

EDINA MODEL YACHT CLUB

SAIL & SCALE

NEWSLETTER

JUNE 2004

VOLUME 13, NUMBER 6

2004 PARADE OF BOATS

Sunday June 13th will be our biggest event of the season.

By Dale Johnson

Sunday June 13th is the big day and for most members this is the most fun event of the year.

We all get the chance to see the other members' boats on display as well as in the water. Usually all the members make every effort to attend this show and that makes for an exciting event.

This year as in years past there will be an emphasis on keeping boats on the water so make sure your batteries are charged and your boats are ready to run. Also bring all your boats, the more boats we have on display the better, let's not leave any at home this time.

For members the show starts at 9:00 a.m. with set-up. It is important to have everything set up and ready to go by 11:00 a.m. when we open the doors to the public. I think it would be helpful for you to remember the items you help set up and make sure you help put them away at

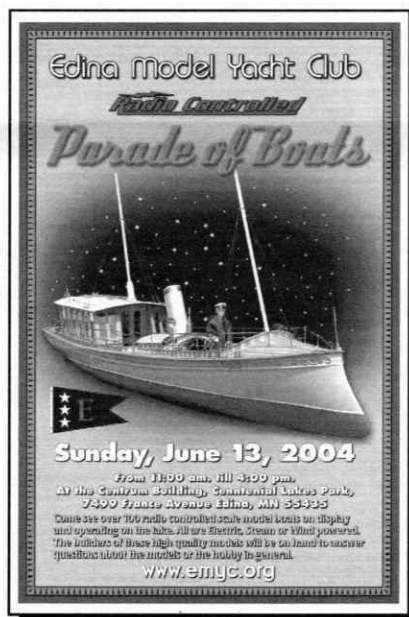
the end of the day.

Hopefully this year there will be some kind of last minute TV coverage, we never know until a day or two in advance whether or not this will happen, so be ready on Friday or Saturday to come down to the pond and give an impromptu demonstration for the TV cameras. We will try to contact as many people as possible at the last minute by phone or email so heads up.

On page two there is a list of names from the sign-up sheet for the Parade of Boats if you have any questions about what your responsibilities are please call the member of your group printed in bold or Commodore Olsen for instructions. After final cleanup as recent tradition dictates there will be a drawing for some door prizes that have been donated to the club. You must be

present to be eligible to win.

Have a great time and I hope to see you all at the 2004 Parade of Boats.



SCHEDULE OF EVENTS:

- Open Boating every Tuesday and Thursday 5:30 - 9:00 p.m. and every Sunday 4:30 - 9:00 p.m. -
- June 13, Sunday 9:00 a.m.-4:00 p.m. Parade of Boats
- June 15, Tues 7:00-9:00 p.m. Membership Meeting

COMMODORE'S CORNER

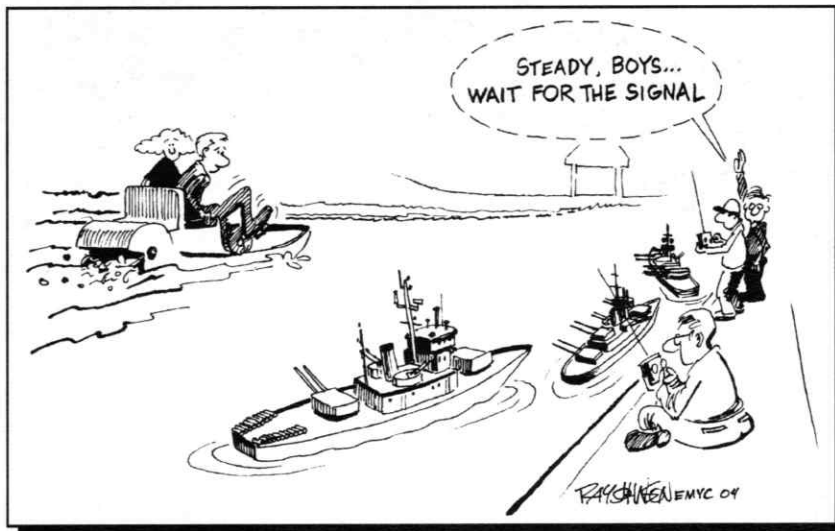


By Paul Olsen

The Parade of Boats is upon us — June 13, 9 a.m. to 4 p.m. Printed below in the gray box is a

