

# EDINA MODEL YACHT CLUB

## SAIL & SCALE

## NEWSLETTER

OCTOBER, 2010

VOLUME 19, NUMBER 10

### Tall Ships of the Great Lakes

By Dan Lewandowski

Every summer, numerous tall ships ply the Great Lakes, taking part in Tall Ships Festivals in Duluth, Milwaukee, Chicago, Cleveland, Erie and many other Great Lakes ports-of-call.

I had the pleasure this August of sailing on the US Brig Niagara, a very accurate replica of Oliver Hazard Perry's flagship in the Battle of Lake Erie in 1813.

Here are some pictures of various tall ships, taken from "before the mast" on Niagara on Lake Michigan and Lake Erie. (continued on page 5)



Pride of Baltimore under full sail on Lake Michigan..

#### SCHEDULE OF EVENTS:

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<b>-Open Boating every Tuesday and Thursday 5:00 - 9:00 p.m. and every Sunday 4:30 - 9:00 p.m.-</b>		
October 19, Tuesday	.....7:00 p.m.-:9:00 p.m. ....	.....Membership Meeting
November 16, Tuesday	.....7:00 p.m.-:9:00 p.m. ....	.....Membership Meeting
November 20, Saturday	.....7:00 p.m.-10:00 p.m. ....	.....Drydock Party

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## COMMODORE'S CORNER



By Joe Steele

### THE MINNEHAHA

We had a really special meeting last month with the largest attendance this year. The guest speaker was Jim Ogland from the Minnehaha Museum, who gave us detailed information about the history of the Minnehaha. Attending with him was Sharon Provost, the wife of Jerry Provost, the diver who located the Minnehaha. The boat will be pulled from the water this month and they will need help at that time. I will let everyone know when this happens. Let's see if we can get a work party to go over there.

Dave Bros will be presenting his ideas on things that stick at this month's meeting. I don't know of anything more important when building a model boat. Bring your question and Dave will give us the answer. Lets stick together.

Paul Olsen has been working on a secret project. Next time you see him ask him about it.

The running season is coming to a close and we are thinking about starting winter project. Bring your ideas and project to the meeting and share them with the members

-Joe Steele

## NEW APPOINTMENTS AND ELECTIONS

Yes, it is that time of year that we seek any members that would like to take a more "active role" in our club. The success of EMYC depends on new ideas and people. Elections will be held for positions for next year at the October meeting.

### Special Thanks...To members that contributed to this

Sail & Scale: issue : Dale Johnson, Dan Lewandowski, Don Westley, & Joe Steele. Did I mention Dan Lewandowski? He supplied most of the content for this newsletter. Thank Him!



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## AT THE MEMBERSHIP MEETING

OCTOBER 21, 2010

By Don Westley



The meeting opened with 31 members in attendance. Two guests were present: Arlene Johnson and Gerald Olson, Paul's brother.

The Meet Your Fellow Member feature was Jeff McCabe. Jeff grew up in Riverside, Illinois in a Sears & Roebuck catalogue house. Apparently he experienced a normal, uneventful childhood. He earned a Landscape Architecture degree at Iowa State University. Revealed hobbies include boats, trains and Boy Scout activities. He has been married 30 years and has two children.

Announcements: Todd Moen requested articles for the Newsletter. Joe Steele is seeking an elections chairman and committee for upcoming EMYC board elections. He also commented on the Fast Electric Boats event that occurred the previous weekend.

The September meeting feature was a presentation about the Steamboat Minnehaha that has been restored and is currently offering tours on Lake Minnetonka. This program was presented by Jim Oglund and Sharon Provost. Jim Oglund was one of the original steamboat captains. Sharon Provost's husband was the diver that found the Minnehaha hull on the bottom of Lake Minnetonka. She is also the editor of the Steamboat Minnetonka website.

The program covered the history of the Minnetonka and it's six sister ships which were built by the Twin Cities Rapid Transit Company that operated streetcar lines in Minnesota. Many steamboats were built during the 1880's to handle water transportation needs for Lake Minnetonka hotels and resort customers. This transportation demand started to wane in the 1890's until Thomas Lowry extended streetcar lines to Excelsior, Tonka Bay and Deephaven, and established Big Island Park to attract patrons. The Big Island Park handled an average of 15,000 attendees a day during peak times. In 1906, the TCRT company built six 70 foot fast express steamboats, including the Minnehaha, along with three 142 foot excursion boats. The seventh express boat was built in 1915. The "express boats" handled approximately 27 ports of call between 1906-1926. The routes changed several times throughout the years,

according to needs. By the 1920's ridership was at an all-time low, involving only two boats and two routes. The express boat service was discontinued in 1926 and the steamboats were sold, scrapped or scuttled. The Minnehaha remained on the bottom of Lake Minnetonka until 1980. After a four year search, the hull was found by Jerry Provost, a professional diver and founder of Vets Salvage Diving, Inc., an underwater construction company. The hull was raised in 1980, but sat for 10 years until funding, legal problems and other issues were solved. The steamboat underwent six years of restoration, and currently offers seasonal lake tour services to the public from it's own dock located at Bay Side in Excelsior. This boat has survived the lake elements and has been restored to an incredible degree of immaculate detail to provide an outstanding piece of Minnesota history to the public. Please look at their website, [www.steamboatminnehaha.org](http://www.steamboatminnehaha.org), and if interested, they are always looking for volunteer support.

