

Contact: Darrel Harvey, Vice President
Alan C. McClure Associates, Inc.
(713) 789-1840

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Alan C. McClure Associates Applying Advanced Offshore Engineering Experience to Emerging Renewable Energy Technologies

HOUSTON, Texas – July 29, 2009: Alan C. McClure Associates (ACMA), one of the industry's premier naval architecture and engineering firms, announced today that the company has been successfully pursuing renewable energy projects that include wave, wind and current-based energy generation systems.

According to ACMA Vice President Darrel Harvey, "There is a growing trend to identify and develop marine-based renewable energy sources, and a great deal of the impetus is coming from land-based industries with little prior exposure to the challenges associated with working in a marine environment. If these industries will build on this foundation of experience that the offshore industry has gained over the past 50 years, they'll have a much better chance of succeeding."

Harvey went on to note that since a great deal of the knowledge pioneered in the offshore industry is directly applicable to a number of areas in the concept development of offshore renewable energy projects, ACMA's extensive experience has allowed the company to quickly adapt and apply its analytical design, project management and construction oversight expertise.

"It's simply a transfer of technology," says Harvey. "Many of the disciplines that we now use in analyzing wind, wave and current-based loads on fixed structures, such as jack-up rigs and offshore pilings with our Computational Fluid Dynamics (CFD) software, can be applied to structures that support various renewable energy systems. We also understand that deepwater and shallow water analyses have their own unique set of challenges. So whether we're working with a small buoy, a mooring system, a large FPSO or a floating current-based energy generator, we'll still be applying our three decades of experience and bringing our leading-edge technologies and software to the table to assure a successful outcome."

About Alan C. McClure Associates, Inc.

Headquartered in Houston, Texas, Alan C. McClure Associates, Inc. (www.acma-inc.com) is one of the industry's premier naval architecture and engineering firms, and has been providing a wide variety of design and engineering services to an international clientele for more than 30 years. Projects include drilling rigs, floating production systems and support craft for the offshore petroleum industry. Our array of services also includes project management, legal/arbitration consulting, surveying and negotiations. The ACMA staff and services represent the engineering disciplines necessary to successfully complete projects in naval architecture, marine engineering, electrical engineering, mechanical engineering and engineering mechanics.



Alan C.
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