

Dredge Clearance Hydrographic Survey Assessment and Reporting

Status Update

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US Army Corps of Engineers
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Presentation Outline



Background



Product Delivery Team



Identified Areas of Concern



Activities



Summary



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Background

USACE/Industry Partnership est. under General Riley;
Several topics needed consensus - 1 was hydrographic surveys

Guidance for USACE drafted

Reviewed by USACE Survey CoP and Industry

Review needed by Navigation Managers



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Product Delivery Team

- Eddie Wiggins (ERDC)
- Dave Gordon (MVS)
- John Tavolaro (NAN)
- Liz Smock (NWP)
- Jim Adair (POA)
- Steve Reid (SAM)
- Terrell Smith (SWG)
- Barry Vessels (LRL)



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Identified Topics of Concern

Solicitations

- Based on old surveys
- Quantities in specs vs. depths shown on plans

Contracting Practices

- Communication rules
- Greater flexibility needed
- Personnel requirements (PE/PLS)

Volume computations

- Inconsistent templates



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Identified Topics of Concern

AD surveys

- Timing of survey
- Appropriate survey frequency
- Survey reporting time
- Apprehensive of multi-beam requirement

Depth depiction and reporting

- Implied accuracy and precision
- Rounding issues
- How to best convey availability to public
- How to utilize and report uncertainties



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Activities

PDT members

- Barry Vessels – survey sharing
- Dave Gordon – channel condition reporting
- John Tavolaro – rounding
- Steve Reid – frequencies
- Terrell Smith – timing of surveys

Next Steps

- Coordinating with project datums PDT and Bob Mann
- Collaborate with DCA and USACE Survey Cop to ensure all significant issues have been addressed
- Recommendations from this PDT to Jim Walker this FY



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Summary

Minimize inconsistencies

Provide input to Jim Walker this FY

Communicate and collaborate to ensure success



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