

**JOINT DINNER MEETING  
SNAME SD-5 PANEL AND  
INTERNATIONAL HYDROFOIL SOCIETY**

**Thursday, 28 September 2017  
Army Navy Country Club, Arlington, VA**

**5:30 to 6:30 Cash Bar - 6:30 to 7:30 Dinner - 7:30 to 8:30 Program**

**Salad, Marinated chicken paillard with saffron cous cous and broccolini  
Deep dish apple pie, Coffee & tea**

**Price: \$40 by 4 p.m. Thursday 21 Sept.  
\$45 after that, incl. walk-ins**

**Make reservations with:**

Allen Ford at [allenford@verizon.net](mailto:allenford@verizon.net) or Mark Bebar at [mark.bebar@csra.com](mailto:mark.bebar@csra.com)

or, Reserve & pay online at <http://foils.org/meetings.htm>

**Please honor reservations. No-shows may be asked to cover costs incurred.**

**SWATH Crew Transfer  
Vessel Design and Operations**

**J. William McFann  
President, Island Engineering, Inc.**



The offshore wind power industry is expanding at a remarkable rate, and operators are achieving large reductions in operational costs. A key factor is the ability to place technicians and repair parts onto an offshore turbine in adverse sea conditions. In just the past two years, the SWATH CTV (crew transfer vessel) has proven to be one of the most effective crew transfer vessels in operation. Superior passenger comfort, dependable speed, and the ability to conduct transfers in much higher seas than the catamarans and monohulls have resulted in a flurry of orders.

The presentation will include actual operational experience to date as well as some of the results of the extensive model tank testing to compare different CTV types, including SES. Several new designs for larger SWATH offshore support vessels will also be introduced.

Bill McFann established Island Engineering in 1999 for the development and testing of advanced marine vehicle designs and dynamic motion and flight control systems. He previously held positions as Design Engineer, Engineering Manager, and Director of Special Projects at Maritime Dynamics, Inc. (MDI). Over the years he has also managed key elements of the design, development and testing of the USN SES-200, FRG SES-700, Cirrus 120P, Cirrus 200, Ulstein UT-904, Oceanfast UT-928, SEMO PMS-02, Royal Schelde RS-23, Royal Swedish Navy *Smyge*, Royal Norwegian Navy MCMV and MTB SES, the ONR FSF-1 *Sea Fighter*, Egyptian Navy 63m 40-knot Fast Missile Craft, and the 26m WaveCraft SES CTV of Umoe Mandal.

Bill received a BSME from Purdue University in 1985 and is a member of the American Society of Naval Engineers, SNAME (and Panel SD-5), and the International Hydrofoil Society.