



**ADVANCED
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The Rotator

Fall, 2012

"The Rotator", Fall, 2012

Can you believe it? Fall is already here and so is your new edition of *The Rotator*. Enjoy it while you can, our winter issue won't hit your inbox until Friday, December 21st.

Engineering Humor: You May be an Engineer... if while on a cruise, you're enjoying a tour of the engine room rather than the scenery on the pool deck.



What AME's Up To...

AME made an appearance at the 22nd Annual Monaco Yacht Show and had plenty of time to get down to business, Carlos Vidueira, Executive Director, [Marine Industries Association of South Florida \(MIASF\)](#) hosted a landmark event on behalf of the group. The event, a luncheon held at the prestigious Yacht Club de Monaco, was a summit of key international industry influencers from important organizations such as: [SYBASS](#), [ISS](#), [MYBA](#), [LYBRA](#), [PYA](#), [ICOMIA](#), and [HISWA](#).



The discussion focused on the efforts to increase professionalism throughout the South Florida marine industry and how that will be translated to the significant improvements planned for the 2012 Fort Lauderdale International Boat Show (FLIBS).

Speaking of FLIBS - stay tuned for...



Dockwalk's FLIBS kickoff party - Friday, October 19th - what will we do this time?
Windrock Demo Premier & Levalign Expert Service Debut - only at AME's booth 678A inside the USSA Village within the Yacht Builders & Designers Tent.

Industrial News

Recently, AME was commissioned by Harry Pepper to perform laser alignment on 4 Caterpillar Diesel Engines to Philadelphia gear at their Merritt Pump Station in Naples, Florida.

"We had AME align our engines because we've used them on previous projects with excellent results," said David Whitten, Project Superintendent, Harry Pepper. "We will continue using them for pump stations and water treatment plants. These services increase efficiency by saving time over regular mill right procedures and the third party aspect carries considerable weight with inspectors and owners."



The pumps have a capacity of 100,000 gallons per minute - proper alignment will help the pumps run more efficiently and reduce the likelihood of unexpected downtime - a smart decision for any maintenance program.

Marine News

When M/Y *Mystique*, a 50m yacht, had trouble with its bearings overheating, they called on AME to investigate. After conducting a Vibration Analysis, misalignment was discovered along with aged mounts. Additionally, the Kamewa Jet Units were not functioning within recommended tolerances.



"Once I found out that AME had a history with *Mystique* and its previous owner, it was a no brainer to get them involved to do this specialized work," said Steven Pridgeon, Captain, M/Y *Mystique*. "AME has a reputation of being one of the top specialists in vibration, noise and alignment and I will continue to use their services due to the prompt, professional engineers, and staff. They care about their clients and will do whatever it takes to deliver impeccable service."

AME is now installing all new mounts and aligning the propulsion equipment to correct the vessel's issues.

Final Thought: Advanced Mechanical Enterprises/AME is proud to now offer Flatness and Straightness measurements for ship building using the state-of-the-art Levalign[®] Expert spinning laser system. Flatness and straightness measurements taken with the Levalign[®] Expert are fast, repeatable, and highly credible. These measurements are perfect for laser hull deflection targeting and z-drive mounting flanges. Come visit us at booth 678A at FLIBS to learn more - mention "Good Vibrations" and receive a 5% discount on Levalign[®] Expert services.

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