reminder for those who signed up for specific duties. If you have any questions about what to do or suggestions for your area please contact the person whose name is in bold in your section, or give me a call. Please watch the schedule of events closely so your boat is in the water on time for your event. Also, watch for open frequencies so that you can help keep boats on the pond at all times. Common sense shall apply when mixing fast and slow-moving boats. I would like to see everyone take part in the Parade of Boats this year. Thank you for the great attendance at the monthly meetings. See you all at the Parade.

—Paul Olsen



PARADE OF BOATS SIGN-UP LIST

MEMBERSHIP & INFO TABLE

Dale Johnson, Pierre Dussol, Allen Nelson, Andy Valentine, John Miller, Doug Person, Jack Gilbertson, Don Swain.

BUILDING TABLE

Dave Bros, Mike Ross, Keith Kaletta, Jeff McCabe, Dick Walker, Neil Maldeis.

FREQUENCY BOARD

Fred Ferris, Bill Poland, Keith Kaletta, Wayne Snyder, Alex Raupp, Jack Gilbertson.

P.A. ANNOUNCER

Alex Raupp, Tim Smalley.

INSIDE SECURITY

John Bishop, Gary Phillips, Mike Ross, Bill Poland, Mickey Kiriara, Greg Gilbert, Alex Raupp, Kirk Brust, Ron Bongard.

REFRESHMENTS

Mickey Kiriara, Larry Johnson, Kraig Jones, Bill Hall, Joseph Hall, Ron Olson.

OUTSIDE PEOPLE CONTROL

Bill Poland, Doug Campbell, Alex Raupp, Neil Maldeis.

FOR SALE TABLE

Doug Campbell, Terry Splettstoesser.

EMYC New Members

C.W. Gustav Eifrig

David Goebel

Elen Knudsen

Erik Knudsen

Ray Meifert

Jeremy Olson

Tim Peterson

— Welcome to the Club —

ONE ODOM STORY

By Terry Mackey



For me it all started about four years ago when a couple friends and I bought Mini-Solings, thinking RC sailing could be a fun thing to do with the wives. After building, all I could hear in my head was "You could have built an ODOM"...I always liked their looks.

Then after attending an EMYC meeting I was convinced that the Fairwind was the boat to sail/race at the ponds. So I checked all resources for a used one. Finally after much research, I found one in Michigan. It arrived in good shape and I was ready to sail with the "guys". But then I heard "You could have bought an ODOM"...I always liked their looks.

Well, after some time behind the sticks of the Fairwind the notion came to me to get a CR 914. What a sleek boat and fast too! I again ran to the internet to find an already built 914 (you may have noticed I really don't like building). The best I could do was find a good deal on a NIB. The building started and was completed in 30-40 hours to finish in time to attend a regatta in Chicago. Only 1 meter boats showed up, including ODOMs... "You could have spent the time on an ODOM"...good looking boat.

Wait...get yourself a Laser, there were two at the time in EMYC. Not real interested, but a nice boat...and no building! Again I started up the computer and eventually found two on the net. Sold one to a guy in the club and got into some racing and competition for a while...then 2 then 6 then 10 more showed up at the pond for racing series 3 times a week. Fun, but "I could be racing an ODOM"...fast boat and looks great.

"Anyone want to get some ODOMs?" Not a peep...so I

thought if there's no competition, why bother? But I did rev up the machine anyway and scoured the electronic world. Maybe I could get one at a reasonable price and just sail for the heck of it. Not much available at the time...but found a few. One looked nice (but they all look nice) in Atlanta. After some negotiations the deal was cut and the boat was on its way. The excitement and anxiety when it arrived was like a first date. Would this be the one? And like most first dates... disappointment! The hull was crushed during shipment! At first glance it looked like



Craig and Terry at work.

