

# 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](http://www.marad.dot.gov)



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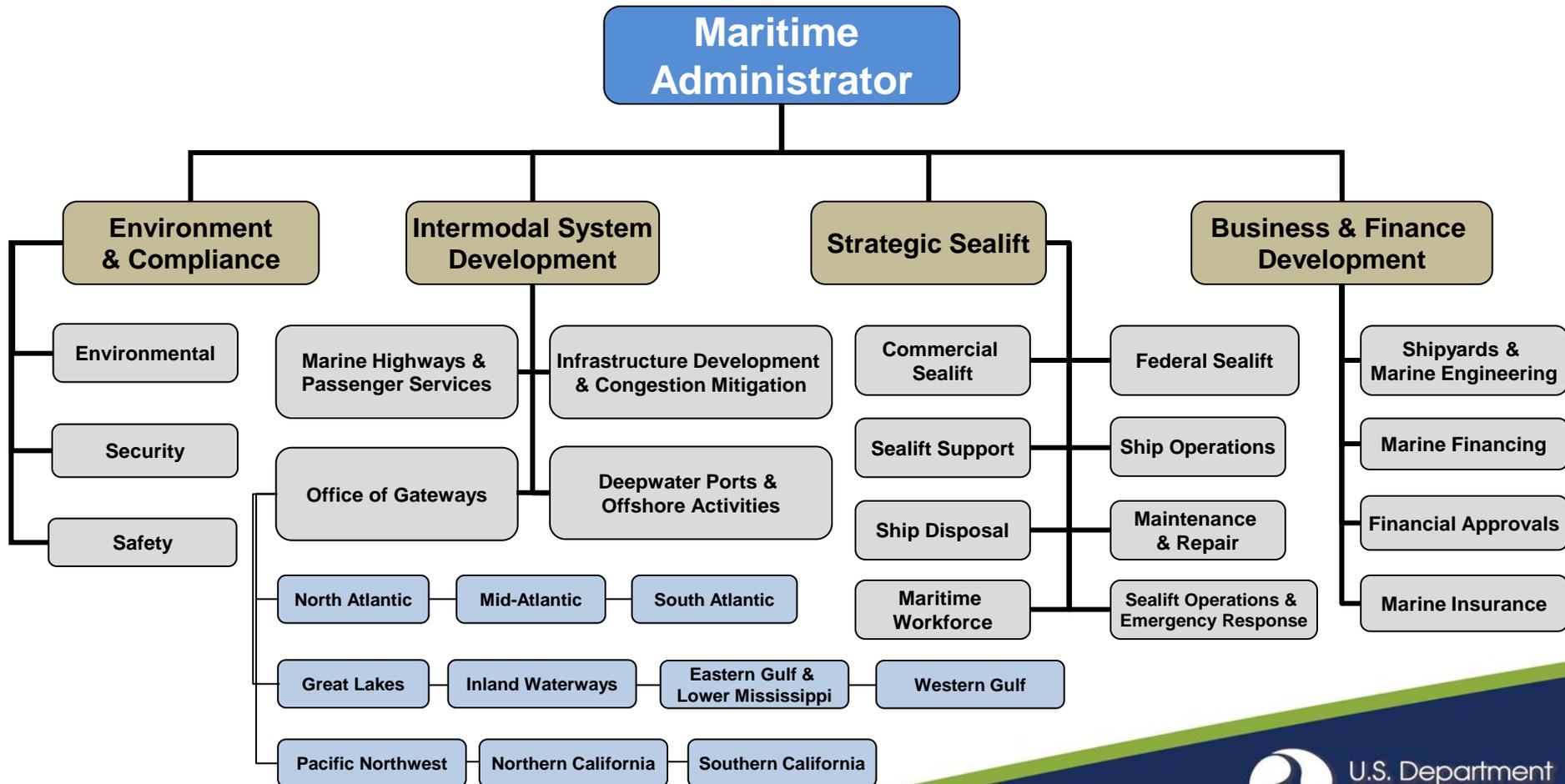
# U.S. Department of Transportation

## Maritime Administration

### *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

# U.S. Department of Transportation Maritime Administration *Key Program Organization*



# U.S. Department of Transportation Maritime Administration

## 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



### \*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*)

### 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

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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.

