

MARINE BOARD FALL MEETING AGENDA

November 5-7, 2019

**The J. Erik Jonsson Conference Center of
The National Academy of Sciences**

314 Quissett Avenue, Woods Hole, MA

Tuesday, November 5

7:00 p.m. **Marine Board Working Dinner - Main House**

All expected guests have RSVP'd by October 18.

This event is at capacity and can no longer accommodate additional attendees.

"Autonomous Ships - US Navy Perspective "

*Guest Speaker: Rear Admiral Casey J. Moton, Program Executive Officer,
Unmanned and Small Combatants, United States Navy*

Wednesday, November 6

7:30 a.m. **Breakfast – Main House**

8:30 a.m. **Meeting Commences - Carriage House**

Call to Order / Introductions

Edward Comstock - Marine Board Chair

Autonomous Ships - Industry Perspective

8:45 a.m. **Focus Session Topic Introduction**

James Bennett - Marine Board Member

- Olivier Cadet - President, Kongsberg Maritime Inc., Senior Vice President Global Operations, Americas, Kongsberg
- Thomas Chance - Vice President and General Manager, L3 ASV (retired)
- Don Black - Vice President of Sales and Marketing, Sea Machines

9:45 a.m. **Q & A and Discussion**

James Bennett - Marine Board Member

10:15 **Break**

Autonomous Ships – Challenges and Risks

10:30 a.m. **Focus Session Topic Introduction**
James Bennett - Marine Board Member

- Richard Bowers – Chief Software Engineer, Leidos
- Tracey Mayhew - Port Representative, Seafarers International Union
- Stig Ole Johnsen - Senior Research Scientist Software Engineering, Safety and Security, SINTEF

11:30 a.m. **Q & A and Discussion**
James Bennett - Marine Board Member

Noon **Lunch – Main House**

Block Island Wind Farm, America's First

1:15 p.m. **Call to Order**
Edward Comstock - Marine Board Chair

Focus Session Topic Introduction
RADM Richard West (USN-Ret.) – Marine Board Member

Panelists

- Grover Fugate - Executive Director, Rhode Island Coastal Management Council
- Cpt. John R. O'Keeffe - Head of Marine Affairs US, Ørsted US Offshore Wind
- Jennifer McCann - Director U.S. Coastal Programs, URI Coastal Resource Center, Director of Extension, Rhode Island Sea Grant

2:20 p.m. **Q & A and Discussion**
RADM Richard West (USN-Ret.) – Marine Board Member

2:50 p.m. **Break**

Building a Safe and Effective Regulatory Framework for the Offshore Wind Industry

3:05 p.m. **Focus Session Topic Introduction**
Charlie Williams – Marine Board Member

Panelists

- Darryl Francois, Chief, Engineering and Technical Review, Office of Renewable Energy Programs, Bureau of Ocean Energy Management
- Cheri Hunter - Renewable Energy Program Coordinator, Bureau of Safety and Environmental Enforcement
- CDR Brian McSorley, Deputy Sector Commander, Sector Southeastern New England, U.S. Coast Guard
- Joan Bondareff - Chair, VA Offshore Wind Development Authority, Blank Rome LLP

4:25 p.m. **Q & A and Discussion**
Charlie Williams – Marine Board Member

5:00 p.m. **Meeting Adjourns**

5:15 p.m. **Reception - Main House**

6:15 p.m. **Marine Board Working Dinner - Main House**

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“Regulatory Issues Around Commercial Implementation and Market Acceptance of Offshore Wind Technical Innovations”

*Guest Speaker: George Hagerman, Senior Project Scientist
Center for Coastal Physical Oceanography, Old Dominion University*

Thursday, November 7

7:30 a.m. **Breakfast – Main House**

8:30 a.m. **Meeting Commences - Carriage House**

Call to Order - Edward Comstock - Marine Board Chair

Marine Board Sponsor Updates

8:35 a.m. *10 minute agency briefs on recent activities and top issues from each liaison*

- Kevin Knight, U.S. Army Corps of Engineers
- LCDR John Downing, U.S. Coast Guard
- Richard Blank, Office of Naval Research
- Heather Gilbert, National Oceanic and Atmospheric Administration
- Michael Dean/Mark Helmkamp, Supervisor of Salvage and Diving

10:00 a.m. **Break**

10:15 a.m. **Sea Machines Remote Demo of Autonomous Vessel via Video**

Warren Freda, Business Development Manager Government: Naval & Maritime Autonomous Mission Systems, Sea Machines

11:00 a.m. **Autonomous Shipping Technology Discussion**

James Bennett - Marine Board Member

11:30 a.m. **Public Meeting Adjourns**