Great Lakes Navigation System
Dredging Update

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Great Lakes Navigation Team

November 13, 2012
Corps Great Lakes Navigation Funding Status
FY 13 President’s Budget
Great Lakes Navigation

$85.9M O&M
$7M CG (Green Bay Cat Islands DMDF)

Key Items in FY13 President’s Budget
$31.0M in Dredging (2.4M cubic yards)
$12.0M in Dredged Material Management
$3.1M in Soo Asset Renewal
FY13 Corps Funding Status

- Congress has not passed an appropriations bill for FY13.
- The Corps is operating under a Continuing Resolution Authority (CRA), with funding levels no greater than FY12.
- Projects that did not receive funding in FY12 are not eligible for funding under the CRA.
- It is possible that we will have a year-long CRA in FY13.
FY13 Dredging Requirements

Lake Superior

Lake Michigan

Lake Huron

Lake Erie

Lake Ontario

Commercial
Recreational
FY13 Funded Dredging
FY13 Unbudgeted Dredging Need
Harbors Affected by Hurricane Sandy

- Burns Waterway
- Waukegan
- Huron
- Sandusky
- Cleveland
- St. Joseph
- Muskegon
- Holland

- Supplemental funds for emergency dredging are possible – will compete with many needs in the northeast
# Lake Superior Water Levels - November 2012

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**Legend**

- **Red Line**: Average
- **Magnitude**: 1985
- **Maximum**: 1985
- **Minimum**: 1973

*The Average, Maximum and Minimum for period 1918-2011*
WRDA 2000 Section 343 Authority

• The Corps has the authority to dredge below project depths under certain circumstances

• WRDA 2000 Section 343:
  (b) Dredging Levels.--In operating and maintaining Federal channels and harbors of, and the connecting channels between, the Great Lakes, the Secretary shall conduct such dredging as is necessary to ensure minimal operation depths consistent with the original authorized depths of the channels and harbors when water levels in the Great Lakes are, or are forecast to be, below the International Great Lakes Datum of 1985.

• This provides authority; O&M funding for the additional dredging would also be needed
Backlog Growth Under Constrained Dredging Funding 2012-2017

Dredging Backlog Grows to 23M CY by 2017

Assume FY13-FY17 Ann. Dredging Equal to FY13PB Level of 2.4M CY
Dredging Funding Trends 2007 - 2013

- FY12 Nat’l Provision
- ARRA (Stimulus)
- L. Superior Regional Provisions
- Michigan Regional Provision
- Commercial Regional Provisions
- Energy & Water Adds
- President’s Budget

3.3M Annual Req’m’t
Great Lakes Navigation System

• A non-linear interdependent system of 139 deep and shallow draft projects; commercial ports are dependent on each other for the efficiency and health of the system
• 90% of the traffic is internal to the system – U.S. and Canadian ports
• GLNS saves the country $3.6B per year compared to the next least costly mode of transportation

The Great Lakes Navigation System Provides Key Economic Benefits*

In 2010 alone:

- GLNS generated 226,800 U.S. and Canadian jobs and an additional 447,600 in related user jobs (ex: steel or stone company)
- $14.1B in personal wages, salaries, and local expenditures and an additional $22.7B from related user industries
- As a result of maritime activity on GLNS, generated $33.6B in business revenue and an additional $115.5B from related user industries

* Data from Martin Associates October 2011 Report
Communication

- Great Lakes Brochure
  - Fact Sheets
  - Presentations
- Mailing Lists – send information to glnavigation@usace.army.mil
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