



## GREGORY C. MARSHALL NAVAL ARCHITECT LTD.

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**Press Release**  
**Royal Passage 46**  
**Gregory C. Marshall Design #805**  
**August 22<sup>nd</sup> 2001**

Following its recent successes in serious offshore cruiser yachts, Victoria B.C. based Yacht Builder, Park Isle Marine is returning to its roots of building high quality blue water sailing vessels.

This Royal Passage 46' is the first in a new line of high performance sailing yachts ranging from 37'-65'. This vessel is the latest in a long collaboration between builder Park Isle Marine, and Naval Architect Gregory C. Marshall. The 46' is designed to be a world-class blue water yacht combining superb accommodations for 4-6, with systems and joiner-work that are unmatched in the industry. The deck layout and rig configuration have been carefully planned for convenient shorthanded sailing. The cockpit is configured such that the helmsman has superb visibility and access to all winches without climbing over guests. All seat backs and geometry have been ergonomically planned for maximum comfort on long passages. Handholds are plentiful throughout the structures and are conveniently molded in fiberglass for ease of maintenance.

The cutter rig configuration was chosen because of its popularity with blue water cruising yachtsmen. Both the main sail and the foresails are roller furlled and all shrouds and stays have been well located to make deck passage easy. Making the anchor handling under a flush deck hatch helps to further clean up the foredeck. This also helps keep anchor mud off the deck.

The hull form is moderate displacement with an appropriate balance of performance and comfort in a seaway. The afterbody is clean and powerful for downwind performance. The waterline beam is carried well forward whilst the forefoot is kept shallow for good steering characteristics down wind. The prismatic coefficient is high which reduces resistance in the higher speed ranges, and careful attention has been paid to reduce wetted surface, which helps to improve performance in light weather. The keel is encapsulated ballast bulbed fin, designed as a good balance between windward performance, draft and complexity.

As with all sailing yachts in the Royal Passage Line, the 46' shares the concept of streamlined outward appearance with many "big yacht" features and world-class accommodations. The raised saloon provides 360-degree panoramic views, whilst creating additional space for engineroom and machinery. The side windows in the deckhouse open for maximum ventilation and are built in stout frames to enhance security offshore.



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Below deck accommodations are generous and are kept light and airy with numerous hatches and deck prisms. Joiner-work is unbeatable and owners can select interior finishes of virtually any type of wood. Careful attention has been paid to sound attenuation and systems are set up for “silent” operation on batteries and inverters for extended periods.

Park Isle Marine maintains itself on the leading edge of technology. While they are in a constant search for stronger, lighter, and better materials, each choice is exhaustively researched as to its reliability prior to its implementation.

The hulls, decks and cabin structures are vacuum infused with vinylester resin and unidirectional glass fibres. When core is used in our laminates, we use ATC Corecel triple cut within our infused laminate. There are generous overlaps at all edges of material runs, with the stem and keel having double hull laminates. Being that we use vinylester resin for vacuum infusion, the risk of osmosis has been eliminated.

If you are in the market for a fast and lively blue water cruising yacht we invite you to discuss the Royal Passage Series.

### **Contact Information:**

#### **Builder:**

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#### **Designer:**

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**Principal Characteristics:**  
**Royal Passage 46**  
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**June 13<sup>th</sup>, 2001**

Length Overall	46'-0"
Length on W.L	39'-0"
Beam	14'-0"
Draft	6'-6"
Displacement (half load)	35,000 lbs
Sail Area	985 Square Feet
Fuel	500 Imperial Gallons
Water	300 Imperial Gallons
Ballast	9000 lbs