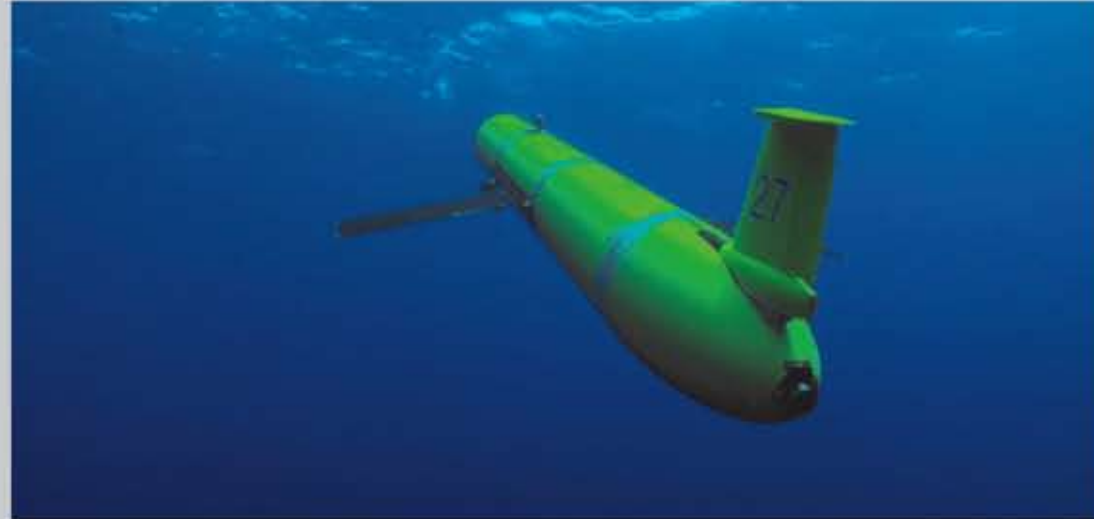


Over the last ten years, Severn Marine Technologies, LLC, and its corporate partner, Mid-Mountain Materials, Inc. have developed ClearSignal Biofouling Protection, a passive, non-toxic polymer coating whose surface properties act as a biofouling inhibitor and foul release coating. Unlike anti-fouling 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[®]

Biofouling Protection for Marine Instruments

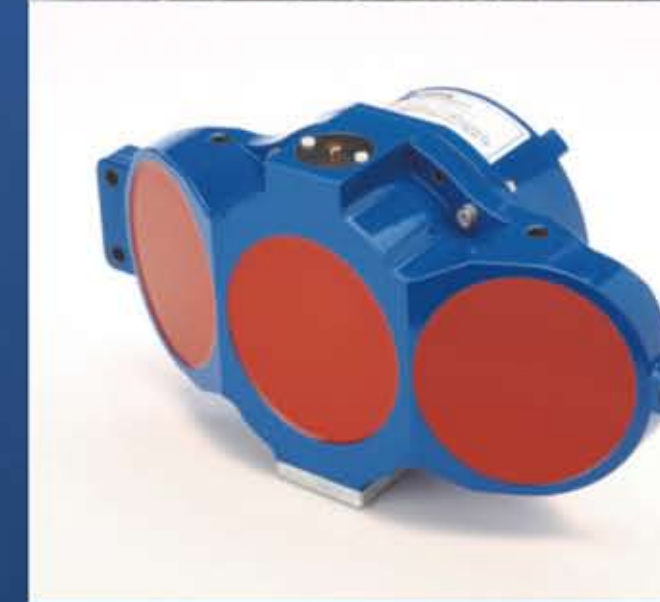


SEVERN MARINE
TECHNOLOGIES, LLC

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