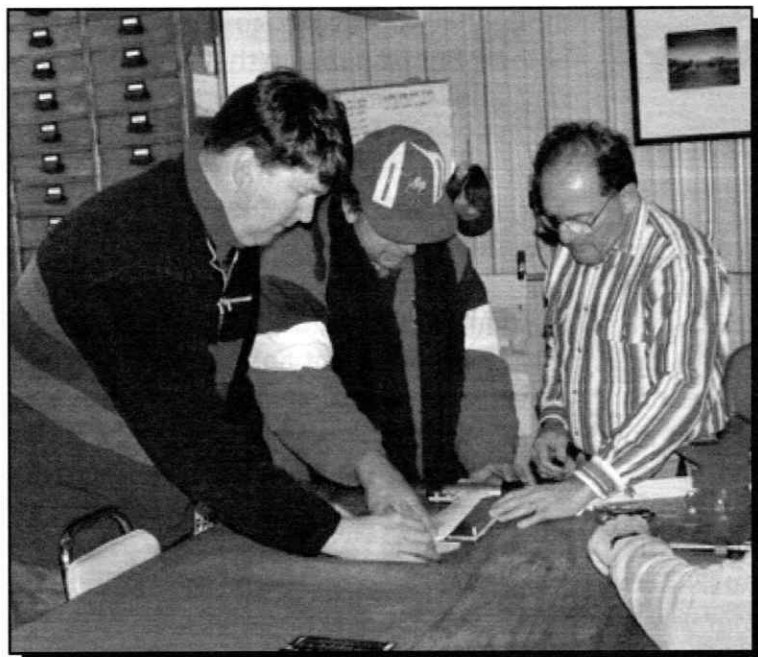


The ODOM shipment arrives.

a good build, but upon more scrutiny...a poor build. Somehow I was relieved that I had to send it back. I had my hands on my first ODOM...nice feeling boat.

During this incident Craig Young called me about what boat to buy.

I told him Fairwinds and Lasers were popular in the club. "Yea, but I like ODOMs" he said. Hey "I like ODOMs too!" I said. He was going to build two over the winter of '02-'03. I could get another by spring and then we would have three, enough to race.



Craig Young, Fred Ferris and Larry Wheeler.

He showed up in early summer with two spectacular boats. Everyone seemed to like them. Well, it took me until late summer to obtain a perfectly built ODOM and we did some sailing and a little racing for a few weeks. I was actually sailing an ODOM...finally! Nice boat.

I'm not sure which sailor started the conversation about buying 8-10 ODOM kits and building over the winter. More discussion pursued over the next few weeks, and by fall there was an order for 9 boats ready to send. But I already had an ODOM, but wouldn't it be fun to "gang" build? Yes it would...so after picking a color combination, I also ordered one. It was the largest (10 total) one-time order ever placed with the manufacturer GRP.

We were assured the bunch would be in our hands by Thanksgiving. Around Christmas they arrived on a pallet. We still had to buy radios, sails, servos, spars and all hardware (if you didn't get the hardware kit) to finish them off. There are no rules on sail suppliers except the "engines" must be cut according to specs. Discussion on who made the best sails

seemed to last for weeks. The servos are open...so servos were ordered by weight and torque. Hardware fittings and spars are also up to the builder. Minimum weight is 7 lbs. 6oz...so the basic challenge was to build them as light as possible.

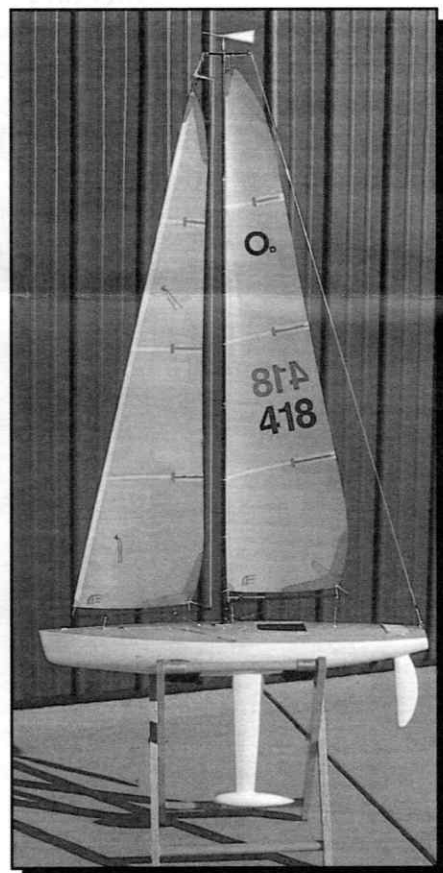
The process began with an unwrapping at Craig's hanger. Perfect venue with plenty of room for 6-8 builds at one time. It ended up that six of us spent multiple Saturdays with the master builder helping guide us along (this was now his third ODOM). Building wasn't as difficult as the instructions indicated, but just a little intimidating. Good times, plenty of laughs and a new fleet of ODOMs was born with Craig as the fleet captain.

