

Giovanniello, Integrator
Marine & Industrial Systems
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Giovanniello
Integrator

*Fast, reliable service; quality products;
sound designs.*

OEM STABILIZER CONTROL SYSTEM FOR SHIPYARDS & BOATBUILDERS

SEABEEZE OEM

is available for vessels under construction or refit, where new hydraulic and mechanical components will be installed.

PRODUCT DESCRIPTION

SEABREEZE OEM STABILIZER CONTROL SYSTEM provides a full electronics package to be added to new construction or major overhaul / refurbishment where the shipyard provides the fins, hull penetrations and hydraulic power components of the system. We provide controls, sensors, and an electrical interface to the vessel's hydraulic power source driving the bilge fin stabilizer system.

SEABREEZE Software is the heart of the **OEM STABILIZER CONTROL SYSTEM** package.

Specifically developed to provide functional enhancements, **SEABREEZE Software** improves stabilizer control program integrity, includes new operator displays, improved screen navigation, and adds Captain's features.

The **Programmable Controller** is an Allen Bradley Micrologix® PLC coupled to a PanelView® waterproof keypad / touch screen display . These modules have stood the test of time in literally hundreds of thousands of industrial and military applications, possessing Lloyds Register, ABS and Bureau Veritas certifications.

Gyro options include a Solid State Roll Sensing Gyro with no moving parts, or an economical Brushless Mechanical Gyro.

Fin Position Sensors are mounted to Builder supplied brackets mounted over the top of the fin shafts, or on a control arm attached to the fin shaft. Various options are available depending on internal hull configuration and actuator type/mounting.

Robust **DC/DC Power Supplies** and noise filters compliment the installation. The Micrologix 1000, PanelView operator terminal and Networking components require an isolated 24 Volt DC source. We specify and use Newmar® power supplies.

With your **SEABREEZE OEM CONTROL SYSTEM** comes over thirty five years hands-on marine electronic systems experience headed by Captain Mark Giovanniello with an extensive portfolio serving commercial, military and recreational vessel owners.

Visit our website for more information

WWW.GIOVANNIELLO.COM

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OEM STABILIZER CONTROL SYSTEM COMPONENTS

Customize your **SEABREEZE STABILIZER CONTROL SYSTEM** by choosing from the options listed below.

Don't hesitate to call Captain Mark at 203-710-9739 to discuss your vessel's specific Hydraulic, Cabling, Bridge, and Internal Networking requirements.

PRODUCT PRICING (EFFECTIVE JANUARY 2011)

Single Station Electronic Control System Package: \$ 5,500.

- Allen Bradley Micrologix 1000 with non-volatile memory
- 6 ft. Data cable
- PanelView 300 NEMA 4X monochrome operator screen keypad (color / touch add \$450)
- System pre-loaded with SEABREEZE software
- NEMA 4X fiberglass enclosure
- power supply (specify ship's mains voltage)
- 2 year warranty.

Additional Networked Control Station (each): \$ 2,300.

Feedback Sensor Kit: \$ 550.

SEABREEZE Software (program only) loaded onto OEM systems with existing Allen Bradley Micrologix 1000 and PanelView 300 controller. \$ 1,995.

Solid State GYRO: \$ 4,300.

Brushless Mechanical GYRO: \$ 1,600

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