

Great Lakes Navigation Stakeholder Meeting

Shallow Draft Harbor Needs & Issues

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US Army Corps of Engineers
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Meeting Agenda

Welcome; Introductory Remarks

LTC Mike Sellers

Self introduction of all participants

All

Shallow Draft Harbor Funding & Needs

Mike O'Bryan

- **Funding Process and Trends**
- **2014 Accomplishments**
- **2015 Program Summary**
- **2016 President's Budget**
- **Funding Alternatives**
- **WRRDA 2014**
- **Stakeholder Involvement**

Great Lakes Small Harbor Coalition

Chuck May

Stakeholder Feedback—Open Discussion

All



Federal Budget Process

- The Corps submits budget requests for all federal harbors (commercial and recreational) with operation & maintenance needs
- With the limited funding available, operations and maintenance funding for deep draft navigation projects usually takes priority over shallow draft/recreational harbors
- Subsistence harbors and harbors that support ferries, commercial fishing or the US Coast Guard are given a higher priority than strictly recreational harbors.



FY 14 Great Lakes Navigation O&M

\$94.9M President's Budget

\$23 M in Additional funds for Ongoing Work

\$118M Great Lakes Navigation Operations & Maintenance

Key Shallow Draft/Recreational Harbors

Dredging Black River, MI
 Kewaunee, WI
 Leland, MI
 La Pointe, WI
 Irondequoit Bay, NY

Structure repair: Port Washington, WI



FY 14 Low Use Harbors Funded

Dredging

Black River, Port Huron

Cheboygan

Erie

Grand Haven

Holland

Huron

Irondequoit Bay

Kewaunee

La Pointe

Leland

Manitowoc

Menominee

Rochester

St. Joseph

Fairport

Waukegan

Structure Repair

Port Washington

Red – recreational harbors

* Hurricane Sandy & State of Michigan contributed funded harbors not included



FY15 Corps Funding Status

- Congress passed the FY15 Consolidated and Furthering Continuing Appropriations Act; enacted Dec 16, 2014.
- The FY15 Appropriations bill included FY15 President's Budget with some adjustments, plus additional O&M funds for ongoing work – to be allocated by USACE HQ

Additional Funding for Ongoing Work

- | | |
|-------------------------------------|---------|
| - Navigation Maintenance | \$45M |
| - Deep-draft harbor and channel | \$165M |
| - Small, remote, or subsistence nav | \$42.5M |



FY15 Corps Additional Funding Criteria

- Criteria established by Congress for allocation of national FY15 O&M funding:
 - Complete ongoing work to maintain authorized widths and depths
 - Particular emphasis on places with a Coast Guard presence
 - Enhance national, regional, or local economic development
 - Promote job growth or international competitiveness
 - Lack of alternative modes of transportation



FY15 Projects Funded from Additional Funds for Ongoing Work

\$6.0M Dredging

- Rouge River, MI
- Burns Harbor, IN
- Sturgeon Bay, WI
- St. Joseph Harbor, MI
- Holland Harbor, MI
- Waukegan Harbor, IL

\$3.3M Soo Asset Renewal

\$0.59M Chicago Lock Electrical Repair

\$1.2M Calumet Harbor dredged material management and shoreline protection



FY 15 Great Lakes Navigation Program

\$115.7M Great Lakes Navigation Operations & Maintenance

Key Items

\$46.2M in Dredging (21 projects – 3.1M cubic yards)

\$10.3M in Dredged Material Management

\$8.65M in Soo Asset Renewal

\$3.1M Emergency Funding – Oct 31, 2014 Storm

Dredging – Muskegon, MI

Pier Repair – Grand Haven, MI

Total FY15 Program \$118.8M



FY 16 Great Lakes Navigation

\$111.6M Great Lakes Navigation Operations & Maintenance

Key Items

\$49M in Dredging (25 projects – 3.4M cubic yards)

