MARINE AND COASTAL INFRASTRUCTURE

The innovators in engineering design
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Feasibility Studies // Design and Documentation // Infrastructure Assessment

MADSEN GIERSING – DESIGNING FOR THE MARINE ENVIRONMENT

Madsen Giersing are leading marine engineers with expertise in planning, design and assessment of marine infrastructure. We are specialists in the design of temporary works and, this expands our capabilities and provides us with unique insights into construction of marine works. With a reputation for innovation and complex engineering problem solving, our team works hands-on with our clients throughout the life of a project to deliver practical, safe and cost-effective solutions tailored to their requirements.

From initial feasibility studies, through to full, detailed engineering design and construction, all projects are strictly quality controlled in accordance with ISO 9001 to ensure the best project outcomes with respect to safety, risk, quality and budget parameters.

ASIA-PACIFIC AND BEYOND

Madsen Giersing have provided engineering design services on a broad range of marine works projects in Australia, Papua New Guinea, South East Asia and the wider Pacific region. Some of our major projects include oil, dry bulk, bulk liquids and cruise terminals. Our clients include government bodies, port authorities, private sector companies and national and international construction contractors.

MARINE WORKS SERVICES

- Concept design
- Pre-feasibility and feasibility studies
- Tender design/support
- Detailed design
- Third party verification
- Construction support
- Temporary works design
- Condition inspections
- Capacity assessments of existing infrastructure
- Remedial, upgrade and strengthening design works
- Asset life extension

MARINE STRUCTURES

- Oil and Gas terminals
- Dry bulk terminals
- Bulk liquids terminals
- General cargo facilities
- Container terminals
- Cruise ship terminals
- Tug harbours
- Roll-on roll-off facilities
- Defence facilities
- Shiplift facilities
- Material offloading facilities
- Transhipment facilities
- Barge loading facilities
- Ferry terminals
- Dry docks
- Slipways
- Navigation aids
- Coastal revetments and breakwaters

TO DISCUSS YOUR MARINE PROJECT WITH THE MADSEN GIERSING TEAM, PLEASE CONTACT:

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