

SNAME

Chesapeake Section

The Society of Naval Architects and Marine Engineers



The September SNAME Chesapeake Section Technical Dinner Presentation meeting will be Wednesday, September 14 2011 at the Army Navy Country Club in Arlington, VA. Our guest speaker is Dr. Theodore Mordfin. The presentation topic will be on the *Development of a Two-Ship Test Program Featuring DP Control*.

Please make reservations or cancellations by **COB Monday, September 12**, on the [Section's Events Meetings page](#) (when available) or by email to snamecsmeetings@gmail.com. When making a reservation please indicate your meal preference, membership status and whether or not you are a foreign national.

ABSTRACT: DEVELOPMENT OF A TWO-SHIP TEST PROGRAM FEATURING DP CONTROL

In preparation for the Vehicle Transfer At-sea TEST (VTAST), the Navy sponsored a series of basin tests involving scale models of a Watson class LMSR and the Dockwise heavy lift ship M/S Transshelf, each outfitted with a dynamic positioning system. This presentation discusses the preparation, setup, and execution of these tests which involved special considerations, as these were the first two-ship dynamic positioning tests ever conducted in a test basin. All test goals were met by both the basin tests and the subsequent VTAST program.

SPEAKER BIOS:

MR. JOHN KLOETZLI Mr. John Kloetzli (M) has 37 years of experience as a naval architect supporting numerous ship design programs for the US Navy and USCG. For the last eight years he has worked as a Senior Consulting Engineer at the CSC Advanced Marine Center providing technical leadership for PEO Ships acquisition programs and Sealift Research and Development efforts. His work includes conducting wide-ranging research of COTS practices in order to formulate cost-effective Navy design solutions. This has led to developing at-sea demonstration concepts, writing test plans, coordinating support contractors, conducting model tests and at-sea trials, analyzing data, and integrating results into acquisition program specifications. In 2007 he managed a unique two-ship Dynamic Positioning model test program. Mr. Kloetzli is currently supporting NAVSEA as the Principal Naval Architect for the Mobile Landing Platform (MLP) acquisition program.

DR. THEODORE MORDFIN Dr. Theodore Mordfin (M) has three decades of professional experience in the automotive, aerospace, marine, and offshore industries. In recent years, he has directed the development and application of advanced multi-disciplinary tests, simulations, and training systems to support deployment of next-generation at-sea cargo transfer systems. Since 2009, Dr. Mordfin serves as the Deputy Director of the Submarine and Ship Technologies Directorate at the Advanced Marine Center of CSC in Washington, DC.

MR. ARTHUR RAUSCH Mr. Art Rausch is employed at the Naval Surface Warfare Center Carderock Division and is currently assigned to the Program Executive Office, Ships Strategic and Theater Sealift Program (PMS385) as the acting Principal Assistant Program Manager for Research and Development, Small Business Innovative Research, and Future Platforms. He has over 36 years experience in R&D of Seabasing and Joint Logistics Over-the-Shore systems including management of the Mobile Landing Platform Vehicle Transfer At-Sea Test and the shipboard crane Pendulation Control System.

AGENDA

1730 – 1800, Check in; cash bar
1800 , Dinner and presentation

LOCATION

Army Navy Country Club
Williamsburg Room
1700 Army Navy Drive
Arlington, VA 22202

DINNER SELECTION:

Dinner choice: Parmesan Chicken or Vegetarian

*served with house salad, saffron rice pilaf, fresh vegetables, bread rolls, coffee, hot tea, and water *

	At Door	Paypal
ASNE/SNAME Members Above 35 Yrs	\$33	\$30
ASNE/SNAME Members 35 Yrs and Below	\$28	\$25
Visitors	\$38	\$35
Students	No Fee	

Cash or checks payable to "SNAME Chesapeake" will be collected at the door

Please help to announce this meeting by passing it around your office email list or posting the flyer on a bulletin board.

Thank you!