

Indiana Lake Michigan Underwater Archaeological Resources Project

Natural Resources Commission Meeting - May 17, 2011

A CZMA Section 309 Funded project of the DNR Lake Michigan Coastal Program

Presented by: Mike Molnar, DNR LMCP, Program Manager

Project Consultant: Commonwealth Cultural Resources Group, Inc.



Acknowledgement

Funding for this project is made available through a Cooperative Agreement with the National Oceanic and Atmospheric Administration's Office of Coastal Resource Management under the *Coastal Zone Management Act* Section 309.

Project Overview

Deliverables:

1) Site Assessments

- a) Site evaluations for up to 20 known sites
- b) Site evaluations for up to 10 suspected sites

2) Site Management Plan Development

- a) Generate a long-term site plan for a single shipwreck site
- b) Complete and submit nomination of one site for listing on the National Register of Historic Places

Project Timeline

Conduct Field Investigations	June 2011 to August 2011
Complete Field Investigations	August 31, 2011
Submit Preliminary Report of Archaeological Investigations to DHPA	September 31, 2011
DHPA Review of Preliminary Report of Archaeological Investigations	October 2011
Submit Final Report of Archaeological Investigations to DHPA	November 18, 2011
Submit Interim Site Management Plan to DHPA	December 2, 2011
DHPA Review of Interim Site Management Plan	December 2011
Submit Final Site Management Plan Report to DHPA	January 13, 2012
Create and Review Public Outreach Materials	August 31, 2011 to January 13, 2012

