

BRAY
YACHTS

Ocean Series

BRAY
YACHT DESIGN
AND RESEARCH

www.brayyachtdesign.bc.ca



Available exclusively through
Bray Yacht Design And Research

Semi-Custom

Steel Hulls

Model Tested

Super Fuel Efficient

**Got a favourite place to
go boating?**

**How about new horizons
you want to explore?**

**These tough, practical
yachts can take you
there in style, safety and
comfort.**

This new breed of metal yachts are built using our fuel-efficient, stable hull form, constructed to a standard that exceeds ABS Requirements for Offshore Vessels.

Combining ocean-proven toughness with yacht style and the comforts of home, these well-built yachts are the SUV's of the ocean.

Customize yours to suit your personal requirements for interior layout and finish, electronics and power plant.

Ocean Series

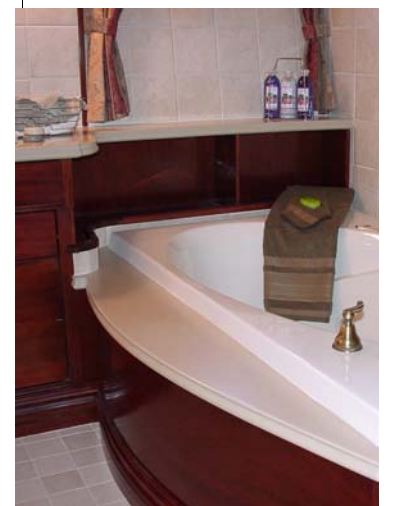
Semi-custom passagemakers

from 65' to 100'



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What's your comfort level? We'll work with you to ensure your yacht exceeds expectations.



Here's the test of our Super Fuel Efficient Hull....



and here's how the competition shapes up....
More wake, more waves — more resistance.

What does this mean to you?

Better fuel economy. More comfortable motion. Less water on deck. Higher speeds under way. Just a few of the many ways you'll appreciate the effectiveness of this proven hull design.



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.

Ocean Series.

The result of that commitment.



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**Making Dreams Come True
Since 1974**

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BRAY YACHTS – Ocean Series

Now available from Bray Yacht Design And Research, serious long range offshore cruisers that were developed through client requests for a quality ocean-going vessel. These yachts are heavy-built for unrestricted offshore use, and feature Pat Bray's latest in hull, bulb and stabilizer designs, giving owners a vessel that is better than 30% more fuel efficient than most other boats in the marketplace. In fact, the cruising range at 9 knots under power is over 3500 miles, burning one gallon per mile. The exceptional seakeeping, roll dampening, and pitching dampening that come along with this hull makes this a far more comfortable and secure voyager as well. Secure, because the range of stability in excess of 160 degrees of heel means that these vessels want to stay right side up as much as you do.

Because these cruising trawlers are custom built on a standard hull form, they can be built for half the cost of 'gold-plated' superyachts of the same size, and the superstructure and interior layout are styled and designed to suit each owner. A wide variety of equipment options are also available with this format, so every owner ends up with a vessel uniquely suited to their particular needs.

These yachts are available with steel hull construction, and typical features include a watertight forward collision bulkhead, watertight engine room bulkheads, a spacious pilothouse, an efficient seagoing galley, and plenty of storage space. Comfort and luxury do not need to be sacrificed to own one of these practical and sturdy vessels, as every detail of the interior is carefully attended to.

Three vessels in this series have presently been launched; the first, a 76 ft. long-range motoryacht, in January of 2002. She completed an 8300 mile delivery trip through the Panama Canal to her current home base in San Diego. Her owner is currently enjoying taking her cruising and fishing. The second, another 76ft. long-range pilothouse motoryacht, was launched in Vancouver, B.C. in the fall of 2004. The third, an 86 ft. long-range sportfish launched in the fall of 2006. A fourth vessel, an 80 ft. Expedition style, starts construction later this year.

These yachts are designed and built for owners who knows what they are looking for – performance, practicality, versatility, strength, comfort and safety.

BRAY YACHT DESIGN AND RESEARCH LTD.
Making Dreams Come True Since 1974

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BRAY YACHTS - Ocean Series

Design Features/Advantages

Ocean-proven designs, efficient and economical to build
Flexible layouts and a wide variety of profile styles
Practical, yet elegant - stylish designs

Super fuel-efficient hull form

- Developed over 15 years of extensive research
- Efficient over a wide range of displacement and semi-displacement speeds
- Stability range to 180 degrees, self-righting at all angles of heel
- No major down flooding points
- Superior dampened sea motion both pitching and rolling
- Wide spray knocker to keep water off decks
- Very good maneuverability

Bulbous bow

- Fitted to over 40 boats from 40' – 160'
- 13% drop in resistance
- Dramatically reduces pitching motion

Speed nozzle and Bi-foil skeg for 10% greater power efficiency
Fully protects the prop

Fixed/active stabilizer fins with midship blister

- protect the active flap from damage
- dampen roll even at anchor (almost 50%)
- 6% drop in resistance

Structure designed to the ABS Rules for Unrestricted Offshore Vessels

- No major down flooding points
- Large freeing ports to clear water off decks
- High bulwarks and handrails for protection on deck
- Collision bulkhead forward with additional watertight engine room bulkheads

Day tanks separate from fuel storage tanks for better fuel management

Grey water and waste holding tanks

Full length keel for protection and level grounding

Good deck and dock access from the Pilothouse or the Cockpit

Excellent dinghy access at water level and excellent access to the swim platform

Full standing, walk around engine room

Plenty of on deck storage

Engine room and aft deck surveillance cameras

Dry stack exhaust or wet exhaust

Keel cooling

Beautiful wood interiors, granite counters, and upholstered ceilings

Quality construction and finishing

Ocean tested from the Gulf of Mexico to San Diego to Alaska



Expedition

3500 mile range
at 9 knots

Max. 12 knots



Motor Yacht

2000 mile range
at 12 knots

Max. 18 knots



Ocean Trawler

3500 mile range
at 9 knots

Max. 12 knots



Ocean Sportfish

3000 mile range
at 10 knots

Max. 15 knots

Bray Yachts - Ocean Series from 65 ft. – 100 ft.

