



MARINE BOARD SPRING MEETING

April 10-11, 2013

National Academy of Sciences Building

2101 Constitution Avenue, NW

Washington, D.C.

Wednesday, April 10		NAS Lecture Room
8:00 a.m.	Continental Breakfast	
8:30 a.m.	Call to Order and Marine Board Introductions	Dr. Thomas Leschine Chair, Marine Board
Focus Session: Building a Positive Culture of Safety in a Regulatory Organization		
8:40 a.m.	Introduction of Topic and Briefing on Efforts to Revise Existing Offshore Safety Standards	VADM James C. Card Vice Chair, Marine Board
8:50 a.m.	Opening Remarks and Background including BSEE Draft Statement of Policy regarding Safety Culture –	RADM James A. Watson, Director, Bureau of Safety and Environmental Enforcement
9:00 a.m.	Expert Perspectives	
	<i>Safety Systems Perspective</i>	RADM Thomas J. Eccles, Chief Engineer and Deputy Commander for Naval Systems Engineering, Naval Sea Systems Command
	<i>Government Regulator Perspective</i>	Mr. Earl Carnes, Senior Advisor, High Reliability, U.S. Dept. of Energy
	<i>Academic Perspective</i>	Dr. John Carroll, Professor of Organization Studies and Engineering Systems, MIT Sloan School of Management
	<i>Industry Perspective</i>	Mr. Dwight D. Johnston, Deepwater VP HSE, Shell Exploration & Production Company
	<i>Government Regulator Perspective</i>	Hon. Christopher A. Hart, Vice Chair, National Transportation Safety Board

Wednesday, April 10 - Continued

10:15 a.m. **Break**

10:30 a.m. **Open Discussion** **All**

11:15 a.m. **Next steps and Closing Remarks** **VADM Card**

NAS Gulf of Mexico Program / RESTORE Gulf of Mexico Science Program

11:30 a.m. **Briefing** **Dr. Chris Elfring /
Ms. Mary Erickson
Mr. Pete Johnson / All**

- Q&A/Discussion

12:30 p.m. **Working Lunch**

1:30 p.m. **Current Project Updates and Activities in Development**

- Offshore Windfarm Worker Safety **VADM Card**
- Arctic Navigation Workshop **VADM Card**
- Responding to Oil Spills in Arctic Marine Environments (Ocean Studies Board) **Dr. Martha Grabowski**
- Critical Issues in Maritime Transportation **Dr. Mary Brooks**
- Inland Waterways Study **Mr. Stephen Godwin**
- Options for Implementing the Requirement of Best Available and Safest Technologies for Offshore Oil and Gas Operations (NAE/TRB) **Mr. Godwin**
- Buzzards Bay Risk Assessment Peer Review **Mr. Godwin**

2:45 p.m. **Break**

3:00 p.m. **Federal Agency Research Updates and Priorities**

U.S. Coast Guard **Mr. Dana Goward**

- Analysis of Waterway Risk Assessment Tools

U.S. Army Corps of Engineers **Dr. Julie Rosati/
Mr. Kevin Knight**

- Research & Development Update
- Transportation Systems
- Port Modernization Study
- Alaskan Port Siting

*National Oceanic and Atmospheric Administration
Bureau of Safety and Environmental Enforcement (BSEE)* **Dr. Holly Bamford**

- Renewable Energy **Mr. John Cushing**
- Oil and Gas Research **Mr. Joseph Levine**

*Bureau of Offshore Energy Management (BOEM)
Maritime Administration* **Mr. Darryl Francois
Mr. Todd Ripley**

- MARAD Panama Canal Study
- LNG and Ballast Water Management Initiatives
- Maritime Safety Reporting System Activities

U.S. Navy/Naval Sea Systems Command (SUPSALV) **Mr. Robb Hyde**

- Emergency Response and Operations Focus

Committee on the Maritime Transportation System

**Ms. Helen Brohl/
Mr. David Murk**

- Status of the CMTS: Recent directives from December 2012 CMTS authorization and CMTS leadership;
- CMTS Work Plan: Update of the 2008 National Strategy on the MTS; MTS Assessment Report to Congress; Arctic MTS Priorities document; Development of MTS Performance Measures; MTS Infrastructure Investment Decision Criteria; Implementation of the eNavigation Strategic Action Plan; AND
- CMTS Products: Compendium of Federal MTS Programs; Transportation Funding Data Map; and Transportation Funding Handbook.

Q&A/Discussion

All

5:00 p.m. **Adjourn for the Day**

5:00 – 6:00 p.m. **Reception**

East Court

Thursday, April 11

NAS Room 120

8:30 a.m. ***Continental Breakfast***

9:00 a.m. **Marine Board Critical Issues in Transportation**

Dr. Brooks/All

10:30 a.m. ***Break***

10:45 a.m. **Updates from Other NRC Boards**

- Ocean Studies Board/Polar Research Board
- Water Science & Technology Board

Dr. Susan Roberts

Mr. Jeff Jacobs

Q&A/Discussion

All

11:15 a.m. **Marine Board Critical Issues in Transportation
(Continued)**

All

11:45 a.m. **TRB Marine Group Update**

Dr. Brooks

- TRB 2013 Annual Meeting
- 2013 Smart Rivers Conference (Belgium/Netherlands)
- 2013 ASCE/COPRI Ports Conference (Seattle, WA)
- TRB 2014 Annual Meeting
- 2014 PIANC World Congress (San Francisco, CA)
- 2014 Biennial CMTS Conference (Washington, DC)
- 2014 HSC/AMSC Conference (Philadelphia, PA)
- 2014 NAFTA/NAFTANEXT: Energizing Sustainable Trade Corridors Across North America (Chicago, IL)

Mr. Scott

Brotemarkle/

Ms. Joedy

Cambridge

12:00 Noon **Adjourn Public Meeting (Marine Board in Closed Session)**