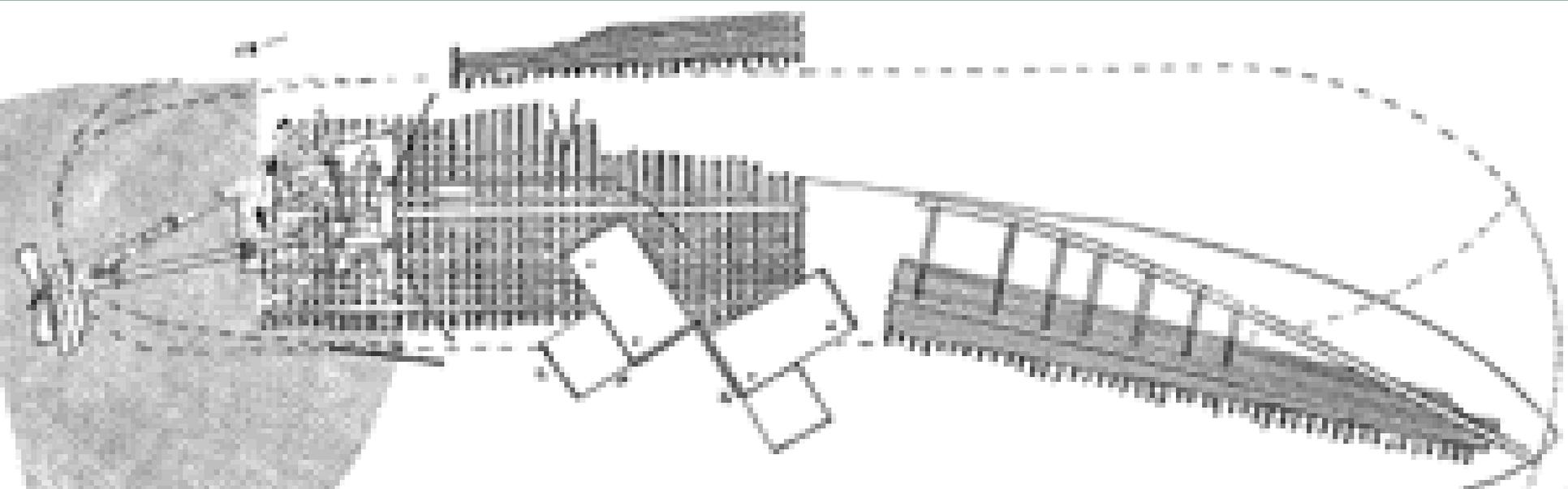
Steering Committee

Name	Organization/Group
Ken Schoon	Indiana University Northwest
Steve McShane	Calumet Regional Archives
William A. Parkinson	Field Museum of Natural History
Cris Kohl	Underwater Archaeological Society of Chicago
Judith Collins	Indiana Dunes National Lakeshore
Bruce Woods	Lake County Historical Society
Tiffany Tolbert	Indiana Historic Landmarks Foundation
Jeff Tapper	Charter fisherman and Dive Guide
Charles Beeker	Indiana University Bloomington - Underwater Science
1 st Sgt. Tom Torsell	DNR – Division of Law Enforcement
Master Officer Guy Wendorf	DNR – Division of Law Enforcement
Brad Bumgardner	Indiana Dunes State Park
Dr. Rick Jones	DNR Division of Historic Preservation and Archaeology
Dr. Rex Garniewicz	DNR Division of Museums and Historic Sites
Mike Molnar	DNR Lake Michigan Coastal Program
Steve Lucas	Natural Resources Commission

Policy Considerations

- Federal Admiralty Law
- Indiana Dunes National Lakeshore jurisdiction
- Local Management Involvement
- Long Term Management
 - Historic Site Designation
 - Marine Protected Area Designation
 - Ecotourism

Early Efforts



State efforts (Ellis et. al) in 80's identified a number of sites. Sites documented and hand drawn. CZM funds used for minor update in 2000 (IU Eppley).