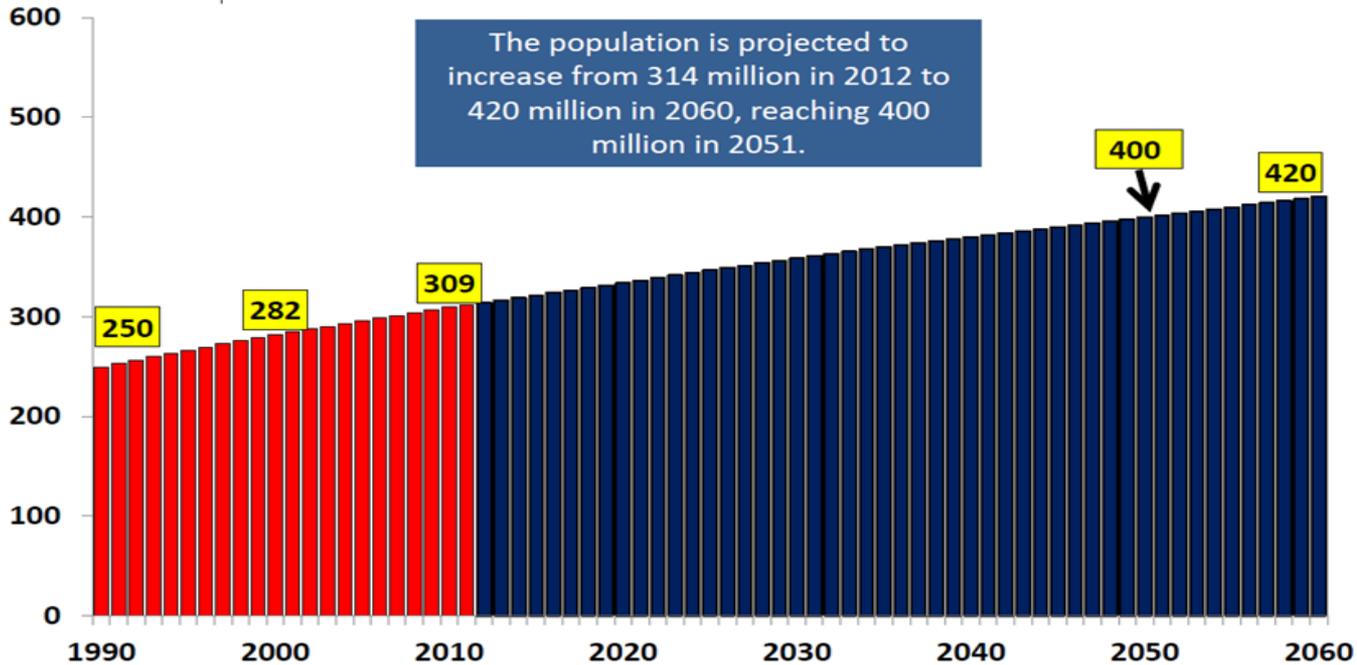


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## Port Challenges – A Growing Population Will Stress Capacity

United States Population: 1990 to 2060

Numbers (in millions)



United States  
Census  
Bureau

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU

Red columns represent population estimates for 1990-2011.



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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

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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 administer 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>
  - ✓ Transportation Infrastructure Finance and Innovation Act (TIFIA) - <https://www.transportation.gov/tifia>
  - ✓ Railroad Rehabilitation and Improvement Financing (RRIF) - <https://www.fra.dot.gov/Page/P0128>
  - ✓ Public Private Partnership - <http://www.fhwa.dot.gov/ipd/p3/toolkit/training/>
- Port Conveyance Program
- Marine Highway call for Projects –