BRAY YACHTS - Ocean Series		
Equipment	Accommodation	Pilothouse & Electronics
110 lb Bruce anchor w/250' of 9/16" galv. chain	110 V outlets throughout	2 location surveillance system, monitor in PH
110 lb Danforth anchor w/450' of 9/16" galv. chain	\$25,000 US Entertainment allowance	\$35,000.00 US Electronics allowance
15' rigid inflatable dinghy with 40 hp outboard	\$10,000.00 US Galley allowance	3 Integrated computer ports
1500 lb hydraulic davit	\$5,000.00 US Flooring allowance	Satelite TV/phone system
30" Life ring	\$15,000 US Mattress, drapes, cushions allowance	3 window defrosters
4 fire extinguishers	Cherry paneling & laminate interior	3 wipers with washers
4 lifejackets, 4 docklines, bell and bracket	Dual ss galley sinks	4 indoor stereo speakers
6 man canister liferaft kit	Extraction vent with fan	4 outdoor stereo speakers
400' of 1" Sampson Braid docklines	Granite galley counter tops	6" compass
Air Horn	Granite wc counter tops	2 Computer monitors, 15" flat screen
5 zone air-conditioning/heating system	Haefle latches on all doors and drawers	Computer, w/cordless keyboard, mouse, printer
Alarm system (fire, flooding, engine)	Padded Majilite ceiling	GPS
Wet exhaust OR Dry stack exhaust, cowl muffler	Sealand Vacuum toilets	Intercom system (4 location)
Dual Gypsy horizontal Hydraulic windlass	Smoke detector system	MMC engine controls, 2 stations
Fixed/Active fin stabilization system, Wesmar controls	Stacked Maytag Washer/Dryer	Remote tank monitors for all tanks
Glendenning power cord storage syst. w/100' cord	Telephone shower heads w/mixer taps	4 Royal City helm seats
Grey water tank	Tempered glass shower doors	Rudder angle indicator
Rule 5000 bilge pumps		Sub electrical switchboard
Salt water wash down and fire fighting system	Hull	Alum. framed tempered 1/2" glass windows
Seachest for intake water	protective steel shoe full length	
Search light, 1,000,000 candlepower	5/16" steel hull plating	
Stainless steel fresh water tank w/inspection hatch	Meets ABS for Unrestricted Offshore Use	
Waste tank	150 lbs zinc evenly spaced on the hull	
Wesmar 16" 50hp bow thruster	3 watertight bulkheads	
	watertight engine room door	
Engine Room	42" dia. skewed props	
1400 amp house battery system	6 hawse holes and cleats	
2 John Deere 330 hp diesel engines	Bulbous bow	
2 Northern Lights 25kw Gensets with sound shields	Collision bulkhead	
2 single Racor fuel filters for gensets	Ground plate	
3 dual Racor filters for engines, w/flow scan monitor	Stainless steel anchor chafing plate	
3:1 ZF gear box	Stainless steel dual anchor roller	
30 kw 12v Heart inverter by Freedom Marine	Stainless steel prop shafts	
240 amp engine start system	Stainless steel rub strake	
40 gallon high recovery water heater	Hull faired above waterline	
FRP trays under engines and transmissions		
Daley Marine 800 gal. per day water maker	Superstructure	
Daley Marine Ultra Violet fresh water filter system	Alum. framed 1/4" tempered glass ports	
Daytank for diesel fuel	Alum. framed 3/8" tempered glass windows	
Dedicated engine battery system	Alum. weathertight Dutch PH door	
Electrical main switch	Alum. weathertight salon door	
Emergency engine driven bilge pump	Bimini hardtop	
Emergency steering lock	Dinghy chocks	
Engine lube oil removal pump	Stainless steel handrails	
Engine room blowers - Air In & Air Out	fully faired 3/16" aluminum house	
Engine room main electrical panel	or 1" foam cored fiberglass fully faired house	
Fuel tanks w/inspection hatches		
Fuel transfer pump		
Heat and sound insulated engine room		
Hydraulic steering		
New and used oil tanks		
On-tank site gauges		
Halon engine room fire system		
Keel cooling for main engines and gensets		
Fully equipped vessels starting at;	Fully equipped vessels starting at;	Fully equipped vessels starting at;
OCEAN SERIES 65 - 75 FT	OCEAN SERIES 70 - 85 FT	OCEAN SERIES 80 - 100 FT
20'-6" beam series	22'-6" beam series	24'-6" beam series
complete vessels from \$2.7Million US	complete vessels from \$3.4 Million US	complete vessels from \$4.2 Million US

We reserved the right to change and upgrade equipment.
A current equipment list is developed for each individual vessel to meet the client's exact requirements.