Great Lakes Shallow Draft Harbors Coalition Meeting
August 5, 2009

Kathy M. Griffin
Chief, Operations Branch
Buffalo District
Federal Harbors on the Great Lakes

- A non-linear navigation system with 63 federal commercial harbors and 74 federal shallow draft/recreational harbors
- Some shallow draft harbors are subsistence harbors or support commercial transportation (ferries) or commercial fishing activities
Federal Budget Process

• The Corps submits budget requests for all federal harbors with operation & maintenance needs

• With the limited funding available, operations and maintenance funding for deep draft navigation projects usually takes priority over shallow draft harbors

• Subsistence harbors and harbors that support commercial transportation and fishing are budgetable but come at a lower priority than commercial harbors
Congressional Budget Process

- President’s Budget released in Feb (April this year due to the new administration)
- Congress works its Adds typically in the Feb-March time frame
- Senate and House work together to produce Conference Bill ideally to have funding in place by October
Historical Shallow Draft Harbor Funding

# Projects Funded

Fiscal Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Projects Funded</th>
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<tbody>
<tr>
<td>2001</td>
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<td>2008</td>
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FY09 Dredging Projects

US Army Corps of Engineers

Great Lakes Navigation System

Map of Great Lakes showing locations of FY09 Dredging Projects.
FY08 Commercial Dredging ($6.544M)
  • Transportation Cost Savings
  • Relationship Among Harbors
  • Coordinate with Stakeholders

FY08 Lake Superior Small Harbor Dredging ($1.564M)

FY08 Michigan Reprogramming Provision

FY09 $5M Michigan Provision (30 Harbors Eligible)

Issue Paper Summarizes Benefits of these Provisions
Total Great Lakes Navigation = $72.3M

- Dredging = $13.9M
- Confined Disposal Facilities = $10.3M
- Structures = $26.9M
- Locks = $21.2M
HARBORS RECEIVING DREDGING FUNDS ($13.9M)

- Black Rock Lock/Tonawanda Harbor
- Dunkirk Harbor
- Fairport Harbor
- Grand Haven Harbor
- Harbor Beach Harbor
- Holland Harbor
- Huron Harbor
- Inland Route
- Kewaunee Harbor
- Little Lake Harbor
- Lorain Harbor
- Ludington Harbor
- Manitowoc Harbor
- Saginaw River
- Sandusky Harbor
- St. Joseph Harbor
- Sturgeon Bay
- Toledo Harbor
Great Lakes Navigation
Stimulus Projects

Harbors Receiving Structure Funds ($26.9M)

- Black Rock Lock Channel
- Buffalo Harbor
- Chicago Harbor
- Fairport Harbor
- Grand Haven Harbor
- Petoskey Harbor
- Saugatuck Harbor
- Sturgeon Bay Harbor
Dredging Funding Trends
2007 - 2010

- 2009 ARRA (Stimulus)
- L. Superior Regional Provisions
- Michigan Regional Provisions
- Commercial Regional Provisions
- Omnibus Bill Adds
- President's Budget

FY07
FY08
FY09
FY10

3.3M Annual Req.
1.7M cu yds ($20M) needed over ann req to meet backlog removal plan
1M cu yds ($12M) needed to meet annual requirement

Quantity Dredged (1000 cu yd)
How You Can Get Involved?

• Identifying Needs

• Stakeholder Involvement – Meetings, submit feedback

• Communication with Ops Chiefs and Great Lakes Navigation Team
Identifying Needs of Harbor
Fact Sheets

• Identifying the Economic and Social Impacts Related to Maintaining the Authorized Project

• Identifying Other Critical Factors (Subsistence Harbor, Infrastructure Protected by Harbor)

• We will continue to refine the information with your help!
Les Cheneaux Islands Channels, MI

Harbor Features
- Archipelago encompassing 36 islands aligning northern most shore of Lake Huron between Straits of Mackinac, Drummond Island & North Channel areas.
- Authorization: Authorized by the Chief of Engineers 15 March 1967, pursuant to Section 107 of the 1960 River and Harbors Act.
- Shallow draft recreational harbor.
- Project depth 7 feet.
- Over 7.5 miles of maintained Federal channel.
- Dredged material would likely have to be placed at an upland site.
- Major stakeholders include Michigan Boating Industries Association, Cedarville Bay Waterworks, U.S. Department of Interior (Government Island), MDNR (State Lands-Island Property), marine historical properties, charter boats, recreational & tribal fishermen, as well as island residential populations.
- Historically provided a protected passage for travelers from Mackinac Island to the St. Mary’s River and a harbor of refuge for tribal members, voyagers, fishermen, ferries, water liversies and recreational boaters.

