

# EXHIBITORS

Virginia Beach, VA Sept. 14 - 15

## Current FMMS 10 Exhibitors (as of 7/30/10)

- 3M Defense
- A & A Company, Inc.
- ABS
- Advanced Integrated Technologies (AIT)
- Alion Science and Technology Corporation
- Allied Systems Company
- Amee Bay, LLC
- American Maritime Modernization Association
- Apex Engineering Products Corporation
- Applied Industrial Technologies
- Automatic Coating Limited
- Azima DLI
- BAE Systems
- Blackmer
- CACI
- Center for Naval Shipbuilding Technology
- Centurum, Inc.
- Clarus Technologies
- Click Bond, Inc.
- Colfax Corporation
- Colonna's Shipyard, Inc.
- Cover Guard - Bainbridge International
- Dassault Systèmes
- Delphinus Engineering, Inc.
- Donovan Marine, Inc.
- Dresser-Rand
- Drew Marine USA
- Earl Industries
- East Coast Repair & Fabrication
- Ecoquip, Inc.
- EMS Ice, Inc.
- Epsilon Systems Solutions, Inc.
- ESRG, LLC
- EST Group, Curtiss-Wright Flow Control Company
- Federal Resources
- FMC Technologies
- General Atomics
- General Dynamics
- Glenair, Inc.
- Hosemasters North America
- Howell Laboratories
- Hydrasearch Company, Inc.
- Icore International, Inc.
- Impact Technologies, LLC
- Indoor Air Professionals
- International Fire Protection, Inc.
- International Flooring & Protective Coatings, Inc.
- Iriss, Inc.
- J.A. Moody
- Jo-Kell, Inc.
- Kingsbury, Inc.
- KITCO Fiber Optics
- Kittiwake Americas
- Krill Systems, Inc.
- L-3 Marine and Power Systems
- Life Cycle Engineering
- Lockheed Martin
- Louisiana Association for the Blind
- LPI Technical Services
- LUDECA, Inc.
- Maersk Line, Limited
- Maintenance/Inspection Services, Inc.
- Marotta Controls, Inc.
- Metro Machine Corporation
- Mikros Systems Corporation
- Military Sealift Fleet Support Command
- MSHS Group
- Naval Research Laboratory
- NAVSEA Fleet Readiness Engineering Office
- Navy Distance Support (NSWC Crane and NSLC Mechanicsburg)
- NDI Engineering Company
- Norfolk Naval Shipyard/NSSA
- Northrop Grumman
- NSWC Corona
- NUWC DET FEO NORFOLK
- Orade
- PaR Marine Services, LLC
- Parker Hannifin/Village Marine Tec.
- Partsmaster
- Philadelphia Gear Corporation
- Phoenix Group
- Phoenix International Holdings, Inc.
- PPG Protective and Marine Coatings
- Portsmouth Naval Shipyard
- Precision Technology USA, Inc.
- Q.E.D. Systems, Inc.
- Rayco Supply, Inc.
- RIX Industries
- Rocky Research
- Rolls Royce Naval Marine, Inc.
- Romulus, LLC
- Roxtec
- SAIC
- Savi, A Lockheed Martin Company
- Schweitzer Engineering Laboratories, Inc.
- SEA 21
- Seaward Marine Services, Inc.
- Shield Technologies Corporation
- ShipConstructor USA, Inc.
- Siemens PLM Software
- SKYDEX Technologies, Inc.
- Spatial Integrated Systems, Inc.
- SSPC: The Society for Protective Coatings
- Standard Calibrations, Inc.
- Superbolt, Inc.
- Surface Warfare Centers
- Target Rock, Curtiss-Wright Flow Control Company
- Tecnico Corporation
- The Titus Company, Inc.
- Thordon Bearings Inc.
- Tri-Tec Manufacturing, LLC.
- Tyco Electronics
- Ultra Poly Division of Polymer Industries
- USAA
- USCG
- US Coast Guard - SFLC
- Valkyrie Enterprises LLC
- Viega North America
- Welin Lambie LTD
- W&O
- Wartsila Defense, Inc.
- Wolf Creek Fabrication Services, Inc.
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Fleet Maintenance & Modernization Symposium 2010

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Virginia Beach Convention Center  
Virginia Beach, VA  
September 14-15, 2010

[Mailing Panel]



## Fleet Maintenance & Modernization Symposium 2010

*"Meeting the Challenges: War-fighting Effectiveness, Current Readiness, Service Life & Affordability"*

**Virginia Beach Convention Center, Virginia Beach, VA**  
**Symposium: Sept. 14 - 15, 2010**

The American Society of Naval Engineers is proud to present **Fleet Maintenance & Modernization Symposium 2010 (FMMS 2010)**. This premier event provides a unique forum for professional growth, business development, networking, and an open exchange of ideas with the brightest minds supporting the ships and craft of the U.S. Navy and U.S. Coast Guard.