The completion came sooner than expected. By mid February seven boats were done. One was built at home and six on the premises. Two are yet to be built, but I was told they'd be in the water by spring. Well, we couldn't wait for spring...so on February 29 (leap day) we took the leap in an indoor pool with five fans moving the air around for about an hour. Still a lot of tuning to be done and a few glitches to fix, but none sank and only a handful of minor bumps resulted.

During this summer we'll be sailing/competing here as well as in Wisconsin and Illinois. This September 18-19 EMYC will be hosting the ODOM Nationals at Centennial north. Looks like the ODOM fleet has become a reality...I always liked this boat.

Oh, yes...I have one extra ODOM now. So if you want to discuss, contact me at [REDACTED]

—Terry Mackey



The ODOM.

AT THE MEMBERSHIP MEETING

MAY 18, 2004

By Jim Smith

Commodore, Paul Olsen called the meeting to order at 7:05 PM.

Commodore asked new members and guests to introduce themselves.

New member, Tim Petersen announced his interest in sail and fast electrics.



Paul Olsen.

Paul asked John Bishop for a report on the Parade of Boats preparations. Good response from members volunteering for various committees. John suggested that members refer to the comprehensive Parade update in the May newsletter.

He also requested that as many members as possible arrive at the Centrum by 9:00 o'clock for room set-up. Since parking is a big issue on Parade Day, an early arrival affords better chance for a decent parking spot. Driving to the Centrum door is acceptable for drop-off, but please remove your vehicle as quickly as possible. Ask for assistance in unloading if you need it.

Doug Person displayed several shirts, readily available for purchase at Team Mates and other venues such as Land's End Outlet that can be embroidered with club logo, name, etc. He accepted orders for shirts that will be available before or at the Parade.

Doug also mentioned his recent trip to Hawaii, Pearl Harbor and the BB USS

Missouri. He passed a copy of "The Bridge", the newsletter of the ship.

Dave Bros requested "in progress" models for the Builder's Table.

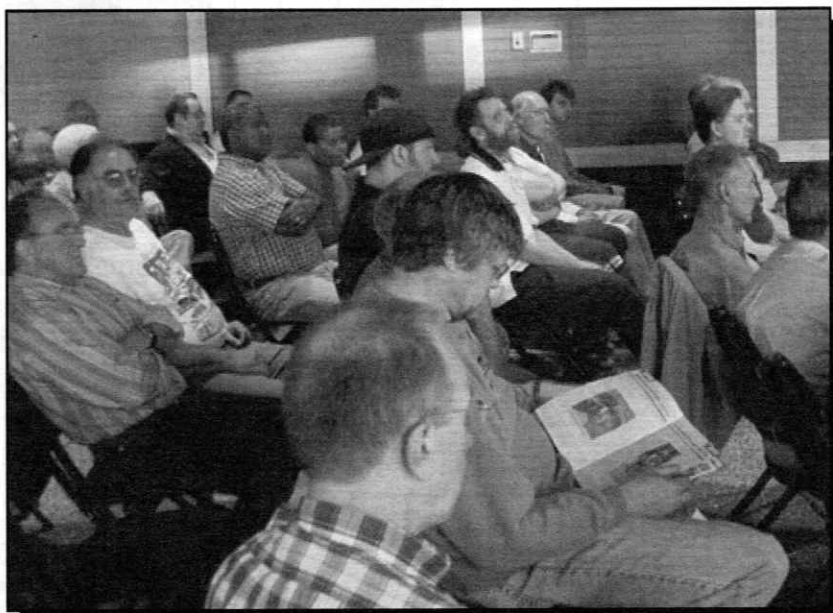
Tim Smalley reiterated his appeal that as many boats as possible be operating continuously throughout the day.