Captain Jim Oglund's presentation concluded with restoration experiences and details about the Minnetonka. Sharon Provost presented copies of the book, *Salvaged Memories: The Raising of the Minnehaha*, written by Jerry Provost, to each meeting attendee. This is a great book that covers the history, the search for, the recovery, and the restoration of the Steamboat Minnehaha with extensive detail and pictures. Thank you, Sharon!

Show & Tell was short and slightly anticlimactic after the foregoing presentation. Joe Steele showed us his fast boat Stiletto, manufactured by ProBoat.

## TALL SHIPS OF THE GREAT LAKES (CONT.)



The HMS Bounty was Built for the 1962 movie "Mutiny on the Bounty" with Marlon Brando. HMS Bounty has appeared in many documentaries and featured films such as the "Pirates of the Caribbean Dead Mans Chest" with Johnny Depp. This square rigged sailing ship is known for the storied mutiny that took place in Tahiti in 1789 on board the British transport vessel.

**HMS Bounty, firing a salute in Erie, PA.**

One of six warships built to regain control of the upper Great Lakes from the British during the War of 1812, the hastily built Niagara was Commodore Oliver Hazard Perry's relief flagship in the Battle of Lake Erie on September 10, 1813. In this pivotal naval battle the entire British squadron of six warships was captured by Perry's nine ship squadron. This victory led to the reopening of American supply lines on the upper Great Lakes.

**Niagara in some stiff wind..**



**Ships on parade during the Summer 2010 Great Lakes tour**

## TALL SHIPS OF THE GREAT LAKES (CONT.)



The sailing ship Europa is a steel-hulled barque from the Netherlands, built in 1911, as a lightship at the H.C. Stülcken & Sohn shipyard in Hamburg, Germany. Until 1977, it was in use by the German Federal Coast Guard as a lightship on the river Elbe. In 1985 a Dutchman bought the vessel (or what was left of it), and in 1994 she was fully restored as a barque, a three mast rigged ship, and retrofitted as a special-purpose sail-training ship.

**Europa in Chicago harbor.**



Initially designed as deep sea fish lugger, the hull was built in 1952 and directly equipped to service the military fleet of former East Germany. . Discovered by a handful of enthusiasts in Wolgast in 1992, she was converted and rigged as a traditional brig - a tall ship intended for sail training.

**Roald Amundsen on Lake Michigan.**

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Contact:

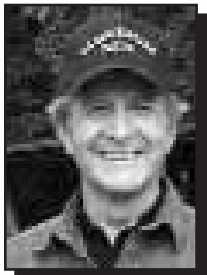
Kevin Waldo (612) 789-7104

### **Cub Burgees and Stickers**

Contact:

Mickey Kiriara (952) 881-2866

## BUILDER'S CORNER



### TWISTED LINE FOR SCALE MODEL SHIPS

By Dan Lewandowski

Realistic looking twisted line for scale tugboats, sailing vessels, fishing boats and any other R/C boat models can be difficult to find. There are some on-line sources of "fine-scale" rigging line, but the line is expensive and generally only smaller diameters are available. Or, you can make a ropewalk and twist your own line to custom scale diameters.

Better yet, though, is low cost, high quality, good looking twisted nylon line made for seine nets. I first saw this line used by the ship modeler at the Erie Maritime Museum. It's not the same as the cheap braided nylon line typically found at the local hardware store -it's a firmer twist and uniformly round. The line is available from on-line cordage companies and in a wide range of sizes. Color choices are white, green and tarred.

The white line can be dyed tan with water based wood stain (e.g. Minwax). The tarred line, which would be great for standing rigging on historic sailing vessels, is "dry" and didn't have any "rub-off" or tarry stickiness. I can't think of a model use for the green line.

