U.S. Department of Transportation
Maritime Administration

Maritime Administration Overview

for the

NOAA Hydrographic Services Review Panel
Federal Advisory Committee Public Meeting

Galveston, TX

Mar 15-17

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Maritime Administration
U.S. Department of Transportation
Maritime Administration

Mission

To improve and strengthen the U.S. marine transportation system -- including infrastructure, industry and labor -- to meet the economic and security needs of the Nation.

www.marad.dot.gov
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Key Facts

- Established 1950
- FY 2015 Budget - $365 million
- Total Employees - 760
  - Headquarters – 268
  - US Merchant Marine Academy – 234
  - Area / Gateway Offices & Fleet Sites - 258
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Office of Intermodal Systems Development

• Congestion mitigation projects, teams and partnerships
• Shipper and carrier outreach
• Port development
• Deepwater ports/energy
• Navigation and waterways
• Passenger and cruise industry
• Marine highway projects
• Gateway Offices
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Gateway Offices – Program Support

StrongPorts
• Grant Advocacy (TIGER)
• Delivery of Federal Services (Consultations)
• Port Infrastructure Development (StrongPorts Program Support)
• PortTalk (Range of Services - Consult, On Site, or HQ)
• Port Conveyance

Marine Highways
• Service Development (Program Support)
• Marine Highway Routes (Application/Selection)
• Marine Highway Projects (Application/Designation)
• Inter-Agency Partnerships/Support
• Planning and Engagement

Engagement
• Advocacy & Outreach (Speeches, Presentations, et.al.)
• Environmental Sustainability/Stewardship
• Port Readiness*
• Workforce Development

*Port Readiness includes:
- Port Resiliency (Improves the Disaster Resiliency of Ports)
- Emergency Support Function (Emergency Reporting)
- Field Crisis Team (Supporting USDOT Emergency Reporting System)
- USCG Area Maritime Security Committees
- FEMA/USCG Port Security Grant Program Reviews
- Security (Port, Vessel, Crew, Cyber)
- Safety (Port, Vessel, Crew, and Navigation)
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National Maritime Strategy

• Develop a National Maritime Strategy to support growth of U.S. maritime industry and ensure availability of U.S. flag vessels for our nation’s economic and national security.

• Hosted two three-day National Maritime Strategy Symposium, with over 400 maritime stakeholders in developing five priorities –
  ✓ Ports
  ✓ Integration of Waterways into Surface Transportation
  ✓ Strengthen Capabilities Essential to Economic/ National Security
  ✓ Workforce Development
  ✓ Innovation and Technology

• Current Draft in Federal Government review.

• Public comment and review period will follow.
Port Challenges – A Growing Population Will Stress Capacity

The population is projected to increase from 314 million in 2012 to 420 million in 2060, reaching 400 million in 2051.
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2015 Infrastructure Needs

- AAPA survey identified $28.9 billion in 125 port-related freight network projects:
  - Intermodal connectors
  - Gateway and corridor projects
  - Marine Highway projects
  - On-dock rail projects

- 46 intermodal projects totaling $7.5 billion

- 34 Projects of National & Regional Significance totaling $19.5 billion

- 35 TIGER projects totaling $1.9 billion

Source: AAPA – April 2015 Surface Transportation Infrastructure Survey - The State of Freight
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Fixing America’s Surface Transportation (FAST) Act

• Signed into Law December 4, 2015

• $305 Billion for 5 years

• Nationally Significant Freight and Highway Projects
  ✓ Up to $500M of multiyear total can go towards multimodal projects
    including maritime ports

• Port Performance Program (annual statistics)
  ✓ Bureau of Transportation Statistics

• Build America Transportation Investment Center (BATIC) authorized as
  the National Surface Transportation and Innovative Finance Bureau
  ✓ Potential to administers various Departmental credit and grant programs

• USDOT building strategy for execution
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Funding and Financing

• TIGER Grants - $48 Million to 4 Ports (Port of Houston, Corpus Christi, Brownsville, and Catoosa (Tulsa))

• TIGER VIII Grant - $500 Million (2016)

