

Future Dredging Program

National Dredging Meeting

Jim Walker
Nav Branch Chief
HQ, U.S. Army Corps of Engineers

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Background

- Dredging goals:
 - Maximize funds spent on moving material
 - Optimize use of dredging equipment
 - Optimize Contracting process development – time and cost
- Initial Dredging Contract Process conf call on 21 Apr



Which Path?

STATUS QUO

- Declining Funds
- Declining Purchasing Power
- Reduce inventory of maintained channels
- Scope jobs to available funds
 - Reduced Depth
 - Reduced Width



Which Path?

FULL HMTF

- Double the program
- New Capital investments in equipment
- Better Maintained Channels
- More Maintained Channels
- More Beneficial Use of Dredged Material



Assess Our Inventory

- How many of the nearly 1000 navigation projects are we actively maintaining?
- Criteria:
 - Last Dredged
 - Last Appropriation
 - Current Environmental Clearances
 - Active Non-Federal Sponsor
- Results reviewed by Sponsor, then Congress



Full Project Maintenance

- What would it take to fully maintain these projects?
- This helps answer the question:
- How much of the HMTF do you need?



Beneficial Use

- What percent of maintenance dredging is presently being beneficially used?



Dredged Material Placement

- How long until we can not maintain the channels due to lack of adequate material placement?
- Current material placement capacity
- Plan for increased dredged material under HMTF
- Appropriate use of Advanced Maintenance Dredging



Dredging Characteristics Review

- What are the dredging characteristics of present maintenance? Future maintenance?
- Dredging depth
- Pumping distance
- Dredged material placement method
- Environmental parameters? GHG



Summary

- Work needed on Plan A and Plan B
- Demonstrate the channel availability of current funding shows the criticality of full HMTF
- Inform Nav Stakeholders of results
- What do we expect from the next generation of dredging equipment?
- Develop this info to inform contractor decisions on capital investments for new dredging equipment