\$8.4M in Dredged Material Management

\$3.7M in Soo Asset Renewal



FY16 President's Budget Dredging Projects



Corps Efforts on Recreational Harbors

- Condition surveys of all recreational harbors each year; results posted on web
- Structure inspections
- Updating signs
- Minor repairs that affect safety – for example, safety ladders
- Occasional technical assistance/advice



Alternatives to Corps funded dredging

- There are two primary methods for local communities to accomplish dredging outside of the traditional Corps dredging process:
 - Local community signs an agreement with the Corps to provide funding to the Corps and the Corps accomplishes the dredging including design, contractor acquisition, and dredging quality assurance.
 - Local community obtains a permit from the Corps and the state. The Corps will grant a permit good for 10 years. Must check state requirements.



Recreational Harbor Success Stories

Port Washington: \$950K funded in FY14 Corps budget
City has obtain \$1M in funding from grants – providing to Corps through contributed funds process

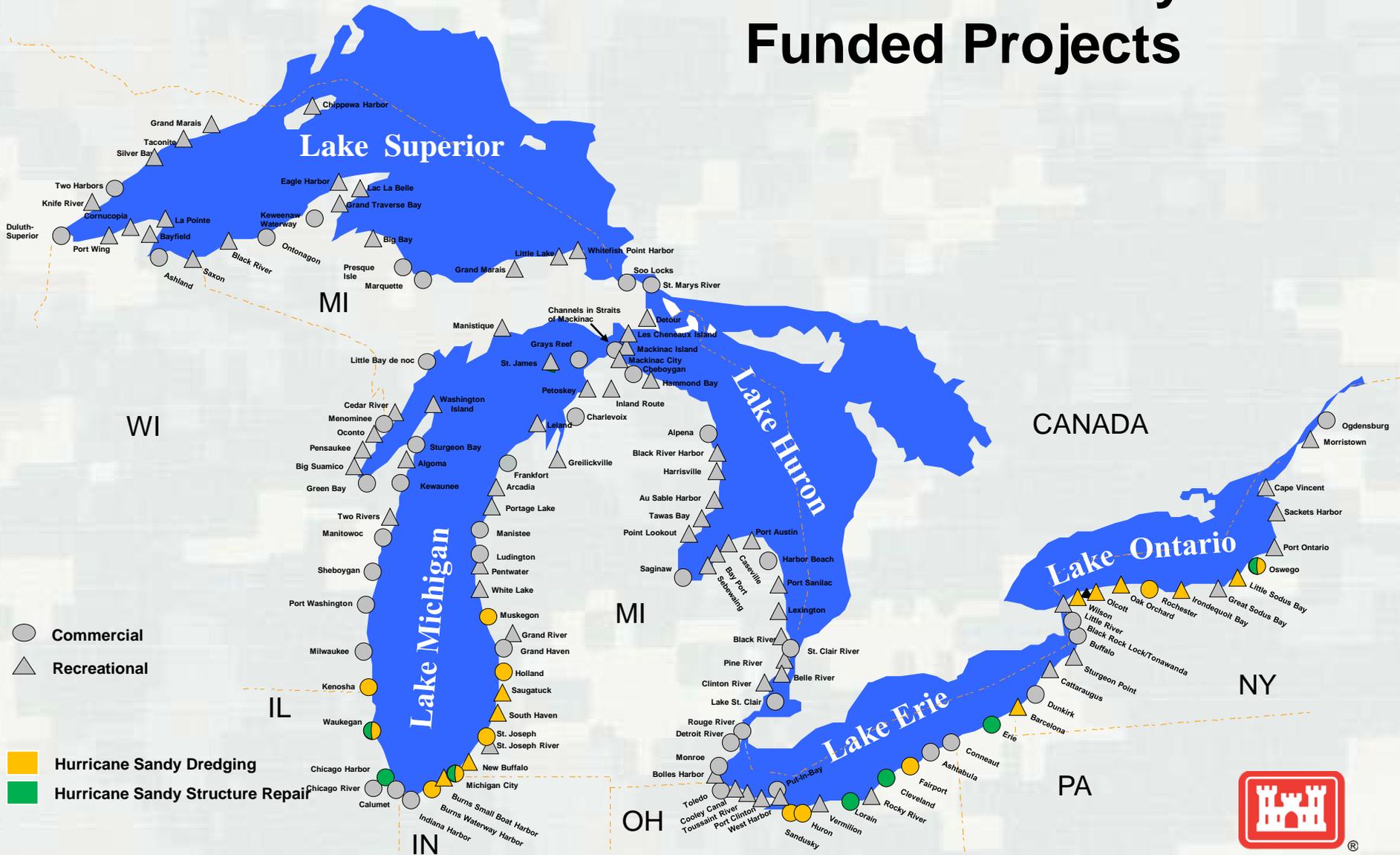
State of Michigan – contributed funds of \$6M for dredging 7 harbors. Additional funds went directly from the state to local communities for dredging

