

# INTERPHASE

## SONAR PROFILES

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

### **“Our Interphase Twinscope Feels Like a Lifeline...”**

*Antarctic Expedition Vessel Spirit of Sydney Uses Forward-Looking Sonar to Safely Dodge Icebergs and Submerged Rocks*

Frigid winds blowing white, snow-flecked streaks across the ocean. Floating chunks of ice the size of buildings, mostly hidden beneath the surface. And anytime you venture close enough to shore, a jagged, uncharted seafloor just waiting to peel your hull bottom open like a tin can. This is the nautical version of that old saying “between a rock and a hard place” — but to the Antarctic expedition support yacht *Spirit of Sydney*, this is home.



Spirit of Sydney sails through treacherous ice-choked waters

This unique 60-foot aluminum vessel was specially built and equipped to take film crews, mountaineers, divers, scientists, whale watchers and other extreme adventures to the bottom of the world. Among its recent achievements was assisting in a whale-tagging mission for the BBC, helping researchers to track six humpback whales during their annual migration up the Chilean coast. Fortunately for the crew and passengers of *Spirit of Sydney*, this specialized equipment includes an Interphase Color Twinscope forward-looking sonar system, capable of scanning both vertically and horizontally in front of the vessel to detect submerged hazards before they put the vessel and its occupants in danger.



Twinscope helps adventurers experience our planet's most remote and beautiful locations

It's a piece of equipment Spirit of Sydney Expeditions partners Catherine Hew and Darel Day have come to appreciate and depend on, as reported in a recent ship's log: “Our Color Twinscope feels like a lifeline as we see the channel open in front and we zigzag between outcrops negotiating a mere six-meter-wide winding channel, to emerge in Darble Bay. But we're not out of danger yet. The kayakers are camped on Kidd Islands, awaiting our pick-up in the infamous and uncharted Darble Bay, and we must pick our way across 12 miles of open pack ice dotted with rocky pinnacles and outcrops where snow covered rock pinnacles masquerade as floating ice. Our Color Twinscope is literally a life saver as we nudge small 'bergy bits' aside and zigzag around the rocks, guided by the images on the screen.”

“As Antarctic expedition yacht operators, we can thoroughly recommend the Interphase Color Twinscope as an invaluable tool and major safety item for our activities in remote and poorly charted

regions,” said Hew. “Without a Twinscope on board, we would miss out on many opportunities to explore these wonderful places on our planet.”

*Interphase Technology Corp • (831) 477-4944 • [www.interphase-tech.com](http://www.interphase-tech.com)*