

The Rotator

Summer, 2015

Engineering Humor

A physicist, engineer and a statistician are out hunting. Suddenly, a deer appears 50 yards away. The physicist does some basic ballistic calculations, assuming a vacuum, lifts his rifle to a specific angle, and shoots. The bullet lands 5 yards short. The engineer adds a fudge factor for air resistance, lifts his rifle slightly higher, and shoots. The bullet lands 5 yards long. The statistician yells "We got him!" - Courtesy of Daus Studenberg, Ludeca



In This Issue

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

Out & About

On April 25th, AME Sailor Blue spun to raise money for Kids in Distress/ KIDS, and the Children's Diagnostic & Treatment Center, for the fifth year in a row at the Marine Industry Cares Foundation/MICF's 7th Annual Spin-A-Thon.



The event, held at Esplanade Park, raised over \$100,000 for the charities it supports.



In June, the AME team attended the MIA SF Annual Meeting as guests of MPT/Maritime Professional Training. The company, owned by the Morley family, was the recipient of the Golden Anchor Award that evening.

Later that month, AME sponsored, and attended the US Superyacht Association's/USSA sunset cocktail party at the San Diego International Boat Show.

What's AME Up To

AME's been making a statement at several high profile marine industry events. In April, AME President, Rich Merhige was asked to present at Workboat Magazine's inaugural **Maintenance and Repair Show** (sister show to the International Workboat Show), in New Orleans. He spoke on condition monitoring to a standing room-only crowd, and later attended the show. Later, on May 1st, he also presented at the **Florida Yacht Broker Association/FYBA's** first annual **Yacht Engineering Seminar**, where AME was a presenting sponsor.



All work and no play? Not a chance. AME sponsored the June 4th **Triton** networker along with **Yachty Rentals**, where they hosted a **Cinco de Mayo Do-Over Block Party**, complete with a live DJ and the local favorite, **Nacho Bizness** Food Truck. On April 11th and 12th, for the 8th year in a row, AME mentored a high school team in the **Marine Industries Association of South Florida/MIA SF's** 19th



Annual **Plywood Regatta**. Over the course of the two day event, AME President, Rich Merhige worked with the team to build a boat using limited supplies. The event concluded with a race, with the AME team coming in 2nd place. Office Administrator, Christine Battles, served as emcee of the event.



There's no sign that AME will be slowing down. Next on their plate: Habitat for Humanity, and the premiere of the newly completed construction of AME's 2nd machine shop, and newly constructed office in Contractor Shed 4/CS4 at **Lauderdale Marine Center**.

Final Thought

Change leads to growth, and AME is definitely growing! AME is proud to welcome their newest hires:

Renee Hogan, King's Point Alum, has joined AME as a Mechanical Engineer, and brings valuable experience from her time spent in the US Coast Guard as an Auxiliary Division Officer.

The newest Senior Lead Technician to join our team, is Tony Jensen, a millwright of 30 years. Tony is highly skilled in laser, as well as balancing, and is a level 3 vibration analyst. He recently relocated from Indiana, to make Fort Lauderdale his home.

Also joining the staff is new Office Manager/ Bookkeeper Assistant, Michelle Ujueta, who has over 14 years of experience, and Lead Welder/Fabricator Loy Whaley, who brings 11 years of experience as a certified welder in the marine and aerospace industries to AME.

AME's most recent addition was welcomed by Marketing Manager,



Teresa Drugatz, along with husband Jason on Monday, July 6, at 11:31 pm. Alexandra Eve was born happy and healthy at 8.6 lbs/20.5". Teresa will be returning to AME in early September.

Headquarters:

217 SW 28th Street,
Ft. Lauderdale, FL 33315

Second Machine Shop: Lauderdale Marine Center Contractor Shed #4 (East Yard) & Building 2015, Suite #210 (West Yard)

info@amesolutions.com

Marine News

AME recently performed a shaft alignment of a new construction Fishing Vessel. This vessel has a unique Schottel propulsion system with a 395 mm propeller shaft driving a controllable pitch 3,810 mm propeller with a highly efficient Kort Nozzle. The alignment required close tolerances of the propeller to Kort Nozzle clearance. This was accomplished using the Pruftechnik Centralign Ultra laser system together with a special long range laser capable of measuring distances over 100 meters and a special spring loaded centering target for the large nozzle bore. When complete, the propeller shaft was installed and the propeller



Industrial News

Bet you didn't know waterfalls needed to be aligned too. Believe it or not, even cosmetic features, such as a waterfall, require alignments like those done on water pumps at municipal pumping stations. Boomers/Boca has a beautiful water feature, and called AME for their expertise. The property installed a new motor, which then required an alignment. An AME technician attended to take alignment readings between the pump and motor, and then complete the alignment, providing a report of the findings, and final condition.



Looking to Get Ahead?

AME is looking for a **Mechanic, Field Service Technician,** and **Mechanical Engineer** Send your resume to Info@AMESolutions.com. Please no phone calls or walk-ins.



+



=



AMESOLUTIONS.COM

Vibration, Noise & Alignment Specialists

All Running Gear Services