

Photo-Journal of Wildflower P40 – Deck Mounted Raised G-10 Fiberglass Pads to Mount Hardware

The Genoa Track & chain plate leaks found below deck on Wildflower (our Passport 40) caused us to add raise blocks under every fitting... something seen often at shroud to chain-plate penetrations. Keeping deck drainage away from being trapped between our cabin truck runoff and the track was our main goal. We could not trust new bedding compound to be the one-and-only long term solution. Raised blocks provide a primary way to drive water away to drainage-gates. Bedding compound provided the secondary seal. We decided to add this as a final touch “everywhere” since we were going to re-paint, re-non-skid and re-bed everything over the entire deck.



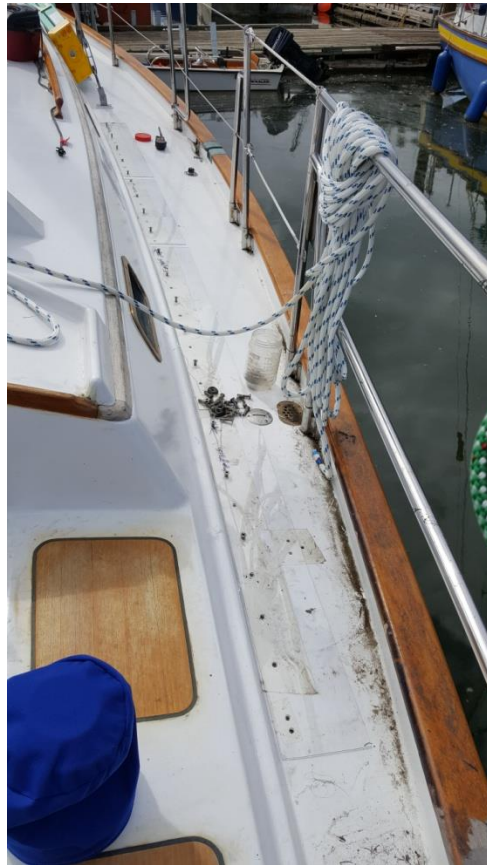
The itchy process follows like this....



Step 1: Starts with Makrolon Plastic Template Stock



Step 2: Map out and Cut to Length Where future "Gates" Will be located.



Step 3: Drilling out each mounting hole with bolts in place for positive alignment



Port side templates drilled and bolted.



Side view of Port Templates drilled and bolted showing gate locations.



Step 4: Scribe Up-side-Down Genoa track over templates to mark out pattern on the plastic sheet!



Step 5: Cutting out Makrolon with jigsaw



Step 6 Clearly "Re-label" each piece for location ID as it kept getting rubbed off!



Step 7: Layout/tape template over precut 3/8" thick x 2" wide x 40" long G-10 glass



Step 8: Drill out holes prior to shaping curved sides. Note wear a mask and PPE clothing... here is where the itchy stuff starts



A dusty and itchy process... have a vacuum handy!!!



We marked out everything to minimize waste and utilize all the G-10 panel stock we purchased... here are the Raised Cleat Feet



“Pre-Drilled” cleat feet first! Then cut out with a Progressive tooth blade (Bosch)... the ONLY blade that I found would not burn up on G-10 Fiberglass!



Tracing Running Back Stay & Jack-line Folding Pad eye blocks



More to drill out... then jigsaw



Test fit on blocks after belt sanding with HD Respirator



Other sites for anti-leak blocks... Aft rail mounts!



Storm sail / Cutter deck mount!



The ultimate tool for surface-prep of deck before mounting raised blocks was a Makita 1-1/8"-belt sander!!! Again... wear a mask and suit up!!! Thar be flying glass fibers everywhere!!! Keep thy vacuum handy.



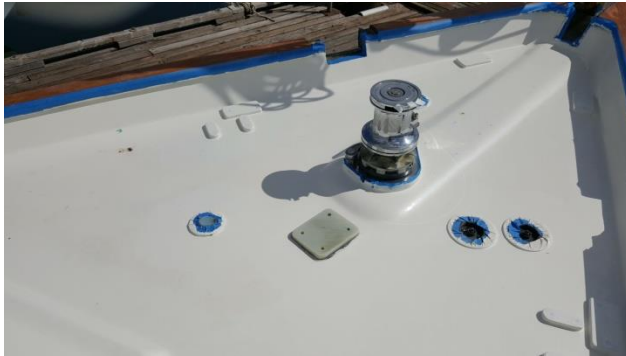
A dusty, nasty and itchy proposition... wear PPE!