Dick Walker suggested a simple "cost-to-build" sheet be prepared for visitors.

Fred Ferris noted that such a price comparison for sailboats was currently on our website.

Fred, our returning "frequency control guy", requested in the strongest terms that frequency control pins be returned to him immediately after running your boat. Drop them off on your way back to the Centrum Building before you return your boat to the display area.

Mike Ross mentioned the club discount available at Hub Hobby. Show your membership card and receive 10% off on all items that are not already discounted. Mike also noted that most hobby shops will take a servo from a newly purchased radio in trade for a sail winch servo. You pay the difference in price, of course, but you don't end up with a bunch of servos that you can't use.



May 18, 2004. In the Band Room. 45 members in attendance.

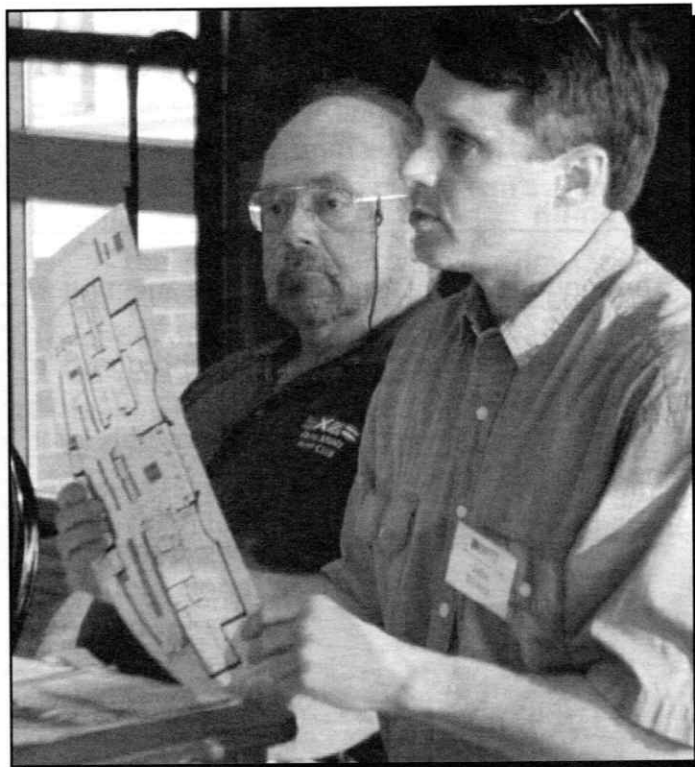
Commodore announced that several door prizes have already arrived from vendors. These will be raffled off (name in a hat) after the Centrum clean up has been completed on Parade day. You must be present to win. There will be something for everyone.

Meeting adjourned at 7:55 PM

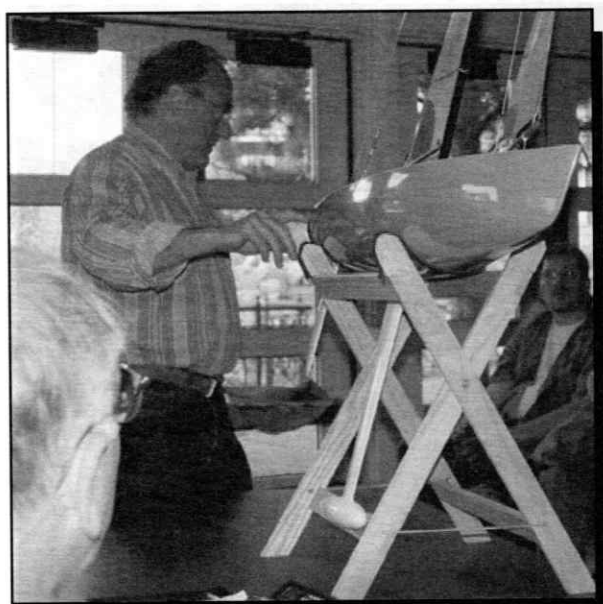
Larry Wheeler showed his new ODOM (one design one meter) racing sailboat. The boat kit contains a gel coated (colored) hull, mast and boom. Most other components, such as rigging, sail, winch, etc. must be purchased in addition. On-the-water cost of this 7 pound, 6 ounce boat is about \$600. Could it be that the only pre-Fairwind, "Tradewind" sailboat in the club is to be retired?

