

The MAST Surveyor

Maritime Archaeological Survey Team

P.O. Box 93352 Cleveland, OH 44101-5352

The MAST Surveyor Fall 2006

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Welcome Aboard!

The Maritime Archaeological Survey Team (MAST) is "*preserving Great Lakes history one shipwreck at a time.*"

Formed in March 2000, MAST is a nonprofit organization composed of volunteer individuals participating in education, underwater archaeology workshops, and surveys. Volunteers are comprised of divers, boaters, historians, archaeologists, teachers, authors, and other diversified backgrounds and skill sets.

MAST is headquartered at the Peachman Lake Erie Shipwreck Research Center

(PLESRC) adjacent to the Great Lakes Historical Society in Vermilion. Meeting locations vary, but are typically held at the Great Lakes Historical Society.

For additional MAST information, visit our web site at

<http://www.ohiomast.org>

MAST Mission Statement:

MAST, the Maritime Archaeological Survey Team, Inc., is a nonprofit avocational group dedicated to documentation, scientific study and education pertaining to underwater archaeological resources.

Welcome from our MAST Chair

Welcome to the third issue of the 2006 Surveyor from your award winning organization. That's right; MAST has won another award, this time from the Ohio Lake Erie Commission. In addition to winning awards, we have had a very busy and productive summer. I hope you were able to join us on one of the three *Dundee* survey weekends. The baseline is now up and we're looking for a new site for 2007. Carrie's article has more on the project. We finished the survey with a fun dive day, which was a little more fun for some. See my article about that. We've received final approval from the Army to place our anchor blocks and already have one in the water. Mike Wachter's article on the mooring project has what's down. On the administrative front, MAST is now an IRS 501(c)(3) tax exempt nonprofit. Many thanks to Linda Pansing for

grinding through all the paperwork. See her article for more about what this means for MAST and you. We're going to have a general meeting and talk this October 28th. Also, last year's Archival Research program at BGSU filled so we're running it again for those of you who missed out. Carrie's education article will give you more specifics. If you are interested in a particular area of MAST, please contact the committee chair and see what you can do to help. As before, I appreciate everyone's support of MAST. And, apparently, I'm only one of the people who thinks we're doing a great job for an all volunteer organization. Just look inside and see...

Ken Marshall
chair@ohiomast.org
kmarshall@core.com

Miscellaneous MAST

MAST attains Federal 501(c)(3) non-profit status.

The Maritime Archaeological Survey Team, Inc. is proud to announce that on August 5, 2006 the Internal Revenue Service granted us 501(c)(3) Federal non-profit status.

The MAST 501(c)(3) Research Committee reviewed several companies who specialize in helping charitable organizations sort through the volumes of paperwork needed to gain 501(c)(3) ratings and then presented the results to the Board. Legal Filings of Encino, California was chosen to facilitate the process that commenced in November, 2005. After months of filling out paperwork and constant correspondence the application was submitted for review to the IRS in late June and was subsequently approved shortly thereafter.

While MAST has been a registered non-profit with the State of Ohio for the past several years, Federal non-profit recognition was deemed necessary in order to attain additional grants and provide tax credits for donations.

Looking For a Few Good (Wo)men

The MAST Governance Committee is looking for people who are interested in having a more "hands on" experience. If you have a keen interest in what MAST does and would like to use your skills and enthusiasm to help MAST be a vibrant and effective partner in all matters shipwreck, *We Need You*. In April 2007, three Board members will come to the end of their three-year terms. If you would like to be considered for one of these positions or if you have any questions, you are encouraged to contact Governance Committee Chair Scott Pansing at vice-chair@ohiomast.org.

Craftsman Report Finalizing

The report of the 2004-2005 investigations of *The Craftsman* is getting closer to completion. Hopes are to have it "publish ready" by the end of the year.

MAST Officers & Terms:

April 2004 thru April 2007

Joyce Hayward

Ken Marshall (Chair)

Linda Pansing

Scott Pansing (Vice-Chair)

Georgann Wachter

(Treasurer)

Mike Wachter

April 2005 thru April 2008

Judd Clover

John Koch

Jeff Malcolm

Jack Ott

April 2006 thru April 2009

Dick Colwell

Patric Heschel

Ann Stephenson

Non-voting members

(Advisors)

Carrie Sowden (GLHS/PLESRC Archaeological

Director & MAST

Coordinator)

Capt. Wayne Bratton

(GLHS board member,

PLESRC sub-committee)

General Notes:

- 1. Terms for elected directors are three years.*
- 2. Directors may be elected to a maximum of three consecutive terms.*

Moorings

Now That's a Mooring Block

We received funding from the Ohio Lake Erie Commission to place blocks next to six of our moored shipwrecks. Unfortunately, we did not receive a grant to place moorings on the additional four wrecks. We are pursuing other funding sources for these and have every confidence that we will be able to place them next summer.

After detailed engineering and design work by our Chairman, Ken Marshall and extensive planning by our moorings committee, Corp of Engineers approval has been received and two of the new blocks have been set. A rigging party was held at Norwalk Concrete Industries and all of the blocks are now ready to go. We anticipate the remaining blocks will be set by the middle of

October. Yes, just in time to bring the moorings in for the season.

