

*introducing the new*

# *Blue Jacket* 40



The new Blue Jacket 40 offers an enviable pedigree of two prolific North American designers along with the industry-leading building prowess of Island Packet Yachts. Delivering a unique combination of exhilarating performance, luxurious accommodations and exceptional

quality, the Blue Jacket provides a delightful environment for family vacations and overnight getaways combined with race-winning capability.

The large sailplan is a further refinement of the Solent style

rig featuring standard double head sails with a working jib and a lightweight 150% reacher that mounts on the integral bow prod, both furled with Harken® systems. The working jib is fitted with a carbon fiber Hoyt Boom® that is self-tending and improves performance with its close sheeting and self-vanging feature, while the large reacher boosts performance in light air or when off the wind. The fully battened mainsail is equipped with a standard electric halyard winch and a low friction Battcar system and drops easily into a carbon fiber pocket boom with an integral cover and lazy jack system.



This easily managed rig has ample horsepower and versatility for optimizing performance in a wide range of conditions. All sheets lead to the cockpit near the helm and primary winches for short-handed convenience.

On deck, anchor handling has been simplified and made especially convenient with a cleverly designed roller recessed in the bow prod providing secure stowage of the anchor and directing the rode to the anchor locker with a (optional) below deck electric windlass that keeps the deck and profile uncluttered. A deck hatch gives access to this area. Wide side decks with full length raised bulwarks, double lifelines, bow and stern rails and cabin top handrails provide security on deck.

The large cockpit has deep coamings, long seats and twin helm stations with great visibility and ready access to all sail control lines. Seat hatches provide access to storage areas and a (optional) central drop-leaf table makes for a great social area.

Hinged transom doors open to the integral stern platform with a retractable swim ladder under a central hatch.

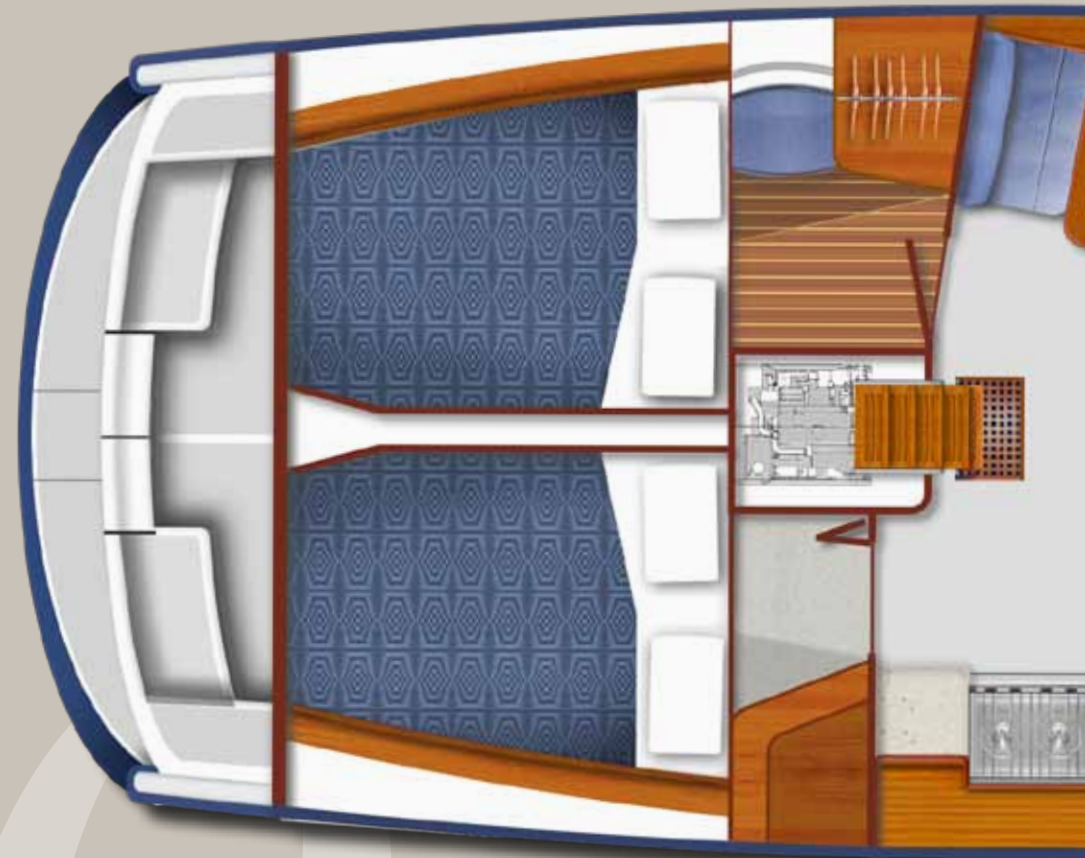


Entering the interior one is welcomed by an open and bright central area that includes the saloon, nav station and galley. The spacious saloon features faceted settees that create an inviting social setting for relaxation, after-sail beverages or the sharing of meals served on the large table that retracts against a bulkhead bottle rack. The nav/office area has a full size table with tray storage under a hinged lid and a large panel array outboard holds master electrical controls with room for owner added equipment.

