

Project Updates

To say this year has been interesting would be an understatement. We're currently heavily engaged in a couple of 'fast track' projects. They are as follows:

Oceanering: We're about 80% complete in the engineering and design for the conversion of an OSV (Subchapter L) vessel into a diving support vessel. This project has not only involved the integration of extensive diving support equipment to support deep and shallow water diving activities, but also an ROV as well. We've also been involved with a number of vessel upgrades that, when complete, will make this vessel one of the best diving support vessels in the world.

Investment Firm: We've just finished a due diligence site and multiple vessel survey for an investment group that's looking into providing financial backing to a service group in southern Louisiana. ACMA not only surveyed construction facilities for capacity, facility layout, throughput and loading/off-loading facilities, but also safety programs. We also inspected various offshore barges to determine their market value based on service type and age. To complete the work, a survey of competing service providers was conducted to better gauge each company's strengths and how they rank in the market.

Superior Energy: ACMA continues to support Superior Energy on several projects. We've provided some additional engineering for the liftboats that we completed rework on last year and we're providing concept level work for a support barge destined for Alaska. We're also working hard to continue to build the strong relationship we've developed between our two companies.

On-Going: We continue to provide a wide range of services to the industry that include structural hydrodynamic analysis, material specifications, stability and stability tests, development of vessel safety plans, general onsite inspections and support.

OTC 2011 Update

The fact that the oil and gas boom has been getting louder over the past several months was underscored at the 2011 Offshore Technology Conference (OTC) held from May 2nd through May 5th in Houston, Texas, with attendance growing to an impressive 78,150 participants. That's an 8% increase over last year's attendance and makes this year's conference the 2nd best attended show since OTC 1981 - a record set back in "the 'good ole' days".

According to ACMA's VP Darrel Harvey, who serves as SNAME's OTC Program Subcommittee Chairperson, "We knew this was

going to be an outstanding year when the first day of OTC logged in approximately 59,000 attendees."

Darrel went on to note that, "Walking the trade show you really got the feeling that deals were being made and the thrust of the industry was moving forward. It was a great feeling to experience and be a part of."

This year, Darrel and ACMA's Donald Burris put together and chaired SNAME technical sessions on Welding and Computational



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From the Top

CFD Delivers Excellent ROI

When ACMA purchased a license to STAR-CCM+ from CD-Adapco over two years ago, we made a long-term investment in Computational Fluid Dynamics (CFD) with the anticipation that this technology would play a major role in the future of advanced hydrodynamic analysis. This investment required a significant capital expenditure for hardware and software, as well as a considerable amount of personnel time to get up to speed on using this sophisticated tool.

Our investment is beginning to pay off as evidenced by several recent projects that utilize this tool. These projects include analyzing the maneuverability of a deep draft tanker in a relatively shallow and narrow channel, determining the drag forces on various shapes such as wind turbine blades and hull forms, and simulating free decay to determine heave and roll damping.

Today, the use of CFD in real world applications in the marine and offshore environments is rapidly moving ahead and I'm happy to report that ACMA is now well positioned to be a leading provider of this exceptional technology.



Scott C. McClure, President



Continued: OTC 2011 Update

Fluid Dynamics, respectively. "Both sessions were standing room only," said Darrel. "That made both of us very happy with our accomplishment."

Finally, Darrel noted that while he's thankful to SNAME for the opportunity to represent them at OTC, he's even more appreciative that ACMA's President Scott McClure supports his SNAME activities at OTC that allow him and ACMA to serve the offshore industry.

Tommy Hazen: ACMA's Summer Intern

How did University of Michigan's Tommy Hazen land a summer intern position with ACMA? Unlike so many of his contemporaries who sent a resume and waited for the phone to ring, Tommy actually took the "old fashioned" proactive approach. He picked up the phone and made a follow-up call.

And, even though it's still early in the summer, his extra effort has already paid off. Tommy's had the opportunity to work on a trim and stability booklet, help compile an equipment list and, more importantly, have hands-on experience in the field with visits to shipyards in Morgan City, LA and Houston, TX.

John Petersen: A Complement to ACMA's Core Capabilities

Over the years, ACMA has made great efforts to establish strategic business relationships that allow us to increase manpower for jobs, as well as provide supporting services that, while not part of ACMA's "core", may be services that operators and owners need.

Of course, finding the right person hasn't always been easy. That is, until we met John Petersen.

John crossed our bow 3 years ago when he was associated with Intelligent Engineering as their Business Development Manager – Americas, and he had a number of impressive credentials. For starters, he has a Bachelor of Science in Chemistry from the University of Central Florida. In addition to his excellent communication skills in English, he's also fluent in Danish and Norwegian and proficient in German.

Add to that John's love for the marine environment, his more than 28 years of experience in marine coatings and the fact that he's had experience in more than 50

shipyards in 25 countries and you'll understand why we knew we'd found a perfect fit.

"Along with taking an instant liking to him, I quickly realized what a valuable resource he would be to our organization," notes Darrel. "John has been, and again is, an independent coating specialist providing independent inspections, condition surveys, new installation and repair compliance for owners and/or installers. With his assistance, ACMA clients can be assured they'll receive the best products possible."

"I recognized that working with and for ACMA is a win-win situation for both of us," says John. "It allows me to broaden my customer base while, at the same time, I can provide my clients and contacts with the opportunity to interact with the very talented team at ACMA."



John Petersen

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Founded in 1975, Alan C. McClure Associates, Inc. (ACMA) is one of the industry's premier naval architecture and engineering firms. Headquartered in Houston, Texas, we've provided advanced design and engineering services to our international clientele in offshore exploration, production and marine transportation for more than 35 years.

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