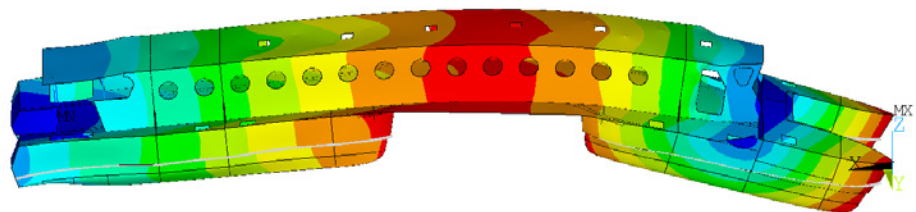
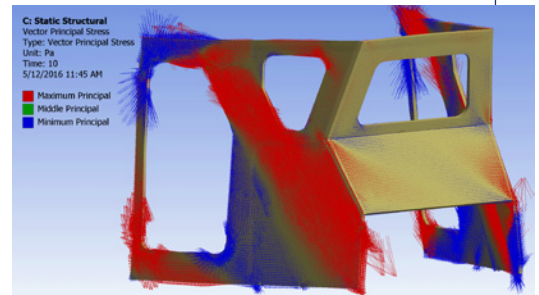




### Current Projects

**Hurricane Mooring Analysis** – With the 2016 hurricane season upon us, ACMA has been providing mooring analysis and recommendations for rigs currently stacked in the Gulf of Mexico. More and more owner/operators are concerned about how their assets might be impacted by a high wind and water surge event, and now is the time to be thinking about their security. After all, “an ounce of prevention is worth a pound of cure.”

**Gold Coast Yachts** – ACMA has just finished a structural analysis on a “composite structure” ferry that is being completed in the Virgin Islands. The project included seakeeping analysis to determine hull location accelerations and that input was transferred into their FEA analysis to determine stress locations and their respective magnitudes. The ferry will be used to transport the locals and tourists in the region in a safe, efficient manner. The vessel has been built and reviewed by the United States Coast Guard and will meet all structural, mechanical and safety requirements.



**Houston Pilots Association** – Darrel Harvey undertook a second trip in April with the Houston Pilots Association (HPA) representatives to the German shipyard that is building their two new pilot vessels. The week was spent in meetings to put in place the last owner-required details for these vessels. Material cutting and fabrication has begun and, at this writing, the delivery of both vessels is expected to be in early 2017. This was a great opportunity to augment the HPA operational prowess with ACMA’s technical and construction management capabilities. Truly a win-win for both!

**Safe Marine Transport** – ACMA has obtained the “Approval in Principal” (AIP) from the American Bureau of Shipping (ABS) for a novel concept introduced by the group headed up by Art Schroeder and Jim Chitwood, known as Safe Marine Transport. This concept will allow operators to launch, land and release a load of chemicals safely to and from the seafloor. The AIP provides the “road map” for the subsequent detailed engineering that will be required by Class for this concept to be built and put into service.



## From the Top

I'm sure everyone agrees this "downturn" has hung on long enough. And, like most companies in our industry, ACMA has had to make some adjustments to assure our long-term viability.

Over the past few months, we've applied the lessons we learned during the late 1980's and early 1990's. We've completed a critical review of our resources and overhead expenses, as well as a re-evaluation of our business methods. Now, with our new battle plan in place, we're well positioned to continue providing our clients the exceptional engineering and design services that have been an ACMA tradition for more than 40 years. I'm also convinced there's no place in the industry today where you can get more "bang for the buck" than here at Alan C. McClure Associates.

The good news...oil and gas prices are on the rise, so everyone's future should be looking a little brighter. After all, the light at the end of the tunnel doesn't need to be "muzzle flash"!

Scott C. McClure, President



## OTC 2016 Update

ACMA VP Darrel Harvey has finished his responsibilities for the OTC 2016 Technical Program and will be moving on to the "Active Arena" activity. Attendance for the show was just north of 68,000 people from about 100 countries and, despite the current downturn, is still ranked in the top 10% of past OTCs.

When asked about how the downturn has impacted the technical program, Darrel said that "in addition to a higher-than-normal drop in technical papers, it was more difficult getting commitments from panel participants and speakers, presumably due to corporate cutbacks." He also added that the safeguards put into place by the Technical Program Committee aided in offsetting these possible "holes" in the program.

Darrel went on to note, "The success of the technical program was due to the efforts of the 13 representing

societies on the Program Committee, and the general framework and management provided by the SPE/OTC staff which resulted in the seamless coordination between the technical programs and show.

The OTC 2017 Technical Program Chair will be Charles Knobloch, who has provided support of the program as Chair of the Society of Exploration Geologist (SEG - <http://seg.org/>) and the Vice Chair will be Dave Barton of the American Society of Civil Engineers (ASCE - <http://www.asce.org/>). According to Darrel, "OTC 2017 is in very competent hands and I have complete faith that the 2017 Technical Program will be a strong part of the conference."



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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 four decades.

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