

# Overview of Ports & Waterways



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**MARAD**

U.S. MARITIME ADMINISTRATION



## MISSION:

Strengthen the U.S. maritime transportation system including infrastructure, industry and labor to meet the economic and security needs of the Nation.

## STRATEGIC GOALS:

- **CARGO:** Develop domestic and international transportation opportunities to modernize and sustain a competitive commercial U.S.-flag fleet that ensures the Nation's economic and national security
- **READINESS:** Ensure the availability of a capable U.S. Merchant Marine fleet with modern U.S.-flag vessels, skilled labor and global logistics support to drive the Nation's economy and to meet national maritime transportation requirements in peacetime emergencies and armed conflicts
- **INFRASTRUCTURE:** Support the development of America's ports, shipyards and related intermodal infrastructure as key integrated components of an efficient, resilient and sustainable national transportation system and freight network
- **ADVOCACY:** Advance awareness of the necessity and importance of a strong U.S. Maritime Transportation System

# USDOT Operating Administrations



- 1. FAA: Federal Aviation Administration**
- 2. FHWA: Federal Highway Administration**
- 3. FMCSA: Federal Motor Carrier Safety Administration**
- 4. FRA: Federal Railroad Administration**
- 5. FTA: Federal Transit Administration**
- 6. MARAD: Maritime Administration**
- 7. NHTSA: Nat'l Highway Traffic Safety Administration**
- 8. OIG: Office of Inspector General**
- 9. PHMSA: Pipelines and Hazardous Materials Safety Administration**
- 10. SLSDC: Saint Lawrence Seaway Development Corp.**



OUR MISSION:

NAVIGATING TOWARDS THE FUTURE



## U.S. Maritime Administration (MARAD)

- Promotes the use of waterborne transportation, ships and shipping, shipbuilding, port operations, vessel operations, national security, environment, and safety
- Maintains a fleet of cargo ships in reserve to provide surge sealift during war and national emergencies
- Provides and supports maritime education and availability of trained mariners



## U.S. Army Corps of Engineers (USACE)

- Maintains our Nation's harbors and navigable waterways
- Delivers vital public and military engineering services
- Partners in peace and war to strengthen national security



## U.S. Transportation Command (USTRANSCOM)

- A combatant command which provides support to the eight other U.S. combatant commands, the military services, defense agencies and other Government organizations
- Supports the transportation and enabling capability provider of choice