Moorings to be Pulled for Season

We plan to leave the moorings in place on the Admiral, Dundee, Craftsman, Morning Star, Queen of the West, and Sand Merchant through September and pull them beginning September 27. All should be in storage for the winter by October 7. When we reset them in the Spring, they will be attached to the new mooring blocks with travel lines to the wreck. This will add additional protection for the shipwrecks and insure a more stable and safe mooring for dive boats.

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MAST members secure the mooring buoy chains to concrete blocks

Artifact Replacement Project

In 2005, MAST applied for and received a permit from the State of Ohio to return several artifacts to the vessels from which they were removed. They were metal banding and toilet from the *Dundee*, which is located north of Cleveland, Ohio and a rudder believed to be from the site of the *Adventure* shipwreck near Kelleys' Island.

Divers who thought they were removing the *Dundee* bell actually brought up the toilet. After realizing this it was then pitched overboard. The items location is know and plans are to have it placed back on the vessel by October. After additional discussions with the holders of the metal banding, it was decided not to return the artifacts to the site due the easy portability of the items and since they are currently serving an educational purpose.

The *Adventure* rudder belongs to a private individual who inherited it from a diver who recovered it well before the salvage laws went into effect in 1991. The owner of the rudder was eager to place it back on site. Many on the MAST board had not seen this rudder before so Carrie Sowden, MAST Coordinator and nautical archaeologist, went to review its present condition. The rudder was found in an outdoor environment and had been slightly altered for a new purpose. The rudder was photographed, measured, and thoroughly scrutinized during this visit. The wood was found to be slightly desiccated and the edges of the rudder were in poor condition. Many iron fasteners were loose and two boards would have fallen off if the rudder had been moved.

continued

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The rudder from the *Adventure*

Artifact Replacement Project cont

After consultation with several other archaeologists and the MAST board, it was decided not to replace the rudder back on the Adventure site.

After consultation with several other archaeologists and the MAST board, it was decided not to replace the rudder back on the *Adventure* site. Returning the rudder to the site of the wreck would be detrimental to the longevity of the artifact. While removing it from the water has already ruined the wood, replacing it can cause even more destruction to the nature of the wood. In addition, because there are loose pieces that would likely fall off the rudder if it were to be replaced, it does not make sense to replace

something when information would only be lost.

The Great Lakes Historical Society is in negotiations with the owner to perhaps donate the rudder to the Inland Seas Museum where it can be properly curated and perhaps put on display for the general public to view.

The artifact replacement project will be finished by October and report submitted to the Ohio Department of Natural Resources Office of Coastal Management and the Ohio Historical Society, Historic Preservation Office.

OLEC Award

MAST Chair Ken Marshall, Past Chair Mike Wachter and Treasurer Georgann Wachter were pleased to be invited to the Lake Erie Protection & Restoration symposium at Lorain County Community College on Sept. 7, 2006. This two day event presented by the Ohio Lake Erie Commission brings together various stakeholders who are interested in Lake Erie such as presenters from the League of Women Voters, various environmental groups, the Ohio EPA, ODNR, Lake Carriers Association the USCG and recreational/tourism interests. MAST won the 2006 Ohio Lake Erie Award and all who participated in our events, surveys and mooring projects share in this honor. MAST received a framed plaque and a

"trophy" limited edition Marblehead Lighthouse with brass plaque. We are also permanently listed on a larger plaque commemorating yearly winners of this award. We thank Edwin Hammett Executive Director of Ohio Lake Erie Commission and Sam Speck Director of ODNR and Chairman of the OLEC. MAST's Ohio Lake Erie Award is listed on the OLEC web site at:

<http://www.epa.state.oh.us/oleo/lakeerieawards.htm>

At the awards lunch MAST received a framed plaque and a "trophy" limited edition Marblehead Lighthouse with brass plaque.



MAST representatives accepting OLEC Award

Education Workshops/Programs

Field Work

The Summer 2006 field season is officially over. MAST has done an amazing job, along with the Peachman Lake Erie Shipwreck Research Center and the Great Lakes Historical Society, of completely documenting the wreck of the schooner *Dundee*. We had six field days in 2006 and four field days in 2005 on this wreck. After the disastrous year in 2004 (with weather), things are looking up for MAST; we had no weather days in those 10 scheduled days. You should know that 67 members dived on the wreck, with almost 300 dives, and over 200 hours underwater. This is quite an achievement!

The site plan is still under "construction", but will be finished in time for the October membership meeting. I am extremely pleased with the work we all accomplished on this daunting project. Recording a 220' shipwreck, 14 miles from land, 65 feet down is not an easy task. I applaud each and every one of you for your hard work and dedication.

Do not forget, this project is not complete until we write a full report on our findings; this includes at least the shipwreck history, field work summary, and discussion of the site plan. If anyone is interested in helping with this portion of the work,

please let Carrie know.

