

# Bray Yacht Design And Research Ltd.

[www.brayyachtdesign.bc.ca](http://www.brayyachtdesign.bc.ca)

Phone: (604) 531-8569

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Making Dreams Come True Since 1974

## Cape Scott 85 Semi-custom 85 foot passagemaker



## Karvi 47 Long range trawler-passagemaker



160 ft. Motoryacht

**Naval Architects**

**Project Managers**

**Interior Designers**

**Marine Consultants**

**Providing Services To:**

- Private Individuals
- Companies
- Organizations
- Governments

**Engaged In:**

- Marine transportation
- Ocean Engineering
- Pleasure Craft
- Commercial Vessels
- Projects Relating To The Marine Environment



## Model Testing



Model testing an 86 ft. motoryacht with a bulbous bow.

### For All Your Requirements:

- Research and Development
- Technical Studies
- Reports Concerning Structures
- Powering Estimates
- Propeller Calculations
- Stability Reports
- Weight Calculations
- Feasibility Studies
- Operational Aspects For All Types Of Marine Equipment
- Dedicated Equipment For Open Water Testing Of Model Hulls
- Video Record Of Model Testing
- Attention To Detail In All Aspects Of Design

## Bulbous Bows— Retro-Fit and New Builds

A retro-fit of a bulbous bow to an existing hull, to correct for an excessive bow wave and to increase speed and fuel efficiency was done on the "Amnesia".

The vessel now has an acceptable bow wave, and a speed increase of three knots at the same rpm.



**WORKING YACHTS** 76 "Kookaburra"

## Catamaran Powerboats

### Pacificat

This 22 ft. power-cat was designed mainly as a sportfishing boat. The extremely stable platform is perfect for fishing in all types of sea conditions.

This boat is also great as a tender for a large motoryacht.





## Complete Designs



### Expertise In The Preparation Of:

- Conceptual Designs
- Preliminary Layouts
- Complete Designs
- Hull And Deck Lines Plans
- Model Test Programs
- Construction Drawings
- Presentation Profiles
- Hull Sections
- Masts And Rigging
- Shafting And Machinery Drawings
- Specification Books
- Owners Manuals
- Costing Out
- Shop Flow Charts
- Project Mangement
- Conversions Of Existing Equipment

**WORKING YACHTS** series: Fox Sports 86 and "Miss Betty" 76

## Conceptual Designs



"Iron Wind" 62 ft. Aluminium Coastal Cruiser & Dive Boat

## Model Testing



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Since 1974**

Research is a part of our name and  
an important part of our work.

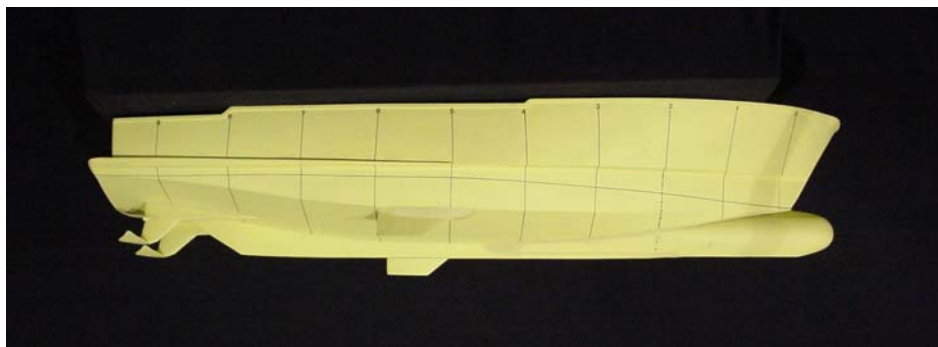
It is a commitment to an ongoing  
quest for excellence in design.



"Hi Dad" Custom Trawler Yacht



100 ft. Catamaran Cruise Ship



Model Of Advanced Fuel Efficient Hull From Recent Testing

- Power Catamarans
- Bulbous Bows
- Mini Cruise Ships
- Patrol Vessels
- Motorsailers That Sail Well And Motor Up To 25 Knots
- Fast, Light Displacement Cruising / Racing Sailboats
- Super Fuel Efficient Long Range Motor Yachts
- Offshore Trawler Yachts

Working Yachts 76

Northwind 49

