

Historically Significant Shipwrecks

Havre

H. Hubbard

Kyle Spangler

John F. Warner

James Mowatt

New Orleans

Grecian

Isaac M. Scott

Lighthouses

Thunder Bay Island Lighthouse

Middle Island Lighthouse **Thunder Bay National Marine**

Sanctuary and Underwater

Preserve boasts an impressive array of

underwater cultural resources including

shipwrecks, historical remnants of docks

and piers, and materials from historic and

prehistoric Native Americans. The area

contains a nationally significant collection

of approximately 116 shipwrecks that

spans over two centuries of Great Lakes

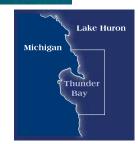
shipping history.

Research Activities

The sanctuary is monitoring and preserving historic shipwrecks within Thunder Bay by building partnerships with education and research communities. The Institute for Exploration (IFE) conducted a sidescan sonar mapping survey of a portion of the Thunder Bay National Marine Sanctuary and Underwater Preserve. In 2002, IFE will use remotely operatied vehicles to vexamine shipwrecks in the sanctuary.



NOAA and the State of Michigan are working with local agencies as well as private and nonprofit organizations to protect the underwater cultural resources, develop educational activities centered around Great Lakes maritime heritage, and conduct research to further identify and interpret the area's shipwrecks. In 2001, the sanctuary along with a local/state/NOAA task force will be working to create a Maritime Heritage Center.



Location Northern Lake Huron, near Alpena, Michigan

Protected Area 448 Square Miles

Designation October 2000

Address Thunder Bay Sanctuary & Underwater Preserve 145 Water Street Alpena, MI 49707

Communication Tel: (989) 356-8805 Fax: (989) 354-0144

E-mail: thunderbay@noaa.gov

Web page: thunderbay.noaa.gov

Above: bow of the Grecian left to right: scuba divers visiting a shipwreck site in the Thunder Bay area; artwork from the poster contest; visiting by kayak the historical boathouse of the Thunder Bay Island Light Station







