

## Project Updates

**Helix Producer 1:** We're still involved with the HELIX PRODUCER I, the US Gulf of Mexico's first dynamic-positioned floating production/offloading vessel (FPV), although in a more diminished capacity as the project is winding down. This project gave the ACMA team a great opportunity to utilize a wide variety of our skills, years of knowledge and capabilities as engineers.

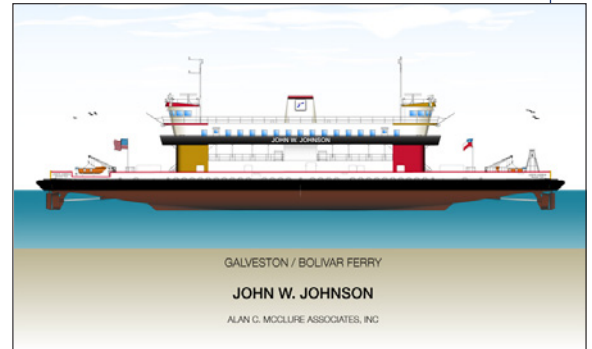
**TxDOT's Galveston-Port Bolivar Ferry:** The Galveston ferry project is continuing its forward progress with the alignment of the propulsion system, electrical equipment integration and termination, and equipment start-up as we work our way toward sea trials and final owner acceptance.

**Port Aransas Ferries:** ACMA is currently providing the detailed design for two Port Aransas ferries that are under construction at Southwest Shipyard on Brady Island. Our recent experience on the Galveston-Port Bolivar project has provided ACMA "lessons learned" that will be put to use on the Port Aransas project.

**Petroleum Geo-Services:** We are finishing up on the redesign of accommodations for a geophysical vessel that will increase her crew capacity and habitability.

**Superior Energy:** ACMA recently landed a project by Superior Energy to design a stinger for a pipelaying barge. The challenges on this design include the range of pipe diameters that the owner wants to accommodate, as well as the water depths. Our reputation for thinking outside of the box has led us to a number of concepts that will ultimately allow the barge to handle this wide operational scope.

**Etc:** We've been blessed with a variety of small projects that have allowed us to tap a broad range of our capabilities from expert witness to stability issues to machinery and related structural foundations. And, in order to better provide an even greater range of services to our clients, we've developed relationships with a lofting and nesting company, as well as a couple of electrical consultants.



*A digital illustration of TxDOT ferry, JOHN W. JOHNSON*

## The Shape of Things to Come

ACMA VP Darrel Harvey, who has been working with the Offshore Technology Conference (OTC) program committee for the last 5 years, reports that the OTC 2010 program has been finalized.

According to Darrel, the 2010 program had its roots in the OTC's inclusion of renewable energy topics in 2009 and will feature renewable

energy experts who are scheduled to address both the breakfast crowd as well as those attending the general session.



*Continued on page 2*



Alan C.  
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## From the Top

Applying the very best tools technology has to offer has always been a trademark of ACMA.

In 2009, we continued to invest in building our inventory of sophisticated analytical tools because advances in technology are allowing us to gain a better understanding of and provide better solutions to the challenges our clients face on a number of structural and motion issues.

However, with our industry's ever-increasing reliance on advanced technology, there's also an ever-increasing need for us to improve our ability to communicate in a clearer, more concise manner.

That's why ACMA made another significant investment in 2009. We embarked on a mission to train our staff in technical report writing with the goal of developing consistency and clarity when our team communicates research and analysis findings to clients and senior management.

By improving how we communicate both internally and externally, we'll be able to enhance our collaboration, expedite the exchange of information and, ultimately, better serve our roster of international clientele.



Scott C. McClure, President



## The Shape of Things to Come...Continued

There will also be a technical session on ocean thermal energy conversion. In addition to these topics, four sessions are planned that will focus on hydrates, a renewable energy that has been of interest to a number of smaller countries that have very limited energy sources of their own. And, just as the OTC has embraced the renewable energy

industry, ACMA has been applying its expanded analysis tools and hands-on experience to a number of on-going renewable energy projects. Through the use of hydrodynamic and CFD software, the ACMA team has been able to better identify loads and then apply what they've learned in the marine world over the last 35 years.

## Jeff Reifsnnyder: Sounds Like A Good Fit

If you'd like to have a very upbeat conversation with one of ACMA's newest and youngest naval architects about launching his career in the industry, don't do it first thing in the morning.

"I'm not exactly a morning person," says Jeff Reifsnnyder...an observation that's wholeheartedly confirmed by several of his colleagues.

However, it's hard to believe that Jeff starts any day on a sour note. When he's not at the ACMA office working on stability and structural projects, he's in perfect harmony as a member of the Houston Tidelanders Chorus, a barbershop-style "a cappella" men's singing organization that has been entertaining the Greater Houston community for more than 60 years.

As you might imagine, a great bass voice got him into the Tidelanders. Getting into naval architecture was a different story.

Unlike many of his teammates at ACMA, Jeff didn't have an affinity for sailing as he grew up in Pennsylvania. What he did have was an interest in boats – big boats – and, more importantly, a mother who began researching colleges when he was in the seventh grade.

Webb Institute on Long Island, New York, kept coming up as a first-class institution. Although very small, Webb has a laser-focus on naval

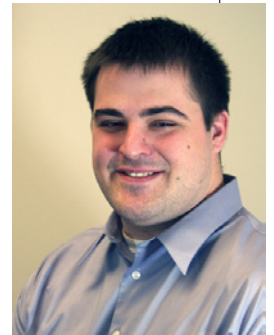
architecture and marine engineering, and a reputation for placing 100% of its graduates.

Jeff attended Webb from 2004-2008, with 24 students in his graduating class. When he heard

about the outstanding intern program at ACMA from a fellow student, Jeff applied for and secured an internship during January and February of his senior year. Before he headed back north to complete his education, Scott McClure offered Jeff an opportunity to join the ACMA team when he graduated.

Today, Jeff works on a wide variety of projects at ACMA that allow him the opportunity to apply a broad range of disciplines. And, even though Jeff is just starting his career, it appears the management at ACMA has a lot of confidence in Jeff's capabilities.

According to VP Darrel Harvey, "Jeff has quickly adapted to the ACMA culture and has embraced our commitment to technological leadership. I'm sure we'll be singing his praises as he continues to make contributions to our organization and our industry."



Jeff Reifsnnyder

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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 35 years.



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