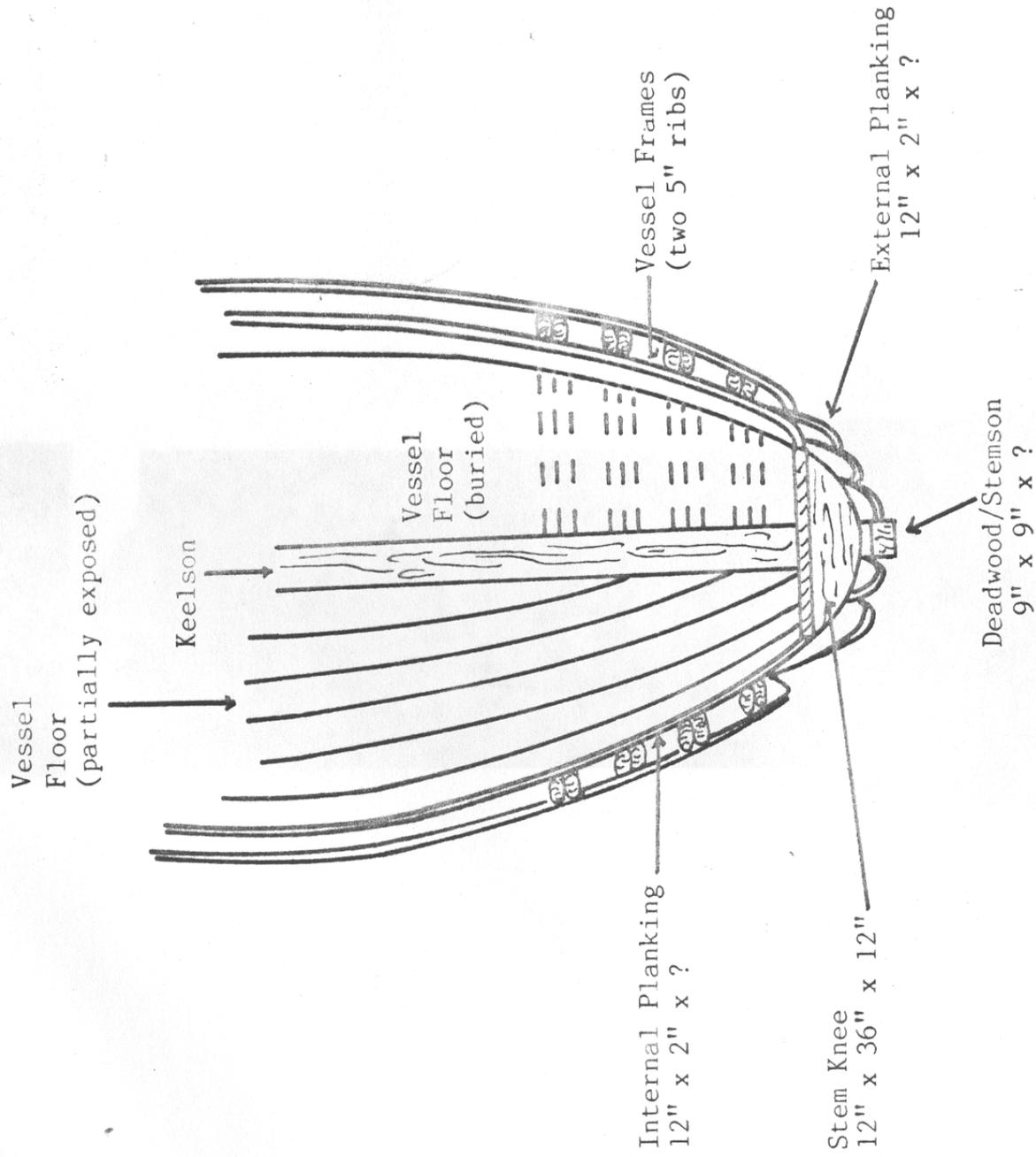


Figure 8-47. Plan View of the Exposed Bow of Unknown #4.
SCALE: 1" = 4'