Don Swain showed his "in-progress" tow boat hull and mechanicals. About 1 1/2 times the size of a Polo Tug, it will be highly maneuverable with its rudderless twin thrusters rotating through 180°.

Doug Campbell showed his completed, 12 cell, scale racer, "Guy Lombardo Shovelnose." Doug is marketing this vacuum formed boat on the internet for only \$80. The kit includes a three piece hull, all interior bracing (laser cut), dash board, steering wheel, and a soon-to-be-available scale driver. A lovely, classic boat at a very reasonable price.



John Bishop and Tim Smalley go over the final details for the Parade of Boat event with the membership.



Larry Wheeler introduces the group to the ODOM.



EDINA MODEL YACHT CLUB

Your contact for Yacht Club "Logo Gear"

is

Doug Person

I have three fantastic catalogues filled with clothing choices you can select to have embroidered by Team Mates, Egan.

Some clothing examples include: Polo and Chambrarty Denim shirts... Sweatshirts, Jackets, Caps, Vests, or your own shirt or jacket, etc. Embroidery options include our club logo and/or burgee with your name, boat name, number, etc.

Typical costs range from about \$28.00 to \$33.00 (of course, price will depend upon the garment choice and amount of embroidery you choose)

Fly your colors...EMYC!!

EMERGENCY SAFETY ALERT

— Lithium Battery Fires —

AMA Safety Committee

Lithium batteries are becoming very popular for powering the control and power systems in our models. This is true because of their very high energy density (amp-hrs/wt. ratio) compared to NiCads or other batteries. With high energy comes increased risk in their use. The principal risk is FIRE which can result from improper charging, crash damage, or shorting the batteries. All vendors of these batteries warn their customers of this danger and recommend extreme caution in their use. In spite of this **many** fires have occurred as a result of the use of Lithium Polymer batteries, resulting in loss of models, automobiles, and other property. Homes and garages and workshops have also burned. A lithium battery fire is **very hot** (several thousand degrees) and is an excellent initiator for ancillary (resulting) fires. Fire occurs due to contact between Lithium and oxygen in the air. **It does not need any other source of ignition, or fuel to start**, and burns almost explosively.

These batteries must be used in a manner that precludes ancillary fire. The following is recommended:

1. **Store, and charge, in a fireproof container;** never in your model.
2. Charge in a protected area devoid of combustibles. Always stand watch over the charging process. **Never leave the charging process unattended.**
3. In the event of damage from crashes, etc, carefully remove to a safe place for at least a half hour to observe. Physically damaged cells could erupt into flame, and, after sufficient time to ensure safety, should be discarded in


accordance with the instructions which came with the batteries. **Never attempt to charge a cell with physical damage**, regardless of how slight.

4. Always use chargers designed for the specific purpose, preferably having a fixed setting for your particular pack. Many fires occur in using selectable/adjustable chargers improperly set. Never attempt to charge Lithium cells with a charger which is not, specifically, designed for charging Lithium cells. **Never use chargers designed for Nickel Cadmium batteries.**
5. Use charging systems that monitor and control the charge state of each cell in the pack. Unbalanced cells can lead to disaster if it permits overcharge of a single cell in the pack. If the batteries show **any sign of swelling**, discontinue charging, and **remove them to a safe place outside** as they could erupt into flames.
6. Most important: **NEVER PLUG IN A BATTERY AND LEAVE IT TO CHARGE UNATTENDED OVERNIGHT.** Serious fires have resulted from this practice.
7. Do not attempt to make your own battery packs from individual cells.