Project Needs
- Requires infrequent maintenance dredging every 20-30 years of approximately 80,000 cubic yards; the harbor was last dredged in 1971.

Consequences of Not Maintaining the Project
- Loss of local jobs pertaining to the recreational boating sector.
- Loss of recreational and charter fishing in the area.

Transportation Importance
- Waterborne transportation is sole linkage as infrastructure between island residential and mainland services community.
- Multiple harbors in this project serve as Harbors of Refuge. The project also supports charter fishing and recreational navigation interests.
- The local regional area has established a significant infrastructure around the channels that generates income from users and visitors to the area.
# Project Fact Sheets

**U.S. Army Corps of Engineers Fiscal Year (FY) 2009, 2010 and 2011**  
**Les Cheneaux Islands Channels, MI - Project Needs and President’s Budget ($1,000)**

<table>
<thead>
<tr>
<th>Work Package</th>
<th>FY09 Need</th>
<th>FY09 Omnibus</th>
<th>FY09 Stimulus</th>
<th>FY10 Need</th>
<th>FY10 President’s Budget</th>
<th>FY11 Need*</th>
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<td>Project Condition Surveys</td>
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*FY11 President’s Budget will be available in February 2010.

**Congressional Interests**
- Representative Bart Stupak D-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI
Oak Orchard Harbor, NY

**Harbor Features**
- Located on Lake Ontario at the mouth of Oak Orchard Creek, in the Hamlet of Point Breeze, Town of Carlton, Orleans County, New York.
- Shallow draft recreational harbor.
- Authorized depths are 10 feet in the entrance channel and 8 feet in the harbor basin.
- The harbor is formed by the east and west jetties and a detached breakwater with a total length of 2,120 feet.
- Other features include 2 state and county marine parks offering seasonal and transient docking, launching and fish cleaning, 6 private marinas, 2 with fish cleaning stations, 2 restaurants, 3 rental cottage facilities, 1 motel, pump out facilities, fuel and travel liffs.
- Major stakeholders include Orleans County Sheriff Marine Patrol, U.S. Coast Guard, charter fishing interests and the recreational boating community.

**Project Needs**
- Maintenance dredging is required every 3-5 years. The project was last dredged in 2004 when 10,700 cubic yards (CY) of sediment was removed.
- The current sediment backlog within the functional harbor areas is estimated at approximately 17,000 CY.
- Maintenance dredging is the primary FY10 need.

**Consequences of Not Maintaining the Project**
- Failure to dredge will result in continued shoaling and reduced channel dimensions, resulting in unsafe navigation conditions.
- Potential safety issues for recreational boating community.
- Potential functional loss of Harbor of Refuge.
- Negative economic impacts, locally and regionally.

**Transportation Importance**
- Provides safe recreational access between Lake Ontario and Oak Orchard Creek.
- Orleans County Sheriff Marine Patrol and Coast Guard Auxiliary unit located at Orleans County Marine Park.
- Hosts annual harbor festivals and fishing derbies.
- Supports 33 charter fishing boats generating approximately $269,478 in Net Income annually.
## Project Fact Sheets

U.S. Army Corps of Engineers Fiscal Year (FY) 2009, 2010 and 2011
Oak Orchard Harbor, New York Project Needs and President’s Budget ($1,000)

<table>
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*FY11 President’s Budget will be available in February 2010

**Congressional Interests**
- Representative Louise Slaughter D-NY-28
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY
We need your input on critical system needs at your harbor or project

Representatives are available today with project maps and condition surveys

Updated Fact Sheets are on the web

Webpage is an important mode of communication: meetings, presentations, data

www.lre.usace.army.mil/greatlakes/navigation
Key Great Lakes Contacts

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(312) 846-5470

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