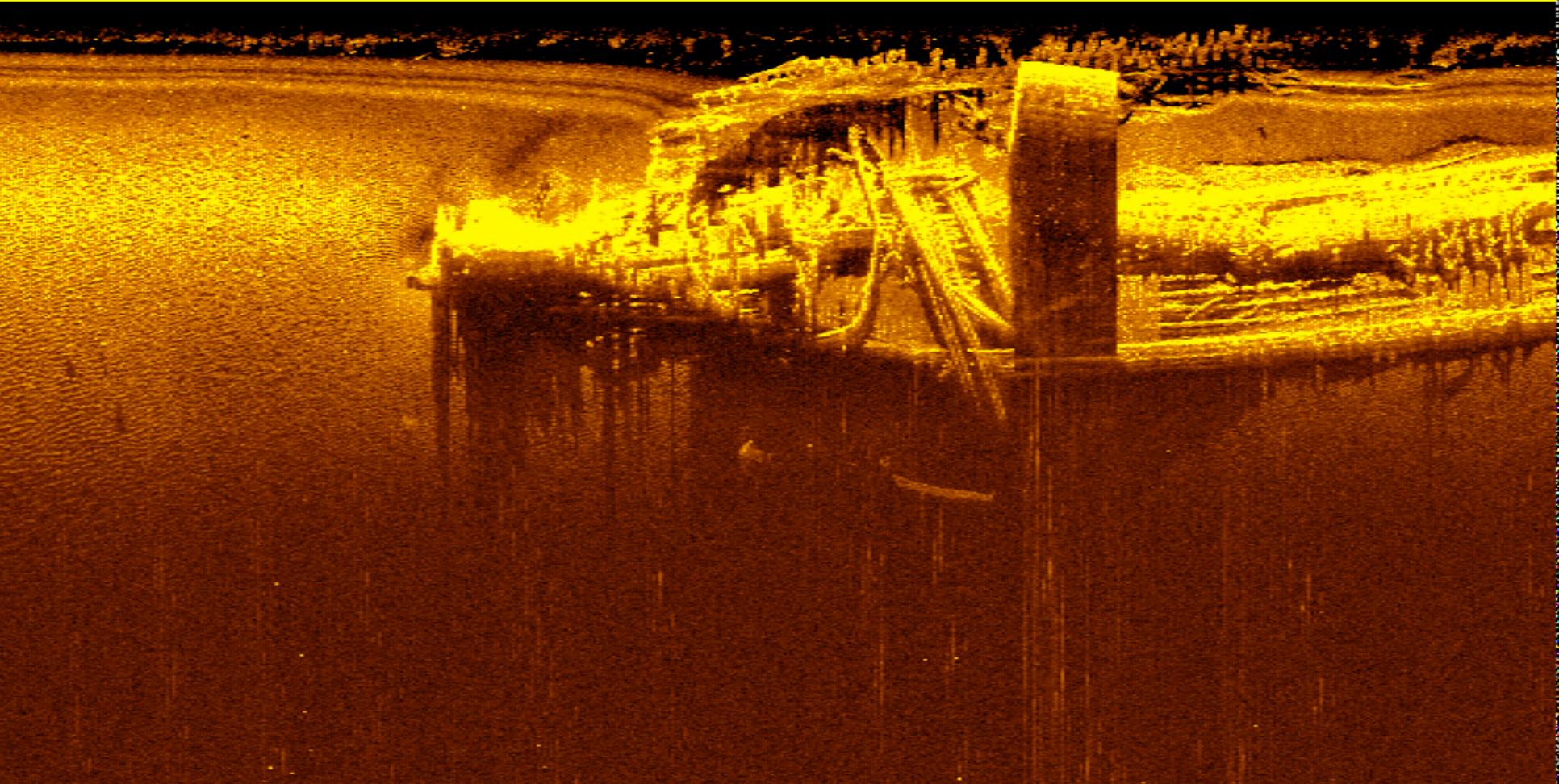
The “Alpha” Wreck



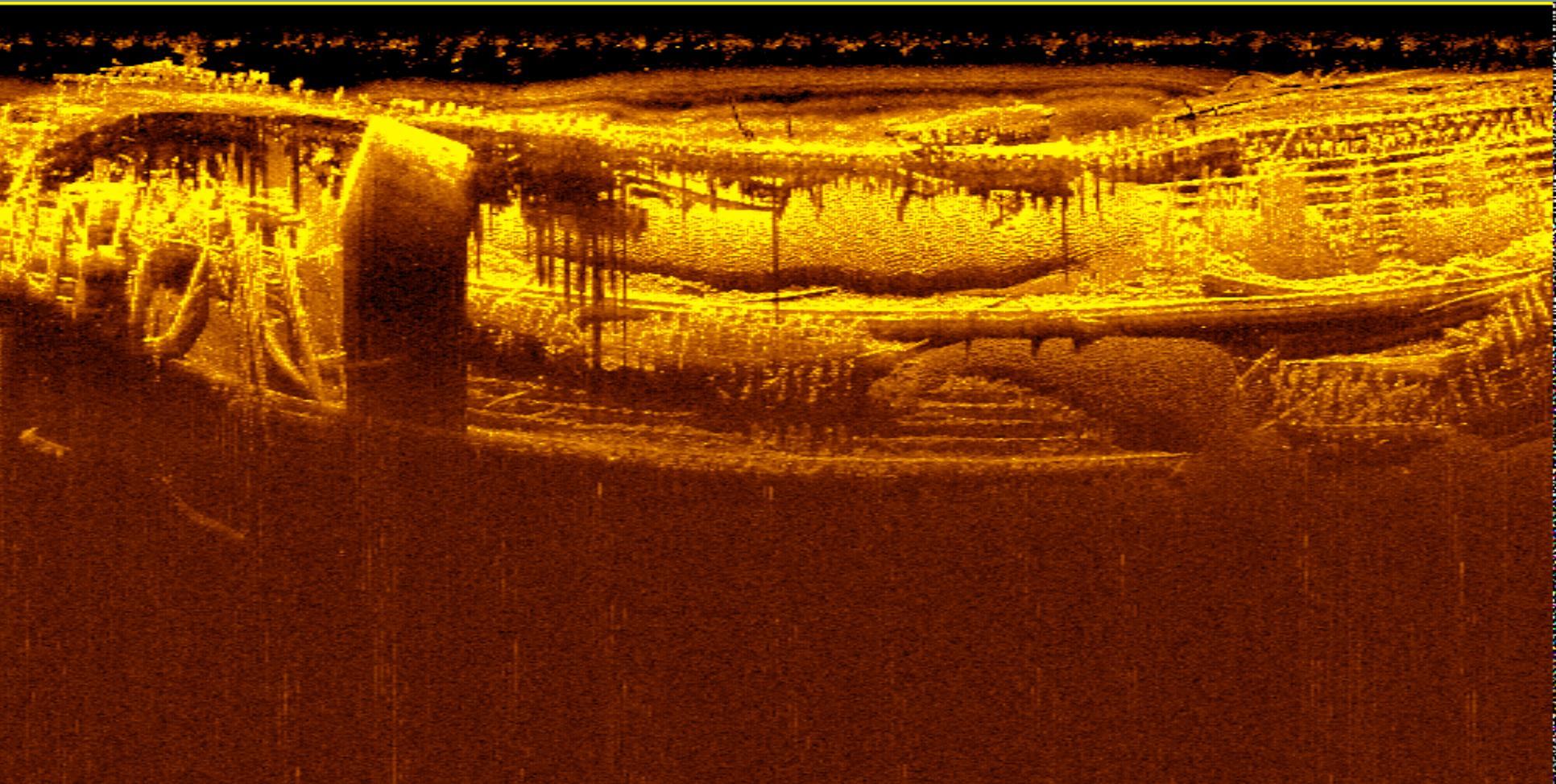
Photography by Jeremy Gantz - *Shore Magazine* 9/22/08

