

# U.S. Army Corps of Engineers Navigation Fiscal Program Update

## *National Dredging Meeting*

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May 11, 2016

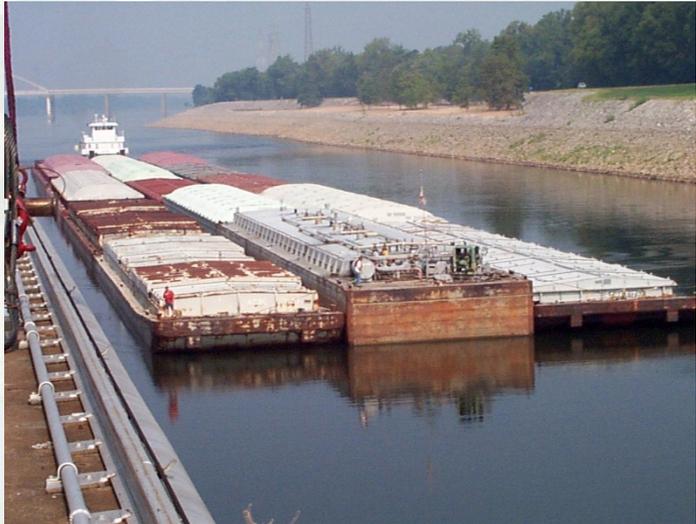


US Army Corps of Engineers  
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# Corps Navigation Mission

Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.



# USACE Navigation Assets

## COASTAL NAVIGATION

1,067 Navigation projects  
19 Lock chambers  
13,000 Miles of channels  
929 Navigation structures  
844 Bridges

