

Maritime Administration (MARAD)

Marine Board Meeting April 8, 2014



Environment



Security



Safety



Office of Safety, MAR-430



April 2014



Discussion Outline

- Panama Canal Expansion Study
- Upcoming Events
- MARAD/DOT Activities of Interest



Panama Canal Expansion Study

- The Phase I report completed and available on MARAD website
- Key findings Phase I report:
 - Greatest impact will be on container traffic;
 - East Coast can expect lower cost per twenty foot equivalent unit (TEU) containers for vessels that utilize the Panama Canal vs. West Coast ports of entry;
 - Door-to-door transit times will depend on routing choices by shippers and freight forwarders;
 - Ongoing infrastructure investments by eastern U.S. railroads made in anticipation of the canal expansion may further reduce the cost of all-water shipping through East Coast ports; and
 - Overall impacts to U.S. ports and inland infrastructure will occur gradually.



Panama Canal Expansion Study

- The final Phase II – IV report
 - undergoing MARAD review
 - expected to be released later this year
 - The report will include:
 - additional details regarding economic impacts
 - additional details regarding specific commodities
 - recommendations for federal policy actions



Upcoming Events of Interest

- **Second National Maritime Strategy Symposium, May 6, 2014**
 - DOT Headquarters, Washington, DC
 - gather ideas to improve the utilization, vitality and competitiveness of the Nation's marine transportation system.
 - Principal focus areas will include U.S. ports, domestic shipping, and U.S. shipyards.
 - Requesting public input for speakers and topic proposals for inclusion on agenda
- **ASTM F25 Workshop, May 7, 2014**
 - DOT Headquarters, Washington, DC
 - Aligning standards to support a cost effective Maritime Regulatory Framework
 - Opportunities for Maritime Standards Development
- **SOCP Spring Summit, May 13-14, 2014**
 - Texas A&M Maritime Academy, Galveston, TX
 - Safety in the Offshore Oil & Gas Industry - Operational Issues & Proposed Solutions
 - Ship Propulsion Alternative Energy/LNG Technologies
 - Maritime Safety Issues and Proposed Solutions
 - Educating the Next Generation of Mariners



MARAD/DOT Activities of Interest

- MARAD Energy and Environmental Stewardship activities/initiatives
 - Testing and evaluation of ballast water treatment technologies
 - WebGift Roll-out – MARAD website April 2014
 - Alternative Energy
 - LNG Total Fuel Cycle Project- April 2014
 - LNG bunkering, infrastructure, training study - May 2014
 - Marine Fuel Cell Generator prototype design and demonstration project - Dec 2015
 - Biofuel R&D - Dec 2015
 - Horizon LNG Repowering Demo- Late 2016

Ballast Water Technology Testing





MARAD/DOT Activities of Interest

- DOT Safety Council Activities
 - Safety Culture/Performance Measures
 - Close Calls/Near Miss Reporting
 - Operator Distraction
- ASTM F25 Standards
 - Identify standards development opportunities in support of regulatory framework
 - Maritime Safety Reporting Standards
 - Near miss maritime safety data collection and reporting
 - Incident and accident maritime safety data collection and reporting
- SOCP Activities/Initiative
 - Merchant Mariner Information System Security Awareness CBT
 - Maritime Leadership Training CBT
 - K-12 Maritime Curriculum



Thank You!

**Todd Ripley
Office of Safety
Maritime Administration**

**todd.ripley@dot.gov
202-366-2625**