“New” Technology

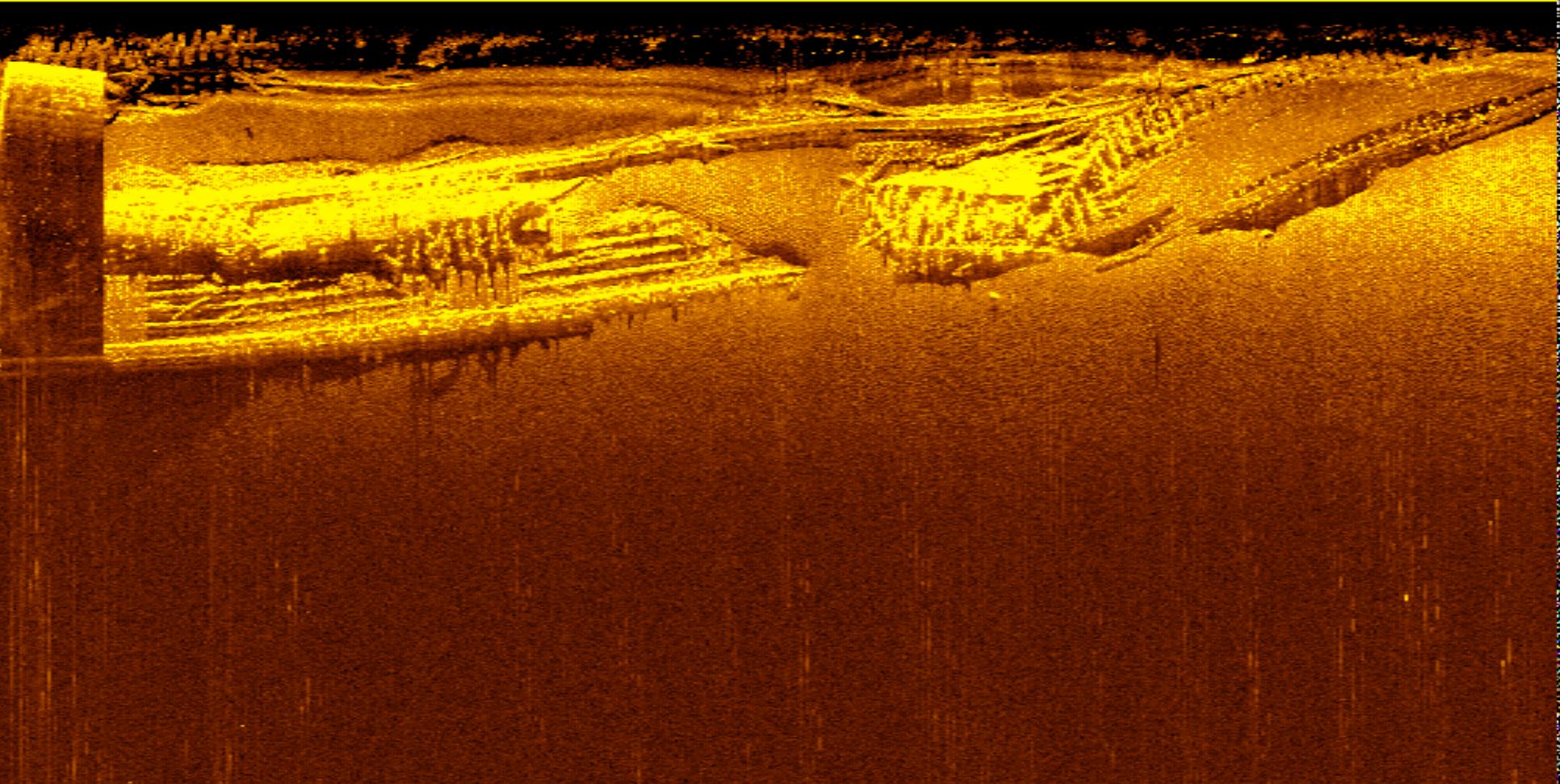
Think *Titanic* but local...