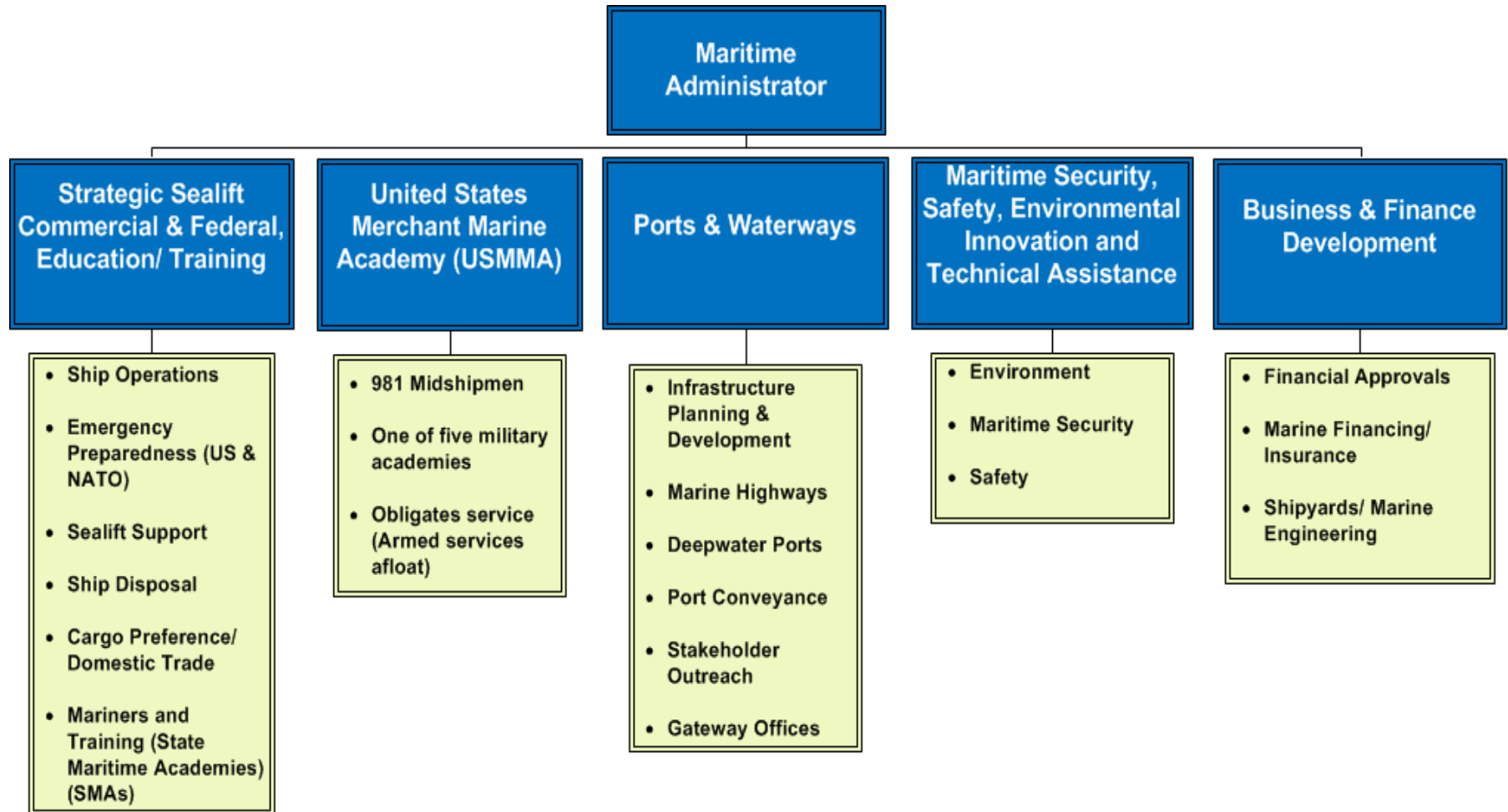
## U.S. Coast Guard (USCG)

- A branch of the military responsible under DHS that regulates the waterways, from ensuring safe and lawful commerce to performing rescue missions in severe conditions
- License U.S. merchant mariners



