

Dredging Issues – US Ports Perspective

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American Association of Port Authorities

Representing Seaports of the Western Hemisphere for over 100 years!

- **AAPA was established in 1912**
- Since then, AAPA has been providing a space for collaboration and exchange of best practices
- Fostering collaboration among members and allied groups through:
 - Education and Training
 - Networking and one on one interaction
 - Legislative and Policy support for U.S. ports
 - Outreach



Topics

- **Ships, Channels and the Nations Economy**
- **Channel Maintenance**
- **Channel Improvement**
- **Performance Measures**
- **Education and Advocation**

Corps 'Systems' Approach

- **Watershed System**
 - Shared use of Water as a resource
 - Geographic focus
- **Freight Movement System**
 - Key user of US infrastructure
 - Economic focus
 - Supply Chain
 - Jobs
 - US economic growth in 21st century

Maritime role in U.S. Economy

- **95% of world population and 80% of consumption is outside of U.S.**
- **13 million family supporting jobs**
- **26% of GDP**
- **21st century U.S. economic growth tied to global trade**
- **Maritime infrastructure - Ports, ships, navigation channels are essential!**

Freight Movement



Port Director's Water-Side Perspective

- Can the ship get to dock and out to sea without delays, such as waiting for tide?
- Can the ship discharge/take on cargo to maximum efficiency, i.e. no draft restrictions?
- What's the risk of the ship bumping bottom?
- Are ships having problems with 2 way traffic, restricted to 1-way traffic?

Maintenance Dredging – Funding

- **Since ‘Earmarks Era’ ended in 2011**
- **Administration Budget Request for HMT work is up \$151M (20%)**
- **Congress programmatic funds for Navigation is up from \$123M in 2012 to \$330M in 2015 (168%)**
 - **Great, especially given focus on deficit and pressure on discretionary spending**
 - **‘Hit the HMT Target!’ campaign**
 - **Will this trend continue?**
 - **What are the results?**

Navigation Channel Improvements

- **PURPOSE:** Build 21st Century Infrastructure to address larger global shipping fleet
- **BUDGET:** \$81 million (lowest in 10+ years)
- **RECEIVE:** \$184 million (thanks, Congress!)
- **NEED:** \$300 million
- **RESULT:** Only 2 navigation channels presently being deepened with Federal funds
- **IMPACT:** Inefficient transportation, higher cost hurts US goods competitiveness in global marketplace

America's 21st Century Navigation Channels

US Harbors 45' or Greater



WRRDA 2014 Navigation Project Authorizations

America's 21st Century Infrastructure?

		Cost, \$ Million		
Name	Depth	Federal	Non-Fed	Total
1 Sabine Neches Waterway	48	\$748	\$366	\$1,114
2 Jacksonville Hbr, Milepoint	N/A	\$28	\$9	\$37
3 Savannah Harbor	47	\$492	\$214	\$706
4 Freeport Harbor	56	\$121	\$118	\$239
5 Canaveral Harbor	46	\$29	\$12	\$41
6 Boston Harbor	47	\$216	\$95	\$311
7 Lake Worth Inlet	39	\$58	\$31	\$89
8 Jacksonville Hbr Deepen	47	\$362	\$239	\$601
TOTAL:		\$2,054	\$1,084	\$3,138
FY16 Coastal Nav Const Budget:		\$81		
Completion at FY15 budget level:		25.3	Years (0 inflation)	

Performance Metrics

Channel Availability

- **We must show what is being accomplished with the dredging funds provided**
- **Is the Corps**
 - **Making progress on the backlog and improving channel availability?**
 - **Maintaining status quo?**
 - **Losing ground on dredging backlog and channel availability?**
- **Critical to future funds advocacy**

Performance Metrics

Dredging Funds

- **What percent of project funds are being applied to dredging contracts?**
- **The ‘United Way’ measure**
- **Comparison of Dredging to Military Construction w/fixed E&D and S&I**
- **This is important to future dredging funds advocacy**
- **Increasing competition for discretionary funds**

Performance Metrics

Placement Capacity

- **Critical to Corps accomplishing its navigation mission**
- **Communicate how close to mission failure at active projects**
- **Need a national baseline**
- **Could enable programmatic funding for DMMP's**

Performance Metrics

Beneficial Use of Dredged Material

- **Dredged material is a resource, not a waste product**
- **Need to be able to quantify how material is being used**
- **Goal is to have environmental interests join our funding advocacy efforts**
- **Can we use Navigation Data Center data?**

Education and Advocacy

- Corps educates
- AAPA, DCA and other stakeholders advocate
- ‘Hit the HMT Target!’ campaign
- ‘Nav 1 Number’ campaign



AAPA
www.aapa-ports.org

\$2.755B FY16
CORPS NAVIGATION PROGRAM

Essential dredging, maintenance, construction and studies for:

- Competitive ports
- Stronger infrastructure
- More U.S. jobs
- Economic growth

The graphic shows a large cargo ship docked at a port with various infrastructure elements like cranes, trucks, and buildings.

'Hit the HMT Target!' Campaign

TARGETS

- FY 2015 67% of FY 2014
- FY 2016 69% of FY 2015
- FY 2017 71%
- FY 2018 74%
- FY 2019 77%
- FY 2020 80%
- FY 2021 83%
- FY 2022 87%
- FY 2023 91%
- FY 2024 95%
- FY 2025+ 100%

Water Resources and Reform Development Act (WRRDA) of 2014, Section 2101



\$2.755 billion for 2016 Corps Navigation Program

	2016 Nav Stakeholders	2015 Cromnibus	2016 Pres Bud	Remarks
Coastal & Inland Navigation Investigations	\$50 M	\$38 M	\$25 M	Complete WRRDA studies in 3 years
Coastal Navigation Construction	\$300 M	\$184 M	\$81 M	For WRRDA channel improvements
Inland Navigation Construction	\$360 M	\$300 M	\$240 M	Inland Waterway Trust Fund full use
Coastal Navigation O&M (Harbor Maintenance Tax)	\$1.25 B	\$1.12 B	\$871* M	Hits WRRDA Target *Total HMT \$915; \$44 of Const is HMT
Coastal Navigation O&M (Donor & Energy Ports)	\$50 M	\$0	\$0	WRRDA Section 2106
Inland Nav O&M	\$700 M	\$661 M	\$691 M	
MS River & Trib	\$45 M	\$45 M	\$38 M	Construction & O&M
Total	\$2.755 B	\$2.348 B	\$1.948 B	

Freight Movement focus in Surface Transportation Bill

- Congress finalizing a 6-year bill
- Senate DRIVE Act provides \$11.65 billion for a national freight program, including 10%, \$1.16 billion, for multimodal connections, including ports.
- House provides \$4.5 billion in grant funding for nationally significant freight and highway projects, including work at ports.
- Port Performance Measures (navigation channels?)
- Ports want to see Corps and DoT leaders align on freight movement

AAPA 2016 Presidential and Congressional Elections

- Provide information to Campaigns and Ports
- Convey importance of ports to the Nations economic future
- Identify Federal investment needs
- Seek commitments
- Stretch goal is a debate question:

What are your plans to build America's 21st century seaport infrastructure?

Infrastructure ...



What do we want the U.S. 21st Century Infrastructure to be?



1960's



2015

???

2040

Summary – Seeking your support

- America's economic growth depends on trade
- We must focus on building and maintaining 21st century infrastructure
- Freight System – Water and Surface Transportation
- 'Nav 1 Number'
- Hit the HMT Target!
- Performance measures



Thanks for all you do!