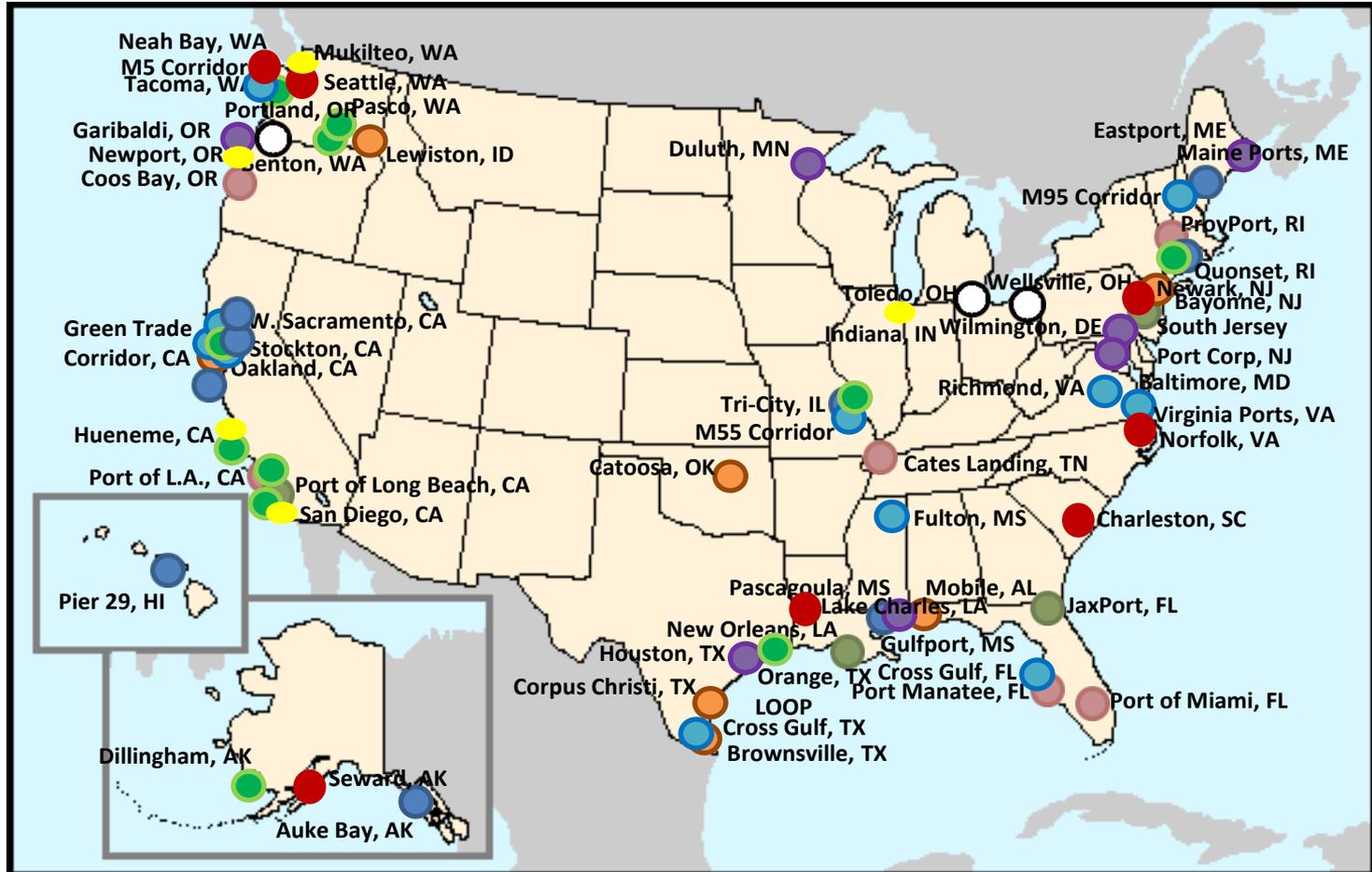
**31404 Federal Register** / Vol. 79, No. 105 / Monday, June 2, 2014 / Notices  
MH Project submissions due June 30, 2016  
\$5 million available

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

**MH Projects**  
**Ports:** 6  
**Grants:** 3  
**Funds:** \$7M

**Land Conveyance**  
**Ports:** 10  
**Land Area:**  
 3,000 Acres  
**Value:** \$54M to  
 \$1B



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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>



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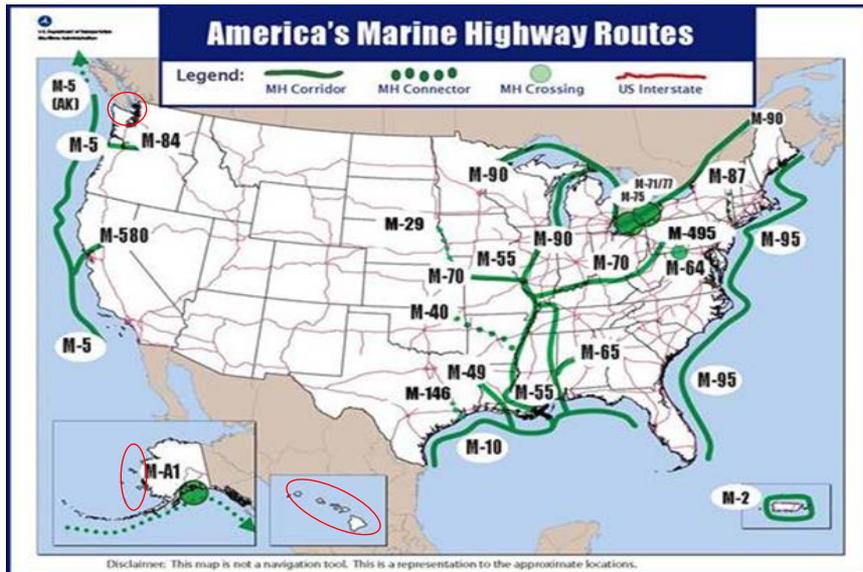
## Maritime Administration