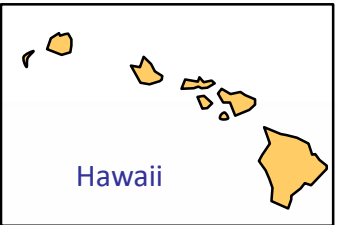
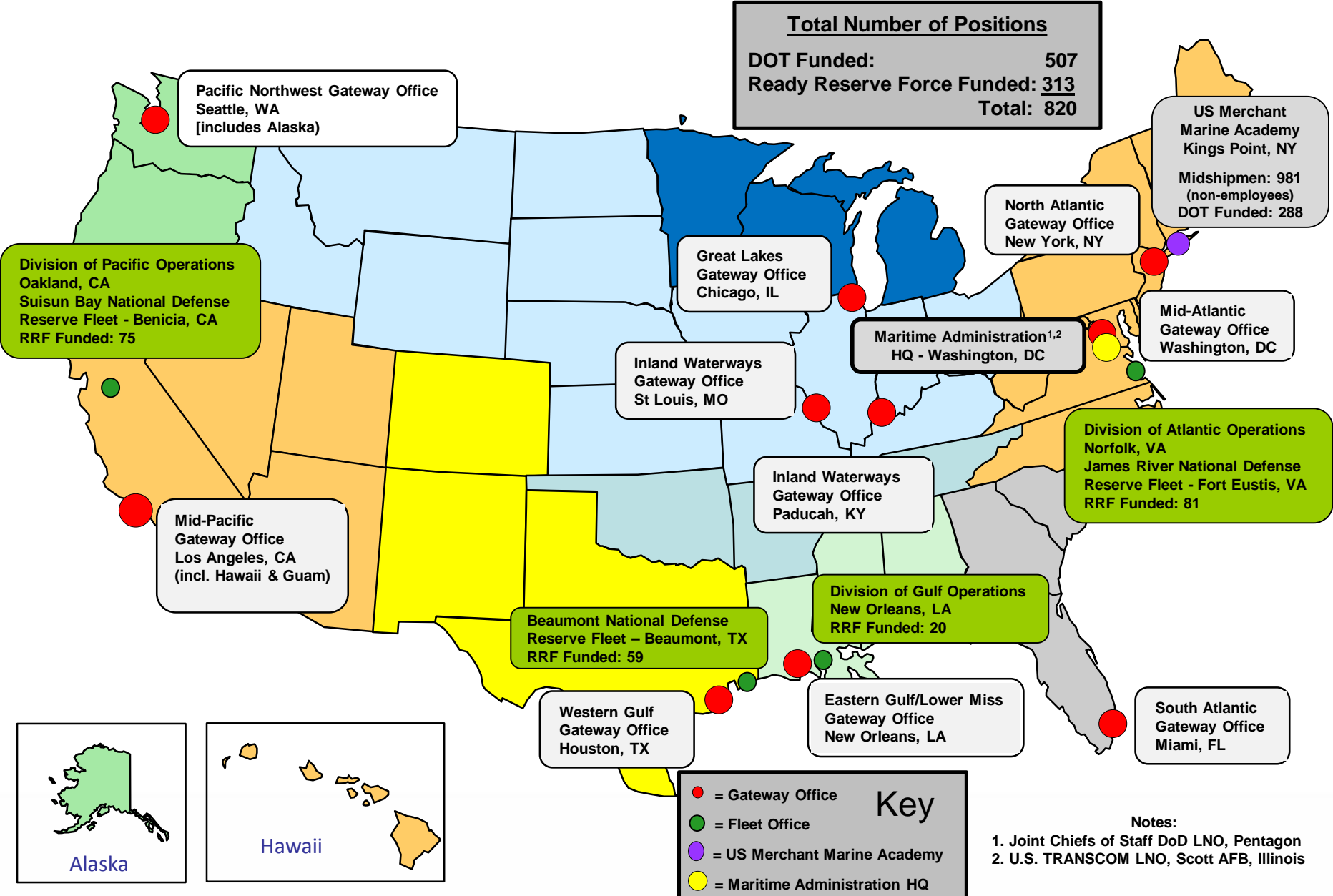
## Federal Maritime Commission (FMC)

- Regulates the U.S. international ocean transportation system for the benefit of U.S. exporters, importers, and the U.S. consumer, as an independent agency.
- Protects the public from financial harm, and contributes to the integrity and security of the U.S. supply chain and transportation system.
- Ensures competitive and efficient ocean transportation services for the shipping public.



