



McNotes

Vol 11 No. 1
July 2012

Naval Architects & Engineers

Project Updates

Oceaneering: Following the 2012 Offshore Technology Conference (OTC), Oceaneering held an Open House aboard the OCEAN PATRIOT at Brady Island in Houston. The ACMA team enjoyed a great lunch with old colleagues and left with the knowledge that the owner was very happy with the vessel, especially since she'll be working on charter in the Gulf of Mexico.



Oceaneering's OCEAN PATRIOT

On-Going: ACMA's CFD analysis expertise continues to keep our team busy. We've recently finished the calculation for stinger damping coefficients as affected vessel heading changes. We've also finished a rotating propeller and bottom/rudder interactions and the problems associated with 'bad flow'.

New projects include engineering for a vessel that will be converted from a PSV (Platform Supply Vessel) to a well-testing vessel, all under the watchful eye of ABS.

Three Gorges Dam, China

ACMA VP Darrel Harvey and his wife Linda traveled to China earlier this year and had an opportunity to experience some of the wonders of that country – from ancient temples to the terracotta warriors; from the Great Wall of China to the Forbidden City.

But nothing impressed Darrel more than the Three Gorge Dam, the world's largest hydropower project that created a reservoir with a length that exceeds 600 kilometers. This historic project raised the river 500 feet upstream, displaced some 1.4 million people and flooded 13 cities, 140 towns and 1,350 villages.

"The fact that they built this massive dam is impressive enough," said Darrel. "But in the process, they also had to move cities, towns and communities to higher ground. In order to do that, they needed to build roads and bridges to accommodate the community movement and, ultimately, support the construction of the dam. The sacrifices that were made by these people to better control the devastation that has been caused by Yangtze River

and plagued the country for hundreds of years is echoed in the saying that we kept hearing throughout our trip – 'less of me, more of we'."

Ah, the spirit of teamwork.



Alan C.
McClure Associates, Inc.

Naval Architects • Engineers
A Registered Texas Engineering Firm

From the Top

"...Strange days indeed, most peculiar mama..."



John Lennon's song still rings true for the oil and gas industry. Of course, all of us who work in the industry know it's a constant roller coaster ride. Sometimes chicken, sometimes feathers.

During the last couple of months, ACMA has been fortunate enough to pick up some very interesting and challenging work that should keep us busy over the next several months.

Over the past 17 years that I've been at the helm of ACMA, I've seen several business cycles. Lately, it's been a little harder to predict which way we're headed. But, with the success of OTC this year, it appears the industry is now poised for what should be a good year.

Scott C. McClure, *President*

McNotes is published by
Alan C. McClure Associates

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.

Alan C. McClure Associates, Inc.

Naval Architects • Engineers
A Registered Texas Engineering Firm

2929 Briarpark, Suite 220
Houston, Texas 77042
Phone: (713) 789-1840
Fax: (713) 789-1347

www.acma-inc.com

OTC 2012 Update

Attendance at the 2012 Offshore Technology Conference hit a 30-year high with more than 89,400 making this year's event the third-highest showing in the history of the OTC. The sold-out exhibition was also the largest in event history at 641,350 square feet with more than 2,500 companies, representing 46 countries, exhibiting.



According to ACMA's VP Darrel Harvey, who serves as SNAME's OTC Program Subcommittee Chairperson, "OTC always offers an excellent venue to learn about the leading-edge technologies that are



ACMA President Scott McClure and his wife Carol attend SNAME's OTC reception. Scott is the newly elected Regional Chair of SNAME.

advancing our industry. This year was no exception, with ACMA's Donald Burris chairing a session on "Design Issues and Trends for Offshore Service Vessels".

Strategic Partner Profile

Netsco - Northeast Technical Services Company

As noted in the December 2011 issue of McNotes, ACMA works with several strategic partners to help augment our capabilities in both technical and manpower capacities. Over the past several years, ACMA's relationship with Netsco has been productive for both sides.



Netsco was founded in 1984 as Northeast Technical Supply Company and initially operated as a broker for specialty marine equipment. When marine engineering services, re-powerings and equipment design services were added in 1986, the company became Northeast Technical Services Company which later evolved into Netsco. In 1991, Netsco moved into its current office and shop space in Cleveland, Ohio. In 2009, an expansion office was opened in Tampa, Florida.

"I've known the core staff at Netsco for more than 15 years and what makes this relationship work so well is that we both share a common business philosophy of providing cost-effective and high-quality services," says ACMA VP Darrel Harvey.

According to Netsco President Richard Mueller, "Netsco is one of the largest naval architecture and marine engineering firms in the Great Lakes region and we provide full services to our clients in the Tampa area as well. Since ACMA doesn't compete directly with us in these areas, our companies are comfortable working together in other regions so we can increase coverage for both companies."

If you would like to learn more about Netsco, please visit their website at www.netsco.us.