TOM PHILPOTT

NATIONAL WATERWAYS
CONFERENCE,
WASHINGTON, D.C.
MARCH 5-6, 2019

Thomas P. Smith, PE, SES
Chief, Operations and Regulatory
Division
HQ U.S. Army Corps of Engineers
Washington, D.C.
6 March 2019

World-Class Delivery…
Real-World Impact!

US Army Corps of Engineers®
AGENDA

• NAVIGATION
  • Inland Waterways
  • Coastal Waterways
  • Contingency Response
• SECTION 1122 BENEFICIAL USE OF DREDGE MATERIAL
• HYDROPOWER
• WATER SUPPLY
• REGULATORY STREAMLINING
U.S. PORTS AND INLAND WATERWAYS: VITAL TO OUR NATIONAL ECONOMY

2 Billion Tons of domestic and import/export cargo annually

Map showing U.S. ports and inland waterways with various symbols indicating the volume of cargo handled.

Legend:
- Red: Over 100 Million Tons
- Purple: 50 - 100 Million Tons
- Cyan: 25 - 50 Million Tons
- Yellow: 10 - 25 Million Tons

Additional locations marked:
- Barbers Pt
- Honolulu
- Valdez
• U.S. Marine Transportation Industry Supports ~ $2 Trillion in Commerce Annually

• More than 48% of Consumer Goods Bought by Americans Pass Through Harbors Maintained by Corps.

• Over 1.3 Billion Short Tons of Foreign Goods Moved Through U.S. Ports/Waterways in 2015

• Over 900 Million Short Tons of Domestic Goods Moved Thru U.S. Ports/Waterways in 2015

• 15% of U.S. Domestic Freight Carried by Water

• 239 Lock Chambers at 193 sites

• 13,000 Miles of Coastal and Deep Draft Channels

• 12,000 Miles of Commercial Inland and Intracoastal Waterways

• 1,067 Coastal, Great Lakes and Inland Harbors

• 40 States are directly served by USACE Channels & Waterways

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

- Synchronized maintenance
- System and Component Standardization
OLMSTED LOCKS & DAM

• Operational SEP 2018
• Construction completion projected through FY 21 (removal of L&D 52)

Extreme High Water Impacting construction completion and navigation
CAPITAL INVESTMENT OPPORTUNITIES

Gulf Intracoastal Waterway - Calcasieu Locks - Brazos Floodgates - IHNC - Bayou Sorrel

Illinois Waterway L&Ds - LaGrange - Peoria - TJ O'Brien - Dresden Island

Upper Mississippi L&Ds - 25, 24, 22, 21, 20

Upper Ohio L&Ds - Montgomery - Emsworth - Deshields

Ohio River L&Ds - JT Myers - Greenup
Port Deepening Projects/Studies

- Current Depth
- Authorized/Not Complete
- Study Underway
- Construction Underway
Coordinated USACE Response to Southwest Pass Shoaling Projected through JUN 2019
USACE Hopper Dredge Overview (4 MAR 2019)

Maintenance/Repairs:
- Yaquina
- Essayons

Idle:
- Atchafalaya
- Westport

Private
- B.E. Lindholm

Current 1 February 1 March

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MVD- Southwest Pass, LA
- Wheeler
- Newport
- Glenn Edwards (-) 4 MAR
- McFarland (-) 8 MAR
- Terrapin Island
- Stuyvesant (+) 7 MAR
- Calcasieu River & Pass, LA
- Columbia

SAD-Charleston, SC(2):
- Ellis Island
- SE Regional(2):
  - Dodge Island
  - Padre Island
- Jupiter, FL (Private)
  - B.E. Lindholm
- Mayport, FL
  - Liberty Island
  - Kings Bay, FL
- Stuyvesant (-) 4 MAR
- Bayport

NAD- Manasquan, NJ:
- R.N. Weeks
- Magdalen

SWD-Galveston, TX
- (+) 4 MAR
 SECTION 1122 OF WRDA 2016

BENEFICIAL USE OF DREDGED MATERIAL PILOT PROGRAM

• Section 1122 of WRDA 2016 requires the Corps of Engineers to establish a pilot program consisting of 10 projects for the beneficial use of dredged material.