The galley will please the most enthusiastic chef with its ample working room, counter space, storage areas and conveniences such as a hidden rubbish bin. A stainless steel refrigerator/freezer with deep pull-out drawers gives home-like convenience. Deluxe, solid surface counters with integral fiddles make this galley area as attractive as it is functional.

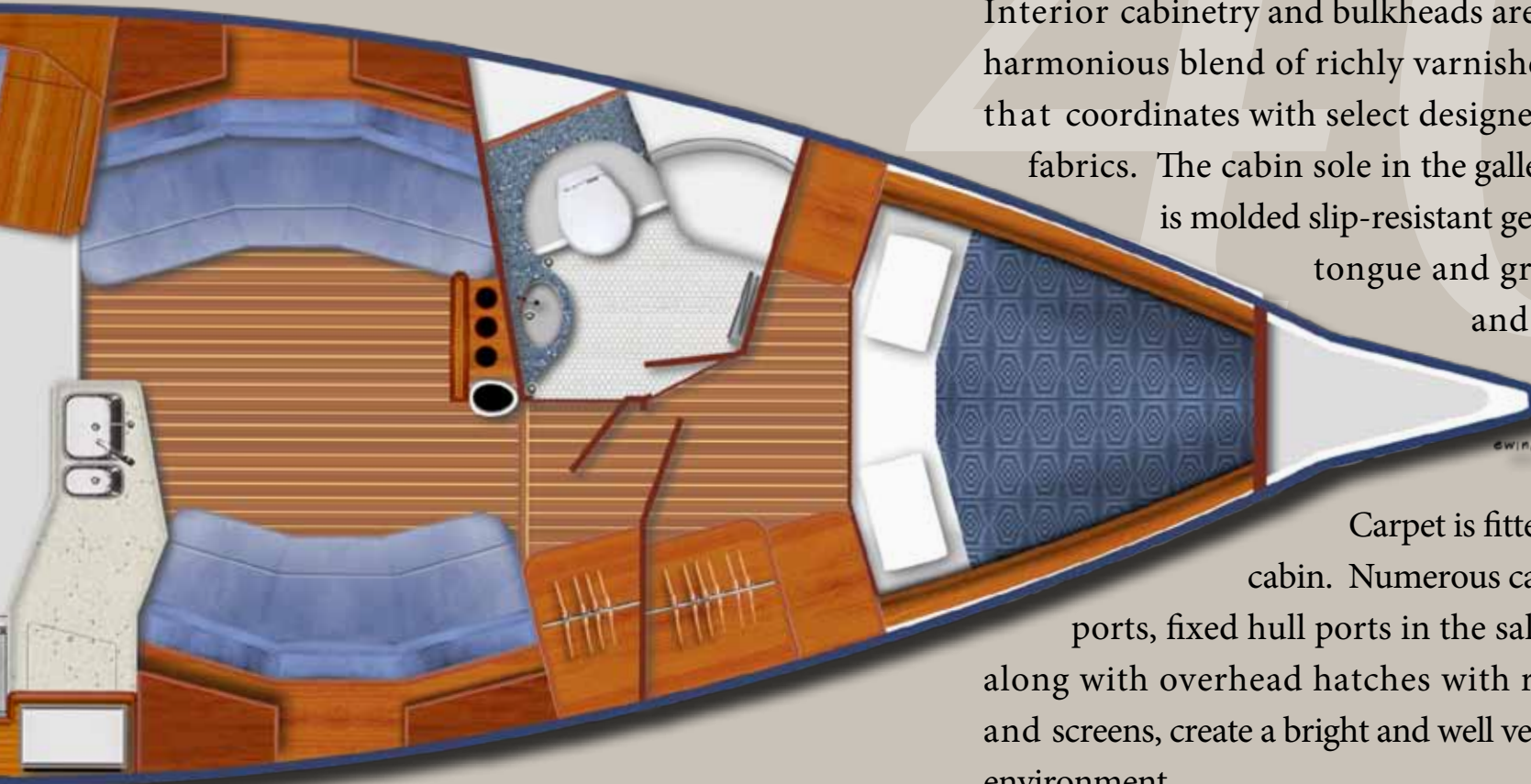
The head has separate entry doors from either the saloon or the forward cabin, and features a wrap around premium solid surface vanity countertop with integral fiddles that creates secure seating for the electric flush toilet. The shower area has a wide seat and a folding acrylic shower door that creates a spacious enclosure. The slip resistant sole is a molded tile

pattern and storage cabinets above and below the vanity are provided along with a large framed mirror.



