

# “Just A Little Wind Please”—Lake Shore Boat Top Company

Main Fabric: Sunbrella Fabric, Trivantage LLC  
Window: 60 Mil Polycarb, Manart-Hirsch Co. Inc.  
Window: Strataglass, Trivantage LLC

Sailboat Enclosures



## WHAT ARE THE PROJECT SPECIFICATIONS?

This enclosure project was designed by our team for a 45' Beneteau Oceanis. We fabricated a California Style Dodger with rigid polycarbonate windows and custom stainless handrails. We also created the entire 1" Stainless Dodger framework, and the new Stainless 1" framework for the Rear Bimini Top to have a proper design with the custom Stainless Arch fabricated on this boat. The customer was an engineer that came with a very large list of custom designs and mock-up CAD drawings that he wanted us to look at for our designs. Some were okay to use, and others, were not feasible. The customer wanted all the enclosure panels to work a particular way, having strict design requirements. We fabricated the entire job with 9 Strataglass enclosure window panels along with 4 solid duplicate screen panels, which are interchangeable to provide the customer with maximum ventilation. Our team was very nervous to show the client the final results as he was very particular and we didn't know if he would like the job. We thought it turned out great, but we waited for his response in anticipation. When he looked at the job, we held our breath, he gave a huge smile and said "This is why I went with your company."

## WHAT IS UNIQUE OR COMPLEX ABOUT THE PROJECT?

This project required our entire team to work together from start to finish. All of our divisions were included on this project (Metal Team, Sewing Department, Pattern/ Install Team, and our CAD Team all had a helping hand in the final project. There is never anything easy on a sailboat project with everything involved with building a full enclosure. Hearing that the customer was pleased with the final project is a reflection on our team, and their passion for designing a superior project. Our customer told us he has the best looking boat in the marina because of our craftsmanship. We do not do many sailboat projects, and this one was one of the largest projects we have ever fabricated; giving us so much to be proud of!



Disclaimer: Content is submitted by the participant. ATA is not responsible for the content descriptions of the Marine Fabrication Excellence entries.

# Island Life Island Packet Extended Living—Yachtsman’s Canvas

Main Fabric: Sunbrella Toast, Glen Raven Custom Fabrics LLC

Window: Strataglass, Herculite Products Inc.

Hardware/Findings: YKK

Secondary Fabric: KTex

Secondary Fabric: Stamskin Top, Serge Ferrari North America Inc.

Sailboat Enclosures



## WHAT ARE THE PROJECT SPECIFICATIONS?

This project consists of a full cockpit enclosure for an Island Packet 40. The client lives aboard 6+ months a year traveling up and down the east coast. The client's request was to replace the current enclosure and address several areas of concern making the extended outdoor living space more enjoyable. Large gaps were present with the initial enclosure allowing both cold air and water to enter. In addition, the aft center panel was both narrow and fabricated with a u-zip window creating a tripping hazard for both crew and dogs.

## WHAT IS UNIQUE OR COMPLEX ABOUT THE PROJECT?

The new enclosure was designed for both function and aesthetics. You will not find any gaps between panels or in corners. The aft gate was widened and fabricated with full zippers eliminating the tripping hazard and taking advantage of the full aft gate opening. Some of the finishing details you will find are non exposed zippers both on the interior and exterior lending to a very clean finished look. Removable roll up straps have been provided eliminating the unsightly view of "dangling straps." The design provides maximum comfort with finishes pleasing to the eye making it a true home away from home.

The project showcases how to effectively provide an extended living area for long term cruising making a truly comfortable space to be enjoyed in the less than favorable weather. The finishing touches, like hidden zippers, make it feel more like a living space.



# Irwin Center Cockpit Enclosure—Yacht Canvas, Inc.

Main Fabric: Sunbrella Slate, Glen Raven Custom Fabrics LLC

Secondary Fabric: Horizon Black, Glen Raven Custom Fabrics LLC

Window: Tuffak Polycarbonate by Plaskolite

Window: Regalite 0.40, O'Sullivan Films

Hardware/Findings: YKK Zippers by YKK

Sailboat Enclosures



## WHAT ARE THE PROJECT SPECIFICATIONS?

The owner of this center cockpit boat approached us with a comprehensive redesign request for his bimini, dodger, and the addition of a full enclosure. Along with this, he had some unique preferences. Specifically, he desired a solid bimini piece across the entire top but also the flexibility to use it solely as a dodger top. To meet this challenge, we devised a storage system for the aft portion of the bimini, allowing it to roll forward and securely stow on top of what would function as the aft dodger bow.

Addressing the complexities of the center cockpit enclosure, we incorporated a horizontal zipper in the aft panels to provide full access and accommodate the traveler, allowing for tacking to either side with the aft enclosure panels in place. The three forward windows, crafted from Tuffak Polycarbonate, offer durability, and the center window can swing inward to stow against the bimini top for ventilation. To ensure the longevity of the polycarbonate, we wrapped the storage straps in Evolution lining. These straps attach to the frame, allowing the panel to lie flat against the bimini without sag, preserving an unobstructed line of sight from the helm.

Opting for Slate Sunbrella fabric, the customer's project included a mainsail cover, window covers, and a shade enclosure in Soltis. With these enhancements, this center cockpit is well-prepared for a warm winter, catering to the needs of its liveaboard owner.

## WHAT IS UNIQUE OR COMPLEX ABOUT THE PROJECT?

The various components of this project came together in just the right way, we appreciate this project has a little bit of everything and enjoyed working with the Slate color.



Disclaimer: Content is submitted by the participant. ATA is not responsible for the content descriptions of the Marine Fabrication Excellence entries.

# Cascade 34—Hayden Island Canvas

Main Fabric: Sunbrella Forest Green, Glen Raven Custom Fabrics LLC

Additional Fabric: Birch Top Gun, Marlen Textiles

Window: Tuffak Marine 5 polycarbonate

Window: O'Sea Marine vinyl 40 mil, O'Sullivan Films

Solarfix Thread

Sailboat Enclosures



## WHAT ARE THE PROJECT SPECIFICATIONS?

The owner of this Cascade 34 wanted an upgrade to his boat after having removed the old hardtop he didn't care for. He wanted a functional enclosure for offshore sailing. We fabricated frames for the dodger and bimini, along with Marine 5 panels in the dodger, and O'Sea panels for the rest of the enclosure. The owner also wanted a rack on the bimini for more solar panels in the future. We also added easy access zippers in the middle port and stb panels with overlaps to enter the cockpit without having to roll up the panels that fold back and snap into place instead.

## WHAT IS UNIQUE OR COMPLEX ABOUT THE PROJECT?

This Cascade had many challenges. There needed to be winch access with full handle rotation with the enclosure in place along with a bump out for the odd shaped cockpit where the dodger was. The aft hatchway had to be avoided along with the owner's previously mounted side solar panels and the bimini frame needed to mount outside of the enclosure but have the panels come inside the frame.