# MARAD Main Locations

**Total Number of Positions**  
 DOT Funded: 507  
 Ready Reserve Force Funded: 313  
 Total: 820





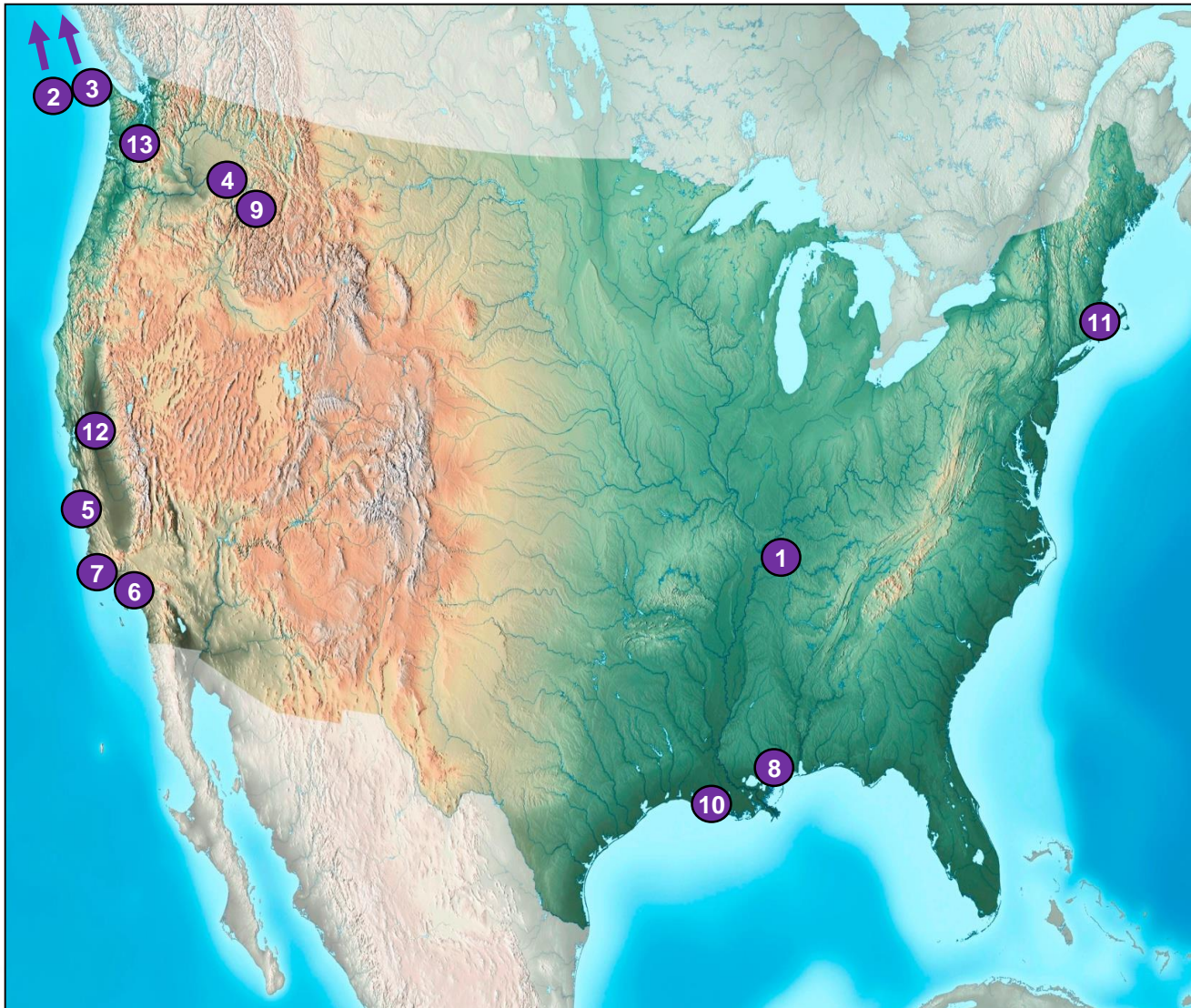
- **StrongPorts** Team works to educate ports about grant and financing opportunities within the Federal Gov't.
- **Infrastructure Development** Team serves as technical advisors to many of the programs, and administers grants for TIGER, FASTLANE and INFRA discretionary programs.
- **Deepwater Ports Licensing** Team leads a comprehensive Federal/State agency application review and decision process for the development of offshore import and export oil and natural gas facilities.
- **Port Conveyance** Team works to transfer surplus Federal property to States for development and enhancement of U.S. ports.
- **Marine Highway** Team works with manufacturers, vessel operators, and other public and private stakeholders to build economically competitive alternative supply chains that utilize our waterways.
- Manage the USDOT's maritime-focused FACA committee - the Maritime Transportation System National Advisory Committee (MTSNAC).

- Provide Port and Intermodal Planning Assistance
- Access Funding and Financing Options for Port Modernization and Expansion
- Educate re: P3 Opportunities
- Expand domestic movement of freight by waterborne transportation
- Administer Grants and Loans for Projects
  - These services are offered to Port Authorities, State Departments of Transportation, Metropolitan Planning Organizations, and Regional and Local communities.
  - Also offered to privately owned port terminal operators, vessel operators, export industry groups, manufacturers, and other stakeholders.