City of Buffalo – Bird Island structure/walkway repair; obtained grant funds and provided to Corps through contributed funds process

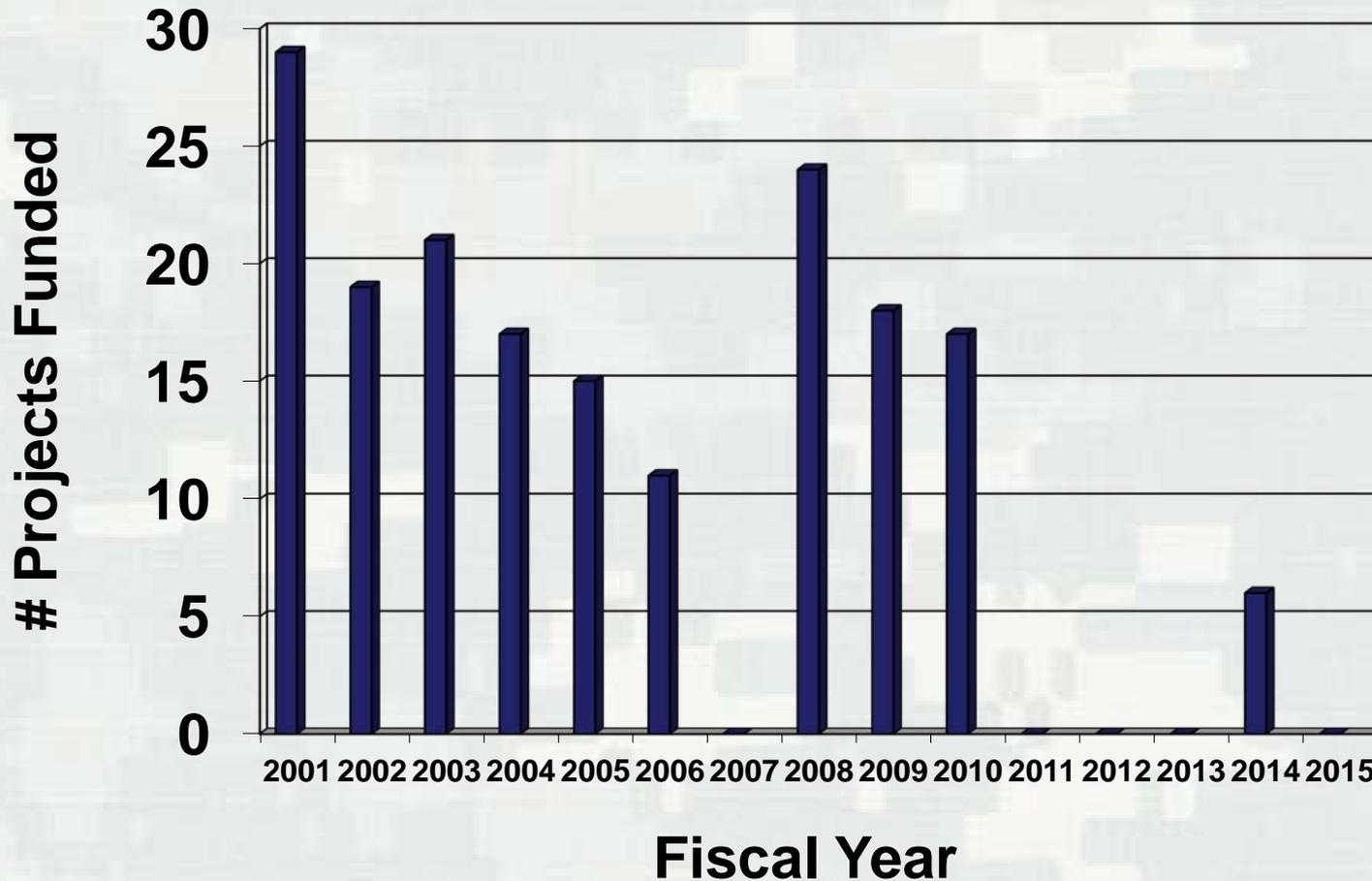
Hurricane Sandy funds – over \$100M in total to GL