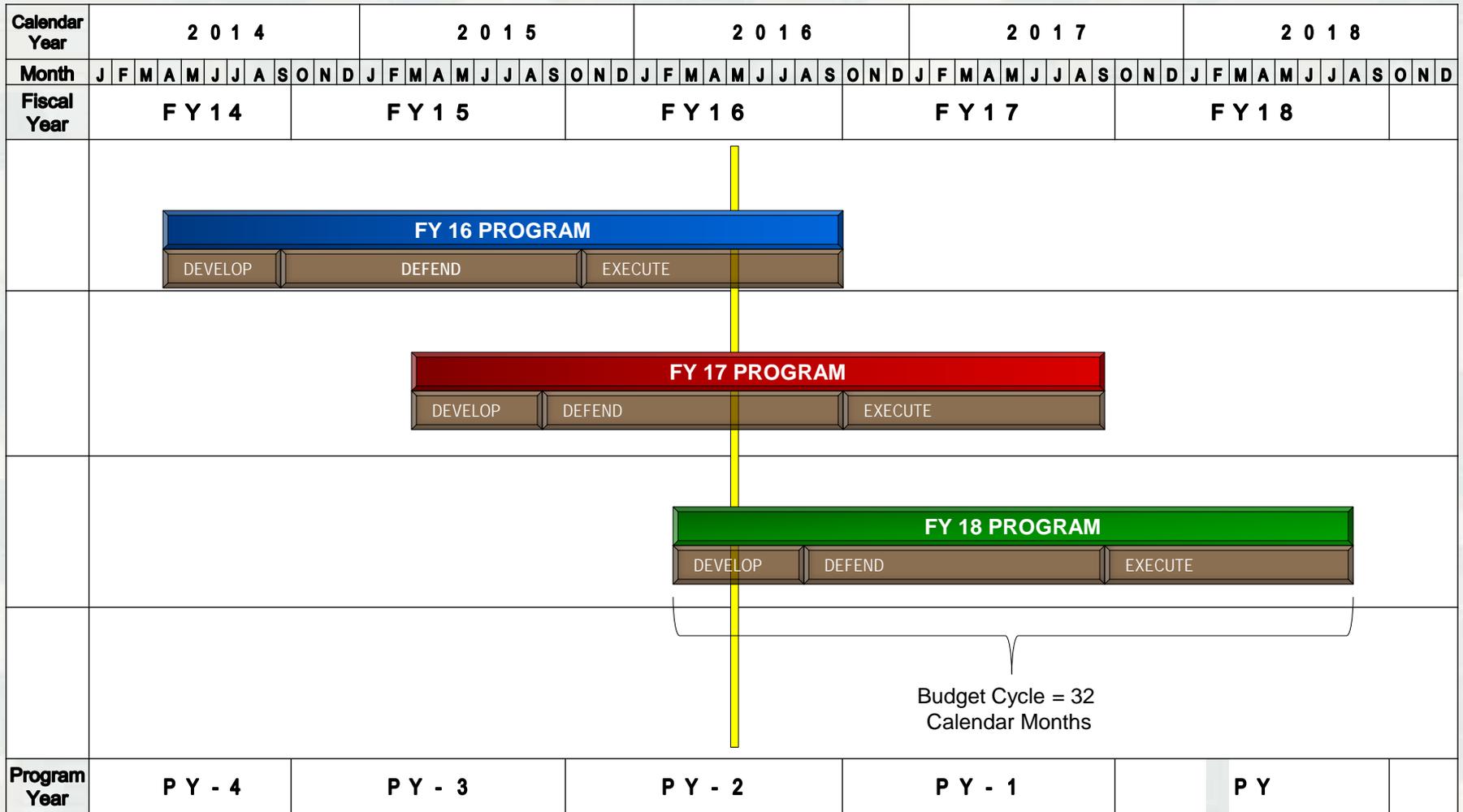


## INLAND NAVIGATION

27 Inland River Systems  
207 Lock chambers @ 171 lock sites  
12,000 Miles of inland river channels



# CW Program/Budget Timeline



PY = CFY + 2

NOW



# FY 17 Budget

- Budget is performance based.
- Focuses on highest performing projects and programs with high economic (BCR  $\geq$  2.5 @ 7%), environmental, and public safety returns to the nation.
- Emphasizes operation and maintenance of infrastructure to address critical needs and provide a reliable and resilient system.
- Provides a fiscally prudent investment in Nation's water resources infrastructure making tough decisions to put the nation on a fiscally prudent path.
- Navigation focuses high risk to mission on high commercial use coastal harbors and channels with > 10 million tons of commerce; and inland and intracoastal waterways with > 3 billion ton-miles of commerce.
- 10 % of HMTF to emerging harbors and Great Lakes.



# President's Budgets

(\$millions)

Pres Bud	Coastal	Inland	Nav	CW total	Nav Percent
FY 17	\$1,017	\$917	\$1,934	\$4,620	42%
FY 16	\$973	\$974	\$1,947	\$4,732	41%
FY 15	\$991	\$834	\$1,825	\$4,561	40%
FY 14	\$980	\$904	\$1,884	\$4,826	39%
FY 13	\$967	\$780	\$1,747	\$4,731	37%
FY 12	\$832	\$744	\$1,575	\$4,631	34%
FY 11	\$873	\$779	\$1,652	\$4,939	33%
FY 10	\$971	\$796	\$1,767	\$5,125	35%
FY 09	\$969	\$931	\$1,900	\$4741	40%



# Navigation Budget by Account

(\$millions)

Pres Bud Fiscal Yr	Investigations	Construction	O&M	MR&T	Total Nav
<b>FY 17</b>	<b>\$22</b>	<b>\$348</b>	<b>\$1,527</b>	<b>\$37</b>	<b>\$1,934</b>
<b>FY 16</b>	<b>\$25</b>	<b>\$321</b>	<b>\$1,563</b>	<b>\$38</b>	<b>\$1,947</b>
<b>FY 15</b>	<b>\$22</b>	<b>\$277</b>	<b>\$1,487</b>	<b>\$39</b>	<b>\$1,825</b>
<b>FY 14</b>	<b>\$23</b>	<b>\$345</b>	<b>\$1,461</b>	<b>\$55</b>	<b>\$1,884</b>
<b>FY 13</b>	<b>\$25</b>	<b>\$352</b>	<b>\$1,326</b>	<b>\$44</b>	<b>\$1,747</b>
<b>FY 12</b>	<b>\$18</b>	<b>\$283</b>	<b>\$1,237</b>	<b>\$37</b>	<b>\$1,575</b>
<b>FY 11</b>	<b>\$19</b>	<b>\$291</b>	<b>\$1,297</b>	<b>\$45</b>	<b>\$1,653</b>
<b>FY 10</b>	<b>\$19</b>	<b>\$288</b>	<b>\$1,411</b>	<b>\$48</b>	<b>\$1,767</b>
<b>FY 09</b>	<b>\$20</b>	<b>\$495</b>	<b>\$1,346</b>	<b>\$39</b>	<b>\$1,900</b>



# Coastal Navigation Budget

(\$million)

Pres Bud	Investigations	Construction	O&M	MR&T	Total Coastal
<b>FY 17</b>	<b>\$14</b>	<b>\$105</b>	<b>\$896</b>	<b>\$2</b>	<b>\$1,017</b>
<b>FY 16</b>	<b>\$18</b>	<b>\$81</b>	<b>\$872</b>	<b>\$2</b>	<b>\$973</b>
<b>FY 15</b>	<b>\$17</b>	<b>\$97</b>	<b>\$875</b>	<b>\$2</b>	<b>\$991</b>
<b>FY 14</b>	<b>\$16</b>	<b>\$108</b>	<b>\$853</b>	<b>\$2</b>	<b>\$980</b>
<b>FY13</b>	<b>\$17</b>	<b>\$151</b>	<b>\$797</b>	<b>\$2</b>	<b>\$967</b>
<b>FY12</b>	<b>\$7</b>	<b>\$117</b>	<b>\$706</b>	<b>\$2</b>	<b>\$832</b>
<b>FY11</b>	<b>\$9</b>	<b>\$115</b>	<b>\$747</b>	<b>\$2</b>	<b>\$873</b>
<b>FY10</b>	<b>\$16</b>	<b>\$119</b>	<b>\$834</b>	<b>\$2</b>	<b>\$971</b>



