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Biggest of the Biggest

48-Inch Thruster Added to WESMAR's Commercial Line

WESMAR has added a stainless steel 48-inch, 4-blade NiBrAl prop counter rotating Bow Thruster system to its commercial line. This brings the number of large vessel systems to four. The 48-inch system joins the 34.5-inch, 24-inch and 20-inch systems. The horsepower rating on these systems ranges from 75 to 499. A new brochure is available from WESMAR or can be downloaded from the website: www.wesmar.com.

WESMAR's commercial line sets a high standard in the industry by bringing more power, less noise and less vibration than competitive units. The use of counter rotating dual propellers splits the power between two gear sets thus yielding very high propeller efficiency. The aft propeller recovers the swirl

energy left behind by the forward propeller creating greater power and more thrust.

With more thrust, smaller tunnel diameters are possible, reducing drag, and saving fuel.

WESMAR thrusters are notable for this design, which creates up to 40% more thrust than single prop thrusters with the same input power. The stainless steel construction adds to the durability and reliability of the WESMAR systems.

WESMAR pioneered the use of the all stainless steel design and has developed equipment that meets DP1 and DP2 design requirements.



WESMAR's newest and largest addition to the thruster family, the 48-in Commercial Thruster.

Western Marine Electronics
14120 NE 200th St. Box 7201
Woodinville, WA 98072 USA



2 Recent WESMAR Product Installations

WESMAR Bow Thruster at Work On New USS Arizona Memorial Ferry

Only a rugged, reliable bow thruster can handle 64 departures and dockings a day. So when Modutech Marine, Inc., Tacoma, Washington, received the contract from the U.S. Navy to build five new 78-foot excursion vessels to carry visitors to and from the historic USS Arizona Memorial at Pearl Harbor they specified WESMAR's robust hydraulic V2-12 Bow Thrusters.

"The specifications called for equipment that would allow the sailors to pull the boat up alongside the memorial and the visitor center even when fighting a side wind," said Brian Swindahl, CEO of Modutech Marine. "We chose WESMAR systems, because we knew they could do the job. We also chose WESMAR hydraulics, because the Navy contract called for hydraulics to run the bilge pump and the fire hose off the

system as well as the bow thruster."

"The bow thruster has reduced the amount of time to moor the boat to the piers. It saves us an average of 3 minutes per trip," says Warrant Officer Tim Gordon, officer in charge of the detachment.

At 16 round trips per day, 362 days a year, WESMAR estimates a time savings of approximately 30 days annually! Considering the cost of fuel, personnel, and the increased revenues, that is very significant and well over the cost of the



78' JOHN W. FINN ARIZONA Memorial Ferry

bow thruster equipment in just one year, according to WESMAR.

For complete report see www.wesmar.com/creport.html, titled: USS Arizona Memorial Ferries.

The WESMAR Hydraulic System powers bow and stern thrusters plus five more instruments!



42' WESMAC Q2

WESMAC CUSTOM BOATS of Surry, Maine, is a custom boat builder. Founded in 1984, the company has a reputation for its innovative, light-weight, high-tech hull designs. They recently delivered the MOTOR YACHT Q2, a beautiful 42-foot cruiser with a WESMAR hydraulic system that operates not only the WESMAR bow and stern thrusters but also five additional onboard electro/hydraulic systems.

"This system is unbelievable," reported Steve Wessel, owner of WESMAC. "WESMAR set up a hydraulic system to operate their bow thruster and stern thruster, as well as power an anchor windlass, cockpit wash down, forepeak and anchor wash down, transom capstan winch and a trap hauler/anchor hauler... all from one hydraulics system," said Wessel. "The hydraulics are controlled by electric panels. Finger tip operation makes it outstanding. This is a must see system! It is the latest and greatest in high tech design."

For complete report see www.wesmar.com/creports.html, titled 42' WESMAC Q2.