### *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

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## 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 McClellan-Kerr
- M-10 Gulf IAWW
- M-146 Houston-Baytown

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## Growing Congestion and the Marine Highway Solution

- 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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## Maritime Administration

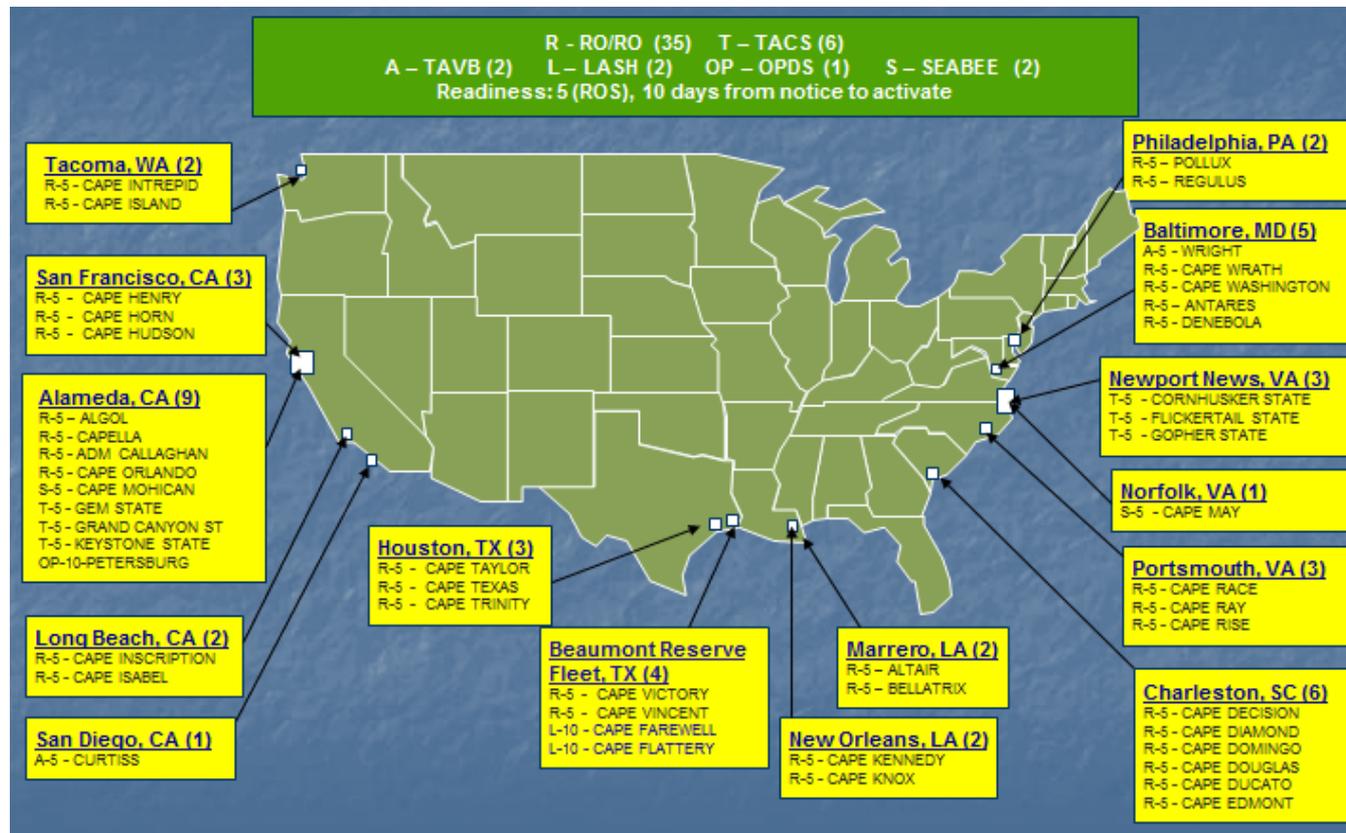
### Office of Ship Operations

- 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



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## Ready Reserve Force Snapshot



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## Disaster Relief Effort

### Humanitarian Assistance

- Haiti X 2
- Central America
- Gulf Coast Region



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

### 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.

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## Maritime Administration

### 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)



# U.S. Department of Transportation Maritime Administration

## Contact Information

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