## Additional FY 16 Funds for Navigation in Division D – E&WD, Omnibus Appropriations Act, 2016 (\$millions)

■ <b>Investigations</b>	<b>\$ 11.3</b>
■ Navigation	\$ 1.3
■ Coastal and Deep Draft	\$ 5.0
■ Inland	\$ 5.0
■ Small, Remote, or Subsidence	\$ 0.0
■ <b>Construction</b>	<b>\$273.2</b>
■ Navigation	\$211.2
■ Inland Waterways Trust Fund	\$ 55.0
■ Navigation Program (Section 107)	\$ 7.0
■ <b>MR&amp;T O&amp;M Dredging</b>	<b>\$ 8.1</b>



## Additional FY 16 Funds for Navigation in Division D – E&WD, Omnibus Appropriations Act, 2016 (\$millions)

- **O&M** **\$391.53**
  - Navigation \$ 23.53
  - Deep Draft Harbor & Channel \$250.0
  - Inland Waterways \$ 45.0
  - Small, Remote, or Subsidence \$ 48.0
  - Donor & Energy Transfer Ports \$ 25.0
  
- **Total Additional Navigation Funding ~\$684**

<http://www.usace.army.mil/Missions/CivilWorks/Budget.aspx>



# Additional FY 17 Funds for Navigation in Appropriations Bills (\$millions)

	House	Senate
▪ <b>Investigations</b>	<b>\$ 13.5</b>	<b>\$ 15</b>
▪ Navigation	\$ 1.5	\$ 5
▪ Coastal and Deep Draft	\$ 6	\$ 5
▪ Inland	\$ 6	\$ 5
▪ Small, Remote, Subsidence	\$ -	\$ -
▪ Remaining Items	\$ ?	\$ ?
▪ <b>Construction</b>	<b>\$327.75</b>	<b>\$309.699</b>
▪ Navigation	\$245	\$227.374
▪ Inland Waterways TF	\$ 75.25	\$ 75.325
▪ Section 107	\$ 7	\$ 7
▪ Section 111	\$ 0.5	\$ -
▪ <b>MR&amp;T O&amp;M Dredging</b>	<b>\$ 9.5</b>	<b>\$ 8.09</b>



# Additional FY 17 Funds for Navigation Appropriations Bills (\$millions)

	House	Senate
▪ <b>O&amp;M</b>	<b>\$394.8</b>	<b>\$425.728</b>
▪ Navigation	\$ 25.3	\$ 23.528
▪ Deep Draft Harbor & Channel	\$258	\$250
▪ Inland Waterways	\$ 48	\$ 45
▪ Small, Remote, Subsidence	\$ 50	\$ 48
▪ Donor & Energy Ports	\$ 10	\$ 50
▪ Remaining Items	\$ 3.5	\$ 9.2
▪ <b>Total Additional Funding</b>	<b>\$745.55</b>	<b>\$758.517</b>



# FY 2017 Energy & Water Development Appropriations Bill Navigation Provisions

- House
  - ▶ 6 new study starts and 4 new construction starts
  - ▶ Provides estimated \$1.263 billion for HMTF projects
  - ▶ Rejects Administration proposal for vessel use fee on inland waterways
  - ▶ Funds distribution for Donor Ports and Energy Transfer Ports
  - ▶ Collect information of pipelines
  - ▶ Language on open water placement



# FY 2017 Energy & Water Development Appropriations Bill Navigation Provisions

- Senate
  - ▶ 5 new feasibility and 8 new construction starts
  - ▶ Expedite review of export terminals
  - ▶ Language on open water placement
  - ▶ Allocation to Donor Ports



# Navigation Challenges

- Constrained funding - can't maintain authorized/constructed channel dimensions and critical infrastructure
- Funding for low commercial use projects
- Increased cost of doing business
- Aging infrastructure
- Behind in channel depths
- Environmental Issues
  - ▶ Air and water quality requirements
  - ▶ Threatened, endangered, and invasive species
  - ▶ Dredging windows



# ***Stakeholders and Partnering***

- Leverage Efforts
- Understand and communicate Civil Works Value to Nation
- Find consensus on Major Initiatives
  - Identify Funding to Reach Outcomes
  - Engage in Dialogue
- Be mutually supportive
- Shared Messages
- Involve & Engage End-Users
- Seek to Influence Decision-Makers



# Navigation Message

- Navigation funding is essential for the Nation's global trade and maintaining competitiveness
- America's Marine Transportation System infrastructure must become a National priority in order to get adequate funding
- Need national commitment to shipping, global trade and navigation infrastructure
- Navigation funding is key to Economy, Jobs, and Exports!



# **QUESTIONS?**

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