Mast-Safety-Rail (Granny Bar) bases mounted. Used Structural Putty from Fiberlay. Take care to run a finger around each base to create a rounded transition to the deck . Clean up with acetone right away. This stuff is a bugger to sand after it sets up.



Aft rail bocks mounted.



Forepeak blocks mounted



Starboard Jack-line base



Port-Aft Jack-line base...



Genoa Track Base Mounted...

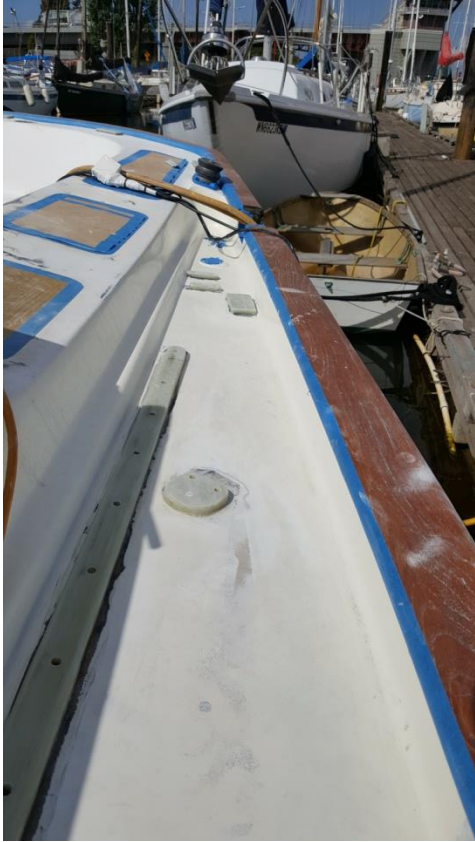


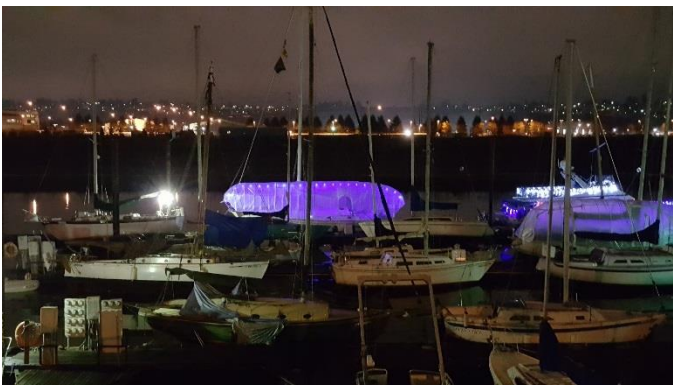
Photo of the whole enchilada before painting



Looking good after Non-Skid and painting!!!



The Home stretch... Drilling/Re-Tapping out holes to chase out captured internal threads below deck.

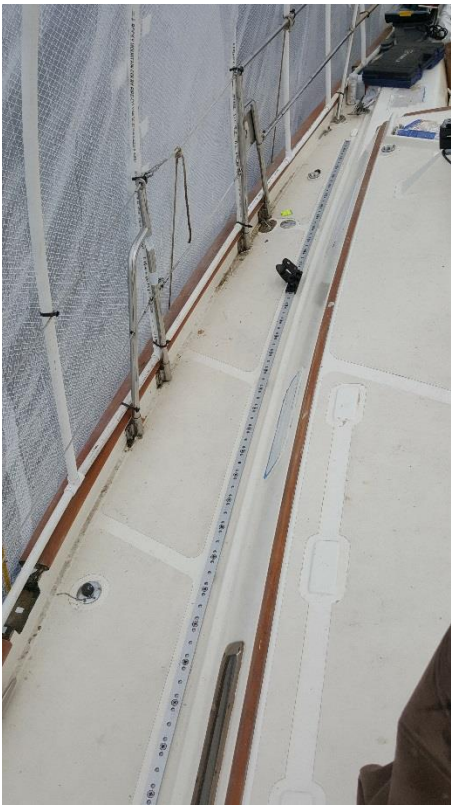


December Night work under the zepelin cover.... brrr Too cold to really bed anything so, we will keep drilling, tapping and dry-fitting backing plates. Awaiting warmer days to come for final bedding.

Finally in February we picked back up on a warmer day...



Checked every captured fastener hole to make sure it would all lock down tight. We used SikaFlex 295 UV bedding compound. Cleanup excess spouge was a real PITA.



Starboard Side Done!!!



PORT SIDE D O N E !!!!!!!