• Build America Transportation Investment Center - [https://www.transportation.gov/buildamerica](https://www.transportation.gov/buildamerica)
  ✓ Transportation Infrastructure Finance and Innovation Act (TIFIA) - [https://www.transportation.gov/tifia](https://www.transportation.gov/tifia)
  ✓ Railroad Rehabilitation and Improvement Financing (RRIF) - [https://www.fra.dot.gov/Page/P0128](https://www.fra.dot.gov/Page/P0128)

• Port Conveyance Program

• Marine Highway call for Projects –

  31404 Federal Register / Vol. 79, No. 105 / Monday, June 2, 2014 / Notices
  MH Project submissions due June 30, 2016
  $5 million available
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MARAD Grants and Projects

Land Conveyance
- States: 24
- Ports: 10
- Land Area: 3,000 Acres
- Value: $54M to $1B

Tiger/ARRA
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

MH Projects
- Ports: 6
- Grants: 3
- Funds: $7M

ARRA Grants
- States: 10
- Ports: 10
- Land Area: 3,000 Acres
- Value: $54M to $1B

TIGER FY 2009
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

TIGER FY 2010
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

TIGER FY 2011
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

TIGER FY 2012
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

TIGER FY 2013
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

TIGER FY 2014
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

TIGER FY 2015
- States: 24
- Ports: 49
- Grants: 48
- Funds: $564M

Marine Highway
- Ports: 6
- Grants: 3
- Funds: $7M

Port Conveyance
- Ports: 10
- Land Area: 3,000 Acres
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Planning & Investment Toolkit
A Maritime Industry Joint Venture

• A joint venture between AAPA, a working group of 57 industry expert volunteers, and the Maritime Administration.

• Toolkit will help ports obtain funding by developing investment grade plans that:
  ✓ Clearly identify future port needs;
  ✓ Determine the most cost-effective, sustainable and efficient solutions to port problems; and
  ✓ Get port infrastructure projects into MPO and state transportation programs in order to receive formula funding;
  ✓ Position port projects for federal funding such as TIGER grants; and
  ✓ Assist ports in obtaining private sector investment funds.
  ✓ Funding Strategy Module was released in November 2014

http://www.aapa-ports.org/Publications/content.cfm?ItemNumber=20033&RDtoken=2689&userID=5980
PortTalk - A Regional Maritime Collaboration

- Documents the Ports as-is, to-be, and where MARAD can assist.

- PortTalk engages **Ports, State DOT, MPOs, and other stakeholders** in a facilitated telecon to **foster dialogue and develop regional maritime transportation plans.**

- PortTalk Outcomes:
  - **Understand** Port concerns
  - Identify resources and programs to help build, **modernize and expand** maritime transportation assets
  - **Spotlight** maritime transportation's role in regional transportation **system planning**
  - **Shipper and shipping-company** outreach and needs assessment
  - Gain **understanding** of freight system plans to 2025
  - Generate **innovative solutions** to environmental and logistics challenges
America’s Marine Highway

Marine Highway Call for Projects

- 31404 Federal Register / Vol. 79, No. 105 / Monday, June 2, 2014 / Notices
- MH Project submissions due June 30, 2016
- $5 Million available 2016

Texas/Oklahoma Area

- M-40 McClellen-Kerr
- M-10 Gulf IAWW
- M-146 Houston-Baytown
International trade growth can only increase congestion.

Landside infrastructure can’t support the growth. Roads and railroads are near capacity, are costly, and take decades to expand.

