The National Academies of
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TRB
TRANSPORTATION RESEARCH BOARD

MARINE BOARD FALL MEETING PRESENTATIONS

November 9-10, 2016

National Academy of Sciences Building

2101 Constitution Avenue, NW, Washington, D.C.

Tuesday, November 8

6:30 p.m. **Marine Board Working Dinner**

CAPT Keith W. Lehnhardt, U.S. Navy Supervisor of Salvage and Diving to discuss the *El Faro* recovery operation.

Emergency Planning, Preparedness, Response, and Mitigation in Maritime

8:30 a.m. **Call to Order / Self-Introductions/Topic Introduction**
Vice Admiral James C. Card, USCG (Ret.) - Marine Board Chair
Peter K. Velez – Session Presider

8:40 a.m. **Keynote Address**
Admiral Thad W. Allen, USCG (Ret.), Executive Vice President, Booz Allen

9:10 a.m. **U.S. Coast Guard Perspective**
Rear Admiral Paul F. Thomas, Assistant Commandant for Prevention Policy, U.S. Coast Guard

9:30 a.m. **NOAA Perspective**
Russell Proctor, Chief of Navigation Services Division, NOAA

9:50 a.m. **Seaport Perspective**
Rear Admiral Richard M. Larrabee, USCG (Ret.), Former Port Director, Port Authority of New York & New Jersey

10:10 a.m. **Carrier Perspective**
CAPT John "Chuck" Nygaard, Crowley Liner Services, Inc.

10:45 a.m. **Discussion facilitated by Peter Velez**
All

11:55 a.m. **Next Steps and Closing Remarks**
Peter K. Velez

Challenges in Maritime Risk Assessment

1:30 p.m.	**Session Introduction** Martha Grabowski, Marine Board Member
1:40 p.m.	**BSEE Perspective** Director Brian Salerno, Bureau of Safety and Environmental Enforcement
2:05 p.m.	**USCG Perspective** Captain John Mauger, U.S. Coast Guard
2:30 p.m.	**USACE Perspective** Dr. Julie Rosati, U.S. Army Corps of Engineers
3:10 p.m.	**Discussion facilitated by Dr. Grabowski**
3:15 p.m.	**Discussant** Dr. Paul S. Fischbeck, Carnegie Mellon University
3:30 p.m.	**Discussant** Dr. Sonja Haber, Human Performance Analysis Corporation
3:45 p.m.	**Discussion facilitated by Dr. Grabowski** All
4:55 p.m.	**Next Steps and Closing Remarks** Dr. Grabowski

Thursday, November 10

8:30 a.m. **Marine Board Sponsor Agency Reports**
10 minute reports / 5 minute Q & A with Board

NOAA-NOS – Ms. Heather Gilbert
USCG – Mr. Michael Emerson
USACE – Mr. Kevin Knight
ONR – Mr. Jeff Smith
BSEE – Mr. John Cushing
MARAD – Mr. Todd Ripley
SUPSALV – CAPT Keith W. Lehnhardt

10:30 a.m. **Framing Discussion: Autonomous Vessels as a Marine Board Priority Issue**
Edward Comstock and Donald Liu