These batteries CANNOT be handled and charged casually such as has been the practice for years with other types of batteries. The consequence of this practice can be very serious resulting in major property damage and/ or personal harm.

Safety Committee
Academy of Model Aeronautics
 5161 E Memorial Drive
 Muncie, IN 47302

— Submitted by Wayne Snyder



2004 ODOM National Championship
 September 18th & 19th
 Centennial Lakes - North Pond

Hosted by The Edina Model Yacht Club
 Edina, Minnesota

For Notice of Race / Information & Registration Contact:
 Judd Morgan

D

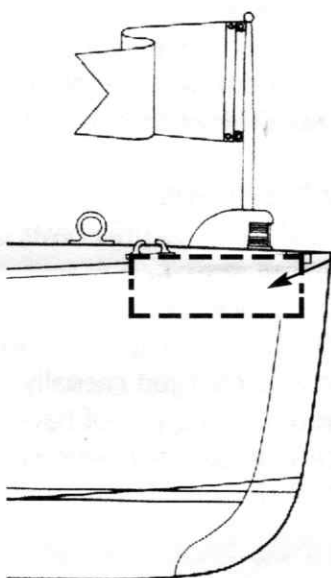
BUILDERS CORNER

ADDING WORKING LIGHTS

To your mahogany runabout

If you intend to have working lights you must prewire or lay in your wiring before you deck the boat.

Run a long loop of wire to a chamber below the bow navigation housing



You may have to cut a chamber in the balsa under the navigation light housing

This is what is meant by a loop of wire.

After the deck is built you can fish the wire out through a small hole in the deck. You then cut the wire and you have your two leads.

You can use a dental tool or a piece of stiff wire to fish out the loop

Use a 3 volt light bulb.

Power your lighting circuit with two AA batteries

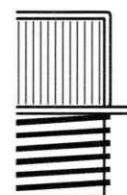
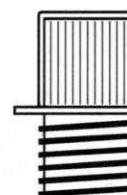
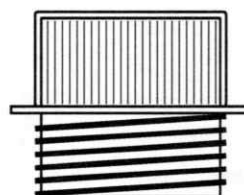
Coil enough wire in the chamber to comfortably work with— Say 4"

For the lenses I used Radio Shack part No.272-325A. It is a holder for bayonet base lamp. The lamp base includes 1 red and 1 green lens. Basically you then cut them in half and glue a red half to a green half.

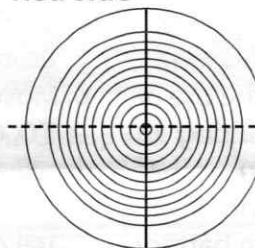


Green side

Red side



Red side

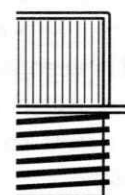


Green side

Glue joint

Cut each color lens in half then glue a green half to a red half and cut it in half again at 90° to the Glue joint

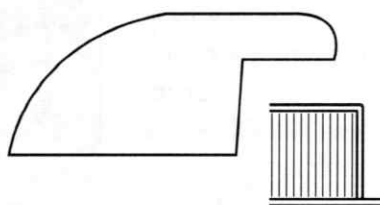
Cut line



Cut the threaded part off

Use CA glue to attach the halves and to attach the lens to the housing

As you look at the light head on, red is on the right and green is on the left



Sand the lens to fit the navigation light housing taking a little off the top and bottom

ODOM SUNDAY CHALLENGE 2004

Come join us on Sundays from 2:00 to 4:30 on the North Pond for some fun and educational ODOM racing. The complete schedule is as follows: **Series 1:** May 9, 16, 23, 30. **Series 2:** June 6, 13, 20, 27. **Series 3:** July 11, 18, 25, Aug. 1. **Series 4:** Aug. 8, 15, 22, 29. **Series 5:** Sept. 5, 12, 26, Oct. 3.

