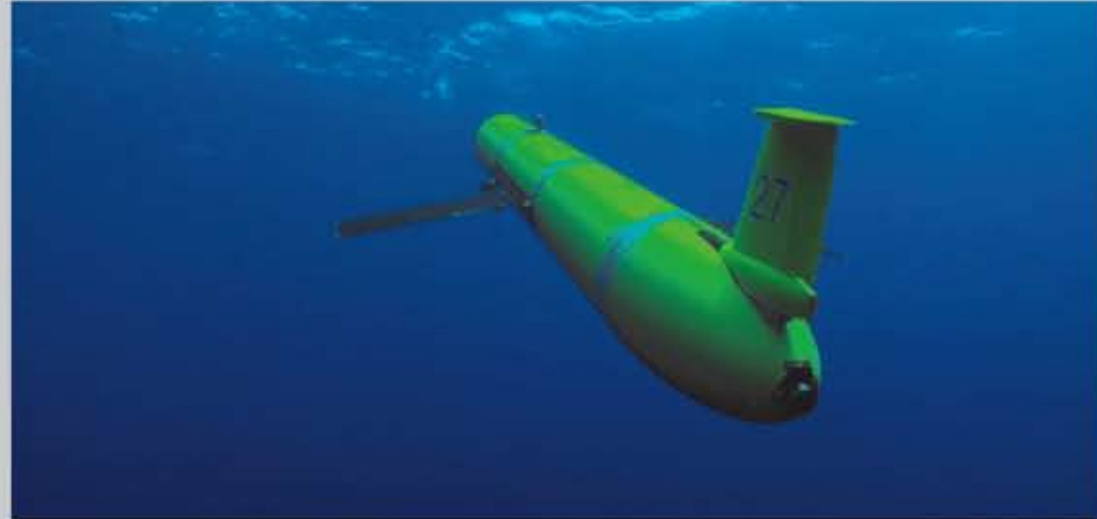


Over the last ten years, Severn Marine Technologies, LLC, and its corporate partner, Mid-Mountain Materials, Inc. have developed ClearSignal Biofouling Protection, a passive, non-toxic polymer coating whose surface properties act as a biofouling inhibitor and foul release coating. Unlike anti-fouling systems which rely on active biocides and whose effectiveness degrades with time, ClearSignal Biofouling Protection remains 100% effective for the intended life of the instrument.



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# ClearSignal<sup>®</sup>

## Biofouling Protection for Marine Instruments



SEVERN MARINE  
TECHNOLOGIES, LLC

# ClearSignal®

## Biofouling Protection for Marine Instruments

- Offers long term effectiveness— with no diminishing of antifouling performance over time
- Complete protection of acoustic transducers from damage due to biofouling
- Formulated for cameras, lighting and optical instruments
- Cleaning is complete, thereby breaking the fouling cycle
- Significant reduction in labor hours for cleaning
- Robust coating is able to withstand offshore use
- Product life can be greater than 10 years
- Non-toxic and safe for the environment



**ClearSignal Biofouling Protection eliminates one of the most troublesome problems plaguing the deployment of marine instruments: the accumulation of biofouling organisms which adversely impact instrument performance, mission duration and maintenance requirements.**

**Below:** PREVCO specialized instrument housing coated with ClearSignal Biofouling Protection.



**Right:** The Rutgers University Scarlet Knight Glider with ClearSignal Biofouling Protection, on display at the Smithsonian Museum Ocean Hall. The Scarlet Knight Glider was the first Glider to successfully complete a trans-Atlantic crossing. ClearSignal was a key and critical technology enabler for the successful crossing.



**Top:** Horizontal ADCP that has been biofouled.

**Center:** Horizontal ADCP that has been coated with ClearSignal Biofouling Protection.

**INNOVATIVE**

**EFFECTIVE**

**PROVEN**

ClearSignal Biofouling Protection is proven to virtually eliminate downtime caused by biofouling, and increase the performance and intended life of your instruments and equipment.

## USER COMMUNITY

- U.S. Navy
- NOAA
- USACE
- Acoustic Instrument Users and Manufacturers
- Offshore Seismic Industry
- Ocean Observing
- Offshore Oil and Gas Industry