Hurricane Sandy Funded Projects



Historical Shallow Draft/Recreational Harbor Funding



Water Resources Reform & Development Act (WRRDA) 2014

- WRRDA14 is an authorization bill; it provides authority or direction to the Corps, it does not provide funding
- Funding comes from Congressional Appropriations
- We are awaiting implementation guidance from HQ

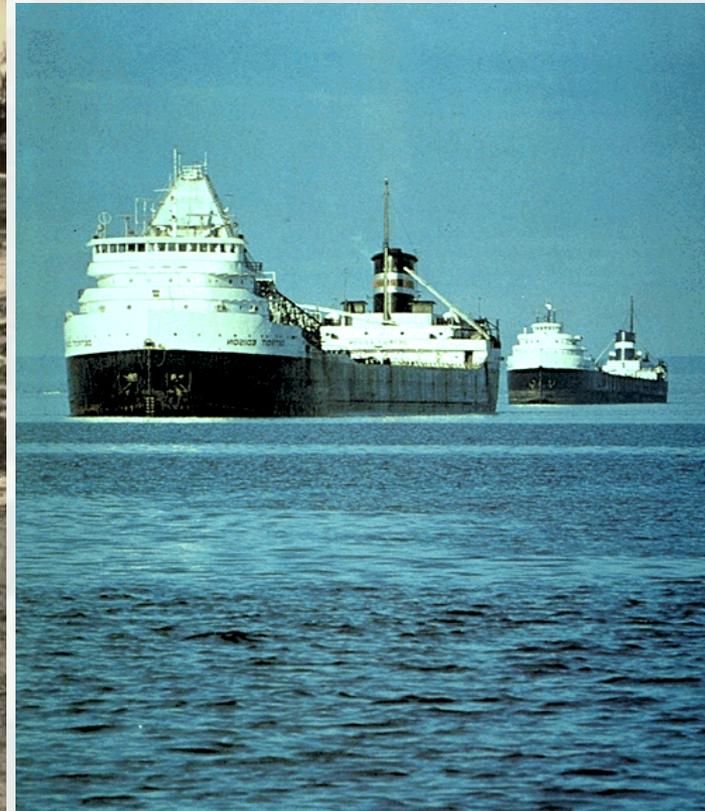


Water Resources Reform & Development Act (WRRDA) 2014

- The Corps must manage all the individually authorized projects in the Great Lakes Navigation System as components of a single, comprehensive system, recognizing the interdependency of ports
- The Corps shall not allocate funds solely on tonnage
- Establishes funding targets for expenditure of HMTF funds for the next 10 years.
- Emerging harbors (less than 1M tons) receive no less than 10% of 2012 HMTF appropriated funds (\$898M)



