

# INTERPHASE

## *SONAR PROFILES*

**A true customer report received at [www.interphase-tech.com](http://www.interphase-tech.com)**

**“It Has Been The Most Reliable And Useful Piece of Electronic Gear Aboard and Has Saved Us From Grounding Several Times”**

*Interphase Probe Scanning Sonar Helps World Voyager Harry Hungate Log Over 40,000 Sea Miles*

“After purchasing our Corbin 39 cutter *Cormorant* in 1997, one of the first additions was a forward-scanning sonar from Interphase Technologies,” said world voyager Harry Hungate, who together with Jane Lothrop has been living and sailing aboard the vessel ever since. “We selected the vertically scanning Probe, as it would indicate the sea floor ahead of the vessel, as well as measuring the water depth beneath the transducer. We mounted the display in the cabin bulkhead where it would be visible from the helm. We also connected our GPS to the Probe so that it would display latitude and longitude and vessel track.

We spent a few hours while still in the marina becoming familiar with the various displays and settings on the Probe, so that when we departed on the maiden voyage we would have a head start on properly operating the Probe. After trying the various displays over a period of weeks, we finally settled on the split screen display which shows depth in easily read numbers on the left and the forward-scanning beam on the right. We also narrowed the beam width and lowered the beam angle to scan only the sea floor ahead of us.

In the shallow waters of Chesapeake Bay and its tributaries, we quickly became experts in the use of the Probe, so much so that by the time that we began our southward journey through the Intercoastal Waterway, we were able to steer clear of the shallow spots all the way to New Orleans, Louisiana.

The following years included visits to the Florida Keys, Mexico, Belize, Guatemala, Bahamas, Turks and Caicos, Dominican Republic, Puerto Rico, USVI's, BVI's, etc., down to Trinidad, across to Panama, through the Canal to Ecuador, Galapagos, Marquesas, Tuomotus, Society Islands, Palmerston Atoll, Nuie, Tonga, Minerva Reef, New Zealand, Fiji, Vanuatu, New Caledonia, Lord Howe Island, Australia, Indonesia, Singapore, Malaysia, Thailand, Maldives, Oman, Eritrea, Sudan, Egypt, Jordan, Suez Canal, Israel, and we are now on the Mediterranean coast of Turkey.”

As Hungate reported in the October 2009 issue of *Ocean Voyager* magazine, “it has been the most reliable and useful piece of electronic gear aboard and has saved us from groundings several times. It never failed over 11 years.”

“Over 40,000 sea miles — a significant portion of it in poorly charted reef-strewn waters and shores with rocks and shifting shoals — provided many opportunities to scrape the bottom or worse,” added Hungate. “But the Probe functioned flawlessly. We will be depending on it to conduct us safely



Liveaboard voyagers Jane Lothrop and Harry Hungate aboard *Cormorant*

through the remainder of our circumnavigation. Every time that we see a boat piled up on a reef or when we walk through a boat yard and see a ravaged keel or hull, we say thank you, Probe.”

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