



R. J. Bamford Associates consists of a diverse group of distinguished marine industries engineers and professional experts, with extensive experience in a wide variety of marine and aquatic related subjects. They are available to provide sound solutions for our clients around the world. Whatever marine or aquatic challenges you have, our consultants can provide expert effective responses. If you don't see your topic listed on this page, contact us, we can fill your marine industries consulting needs.

Engineering

- Civil
- Geophysical
- Mechanical
- Structural
 - Anchoring systems
 - Breakwaters
 - Construction
 - Docks
 - Dredging
 - Dry Docks
 - Estuarine
 - Harbors
 - Littoral drift
 - Marinas
 - Moorings
 - Pipelines
 - Seawalls
 - Shipyards
 - Single point moorings
 - Specification writing
 - Underwater technology

Ship building

- Boat design
- Boat construction
- Navel architecture
- Seaworthiness
 - Glass fibre
 - Aluminum
 - Steel
 - Wood
 - Welding

Diving

- Equipment
- Hard Hat
- S.C.U.B.A.
 - ADS
 - Decompression
 - Helium
 - Hyperbaric
 - Nitrox
 - ROV
 - Safety
 - Saturation
 - Submersibles
 - Systems
 - Treatments

Dredging

- Bucket wheel
- Clamshell
- Cutterhead Suction
 - Excavator
 - Dewatering
 - Estimating
 - Filtration
 - Production
 - Spoil disposal
 - Supernatant

Contracting

- Aquatic
- Coastal
- Dredging
- Environmental
- Harbor
- Marine Str
- Mechanical
- Pipelines
- Oceanographic
- Ocean
- Underwater

Submarine Cable

- Cable laying
- Cable repairs
- Cable retrieval
- Cable trenching
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Oceanographic

- Aids to navigation
- Benthic studies
- Climate study
- Lake studies
- Currents
- Environmental study
- Fluid studies
- Hydrographic survey
- Mapping
- Ocean studies
- Surveying
- Inspections
- Positioning
- Plume studies
- Reef study
- Tides
- Tsunami

Check for:

Tug Jeff Victory X cropped - Jack up rig Blue – Vandive
II Norm towing – Container ship cropped – BC Marine
ways Cropped – UW Cable - Dry Dock

Pipelines – Underwater

- Crossings
- Intakes
- Outfalls
 - Cast Iron
 - Cement
 - HDPE
 - PVC
 - Steel
- Cast Iron
- Construction
- Design
- Engineering
- Filtration systems
- Installation
- Trenching
- Weights

Fisheries

- Dragging
- Gillnetting
- Long-Lining
- Purse Seining
- Shell-fishing
- Trawling
- Trolling
- Aquaculture
- Fish farming
- Processing
 - Canning
 - Freezing
 - Smoking

Pile Driving

- Batter piles, Bearing piles, Caisson pileing, Caps, Colby piles, Deep foundation pile, dolphins, drop hammer, Dynamic pile testing, followers, Franki pile, Geotechnical, Geotextiles, Zee pile jackets, Leads, Marine pile-driving, Mitigation, Pile moments, Pile-driving analysis, Pile extraction, Pre-stressed concrete piles, Sheet piles, Soils conditions, Soil stabization, Specification writing, Timber pile, Vibratory pile hammer and Colby piles