The standard interior plan has three cabins. The forward cabin is provided with storage in twin bureaus port and starboard, a large hanging locker, two deep drawers under the berth and full length shelves outboard. The large double berth with an upholstered dual-density memory foam mattress gives exceptional sleeping comfort. The two aft cabins each have

wide upholstered berths with premium dual-density memory foam mattresses and full length shelves outboard. A hanging locker and upholstered dressing seat is



provided in the port cabin, with a bureau and storage cabinet furnished in the starboard cabin.

An optional interior plan may be selected with two cabins in lieu of the standard plan's three. This arrangement deletes the enclosed starboard aft cabin, extends the galley counter, cabinetry and slip

resistant sole and creates a large cockpit locker that's accessible from either the interior or deck.

Interior cabinetry and bulkheads are finished with a harmonious blend of richly varnished sapele hardwood that coordinates with select designer surfaces and fabrics. The cabin sole in the galley, nav and head areas is molded slip-resistant gelcoat, with varnished tongue and groove solid sapele and oak hardwood soles in the saloon and forward and port aft cabins.

Carpet is fitted in the aft starboard cabin. Numerous cabinside opening ports, fixed hull ports in the saloon and each cabin, along with overhead hatches with retractable shades and screens, create a bright and well ventilated interior environment.

A host of light fixtures throughout the yacht range from dimmable indirect LED strip lights for a soft ambiance in the living areas to courtesy lights with a companionway control switch and strategically placed reading lamps. Generous storage lockers and bins throughout allow plenty of space for gear and provisions.

The Blue Jacket's hull and deck are made with a state of the art vacuum infusion process utilizing 100% vinylester resin, quadraxial knitted E-glass reinforcements and a structural foam core. The end result is superior strength and stiffness with significantly reduced weight compared to conventional laminates.

The use of premium structural foam coring produces better interlaminar bond properties with freedom from potential core deterioration compared to other choices and allows for an industry-best extended hull and deck warranty.



Technology, craftsmanship, comfort, style and performance make the Blue Jacket a standout choice for the discerning sailor.

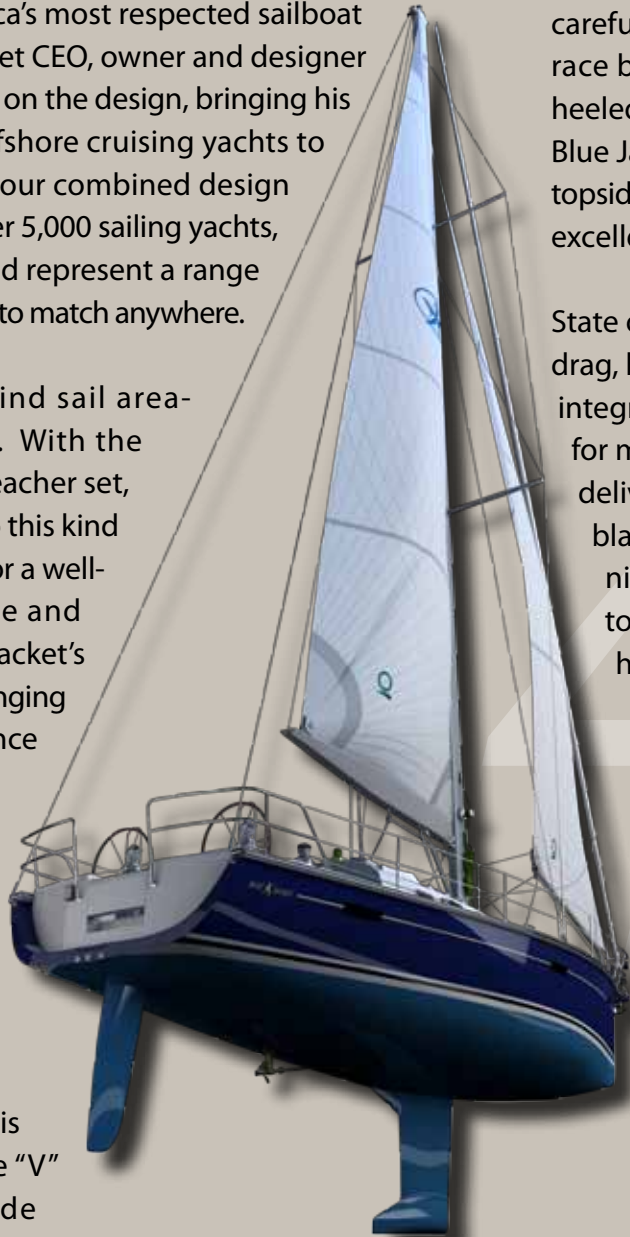
Builder Island Packet Yachts' international reputation for award winning value, innovation and customer satisfaction, paired with exceptional design talents, ensures the new Blue Jacket will continue a legacy of excellence.

