

Refit of SV Pachuca

May 2018 – Dec 2019

As seems to be inevitable with all GRP boats of the era (1983) the hull of Pachuca began to exhibit the blistering on her hull indicative of osmosis in early 2018, and in May of that year I engaged Bruce Diggins of Albatross Marine to fix the problem. That led to a major refit of the boat over a period of 18 months as we uncovered more and more items that needed correction.

Here is a partial list of what we did:

- Repaired the osmosis (the proper way, using fiberglass matting)
- Repainted the hull after laying down 5 coats of epoxy primer to ensure that osmosis will never happen again.
- New cross trees
- Removed the mast, stripped and spray painted it, and powder coated the steps
- Mast stump in cabin repainted
- Every thru-hull fitting replaced
- Cockpit drain valves replaced
- New valves introduced to drain lines at the stern
- Hull and Deck spray repainted
- Cobra steering pedestal removed and sent to a machine shop for refurbishment, including new bearings
- Toe rails removed and powder coated
- Cleaned out and re caulked the deck-hull joint
- New teak hatch garage protector
- New mast base base plate
- New lazarette access cover
- New Scanstrut instrument pod at the binnacle
- Major augmentation of bow anchor roller setup
- New cabin windows
- New skylight prism in head
- Battery layout improved, with proper restraints on every battery
- Both aluminium fuel tanks of 140 liters replaced with a single one new one of 142 litres, with fuel gauge
- Two new aluminum water tanks of 140 liters each
- Complete rewiring of the boat, including
- Removal of forward windlass battery and replaced with heavy cable from the house batteries to the windlass
- Modernized the electrical panel, including installation of RCD's
- Installation of electrolysis blocker
- New LPG gas lines and reduction valve, with certification

- New internal fresh water hose network
- Sliding engine cover refurbished
- All LED lighting throughout the boat, including new light fixtures in cabin, forecastle, and over the navigation table

Post Refit Enhancements

- New anchor Windlass (June 2019)
- New main hatch (July 2020)
- New prop shaft rope cutter (Sep 2021)

This list cannot do justice to the work that was done. A review of <http://pachucaroundtheworld.blogspot.com> for the years 2018 and 2019 will present descriptions with photographs. (You can start directly at 2018 with <http://pachucaroundtheworld.blogspot.com/2018/05/>)