



Product Release

FOR IMMEDIATE RELEASE
February 22, 2011

MOOG ANNOUNCES UNDERSEA INTEGRATED CONTROL INTERFACE AND NAVIGATION SYSTEM

Blacksburg, VA, USA – Moog Components Group, a division of Moog Inc., has announced the introduction of a new navigation and control system for underwater vehicles including Remotely Operated Vehicles (ROVs) and Autonomous Underwater Vehicles (AUVs). The MUSICIANS™ system provides an innovative and unmatched solution for vehicle operators. The **Moog UnderSea Integrated Control Interface And Navigation System (MUSICIANS)** can be quickly and efficiently implemented on the vehicle while eliminating integration problems.

A key advantage of MUSICIANS is its accurate, robust and independent navigation system built on an inertial core engine. Using available sensor data on the vehicle for aiding measurements, MUSICIANS delivers a fully integrated navigation and attitude solution for the vehicle. It is a complete control solution providing thrust vector control, autopilot interfaces and direct actuator control for waypoint navigation, position and attitude control.

Integration is solved by the MUSICIANS graphical user interface (GUI) that lets the user setup the system by identifying all the navigation sensors on the vehicle. MUSICIANS then configures to the best navigation solution for the given sensor mix. When a sensor is changed, the user simply updates the system setup and MUSICIANS is re-compiled for the new sensor mix. Navigation is forwarded to the vehicle control system by signals sent from the MUSICIANS control modules to the vehicle motor controllers and actuation is achieved.

Six MUSICIANS products are available to support various requirements from work class survey vehicles to inspection class vehicles.

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About Moog

Moog Inc. is a worldwide designer, manufacturer, and integrator of precision control components and systems. Moog's high performance systems control military and commercial aircraft, satellites and space vehicles, launch vehicles, missiles, automated industrial machinery, wind energy, marine and medical equipment.

Moog Components Group, a division of Moog Inc., provides motion and fiber optic products for marine, industrial, aerospace and defense applications, including slip rings, fiber optic rotary joints, fluid rotary unions, fiber optic multiplexers, motors, actuators and integrated rotary solutions.

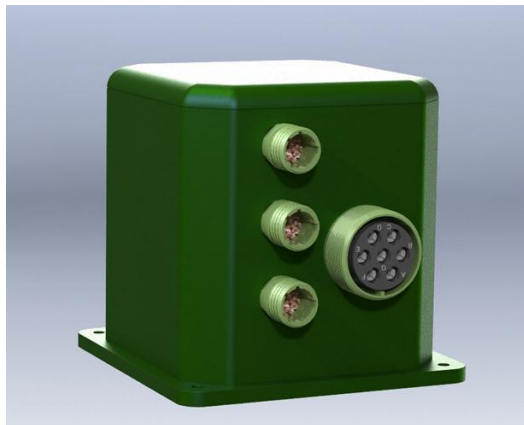
Additional information about the product can be found at www.moog.com/marine

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Caption: MUSICIANS™ OEM Version