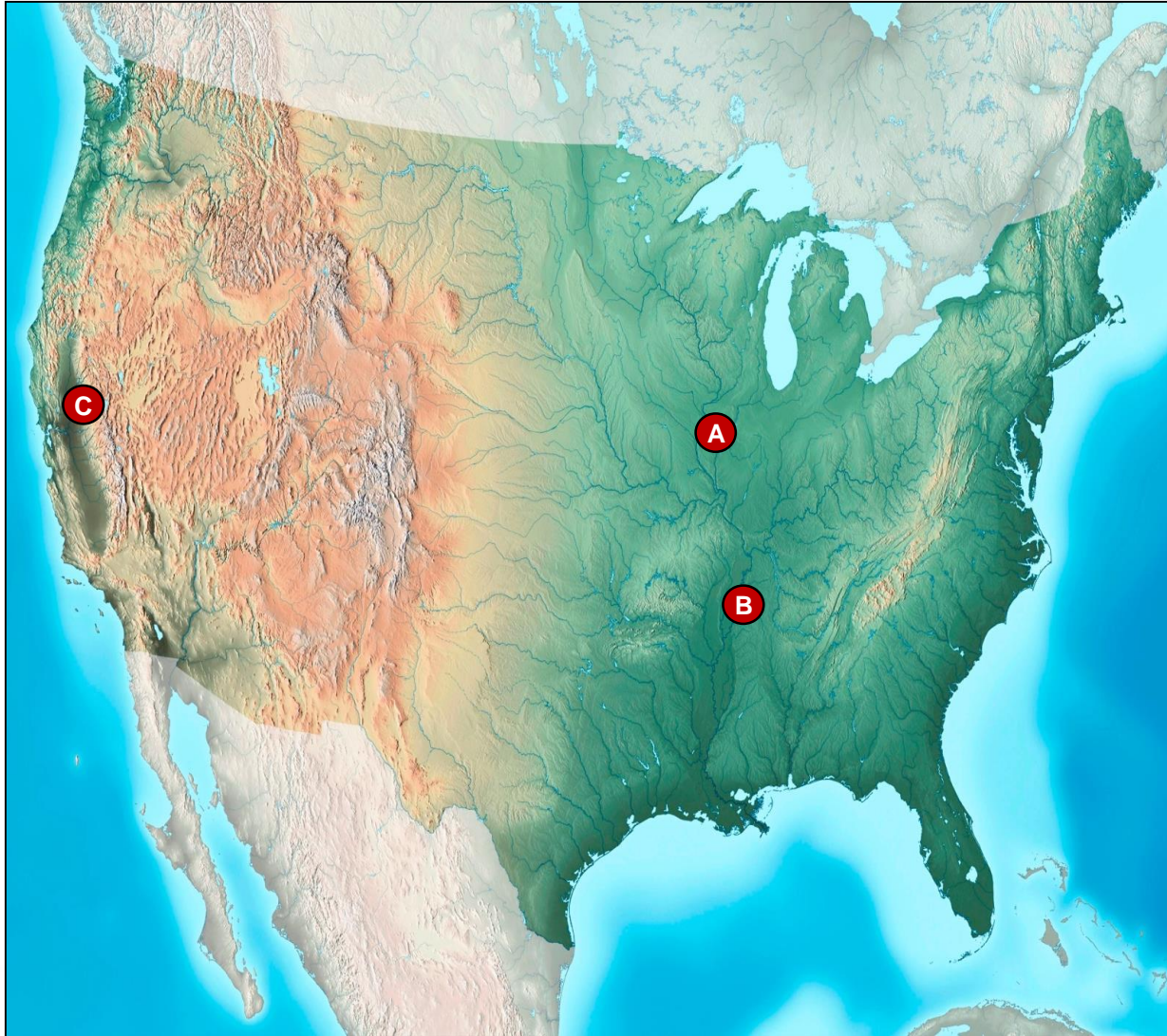
- Transfers surplus Federal real property to states and local governments at no cost for the development and enhancement of port facilities and intermodal terminals.
- The program is designed to create jobs and revitalize communities impacted by military base closures or other Federal actions, support the provision of port capacity and U.S. port infrastructure, improve goods movement, and meet future national defense needs.
- Since its inception in 1994, MARAD's Port Conveyance Program has transferred over 2,830 acres of former Federal property to facilitate the expansion of the nation's Marine Transportation System.
- Uses of transferred properties include development of intermodal transfer and warehousing stations to expedite intermodal cargo transfers at U.S. ports, enhancement of commercial boating and recreational facilities, and expansion of administrative office space.