A Beautiful Yacht Built for an Entertainer and for Entertaining

The MY MARY ALICE II, 130-foot Westport yacht built nine years ago for entertainer Johnny Carson and commissioned the MY SERENGETI, has had a name change and an upgrade. Her new name is MY MARY ALICE II and among her new equipment is a WESMAR stern thruster. Her home port

has moved from the West Coast to the East Coast, where she remains a stately head turner.

The boat is gorgeous and features generous accommodations for 10 guests in five cabins. Launched initially in 2002 she already had a WESMAR dual prop, counter rotating bow thruster, ensuring safe and easy docking. The new WESMAR stern thruster was installed to make her easy to handle in any slip. The work was done by Marine Solutions of Naples, Florida, and they were very impressed with the WESMAR.

For complete report see www.wesmar.com/creports.html, titled 130' Westport Mary Alice II.



130' WESTPORT MARY ALICE II

WESMAR Introduces Advanced New Roll Fin Stabilizer System with Sophisticated Digital Signal Processor

WESMAR has introduced a new high-speed, digitally controlled stabilizer system, that uses a high performance, powerful and efficient digital signal processor and proprietary programming to combine multiple system capabilities. The new system extends boating comfort beyond that thought possible.

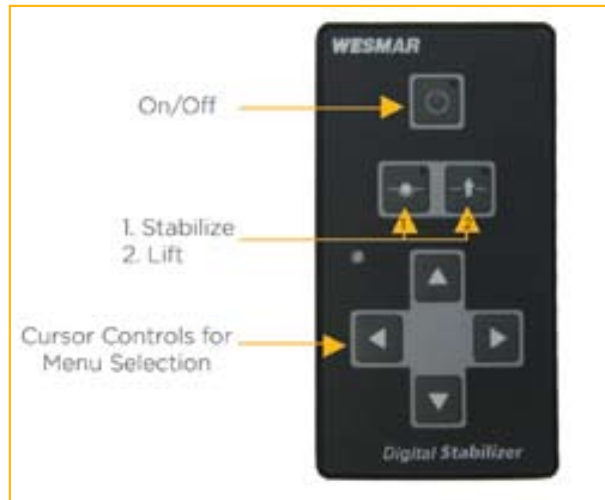
"This system changes the dynamics of roll fin stabilization by using leading-edge software, superior digital processing and a proprietary gyro to predict behavior," says WESMAR's Mechanical Division President, Cary Jones. "The integration of measurement and predictive data significantly advances roll fin stabilization technology," says Jones.

Called the Model DSP 4800, the new digital stabilizer, with three axes, provides increased stabilization of vessels in turns and following seas. The new technology adds heave and lift sensing (popular for fuel efficiency on high-speed boats).

The DSP 4800 enhances the value of WESMAR's legendary lightning fast gyro with control electronics and display that provide a real time presentation of the fin position and the actual roll rate of the vessel. Also built in is the ability to monitor the hydraulic system for high temperature and low oil level conditions.

For high speed vessels the optional lift function will position the fins to lift the hull and lower drag. The GPS interface will permit display of the overall improvement in speed. The GPS interface will also provide slow speed and reverse fin lock, eliminating the requirement for additional electronics or mechanical connections, simplifying installation. Add to this, seamless fin alignment abilities, improved stabilization by expanding gyro sampling, display pressure rate, and expanded control pad features.

A small controller replaces the control box and runs dual monitors and



New Model DSP 4800 adds accelerometer, for expanded yaw, roll and heave control

two control pads, giving remote and full navigator capabilities both in the wheelhouse and from the fly bridge. The new system interfaces with existing VGA monitors, or can be connected to its own dedicated VGA display. Easy access is given to customer adjustable settings for each vessel's roll characteristics via the touchpad controls. This is done through a code incorporated in the software and is a valuable feature that minimizes operator adjustments. A digital link to the driver board makes the DSP 4800 immune to RF interference, often a nuisance with marine electronics.