The hunt is on for next year's project. The field work committee is happy to have any suggestions, as long as the wreck is in Ohio waters.

Education

The MAST board and education committee are working hard to make sure that you stay connected with MAST during the off season. We are planning 2 membership meetings and two additional continuing education opportunities. The first membership meeting is coming up on October 28. This meeting will be at 10 am at the Inland Seas Maritime Museum in Vermilion. We will have a general meeting to discuss the past summer season, unveil the completed site plan, update you on the progress in the buoy project, and present the upcoming educational opportunities. After the meeting, Carrie Sowden will be giving a presentation on key shipwreck archaeological sites around the world. This is an opportunity to learn about shipwrecks from across the world as well as across time. The highlight will be the archaeological work that was done on the excavation of the shipwreck and what was learned from these studies.

*Please let Carrie know
if you plan on
attending the October
28 meeting – so we
have plenty of seating
for the group.*

440-967-3467 x 6

or

shipwreck@inlandseas.org

Underwater Archaeology

*Saturday, August 25th,
2006 found 23 intrepid
MAST members
boarding the Holiday for
a "fun" dive out on the
Dundee site.*

*Thanks to Captain's
Wayne and Francine of
the Holiday for safe
transport and a great
survey/dive platform.*

Saturday, August 25th, 2006 found 23 intrepid MAST members boarding the *Holiday* for a "fun" dive out on the *Dundee* site. Mixed weather forecasts had 0-2' waves, 1-3' waves, and 2-4' waves subsiding. So, we decided the only way to really know was to stick our nose out in the lake. Well, we started in 1-3' waves and by the time we got on site they seemed more like 2-4' with an occasional big roller.

We were able to hook onto the mooring without any difficulty and all looked secure so we decided to open the pool. Several eager divers were already geared up and ready to go even before we had the ladder down. A few kind souls fed the fish before getting ready to dive. Almost everyone made the first dive.

Reports from the returning divers put the thermocline just above deck level with visibility at about 3-5' in most areas. A few reported better vis at the extreme bow and stern areas. Despite the limited vis, everyone enjoyed the freedom to venture about the whole wreck.

By the second dive the lake had begun to lay down and was in the 1-3' range with an occasional roller. It was decided to stay on the *Dundee*

rather than move to the *Admiral* since the vis was probably low there too and several people wanted to explore the *Dundee* further. More than half the group made a second dive. Matthew Ballish was kind enough to spend the later part of his dive recovering the entire baseline from the project. Jim and Michelle Dickey spent both of their dives doing a little extra investigating and recording of a "special feature" they found on the wreck. Everyone gained a little more experience dealing with Lake Erie and with rougher water entry/exits.

Although it was not the calm water and good vis experienced during the survey dates, most of the divers were having a good time seeing what they could, exploring new parts of the site, and swapping stories on the boat. Thanks to Captain's Wayne and Francine of the *Holiday* for safe transport and a great survey/dive platform. Thanks again to all of the survey participants. Without you it doesn't happen. Hope to see even more of you on the next project.

Ken Marshall

chair@ohiomast.org

ksmarshall@core.com

Treasurer's Report

As of September 11, 2006, our balance was \$3,463.12. In the last quarter, we expended 5,000 on the project to set concrete mooring blocks on six shipwrecks. We have applied for the second 5,000 of grant funding and anticipate receiving it within 90 days. However, these monies are already committed for placing the remaining four blocks.

Grant funding supports new projects but does not support ongoing maintenance. As an example, so far this year we have spent \$1,680 maintaining our existing moorings. Funds went to reimburse fuel for placing the moorings in the spring, replacement parts, instructional placards on how to use the

moorings, and (the most unique item) a sledge hammer. This last was needed to break out part of one of the concrete blocks so the chain would fit,

Yours and your clubs donations make it possible for us to continue our award winning programs. All donations are tax deductible. Please make your check payable to MAST and send your contributions to:

Treasurer, MAST

P.O. Box 93352

Cleveland, OH 44101-5352

Georgann Wachter, Treasurer

treasurer@ohiomast.org

2006 Calendar of Events

September 16 - Pirates Day Dive/Party with Deep Six Specialists in Akron (proceeds benefit MAST).

October 18 - *Dundee* project by Carrie Sowden for the *Mather's* Land Lubber Series at Canal Park.

October 28 – Membership mtg, followed by “Shipwreck Archaeological Sites” with Carrie Sowden.

December TBA – Research Symposium at The Historical Collection of the Great Lakes at BGSU.

January TBA – DAN O2 provider course for MAST members only.

February TBA – Membership mtg, followed by “Story Time with Jim Paskert” (to be confirmed).

March 9-11 ScubaFest and the Friday Casino Night benefit for MAST.

April 21-22 – GLHS/MAST Underwater Archaeology Workshop at GLHS.

April 21 - MAST annual meeting and banquet (speaker TBA).

May 19-20 – GLHS/MAST UWA in water practice session at White Star Quarry.

Questions? Contact

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Your donations help to fund projects and purchase needed supplies. If you are interested in making a donation, please email us at:

donation@ohiomast.org



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