# Locations of Conveyed and Approved Properties



- 1: America's Central Port**  
700 Acres: Granite City, IL
- 2: City of Dillingham**  
2.38 Acres: Dillingham, AK
- 3: City and Borough of Juneau**  
1.91 Acres: Juneau, AK
- 4: Port of Benton**  
71.15 Acres: Richland, WA
- 5: Port of Hueneme**  
33 Acres: Hueneme, CA
- 6: Port of Long Beach**  
407.35 Acres: Long Beach, CA
- 7: Port of Los Angeles**  
48.32 Acres: Los Angeles, CA
- 8: Port of New Orleans**  
12.87 Acres: Jefferson Parish, LA
- 9: Port of Pasco**  
2.16 Acres: Pasco, WA
- 10: Orange Co. Navigation & Port District**  
13.73 Acres: Orange, TX
- 11: Rhode Island Commerce Corporation**  
96 Acres: Davisville, RI
- 12: Port of Stockton**  
1,433 Acres: Stockton, CA
- 13: Port of Tacoma**  
9.03 Acres: Tacoma, WA

# Port Conveyance Program: Locations of Potential Properties



**A: Savanna Army Depot**  
Savanna, IL (Approx. 125.00 acres)  
Landholder: Department of the Army

**Interest: Upper Mississippi River  
International Port District**  
Use: Barge Fleeting & Recreation  
Availability: 2018

**B: Memphis Large Cavitation Facility**  
Memphis, TN (42.96 acres)  
Landholder: General Services Admin.

**Interest: Port of Memphis**  
Use: Transportation Facility/TBD  
Availability: 2018

**C: Sharpe Army Depot**  
Lathrop, CA (555.10 acres)  
Landholder: General Services Admin.

**Interest: Alameda County**  
Use: Transportation Logistics/Warehousing  
Availability: 2019

- Works with manufacturers, vessel operators, ports, and public and private stakeholders to **build economically competitive alternative supply chains that utilize our waterways.**
- Incorporates routes into the National Freight Strategic Plan and National Multimodal Freight Network for an integrated transportation system.
- **Administers grants to address capital risks and other obstacles to service development.**
- FY '10 - \$7M grant approp, 6 grants awarded
- FY '16 - \$5M grant approp, 6 grants awarded
- FY '17 - \$5M grant approp, 6 grants awarded
- FY '18 - \$7M NOFO currently published
- FY '19 - TBD



\* Includes 25,000 miles of waterways, rivers, coastlines and the Great Lakes

## Critical Elements

- Proposed Project is a service that is located on a designated Marine Highway Route
- A public/private partnership between ports, vessel operators (service provider), labor, and most importantly, shippers
- A solid business case including analysis of competing modes
- An efficient operational plan
- Adequate capital for start up and initial operations
- A coordinated promotion effort by key stakeholders
- Submitted to Secretary USDOT for Approval of Project Designation