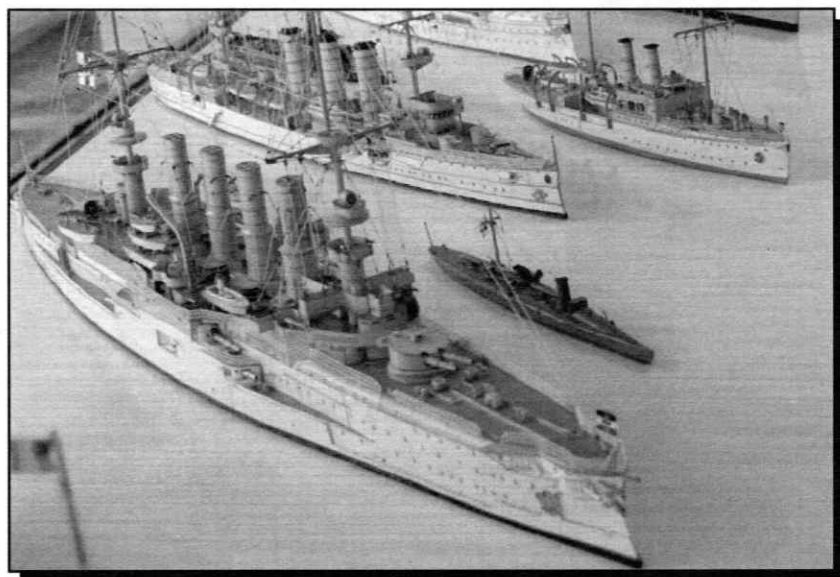
We will try to sail 10 races if time permits, otherwise as many as the wind will allow.

Scoring will be by the low point system we have used in the past. DNS's and DNF's will score number in fleet + 1. There will be 1 throwout every 5 races. Points will accumulate for each series to determine the standings for that series. At the end of each series, skippers will receive a rank that will be used to determine the final season standings. In the absence of a dedicated scorekeeper, I would like the winning skipper to score the race.

I'll e-mail everyone the results each week and bring a print-out the next Sunday. Most of all, let's have fun and get in some good practice for the Nationals!

— Craig Young

A DIFFERENT TYPE OF MODELING



Paper model boats

Perhaps after our club members tire of getting their boats wet they may like to try building models out of paper...as are all those in the photo from a recent show in Treffen, Germany.

— Jim Smith

SPECIAL THANKS

To all the members that contributed to this issue of the Sail & Scale. Without you this publication would be nothing.

John Bishop, Ray Johnson, Terry Mackey, Paul Olsen, Doug Person, Alex Raupp, Tim Smalley, Jim Smith, Wayne Snyder, Craig Young.

- NOTICE - MONTHLY MEETINGS

During this time of year it is very difficult to tell exactly where the monthly meetings will be held. We will try to hold them in the Centrum Building but often times the building is not available, in that case the meeting will be switched to the Band Room in the Garage, as in the winter.

— Please check both locations. —

2004 MODEL SHIPS & BOATS CONTEST

August 6-8, 2004

Manitowoc, Wisconsin

Sponsored by the Wisconsin Maritime Museum and Seaways' Ships In Scale Magazine.

CLUB SHIRTS HATS ETC.

Contact:

Douglas Person

Cub Burgees and Stickers

Contact:

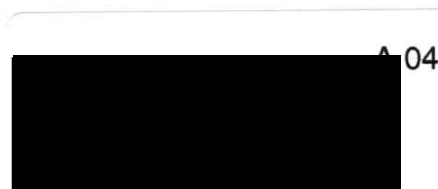
Tom Weigel



EDINA MODEL YACHT CLUB

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

Edina
Recycles



JUNE MEETING

TUESDAY, JUNE 15, 2004 7:00 P.M.
CENTENNIAL LAKES GARAGE BAND ROOM

Parade Review

At the June meeting we will be reviewing the
Parade of Boats.

Special Interest Contacts:

Membership:

Dale Johnson

Scale Boating:

Tim Smalley

Sail Boating:

Tony Johnson

Fast Electric:

Andy Valentine

2004 Board Members

Commodore: Paul Olsen
Vice Commodore: Tim Smalley
Vice Commodore: Dave Bros
Vice Commodore: Dale Johnson
Vice Commodore: Keith Kaletta

Newsletter Editors: Dale Johnson & Alex Raupp

Please send articles by email to:

Deadline for articles to be considered for the July
publication will be Monday June 28, 2004.