Two sources for the line are Memphis Net & Twine ([www.memphisnet.net](http://www.memphisnet.net)) or Wallace Cordage ([www.wallacecordage.com](http://www.wallacecordage.com)). The bonded, twisted nylon seine twine is the preferred product, but some diameters are

available only in unbonded seine. The smallest quantity available is one pound rolls. The biggest difficulty in planning to use this line is figuring out what diameter is needed and what "# size" to order for that diameter. Attached is a table with diameter information I got from measuring actual twine samples supplied by Memphis Twine, or from the above web-sites. I only partially evaluated line stretch because I don't have a long enough sample. It doesn't stretch nearly as much as some "hardware store" twisted nylon I have. But it's main application is probably for scale ships and appearance more so than for performance sail boats where line stretch would be more critical. The picture shows twisted line being carried by a 1/24 scale seaman, and braided line on the shrouds. In historical scale models, I think the twisted line looks a much more authentic than the braided line.



Size Table: See websites for color and size availability.

Twine Size #	Memphis Net & Twine dia. in mm*	Wallace Cordage dia. in mm*
3	<b>0.50</b>	?
4	0.06	?
5	<b>0.71</b>	?
6	0.09	?
7	1.00	?
9	<b>1.14</b>	?
12	<b>1.25</b>	?
15	<b>1.43</b>	?
18	<b>1.67</b>	1.47
21	?	?
24	?	1.85
30	?	1.98
36	?	2.16
42	-	2.36
48	?	2.62
54	<b>2.77</b>	
60	?	2.95
72	?	3.18
84	-	3.43
96	?	?
120	?	4.32
168		5.56

\* BOLD is actual measured diameter of samples

## NAUTICAL KNOW-IT-ALL - YACHTS



**By Dan Lewandowski**

The pictures below are those of some of the largest yachts in the world. The pictures are not to scale. Can you match the names & info below to the correct yachts?



A

B

C



D



E



F

- \_\_\_ **Perserverance II** -123' Largest yacht on Great Lakes
- \_\_\_ **Maltese Falcon** - 289' A technical marvel - fully automated to be run by a single person.
- \_\_\_ **Platinum**- 525' Second largest yacht in the world. Now named the DUBAI.
- \_\_\_ **Eclipse** - 557' Largest yacht in the World. Owned by Roman Abramovich, Russian black market billionaire.
- \_\_\_ **Mirabella V** - 247' Charter her for only \$300,000 per week.
- \_\_\_ **Athena** - 295' Big and fast: 19 knot cruise speed.

### Last Month's Answers...

1. Southern Cross - Crosby, Stills & Nash -1982
2. Wreck Of The Edmund Fitzgerald Gordon Lightfoot -1976
3. Jamaica Farewell -Harry Belafonte 1956
4. Barnacle Bill The Sailor -Bix Biederbecke -1930
5. Last Farewell - Roger Whitaker 1975
6. Kokomo - Beach Boys -1988
7. Sink The Bismark -Johnny Horton 1960
8. Navy Blue - Diane Renay -1964
9. Dock Of The Bay - Otis Redding 1968
10. PT 109 - Jimmy Dean -1962
11. Down Under- Men At Work -1982
12. I'll Sail My Ship Alone - Moon Mullican - 1950
13. Sloop John B. - Beach Boys -1966
14. Beyond The Sea - Bobby Darin-1960
15. Boats To Build - Jimmy Buffett 1992
16. Calypso - John Denver -1975
17. 26 miles - Four Preps -1958
18. Skye Boat Song -Traditional-1870
19. If I Had a Boat - Lyle Lovett -1987
20. Come Sail Away - Styx -1977
- 21..Sailing - Christopher Cross - 1980
22. Brandy - Looking Glass -1972
23. Changes In Latitudes -Jimmy Buffet -1977
24. A Sailboat In The Moonlight - Billie Holiday - 1937
25. Sail On Sailor - Beach Boys - 1973
26. Red Sails In The Sunset -Louis Armstrong -1936
27. Ghosts of Cape Horn - Gordon Lightfoot - 1980
28. Banana Boat Song - Harry Belafonte - 1957



## EDINA MODEL YACHT CLUB

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7499 France Avenue South  
Edina, Minnesota 55435  
www.emyc.org



## OCTOBER MEETING

TUESDAY, OCTOBER 19, 2010 7:00 P.M.  
CENTENNIAL LAKES GARAGE BAND ROOM

### AGENDA:

- Dave Bros- Sticky Things
- Club Election of Officers

### Special Interest Contacts:

#### Scale Boating:

Dan Lewandowski (952) 829-9227 dlewandowski@emyc.org

#### Sail Boating:

Tony Johnson (952) 470-8818 tjohnson@emyc.org

#### Fast Electric:

Dan Proulx (763) 551-4953 dproulx@emyc.org

## 2010 Board Members

**Commodore:** Joe Steele (612) 940-3068  
**Vice Commodore:** Paul Olsen (952) 884-4833  
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**Secretary:** Julia Moen  
**Treasurer:** Larry Wheeler

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