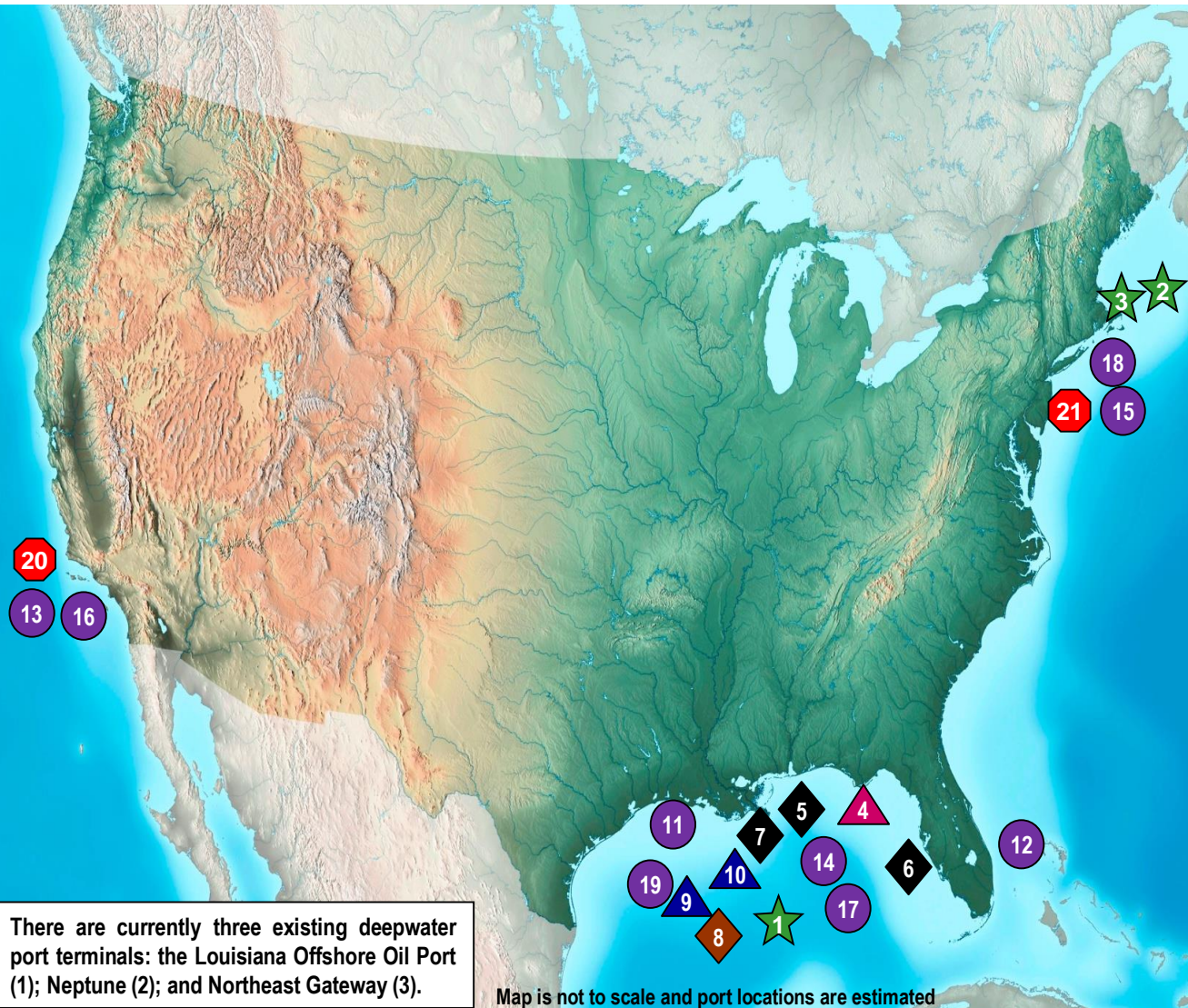




- Designed to streamline review and construction of liquid natural gas (LNG) and oil deep-water ports
- Promotes maritime commercial mobility needs, national security and environmental protection
- The Louisiana Offshore Oil Port (LOOP), a licensed deepwater port, is transitioning to add bi-directional import and export capability
- In 2017, MARAD approved the Delfin LNG proposal for construction and operation of an LNG export facility offshore Louisiana. License issuance expected in 2018



# Deepwater Port Location and Status Map



There are currently three existing deepwater port terminals: the Louisiana Offshore Oil Port (1); Neptune (2); and Northeast Gateway (3).

Map is not to scale and port locations are estimated

## Approved: Operational Facilities

1. Louisiana Offshore Oil Port (Oil [Import])
2. Neptune (LNG [Import])
3. Northeast Gateway (LNG [Import])

## Approved: License Issuance Pending

4. Delfin (LNG [Export])

## Approved: Surrendered Licenses

5. Gulf Landing (LNG [Import])
6. Port Dolphin (LNG [Import])
7. Port Pelican (LNG [Import])

## Approved: Decommissioned

8. Gulf Gateway (LNG [Import])

## Approved: Withdrawn After Record of Decision and Prior to License Issuance

9. Bienville (LNG [Import])
10. Main Pass Energy Hub (LNG [Import])

## Withdrawn Prior to Record of Decision

11. Beacon Port (LNG [Import])
12. Calypso (LNG [Import])
13. Clearwater Port (LNG [Import])
14. Compass Port (LNG [Import])
15. Liberty Natural Gas (LNG [Import])
16. Oceanway Secure Energy (LNG [Import])
17. Pearl Crossing (LNG [Import])
18. Safe Harbor Energy (LNG [Import])
19. Texas Offshore Port System (Oil [Import])

