

Project Description: Pilothouse Trawler

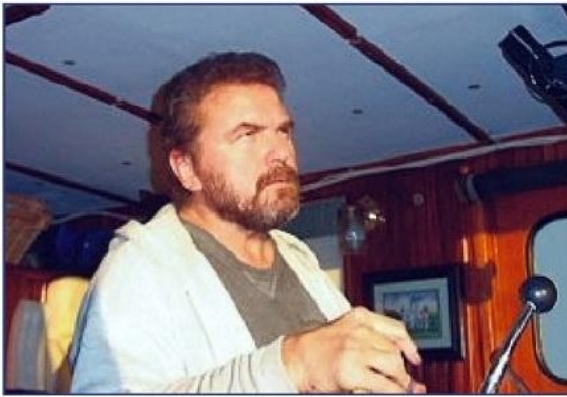


THE LANDFALL ~ 43' Pilothouse Trawler

Courtesy of



sfwong111@gmail.com



Captain Bob Perkins ~ The Landfall

Before & After Rust Bullet Application



"Where I used Rust Bullet, my rust maintenance has gone from frequent to none" -Captain Bob Perkins

The Landfall is a 26 year old, Steel Hull, 43' Pilothouse Trawler. Captain Bob Perkins took possession of the Landfall in Daytona Beach in 2004 after a series of 3 hurricanes hit the Florida Coast that season. Following a leisure trek northward, The Landfall's new mooring was approximately 1.5 miles from the Atlantic Ocean in the brackish waters of the Merrimac River in Massachusetts. In October of 2006, she was again on the move, this time to the seawaters of Hampton Harbor, New Hampshire. Through many years of use this ocean-going vessel was aggressively exposed to harsh salt and freshwater conditions that had adverse affects on the operation, maintenance costs, appearance and safety of The Landfall.

When acquired in 2004, The Landfall had a thick buildup of bottom paint as well as corrosion and electrolysis issues. Exposure to the various elements including the warm seawaters of the Atlantic allowed the accumulation of barnacles and underwater growth, as well as the appearance of rust and corrosion. It was due to the love of this vessel and the intent to preserve her beauty that fueled Captain Perkins' quest to save The Landfall. He determined it was Rust Bullet Products alone that could provide the restoration and preservation abilities required to save the Landfall. The Landfall surface

preparation began with a soda blasting and descaling of the bottom. Rust Bullet was applied to a dry film thickness of (15 dft) on the bottom and several coats on problem areas of the side of the hull and the rubrails. There was no bottom paint applied over the Rust Bullet, as the intent was to document and verify the performance capabilities of Rust Bullet Products. As of August, 2007, the Landfall has been in the water for one year after applying Rust Bullet. There is a slight accumulation of barnacles and underwater growth below the waterline at approximately the same equivalency as other vessels at the same marina. However, unlike the coatings on the other vessels, the barnacles and underwater growths have had no visible affect on the Rust Bullet Coating. Past experience was bubbling, peeling, and rust streaks every 3 - 4 months on the rails. To date, there is so sign of bubbling, peeling, or rust streaks, not only on the rails, there is no sign of returning rust or corrosion on any surface to which Rust Bullet was applied.

To quote Captain Perkins; "In all, I could not be more pleased with the performance of Rust Bullet at this juncture. At least in the areas that I can see, where I used Rust Bullet, my rust maintenance has gone from "frequent" to "none".

From the way it appears now, I expect it will be that way for years".

UPDATE JUNE 2009

The Landfall...An update on my experience with Rust Bullet

"As an aerospace engineer, I was impressed with your no-nonsense approach to ASTM Testing. The results you obtained were the deciding factor in Rust Bullet's favor." - Captain Bob Perkins

I did the haul out of the Landfall In the spring of last year, 2008. Since the application of Rust Bullet in 2006, Landfall had been alternately in the brackish waters of the Merrimac River, MA in the summer, and the 100% Atlantic seawater of Hampton Harbor, NH in the winter. The following is what I found on that haul out;

There was quite an accumulation of mussels, seaweed, barnacles, and other marine growth on the bottom. This was to be expected in these conditions, as I had not applied bottom paint over the Rust Bullet barrier coat to see if it had any anti-fouling properties of its own. Rust Bullet is an extremely hard and tough coating, but the marine life is tenacious. I have determined bottom paint will be necessary from here on in. The Rust Bullet Coating looks like the day I finished applying it in 2006.