Great Lakes Water Levels

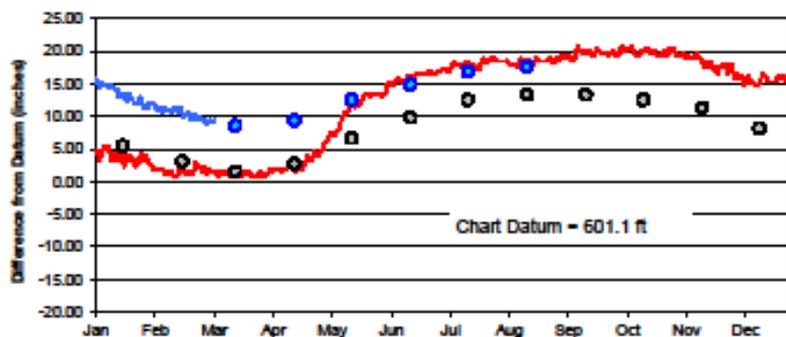


Water Levels on Great Lakes

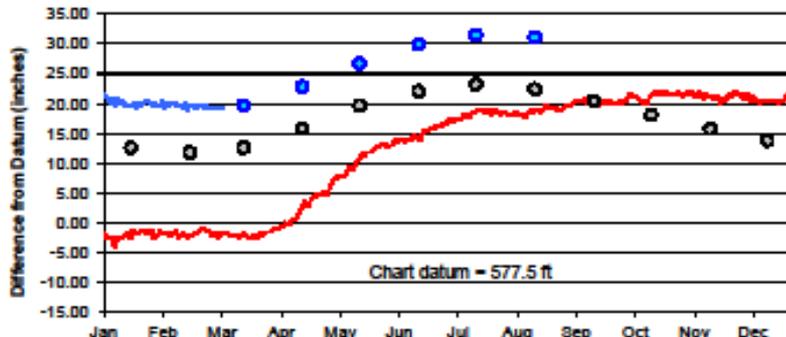
- All of the Great Lakes except Lake Ontario are currently at or above average and above their water levels of a year ago.
- Heavy snowpack has resulted in higher snow water equivalent in the basin, but particularly in the lower lakes. Heavy ice will again keep water temperatures lower and may slow the rate of evaporation.
- Lake Superior has been above average for 12 consecutive months, following 15 years below average. Levels will remain 5 to 7 inches above average over the next 6 months.
- Levels on Lakes Michigan and Huron have been above average for 6 consecutive months, following 15 years below average. Levels are expected to range from 12 to 22 inches above the levels of a year ago and 8 to 9 inches above average.
- Lake Erie is expected to have levels similar to a year ago and up to 7 inches above average. Lake Ontario is expected to be 2 to 8 inches below average over the next 6 months