## Disapproved Prior to Record of Decision

20. Cabrillo Port (LNG)
21. Port Ambrose (LNG [Import])

- **Transportation Investment Generating Economic Recovery (TIGER) Discretionary**
  - Grants: Rounds I – VIII
    - MARAD administers port and marine highway related TIGER grant awards (construction and planning)
    - To date, 46 grants totaling \$566M awarded for \$1.5B in construction projects
    - Projects add capacity, modernize infrastructure, stimulate port project planning and improve freight efficiencies
- **Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies (FASTLANE) (2016/2017)**
  - MARAD administers port related FASTLANE grant awards (construction)
  - To date, 5 grants totaling \$130M awarded
  - Grants are used to assist ports with adding capacity, modernizing infrastructure, developing and improving freight efficiencies
- **New for 2017/2018**
  - MARAD will administer port related
    - INFRA grant awards
    - TIGER grants awarded
    - TIFIA loans awarded
    - RRIF loans awarded
    - Certain NHF Program grant awarded
    - Certain CMAQ grant awarded
  - Grants and loans will be used to assist ports with adding capacity, modernizing infrastructure, developing and improving freight efficiencies

- Marine Transportation System National Advisory Council (MTSNAC)
  - The Maritime Transportation System National Advisory Committee (MTSNAC) is a chartered, non-federal body that advises the U.S. Secretary of Transportation through the Maritime Administrator, on matters relating to the U.S. maritime transportation and its seamless integration with other segments of the transportation system, including the viability of the U.S. Merchant Marine.
  - The MTSNAC is comprised of 42 leaders from commercial transportation firms, port and water stakeholders, labor, and Federal, state and local public entities. The Committee does not exercise program management responsibilities and makes no decisions directly affecting the programs on which it provides advice. Decisions directly affecting implementation of maritime policy will remain with the Maritime Administrator and the Department of Transportation.
  
- U.S. Committee on the Marine Transportation System (CMTS)
  - Federal interagency maritime policy coordinating committee authorized in 2012 to assess the MTS; integrate MTS into other modes and environment; and to coordinate policy.
  - SECDOT chairs the CMTS. MARAD is a member of the sub-cabinet Coordinating Board (CB) along with over 25 Federal agencies and organizations. MARAD chairs the CB through July 2018.
  - The CMTS Executive Secretariat is hosted at the Maritime Administration.

- **MARAD's StrongPorts team provides port-related technical assistance to, and coordinates with, other federal agencies, including:**
  - State Department: operational review of port terminal agreements overseas
  - Treasury: CFIUS enquiries and Customs and Border Protection issues at ports
  - Department of Homeland Security: re: Port Security Grants and other port security related issues
  - US Army Corps of Engineers: discuss regional projects of mutual interest; for example, when a port receives assistance to expand berth capacity, we ensure the USACE is working with them on dredging needs.
  - USTRANSCOM: provide an analysis of intermodal connector construction plans that may impact planned ops at Strategic Ports
  - EPA: re: port related issues seeking to reduce environmental impacts of operations
  - NAVY Office of Intelligence & CIA: re: international port related issues



- The Maritime Administration has partnered with its Cargo Handling Cooperative Program for a pilot program to assess the cybersecurity capabilities of several selected small ports.
- The goal is to prepare finding based on an assessment structure which covers functional domains that comply with emerging federal government guidance on incorporating cybersecurity into port security programs.
- The assessment for each port will be accomplished through an on-site workshop.
- Each port will receive a detailed evaluation after completion of the workshop along with a post-workshop teleconference to discuss the findings.

StrongPorts link:

<http://www.marad.dot.gov/ports/strongports/>

*Through Planning & Engagement – Finance – Project Support*

Questions? Contact:

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