

WORKING YACHTS

Design Features/Advantages

Efficient designs that are economical to build
Flexible layouts and a variety of different profile styles

Super fuel-efficient hull form

- Developed over 10 years of extensive research
- 30% more 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'
- 12% 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

- protect the active flap from damage
- dampen roll even at anchor (almost 50%)
- no loss in speed
- fitted with hull blisters reduce resistance 6%

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 2 additional watertight 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

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

Ocean tested from the Gulf of Mexico to San Diego, CA

Practical, yet elegant stylish designs since 1974

BRAY YACHT DESIGN AND RESEARCH LTD.

www.brayyachtdesign.bc