# DESIGN COMMENTS

The Blue Jacket project offered me a unique opportunity to design the first of a new series of performance racer/cruisers for Island Packet Yachts, one of North America's most respected sailboat builders. Additionally, Island Packet CEO, owner and designer Bob Johnson agreed to collaborate on the design, bringing his depth of experience designing offshore cruising yachts to the overall design effort. In total, our combined design careers have seen the launch of over 5,000 sailing yachts, earned over 30 industry awards and represent a range of experience that would be difficult to match anywhere.

The Blue Jacket sports an upwind sail area-displacement ratio (SA/D) of 20. With the working jib furled and the 150% reacher set, this increases to 21.8. Not long ago this kind of horsepower was reserved only for a well-crewed race boat, but the simple and efficient sail handling of the Blue Jacket's refinement of the Solent rig are changing that, offering maximum performance with ease of use.

The hull form and appendages of the Blue Jacket are designed to work in harmony with the sailplan to provide performance that extends daily sailing range and the potential to generate more race trophies. The hull's fine entry is good for upwind sailing and the "V" shaped forward sections provide



comfortable motion in a seaway. Her aft sections are broad and flat with a good amount of overhang to provide excellent downwind speed and upwind sail carrying power. Wetted surface is also reduced, increasing light air performance. This hull shape is carefully "sculpted" for the cruising sailor to avoid the more extreme race boat "wedge" shape's tendency to become unwieldy when heeled, necessitating large crews to keep the boat in balance. The Blue Jacket hull design balances the wide aft sections with fuller topside sections forward, allowing the boat to heel evenly maintaining excellent control, tracking and seakeeping.

State of the art keel and rudder designs combine advanced low drag, high lift laminar flow foil sections. The two keel choices have integral bulbs at their base to concentrate weight as low as possible for maximum stability and sail carrying power. Finger tip steering delivers sport boat-like response from the high aspect rudder blade set on a composite carbon fiber post. The Blue Jacket's nimble handling and speed is also a result of a low displacement to length ratio (D/L) of 172, a direct result of advanced technology hull and deck laminates.

The design challenge presented was to create a yacht with a performance pedigree, one that could compete effectively in around-the-buoy and offshore races yet provide a level of comfort, build quality and ease of use that would gratify the entire family. I believe this objective has been successfully achieved in a particularly attractive yacht that's evolved from a rich history of successful designs.

A handwritten signature in blue ink, consisting of the letters 'T' and 'J' connected by a flourish.

Tim Jackett

# BLUE JACKET 40

## PRELIMINARY SPECIFICATIONS

LOA 39' 10" (12.14 m)

LWL 35' 0" (10.67 m)

BEAM 12' 4" (3.76 m)

DRAFT 7' 5" (2.29 m) deep (std)

5' 2" (1.56 m) shoal (opt)

DISP 16,500 lbs (7,484 kg) deep

BALLAST 6,100 lbs (2,767 kg) deep

SAIL AREA 883 sq ft (82.03 sq m)

MAST HEIGHT 62' 6" (19.05 m)

POWER 40 HP (30 kW)

FUEL 40 US gal (151 l)

WATER 110 US gal (417 l)

WASTE 25 US gal (80 l)

SA/D 21.8

D/L 172

DESIGNER Tim Jackett with  
Bob Johnson, NA

### BLUE JACKET YACHTS

1979 WILD ACRES ROAD \* LARGO, FL \* 33771

727-535-6431 PH \* 727-530-5806 FAX

info@bluejacketyachts.com \* www.bluejacketyachts.com

All specifications approximate and subject to change without notice.



**DEALER**

