

## The Rotator

Fall, 2014

### ■ Engineering Humor

*“One man’s ‘magic’ is another man’s engineering.”*  
- Robert A. Heinlein



### ■ In This Issue

[What’s AME Up To](#)  
[Out & About](#)  
[Marine News](#)  
[Industrial News](#)  
[Final Thought](#)

### ■ Out & About



AME loves [Flagship Management](#), and utilizes them for all their recruitment needs. Flagship Management’s Ever Popular South Florida Maritime Night was held Thursday, September 4<sup>th</sup> at Southport Raw Bar. AME was there as a sponsor - where you there, too? Share your pics on our [facebook page](#).



### ■ What’s AME Up To

How much do you know about Vibration Analysis? On **9/25** AME President, Rich Merhige will be presenting a 90 ABBRA Logominute webinar - “Increasing Efficiency & Decreasing Your Costs With Vibration Analysis” for the American Boat Builders & Repairers Association/ABBRA and the American Boat & Yacht Council/ABYC. [Register Here!](#)



You can catch Merhige at the [Yacht Symposium](#) - where he’ll be a lead panel speaker on **10/10** presenting “Engineering Advances & The Challenges Ahead.”

[Maritime Professional Training/MPT](#) is following suite, and has invited Merhige to present to their senior crew students and alumni on **10/16**.

Want to know more about AME’s laser alignment? Check out the latest article about AME - “[Laser Alignment - Keeping your Machinery in Line to Maximize Your Bottom Line](#)” in the August edition of *Maritime Reporter*.

Yea, condition monitoring is great, but, it’s even better when you’re using a company that’s a Recognized External Specialist by the [American Bureau of Shipping/ABS](#). AME just renewed their certification last month, and is the only ABS recognized condition monitoring vendor in Florida!



**Vibration, Noise & Alignment Specialists**

All Running Gear Services

## ■ Final Thought

Tired of replacing the same bearings at every yard period?

Now you have a

choice with



**Wartsila's  
Envirosafe**

composite bearing material. AME is Florida's authorized distributor and can custom machine the bearings to optimize your machinery's performance. The composite filament wound fiber is proven to outlast the competition, which will save you time, and, most importantly, money! I am extremely happy with the new Wartsila shaft bearings



AME provided for S/Y Tamsen," said Captain John Zamir. "Since April, we have traveled more than

10,500 miles, visiting over 75 ports and she is running as quiet as ever." Want to upgrade your gear with the best shaft seals? AME is an authorized Florida distributor for **Wartsila seals and bearings**.

**Advanced Mechanical Enterprises & Advanced Maintenance Engineering**

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## Wondering where AME will be next?

Our season is already packed!

- **US Superyacht Association/USSA Networker**, Tuesday, October 7 held at Wartsila North America (Sponsors are WNA, MPT, ISS GMT & AME)
- **The Triton Expo**, Wednesday, October 8 at Lauderdale Marine Center
- **Yacht Symposium & Job Fair**, Thursday & Friday, October 9-10 at the Fort Lauderdale Convention Center
- **55th Annual Fort Lauderdale International Boat Show/ FLIBS**, October 30 - November 3, Yachting Tent, Booth 782A
- **Fort Yachtie Da Film Festival**, November 15 at Cinema Paradiso, Fort Lauderdale
- **International Workboat Show & Annual Conference/IWBS**, December 3-5 at Morial Convention Center, New Orleans, Booth 2564

## ■ Marine News

AME just returned from Sardinia, where they had been commissioned by a long term client, a 157' Christensen, LADY JOY. AME was tasked with completing emergency repairs to the vessel's coupling, and servicing of their Wartsila shaft seals. Upon arriving in Italy, it was discovered that the vessel required bellows to complete the service of the shaft seals.



"AME was able to Lady Joy Yacht source the required parts and complete the services necessary to meet our scheduled charter within a very short time," said Captain Rafe Palladino. "Without their assistance, we would have suffered a delay, resulting in a financial penalty for LADY JOY. I've used AME over the years, and they have consistently provided me with stellar service."

Once the repairs were reviewed by the local ABS surveyor, all went well for a very successful (and timely) charter.

## ■ Industrial News

AME recently wrapped up a baseline vibration analysis for one of the Miami skyline's tallest buildings. The initial survey was done on 38 pieces of equipment, including chillers, water pumps, and fans - all crucial to the day-to-day operations of the high rise. The analysis of data provided valuable insight into what machinery needs maintenance, and set the layout for how the bi-annual surveys will be conducted, once corrective maintenance services are completed. The internationally known commercial property management company that commissioned AME for the survey will be implementing similar programs at their other locations as a result of this successful outcome.

