operations, route analysis;
- specification support for ship systems, applying architectural models to produce detailed, bespoke specification documents;
- client representation including project management, technical support and feasibility analysis;
- ship trials from shipbuilder's acceptance trials to extended Arctic trials involving complex data acquisition
- acquisition assessment and modification design packages for pre-owned ships; offering a complete solution from survey through value analysis to technical solution development and modification implementation.

# Operation and Support

Ship operators are faced with increasingly stringent economic, safety and environmental constraints. BMT provides a full range of services to help companies improve the profitability of their operations and ensure they meet their legal obligations.



## Structural Analysis

BMT Fleet Technology' uses a multi-discipline approach to structural analysis and maintenance. Not only does BMT offer theoretical analysis of stresses and strains through finite element analysis, its fully equipped laboratory can test the materials and determine the cause of failure. We have also developed hull monitoring equipment for the early detection of cracking and crack growth.

## Repair and Maintenance

We provide failure analysis and repair procedures for complex systems. Whether it is damaged propellers, failed bearings or simply a system that is not performing as it should, BMT's multi-discipline systems and material analysis can identify the root cause of the failure and the means to repair the system or upgrade it to reduce the possibility of future failures.

## Evacuation, Risk and Safety

BMT provides a range of services related to evacuation, risk and safety for the marine and offshore industries that allows us to examine vessel or structure layout and provide an optimal arrangement for normal and emergency operations.

## Environmental Management

- Air emissions control strategies through abatement and control technologies, fuel types and diesel technology
- Sewage handling and treatment design and installation assistance, sample analysis, development of operating procedures and training materials
- Ballast water technology research and development, assessment of treatment systems, trials and testing, system analysis and design

## System Consulting and Auditing

Our services include one-off ship audits for a specific purpose or more comprehensive audits to support the implementation or improvement of a company's environmental management system.