

Shore Protection & Marine Structures

Ben C. Gerwick, Inc. has specialized in the design of marine structures for more than 75 years, and is known internationally for its innovative design capabilities and solutions focusing on constructability and minimization of costs.

Ben C. Gerwick, Inc. provides consultancy services for the planning, design, and construction of coastal protection and marine structures, ranging from inland waters, to coastal and offshore regions. In addition to coastal and marine engineering, our services include wharves, piers and jetties, bridges, inland waterways, locks and dams, offshore terminals, offshore platforms, dry docks, harbor facilities, and deep foundations.

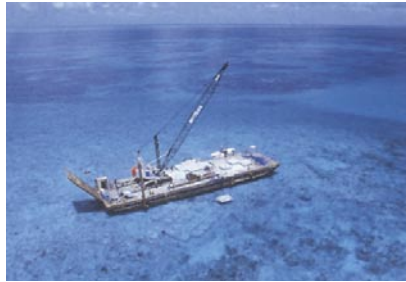
Ben C. Gerwick, Inc. is a leader in the development of float-in and in-the-wet construction techniques, with special expertise in breakwaters and rubble-mound structures, caissons, heavy lifts, floating concrete structures, marine transportation, and risk assessment.

Our innovative design solutions and expertise has been applied to structures worldwide extending from the Arctic to tropical climates.

When providing consultancy services, Ben C. Gerwick, Inc. maintains close collaboration with clients to ensure that the desired goals are achieved.



Beach before nourishment, Inner Danish Waters.



Innovative restoration of coral reefs at Florida Keys National Marine Sanctuary, FL.



Coastal defense works on the Irish East Coast.



Puerto de Carboneras Breakwater, Spain.

Project management and Quality Assurance are essential aspects of our consultancy services when interfacing with clients, subconsultants and contractors. Our services apply to private clients, corporations, design and engineering firms, commercial ports, government bodies, the Army and the Navy.



Advance of shoreline after nourishment.



Placement of rock for pier protection islands on the Cooper River, Charleston SC.

Structures:

- Artificial Islands
- Ship Impact Protection Systems
- Artificial Reefs
- Scour Protection
- Sheetpile Structures
- Beach Nourishment
- Inlet and Outlet Structures
- Channels and Distribution Systems
- Breakwaters
- Groynes
- Revetments, Seawalls and Dikes
- Slope Protection
- Concrete and Rubble-Mound Structures
- Fish Habitat, Bypass and Protection Structures
- Graving docks
- Launching and Load-Out Facilities