The dynamic pace of change in our industry, coupled with the success of this symposium has driven this from a bi-annual to an annual event alternating between Tidewater and San Diego, home of two of the largest naval concentrations in the world. ASNE casts a wide net with FMMS-10 for all who support this industry by including important collaborative events hosted by other professional societies and military commands, effectively extending the core two-day symposium to four power-packed days of opportunity.

### Topics of discussion will include:

- Maintenance and Assessments
- Life Cycle Management and Total Ownership Cost
- Modernization
- New Technologies

### Look Who's Coming to FMMS 2010!



Admiral Gary Roughead, USN  
Chief of Naval Operations



Admiral John C. Harvey, Jr., USN  
Commander, U.S. Fleet Forces Command



The Honorable Sean J. Stackley  
Assistant Secretary of the Navy  
Research, Development & Acquisition (RDA)

### Special Guest Panelists:

VADM Kevin M. McCoy, USN

RADM John Clarke Orzalli, USN

VADM Pete Hekman, USN (Ret.)

For more information, go to  
[www.navalengineers.org/FMMS2010](http://www.navalengineers.org/FMMS2010)



**AGENDA: Monday, Sept. 13**

0930 – 1300	Table-Top Exhibits at Norfolk Ship Support Activity (NSSA)
1200	ASNE Golf Tournament* (1300 Shotgun Start) <i>*Sponsorship Opportunities Available. Please see FMMS 2010 website for more information.</i>
1300 – 1800	Pre-Registration and Exhibit Hall Set-Up

**AGENDA: Tuesday, Sept. 14**

0700	Registration Opens; Authors/Moderators Breakfast
0700 – 0800	Continental Breakfast in Exhibit Hall
0815 – 0830	<b>Welcome/Opening Remarks</b> Mr. Ronald Spano, Chairman, FMMS-10 Planning Committee Ms. Kathleen Hinton, President, ASNE
0830 – 0930	<b>Opening Keynote Address</b> ADM John C. Harvey, Jr., USN; Commander, U.S. Fleet Forces Command
0930 – 0935	<b>Exhibit Hall Opens with Ribbon Cutting by:</b> The Honorable William D. Sessoms, Jr., Mayor, City of Virginia Beach
0935 – 1030	Coffee Break in Exhibit Hall
1030 – 1145	<b>Technical Sessions: Maintenance and Assessments</b> <b>Technical Session 1</b> <ul style="list-style-type: none"> <li>Navigating Maintenance Barriers (Capt Timothy J. Corrigan, D. Scott Williams, Scott Mercer, Denise Jewett-Leo, Joseph Geraci, Carrier Planning Activity, SUBMEPP, AMSEC LLC)</li> <li>Unplanned Maintenance Scheduling (Han P. Bao, Ph.D., PE, Manish S. Mittal, Anthony W. Dean, Ph.D., Old Dominion University)</li> </ul> <b>Technical Session 2</b> <ul style="list-style-type: none"> <li>SWIFT (Steve Perkins, Jerry Harasty, Jim Villani, and Pam Grosicki, NAVSEA 04X, ASSETT, Inc.)</li> <li>Improving LSD-41 Class Diesel Engine Maintenance (LCDR Cinda L. Brown, LSD/LPD17 CLASSRON)</li> </ul> <b>Technical Session 3</b> <ul style="list-style-type: none"> <li>A Simplified Approach to Blasting and Preservation of Vertical Launching System (VLS) Launcher Tops (Anne Rodeheaver &amp; Brian MacMillan, Puget Sound Naval Shipyard &amp; IMF)</li> <li>5S For Improving Fire Safety Culture During Ship Depot Maintenance (George Gray and Steve Miley, Metro Machine Corp.)</li> </ul> <b>Technical Session 4</b> <ul style="list-style-type: none"> <li>Initiative to Reduce Cost of Painting Ships (J. Peter Ault, P.E., NSRP)</li> <li>Funding Options for Sustainable Corrosion Control Lifecycle Maintenance on DDG-51 Class Ships (CDR Robert Dodson, USN (Ret.), RADM Mark Hugel, USN (Ret.), Erica H. Plath &amp; E. Michael Tobin, CACI, SSLCM)</li> </ul>