Remote sensing equipment reduces cost...



Provides snapshot of current condition...



And can easily be incorporated into Outreach materials...

Next Steps

- National Register Nomination
- Management Plan Implementation
- Outreach/Education
 - Dive Community
 - Public
 - Web?
- Additional Site Assessments
- <http://www.in.gov/nrc/> for updates

SHIPWRECKS & MARITIME TALES OF THE LAKE ERIE COASTAL OHIO TRAIL

Explore Shipwrecks

Diving Information

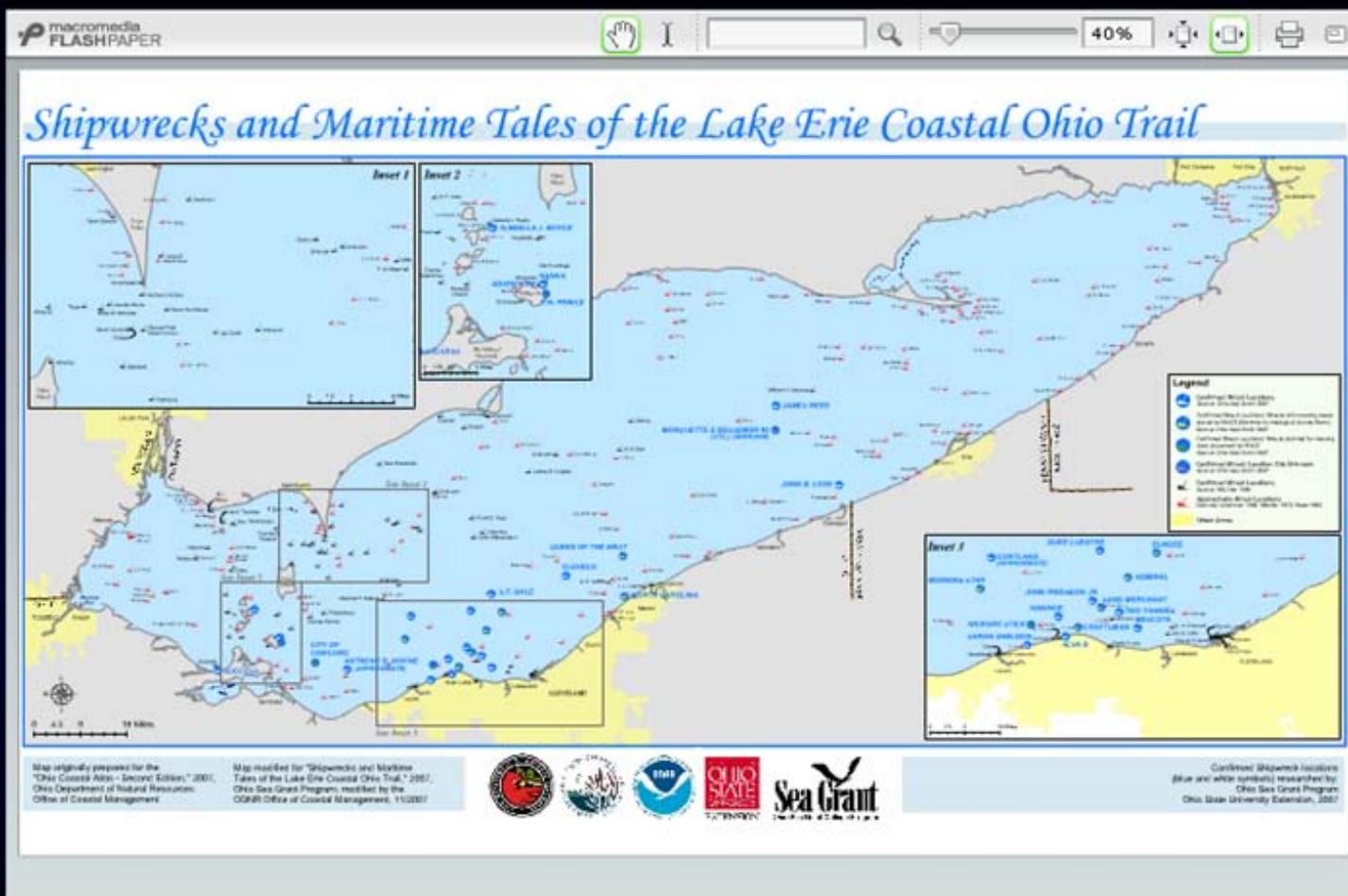
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Interactive Lake Erie Shipwreck Map

