Regional Dredging Overview

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Vicksburg, Mississippi
Mississippi Valley Division (MVD)

1 of 9 Division Commands
6 District Offices
4,500+ employees
National Dredging Volume (277.1 MCY FY 19)

- MVD: 119 Million Cubic Yards (43%)
- Total Corps: 277.1 Million Cubic Yards

Dredging Costs (FY 19)
- MVD: $368 Million (16%)
- Total Corps: $2,307 Million

MVD Dredge Fleet
- Wheeler – Hopper – MVN
- Potter – Dustpan – MVS
- Hurley – Dustpan – MVM
- Jadwin – Dustpan – MVK
- Goetz – Cutterhead – MVP

Plus 20 – 30 Dredging Contracts with Private Sector Per Year

2015-2019 Average by Yardage
- Upper MS River: 3%
- Middle MS River: 5%
- Lower MS River: 6%
- Deep Draft MS River: 86%

2015-2019 Average by Cost
- Upper MS River: 12%
- Middle MS River: 7%
- Lower MS River: 9%
- Deep Draft MS River: 72%
Typical Dredging Reaches and Types

Primary Dredge Types

- Cutterheads
- Dustpans
- Hoppers
- Some Buckets

Pooled Reaches - Controlled

Open River Reaches – Wide and Shallow Draft

Deep Draft Reaches
Regional Shallow Draft Challenges

Dredge Material Management Plans, Including Federal Standard

Dynamic System

Victoria Bend

Harbor Dredging

Dredge Hurley

MS River Stages @ Vicksburg
2010 - 2020

Port & Lake Roanoke

BUILDING STRONG®
Regional Deep Draft Challenges

High Water Shoaling
Increasing Ship Sizes
Regional Deep Draft Challenges

Disposal of Dredged Material….
More Beneficial Use Opportunities
Challenges – Increasing Cost

LONG-TERM CONTINUING ANALYSIS OF DREDGING DATA
U.S. ARMY CORPS OF ENGINEERS DREDGING PROGRAM

- Dollars (in millions)
- Cubic Yards (in millions)

Fiscal Year (1963 - 2019)