1200 – 1330	<b>Luncheon in Partnership with Virginia Ship Repair Association (VSRA)</b> Keynote Speaker: ADM Gary Roughead, USN, Chief of Naval Operations Presentation of the ASNE Claude A. Jones Award for Fleet Engineer to CDR Bradford Bittle, USN, Chief Engineer, USS Abraham Lincoln (CVN 72)
1345 – 1500	<b>Technical Sessions: Lifecycle Management/Total Ownership Cost</b> <b>Technical Session 1</b> <ul style="list-style-type: none"> <li>Establishing Sustainment Readiness Levels for System Design (Michelle L. Hanna, Lockheed Martin)</li> <li>Configuration-Based Shipboard Maintenance (William (Andy) Kelly, Ray Lambert, Frank Patch, Harry Felsen and Paul Clark, NAVSEA 04RM, SUBMEPP)</li> </ul> <b>Technical Session 2</b> <ul style="list-style-type: none"> <li>Implementing the New U.S. Coast Guard Logistics Model (CDR Matt Lake, USCG &amp; Debu Ghosh, USCG Headquarters, Surface Forces Logistics Center, USCG)</li> <li>A Modernized Approach to Providing Naval Engineering Support to Coast Guard Assets (CAPT Paul J. Roden, USCG; USCG Headquarters)</li> </ul> <b>Technical Session 3</b> <ul style="list-style-type: none"> <li>Creating Incentives for Lifecycle Cost Performance Improvement of Systems and Equipment (CDR Martin C. Oard, USCG (Ret.))</li> <li>Affordability in Waterfront Maintenance and Modernization (RADM James Taylor, USN (Ret.) and CAPT Joe Yurso, USN (Ret.), AMMA)</li> </ul>

1500 – 1600	Break in Exhibit Hall
1600 – 1730	<b>Panel I Discussion: Achieving Design Service Life</b> Moderator: VADM Kevin M. McCoy, USN (COMNAVSEA) Panel: <ul style="list-style-type: none"> <li>RADM David M. Thomas, Jr., USN (COMNAVSURFLANT)</li> <li>RADM James P. McManamon, USN (SEA 21)</li> <li>RADM Thomas J. Eccles, USN (NAVSEA 05)</li> <li>RDML Thomas J. Moore, USN (OPNAV N43)</li> <li>RADM Thomas P. Ostebo, USCG (USCG)</li> </ul>
1730 – 1900	Exhibit Hall Reception

**AGENDA: Wednesday, Sept. 15**

0700	Registration Opens; Authors/Moderators Breakfast
0700 – 0800	Continental Breakfast in Exhibit Hall
0800 – 0930	<b>Panel II Discussion: Fleet Modernization – Pacing the Threat</b> Moderator: RADM J. Clarke Orzalli, USN (Vice Commander, NAVSEA) Panel: <ul style="list-style-type: none"> <li>RADM Frank C. Pandolfe, USN(OPNAV-N86)</li> <li>RADM Patrick H. Brady, USN (SPAWAR)</li> <li>RDML David H. Lewis, USN (PEO-Ships)</li> <li>RDML James D. Syring, USN (PEO-IWS)</li> <li>RADM Ronald J. Rábago, USCG (USCG)</li> </ul>
0930	Exhibit Hall Opens
0930 – 1130	<b>Surface Ship Corrosion Abatement Round Table (By Invitation Only)</b> Sponsored by RADM James P. McManamon, USN; SEA 21 Moderator: Mr. William Ryzewicz
0930 – 1030	Exhibit Hall Break