Existing WESMAR stabilizers can be upgraded to the new DSP 4800 system by using existing cables and connectors. WESMAR also offers an upgrade package including cables for electronic retrofits of other stabilizer brands.

Stabilizers are probably the fastest growing after-market equipment in the marine industry today and are becoming standard on many of today's new boats. WESMAR designs and manufactures a complete line of powerful, commercial grade stabilizers for pleasure and workboats from 30 to 200 feet, single and dual cylinder systems that are used on vessels around the world.

WESMAR products save boaters fuel, improve operating costs and add to passenger and crew comfort and safety.

Upcoming Boat Shows

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Oct. 3-11 2009

Genoa International Boat Show
Genoa, Italy

Oct. 29-Nov. 2

Ft. Lauderdale Intl. Boat Show
Bahia Mar Tent 400, Booth 425
Ft. Lauderdale, FL

Nov. 17-19

METS 2009
Marine Equipment Trade Show
RAI Intl. Exhibition And Trade Center
Amsterdam, The Netherlands

Nov. 19-21

Pacific Marine Expo
Qwest Field Event Center
Seattle, WA

Jan. 29-Feb. 6, 2010

Seattle Boat Show
Qwest Event Center and So. Lake Union
Seattle, WA

Feb. 11-15

Miami International Boat Show
Miami Beach Convention Center
Miami, FL

Cannes Boat and Yacht Show Sept. 9-14/2009



WESMAR Dealer Arie de Boom Services attended the September Cannes Boat and Yacht Show and displayed WESMAR Products. Our dealer and other industry professionals said they were satisfied and reassured by the quality of the contacts they established (57,000 visitors) and the sales made during the show, suggesting that a low point has been passed.

4 August Training Class Celebrated at Graduation Dinner



Gathered around the pool, between the games and barbecue salmon dinner at the home of Bruce and Cheryl Blakey, are Row 1: left to right: Joe LaFauci (Cable Marine, Florida); Jessica Zou (WESMAR); Aubrey Clark (WESMAR); Anna Barrientos (WESMAR). Row 2: Kenja Tilman (Admiralty Maritime Services, WA); Bob Leatherman (D.S. Hull, FL); Frank Monachello (Marine Pro of Central Florida, FL); Bob Sentz (WESMAR); Bruce Blakey (WESMAR); Mrs. Sheila Barton; Bruce Jones (Admiralty Maritime Services, WA); Mike Dearborn (Yachting Solutions, ME); Row 3: Gordon Robb (F.K.G. Marine Rigging & Fabricating, Netherlands); Dick Wright (Sea Marine, WA); Bob McMurray (Sea Marine, WA); Dave Gillen Jr. (Gillen Diesel, FL); Mike Langrud (WESMAR); Carlo Voli (WESMAR); Ronald Barton (Brazilian Dealer, Brazil); Clark Jacobs (Jacobs Boat Works, WA); Marc Eiler (Marine Pro of Central Florida, FL); Jason Smith (WESMAR).
Not pictured : Tanner Coker (Admiralty Maritime Services, WA)

Sheila Barton (Brazil) takes grand prize in the Free Willie Competition, as husband Ron looks on.



Joe LaFauci and Dave Gillen Jr. perfecting installation of stabilizer fins.

WESMAR dealers from the U.S. East Coast to the Netherlands and from the U.S. West Coast to Brazil attended the annual August training seminar/workshop at company headquarters just outside of Seattle, WA, in mid August. After two days filled with sales and hands-on training on WESMAR products, it was time to relax and celebrate their graduation.

The Mechanical Division WESMAR WAVE is published quarterly by WESMAR and distributed by email and US mail to the WESMAR dealers throughout the world. If you would like to have this sent in email format please contact us at (425) 481-2296 or email: cmckean@wesmar.com.

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WESMAR now accepts American Express Credit Cards.



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