

NAIAD® INTRODUCES NEW FAMILY OF ELECTRIC-POWERED FIN STABILIZATION SYSTEMS

SHELTON, Connecticut, Nov. 18, 2014 – Naiad Dynamics, an international manufacturer of ship motion control technologies, today announced the introduction of the first products in a new line of electric-powered stabilizer systems designed specifically for use on ships operating both AtSpeed® and AtRest®.

“These new stabilizers are a modern refinement of electric-powered stabilizers Naiad first developed for naval applications in 2008,” said John Venables, CEO of Naiad Dynamics. “We are now introducing these systems to the recreational and commercial marine markets alongside our complete range of proven hydraulic stabilizers to provide a choice for designers and builders who may prefer not to use hydraulics.”

The initial model E-525 is available with a 7.5 or 11 kW AC servo motor drive, and is designed for fin sizes ranging from 1.0 to over 3.5 square meters for vessels typically 35 to 50 meters in length. The company will roll out additional electric-powered systems through 2015 and 2016.

Naiad’s electric stabilizer eliminates the entire hydraulic system, reducing the number of installed components and the system’s overall complexity and weight, as well as eliminating installation costs associated with interconnecting fluid lines, all with no sacrifice in power and performance. Naiad’s electric servo motor-actuator design generates the same amount of force as two hydraulic cylinders used in an equivalent hydraulic stabilizer model.

Like all Naiad fin stabilizers, these new products are built with the highest-quality materials and workmanship. Major components are machined in-house to U.S. military standards in Naiad’s ISO 9001:2008 certified factory. Naiad systems have an unmatched reputation for durability in the tough marine environment, providing long product life with very low maintenance and total costs of ownership.

The systems’ well-proven heavy-duty tapered roller bearing assemblies are greased for life and sealed at the factory for easy installation, low maintenance and trouble-free operation.

A key safety feature of Naiad’s electric fin stabilizer design is the ability to center the fins manually and lock in place when the stabilizer is not being operated. Other key features include Naiad’s exclusive DATUM™ closed loop digital control system with adaptive self-tuning capability operating on a CANbus distributed network.



About Naiad Dynamics

Headquartered in Shelton, Connecticut, USA, Naiad Dynamics is the world's leading manufacturer by volume of ship stabilization systems and the foremost innovator of Active Ride Control Systems for all advanced hull forms. With operations in Connecticut, Maryland, Florida, Washington, United Kingdom and the Netherlands, the business offers a wealth of expertise, research and development, advanced technologies and worldwide service to a range of industries including aerospace, military, commercial and luxury yacht shipbuilding. For more information, visit www.naiad.com.

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