1030 – 11:45	<b>Technical Sessions: Modernization</b> <b>Technical Session 1</b> <ul style="list-style-type: none"> <li>Enabling Warfighter Effectiveness and Mission Readiness Through Integration of Systems Analysis and Process Engineering; Re-Defining and Improving AEGIS Weapon System and AN/SPY-1 Radar Total System Requirements (RDML(s) David J. Gale, USN; Adam J. Kelchlin and Peter Malek, SEA 21, Herren Associates)</li> </ul> <i>Programmatic View: Managing the Execution of a Surface Combatant Modernization Program</i> (Robert D. Davis, Allegra Treaster and Steve Huber, NAVSEA 21) <b>Technical Session 2</b> <ul style="list-style-type: none"> <li>Advanced Electric Motor Protection to Reduce Maintenance Cost and Improve Automation (Bill Dull, Ajay Sitaula, Jeff Butler and Todd Beninghaus, Schweitzer Engineering Laboratories, Inc.)</li> <li>Energy Savings from Application of Variable Speed Drive (VSD) Motor Controllers in U.S. Navy Ships (Keith Hubble, Milo Hyde, Earl Industries)</li> </ul> <b>Technical Session 3</b> <ul style="list-style-type: none"> <li>Service-Oriented Architecture Within the Navy Modernization Process (Yvette Tanius and Kevin Brown, NAVSEA 04R)</li> <li>Modernization of the Naval Logistics Information Infrastructure; Impact on Operational Readiness, Efficiency and Platform Lifecycle (Dr. Irene Farquhar, Farquhar Consultants)</li> </ul>
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1200 – 1330	<b>Luncheon in Partnership with the Tidewater Association of Service Contractors (TASC)</b> Keynote Speaker: The Honorable Sean J. Stackley, Assistant Secretary of the Navy (Research, Development, and Acquisition)
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1345 – 1500	<b>Technical Sessions: New Technologies</b> <b>Technical Session 1</b> <ul style="list-style-type: none"> <li>Design, Manufacturing and Testing of an Improved Watertight Door for Surface Ships (Dr. S. M. Copley, Dr. E. W. Reutzel, T. A. Merdes and D. B. Wess, ARL, Penn State University)</li> <li>Discoloration of Flexolith 2000G Test Patch Installation Aboard CVN-75 (Charles S. Tricou, Applied Research Laboratory)</li> </ul> <b>Technical Session 2</b> <ul style="list-style-type: none"> <li>Remote Maintenance with Adept (Chuck Bristow, Mark Laureigh and Greg Wisniewski, Mikros Systems Corp., NSWC Crane)</li> <li>The Compelling Argument for Item Unique Identification for Accurate Maintenance Priorities (Michael Howard and CDR James Semerad, SC)</li> </ul> <b>Technical Session 3</b> <ul style="list-style-type: none"> <li>Underwater Welding and Non-Destructive Testing in Support of U.S. Navy Ship Repair Operations (Pete LeHardy, Thomas Payne, Ken Elliott and Les Davies, Phoenix International Holdings, Inc.)</li> <li>Fleet-Originated Maintenance Figure of Merit (Dale Hirschman, CAPT C. W. Chesterman, Jr USN (Ret.), Matthew Lemma and Kenneth Mobley, Fleet Forces Command N43)</li> </ul>
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1600 – 1730	<b>Panel III Discussion: Readiness – Meeting the Challenges</b> Moderator: VADM Peter M. Hekman, USN (Ret) Panel: <ul style="list-style-type: none"> <li>RADM David M. Thomas, Jr., USN (COMNAVSURFLANT)</li> <li>RADM James P. McManamon, USN (SEA 21)</li> <li>RADM John N. Christenson, USN (INSURV)</li> <li>RDML Thomas J. Moore, USN (OPNAV 43)</li> <li>RDML Richard D. Berkey, USN (PACFLT FMO)</li> <li>RDML(s) David J. Gale, USN (Commander RMCs)</li> </ul>
1730	<b>Closing Remarks:</b> Mr. Ronald Spano, Chairman, FMMS-10 Planning Committee

**FMMS 2010 Registration Form**

Sept. 14 - 15, 2010 • Virginia Beach Convention Center • Virginia Beach, VA  
**To register online, (preferred method) go to [www.navalengineers.org/FMMS2010](http://www.navalengineers.org/FMMS2010)**  
 If registering by mail, please return this registration form to:  
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**CANCELLATIONS, TRANSFERS, AND REFUNDS: Cancellations must be in writing and cannot be accepted after 31 August 2010. A \$100 administrative fee will be applied to all refunds and transfers.**  
*Paid Registration includes: Technical Program • Lunch • Reception • Proceedings • Exhibits*

<b>(Through 31 August)</b>		<b>(After 31 August)</b>	
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**Total Amount Enclosed** \_\_\_\_\_ **Total Amount Enclosed** \_\_\_\_\_

**Advance Payment is Required**  
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FMMS Hotels	
<b>Doubletree Hotel Virginia Beach</b> 1900 Pavilion Drive, Virginia Beach, VA 23451 (757) 422-8900	<b>Hilton Virginia Beach Oceanfront</b> 3001 Atlantic Avenue, Virginia Beach, VA 23451 (757) 213-3000

To register online go to the Registration link on the FMMS 2010 web site at [www.navalengineers.org/FMMS2010](http://www.navalengineers.org/FMMS2010). To get the group rate of \$89, enter ASN in the "Group/Convention Code" block when registering.

**Exhibitor/Sponsorship Application**

**We want (#) \_\_\_\_\_ exhibit space(s) at the following rate: (Limited Availability)**

Premium Exhibit Space(s) \$2,000  Regular Exhibit Space(s) \$1,700

**Bonus:** Table-top Exhibit at Norfolk Ship Support Activity, Monday, 13 September  
**Bonus:** Showcase large hardware, craft, etc in the Static Display Area of the Exhibit Hall

**We want to be a sponsor at the following level:**  
 Gold (\$15,000)  Silver (\$7,500)  Bronze (\$2,000)

Various sponsorships are available for the ASNE Golf Tournament. Please contact us if interested.

**Organization Information** (this information will be used in the program listing)

Organization: \_\_\_\_\_

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