

MARINE AND

COASTAL

INFRASTRUCTURE



The **innovators** in engineering design


Madsen Giersing

MARINE AND COASTAL INFRASTRUCTURE

Feasibility Studies // Design and Documentation // Infrastructure Assessment



Lekir Bulk Terminal, Malaysia

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.

Cover image: Whyalla Port Expansion, South Australia

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
- Transshipment facilities
- Barge loading facilities
- Ferry terminals
- Dry docks
- Slipways
- Navigation aids
- Coastal revetments and breakwaters



Motukea Bulk Cargo Wharf and Container Terminal, PNG



Dampier Bulk Liquids Berth, Western Australia



Permanent Aviation Fuel Facility, Hong Kong



Tug Harbour, Western Australia

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


Madsen Giersing
The innovators in engineering design

Suite 4.1 Modular
4 Kyabra Street,
Newstead Qld 4006 Australia
P +61 7 3606 6200
E mgce@madsengiersing.com.au
madsengiersing.com.au