The U.S. moves about 2% of domestic freight by water
- Europe - 44%
- China - 61%

The U.S. has about 25,000 miles of coastal and inland waterways that are operating below capacity.
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Office of Strategic Sealift

- Ready Reserve Force
- National Defense Reserve Fleets
- Fleet Support Offices
- Emergency Preparedness Planning and Programs
- Support for Civil Authorities
- Vessel Recycling
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Office of Ship Operations

• Provides ready and reliable strategic sealift in support of ...
  ✓ national security programs (DoD contingencies)
  ✓ civil emergencies, HA/DR (Katrina-Rita, OUR)

• Oversees the Ready Reserve Force (RRF)
  ✓ Currently there are 48 ships in the RRF

• Manages three reserve fleet sites:
  ✓ James River Reserve Fleet (Virginia)
  ✓ Beaumont Reserve Fleet (Texas)
  ✓ Suisun Bay Reserve Fleet (California)
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Ready Reserve Force Homeports

R - RO/RO (35)  T - TAC S (6)
A - TAVB (2)  L - LASH (2)  OP - OPDS (1)  S - SEABEE (2)
Readiness: 5 (ROS), 10 days from notice to activate

 Tacoma, WA (2)
 R-5 - CAPE INTREPID
 R-5 - CAPE ISLAND

 San Francisco, CA (3)
 R-5 - CAPE HENRY
 R-5 - CAPE HORN
 R-5 - CAPE HUDSON

 Alameda, CA (9)
 R-5 - ALGOL
 R-5 - CAPELLA
 R-5 - ADM CALLAGHAN
 R-5 - CAPE ORLANDO
 S-5 - CAPE MOHICAN
 T-5 - GEM STATE
 T-5 - GRAND CANYON ST
 T-5 - KEYSTONE STATE
 OP-10-PETERSBURG

 Long Beach, CA (2)
 R-5 - CAPE INSCRIPTION
 R-5 - CAPE ISABEL

 San Diego, CA (1)
 A-5 - CURTIS

 Beaumont Reserve Fleet, TX (4)
 R-5 - CAPE VICTORY
 R-5 - CAPE VINCENT
 L-10 - CAPE FAREWELL
 L-10 - CAPE FLATTARY

 Houston, TX (3)
 R-5 - CAPE TAYLOR
 R-5 - CAPE TEXAS
 R-5 - CAPE TRINITY

 Marrero, LA (2)
 R-5 - ALTAR
 R-5 - BELLATRIX

 New Orleans, LA (2)
 R-5 - CAPE KENNEDY
 R-5 - CAPE KNOX

 Philadelphia, PA (2)
 R-5 - POLLUX
 R-5 - REGULUS

 Baltimore, MD (5)
 R-5 - HIGHT
 R-5 - CAPE WRATH
 R-5 - CAPE WASHINGTON
 R-5 - ANTARES
 R-5 - DENESOLA

 Newport News, VA (3)
 T-5 - CORNHUSKER STATE
 T-5 - FLICKERTAL STATE
 T-5 - GOPHER STATE

 Norfolk, VA (1)
 S-5 - CAPE MAY

 Portsmouth, VA (3)
 R-5 - CAPE RACE
 R-5 - CAPE RAY
 R-5 - CAPE RISE

 Charleston, SC (6)
 R-5 - CAPE DECISION
 R-5 - CAPE DIAMOND
 R-5 - CAPE DOMINGO
 R-5 - CAPE DOUGLAS
 R-5 - CAPE DUCATO
 R-5 - CAPE EDMONT
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Ready Reserve Force Snapshot
Humanitarian Assistance
- Haiti X 2
- Central America
- Gulf Coast Region

Operation UNIFIED RESPONSE – Haiti (2010)
- Five (5) RRF vessels and 2 Title XI high speed ferries were activated.
- 2 RRF and one high speed ferry were eventually the ships needed to provide humanitarian assistance as part of the interagency effort.
- 25 U.S.-flag vessels were used in active support of Haiti relief operations carrying USAID food aid, DOD cargo/supplies obtained under the military universal services contract, and providing ferry service for response workers.

KATRINA/RITA: 9 ships, almost 900-ship days, 6 months, 270,000 meals, 83,000 overnight accommodations
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Office of Emergency Preparedness

• Oversees Agency’s emergency planning and response activities for national emergencies

• Responsible for Agency participation in military and civilian mobilization, and emergency operations exercises and tests

• Works with DOD and DHS agencies in administration of National Port Readiness Network

• Represents the United States at NATO/ Transport Group - Ocean Shipping (aka PBOS)
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