<http://www.ohioshipwrecks.org/ShipwreckMap.php>



[Download a PDF version of the Map \(1.2 MB\)](#)

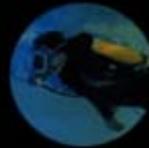
WISCONSIN'S GREAT LAKES SHIPWRECKS

EXPLORE SHIPWRECKS

EXPLORER'S TOOLS

DIVER'S AREA

ASK THE EXPERTS



Featured:

New! Two men fight for their lives as the Tennie and Laura succumbs to powerful waves.



we welcome your feedback

a partnership of the Wisconsin Historical Society and the
University of Wisconsin Sea Grant Institute



<http://www.wisconsinshipwrecks.org/>

Minnesota's Historic Shipwrecks



The cold fresh water of Minnesota's lakes and rivers have preserved an important part of our history - in shipwrecks! Each one is a unique and integral part of America's maritime heritage. Together, they provide physical contact with and offer an exciting opportunity to explore the past. Because they represent a valuable but finite and nonrenewable resource, we must provide for their protection and preservation. If we don't, the first generation to have ready access to shipwrecks will be the last to enjoy them. In the interest of preserving Minnesota's Lake Superior shipwrecks and other underwater archaeological sites in Minnesota's lakes and rivers, the State Historic Preservation Office of the Minnesota Historical Society has initiated a program of submerged cultural resource management. The Society hopes you will join its effort to preserve our maritime heritage.

Updated: 07/05/97

Minnesota Lake Superior Shipwreck Exhibit

[Thomas Wilson](#), [Hesper](#), [Onoko](#), [Madeira](#), [Samuel P. Ely](#),
[Amboy](#), [George Spencer](#), [U.S.S. Essex](#), [Niagara](#)

Minnesota Lake Superior History

- [Introduction - Discovering the Past](#)
- [History of Minnesota's Lake Superior](#) (31 Pages)
- [Exploration and Fur Trade \(1650-1810\)](#)
- [Settlement & Fishing on Lake Superior \(1854-1930\)](#)
- [Minnesota's Iron Ore Industry \(1880s-1915\)](#)
- [Northern Minnesota Lumbering \(1870-1930s\)](#)
- [Railroads and Agricultural Development \(1870-1910\)](#)
- [North Shore Tourism and Recreation \(1870-1945\)](#)
- [History and Development of Great Lakes Water Craft](#) (17 pages)

[Sailing Craft](#)

[Passenger and Package Freight Steamers](#)

[Bulk Freight Steamers](#)

[Small Craft](#)

- [Vessel Types on the Great Lakes](#) (4 pages)

[Sailing Craft](#)

[Passenger and Package Freight Steamers](#)

[Bulk Freight Steamers](#)

[Small Craft](#)



[Shipwreck Map](#)

Shipwreck Exhibit:

[Thomas Wilson](#)

[Hesper](#)

[Onoko](#)

[Madeira](#)

[Samuel P. Ely](#)

[Amboy](#)

[George Spencer](#)

[U.S.S. Essex](#)

[Niagara](#)

<http://www.northshoreinfo.com/shipwrecks/>

Questions



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