“...the Secretary shall carry out the pilot program in a manner that...”

• **Maximizes the beneficial placement** of dredged material from Federal and non-Federal navigation channels;

• **Incorporates**, to the maximum extent practicable, **2 or more** Federal navigation, flood control, storm damage reduction, or environmental restoration projects;

• Coordinates the mobilization of dredges and related equipment, including **through the use of such efficiencies in contracting and environmental permitting as can be implemented under existing laws and regulations**; **Fosters** Federal, State, and local **collaboration**;

• **Implements best practices** to maximize the beneficial use of dredged sand and other sediments;

• Ensures that the use of dredged material is **consistent with all applicable environmental laws**.

*WRDA 2016 is an authorizing document and does not provide appropriations*
OVERVIEW OF USACE SEC 1122 SELECTION PROCESS

0
Regional Teams at USACE Divisions completed standard Facts Sheets and Checklists*

- LRD (5)
- NAD (16)
- POD (2)
- SPD (7)

- MVD (22)
- NWD (12)
- SAD (23)
- SWD (8)

-95 Submittals

1a
5 HQ Reviewers used the Project Facts Sheets and Checklists to independently evaluate each proposal using standard criteria for Statutory Purposes & Considerations

1b
HQ Reviewers identified projects as having consistently high scores for meeting considerations of the Statute

2
HQ Experts assessed Statutory Environmental, Economic, Social Benefits; HQ Review Team applied project and geographic diversity to identify 10 pilots

* Templates for the Project Fact Sheets and Project Checklists were provided with the Implementation Guidance made available to all applicants with the Federal Register Notice
Proposal Summary:
• 95 Proposals received
• 29 states and one territory (Puerto Rico)
• From all Major Subordinate Commands
• All major water bodies
• Variety of project purposes, beneficial use techniques, and benefit types
• Projects varied significantly in scope
• Varying level of detail provided in proposals

WRDA 2016 SEC 1122 PILOT PROJECTS
Providing the greatest energy return on the Nation’s investment in reliable and renewable hydropower.

Challenges Being Addressed through Federal Hydropower Council

- Acquisition and Delivery
- Joint Costs Allocation and Charging Practices
- Water Storage Reallocation and Crediting
- Efficiencies and Cost Reduction in Operations and Maintenance
CURRENT STATUS OF WATER SUPPLY RULE

• Published the proposed rule to update and clarify the Corps’ policies governing water supply uses of reservoirs operated by the Corps

• Proposed rule is administrative in nature, and applies only to Corps actions

• It is not intended to interfere with State or Tribal prerogatives to allocate water rights, or with authorities of other federal agencies.

• Recognizes its Federal Tribal Trust responsibility and is responding to the tribes’ request for consultation.

• Tentative schedule is to complete a final rule by August 30th, 2019.
REGULATORY MISSION

To protect the Nation’s aquatic resources and navigation, while allowing reasonable development through fair and balanced decisions.

END STATE: Timely and transparent regulatory decisions, rooted in sound science and compliant with applicable laws.
STREAMLINING PERMITTING

USACE Program Execution

- 56,000 written authorizations
  - 95% General Permits
    (84% verified w/in 60 days)
  - 5% Individual Permits
    (58% issued w/in 120 days)
- 27,000 jurisdictional determinations
- Nationwide and Regional General Permits are an important efficiency…and environmental protection tool

Data from FY 18

USACE Streamlining Initiatives:

- Lead District established with “single point of contact” for projects crossing multiple states and districts
- Synchronized Section 404/10 and Section 408 Strategy
- Section 408 decisions delegated to districts; reduced scope of project reviews
- RGL allowing mitigation credits dam removal and culvert replacements
- RGL clarifying mitigation bank credits releases and service area criteria
- OFD Implementation Guidance
- Re-issuing RGL 88-09: permits to sponsors that construct USACE-designed projects
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THANK YOU
Hydrographic Record from 2018

2018-2019 Stage versus 2013-2017 Average Stage