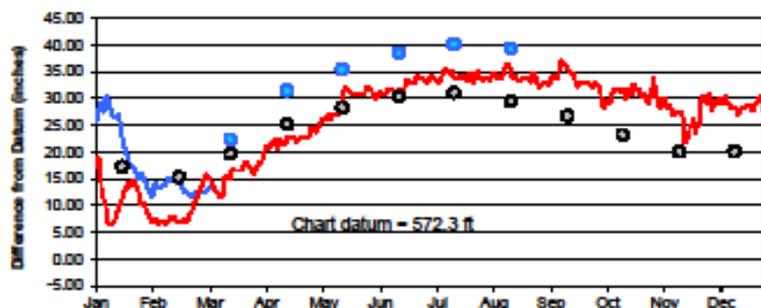
Lake Superior



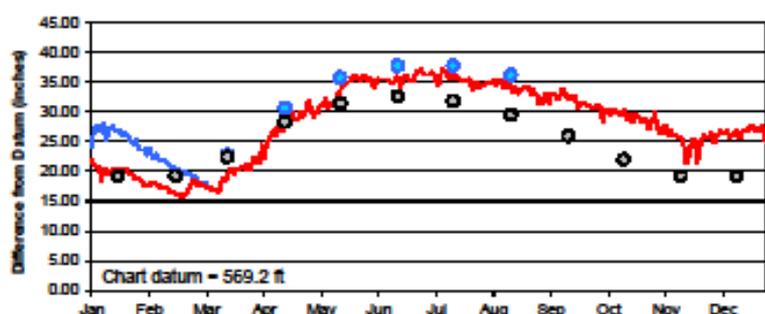
Lake Michigan-Huron



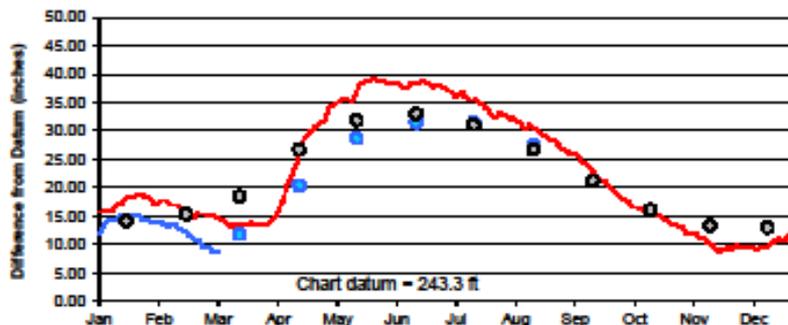
Lake St. Clair



Lake Erie



Lake Ontario



U.S. Army Corps of Engineers
 Detroit District
<http://www.lre.usace.army.mil>

Harbor Fact Sheets are Key Communication Tool

- Identifying the economic and social impacts related to maintaining the authorized project – jobs, local and regional economic impacts
- Identify other critical factors – subsistence harbor, support to Coast Guard, what infrastructure protects
- Project requirements – Dredging and structural repair needs



Harbor Fact Sheets



New Buffalo Harbor, MI

Harbor Features

- > Located at the mouth of the Galien River on the southeast shore of Lake Michigan in Berrien County, about 45 miles east of Chicago, IL.
- > Authorization: River & Harbor Act of 1962
- > Shallow draft recreational harbor
- > Project depths are 10 feet in the entrance channel and 8 feet in the inner channel
- > Approximately 2,100 feet of maintained Federal channel
- > More than 2,000 feet of breakwaters
- > Dredged material is placed along the beach as beach nourishment
- > Major stakeholders include the Michigan DNR, Galien Marina, the Michigan Boating Industries Association, Dunebrook Condo Association, South Cove, Harbor Landings Condo Association, Harbor Pointe Shores Association, Lake Michigan Yacht Club, Light House Landings, The Moorings Condo Association, New Buffalo Yacht Club, Oseika's Snug Harbor, and Pleasure Island Marina.



Consequences of Not Maintaining the Project

- > Loss of recreational and charter fishing in the area

Transportation Importance

- > This project serves as an important Harbor of Refuge and supports charter fishing and recreational navigation interests.
- > The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.
- > Supports 1,038 recreational boat slips

Project Requirements

- > Approximately 10,000 cubic yards of material must be dredged on a 1 to 2 year cycle.
- > The harbor was impacted by significant shoaling that occurred as a result of a major storm that impacted Southern Lake Michigan on October 31, 2014. Maintenance dredging is needed in the spring of 2015 to ensure the harbor is open to recreational traffic.
- > Maintenance dredging was completed in 2013 using Hurricane Sandy relief funds to remove shoaling that occurred in the fall of 2012 due to that storm event.

175

February 2015

U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016 New Buffalo Harbor, MI - Project Requirements and President's Budget (\$1,000)

Work Package	FY14 Requirement	FY14 Appropriation	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 President's Budget
Project Condition Survey			20		20	
Maintenance Dredging - Primary Work Package			250		250	
TOTAL	0	0	270	0	270	0

Congressional Interest

- Representative Fred Upton R-MI-6
- Senator Gary Peters D-MI
- Senator Debbie Stabenow D-MI

176

February 2015

Stakeholder Involvement

- ✓ We need your input on critical system requirements at your harbor or project
- ✓ Operations Chiefs from each District are available any time to discuss your particular issues and concerns
- ✓ Webpage is an important mode of communication: meetings, presentations, fact sheets
- ✓ Updated Fact Sheets with FY15 appropriation and FY16 President's Budget are on our website
- ✓ Annual Great Lakes Navigation Stakeholder meeting April 14

www.lre.usace.army.mil/greatlakes/navigation



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Questions?

