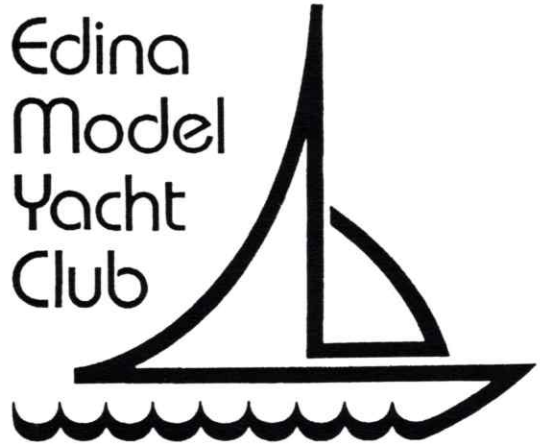


# EMYC NEWSLETTER

Edina  
Model  
Yacht  
Club



JANUARY 1994

VOLUME 3, NUMBER 1

## NOVEMBER'S MEETING

*by Jim Smith*

Nineteen members and guests attended the unofficial meeting at the Centrum Building. It appears that the membership is well on its way to operating a larger fleet in '94. On display in various stages of completion were: a scratch built hydroplane, river tug and speed control all by J. McCabe; a Danish Admiral cruiser by D. Campbell; a sail making jig and a Great Lakes fishing tug "Hildegard" diorama by G. Anderson; a speed control / motor hook up rig by J. Bishop; a "Seguin" tug by R. Kjellberg; and an "Olsen" tug hull with deck by J. Smith which was fitted with a superstructure by P. Olsen. The gathering broke up just after nine o'clock with several requests for "more of the same"!

## GREAT LAKES FISHING TUG

*by Glenn Anderson*

My project for the winter is a 34" model of a typical Great lakes Fishing Tug that is about 45 feet long. My wife Hildegard (hence the name of my model) and I spent several weeks in Northern Wisconsin taking photos of these tugs and talking to retired fishermen about them. My model is scratch built - even the real

ones didn't have plans. Full sized versions were planked and then sheathed in steel plates for breaking up the ice. I decided to carve mine out of foam and then cover with glass cloth and epoxy, leaving the cloth quite rough. I am going to leave as much foam in places as I can and see if it looks like enough flotation. I also want to see if the foam will stop some of the motor noise. It was a lot of fun taking photos, getting the history and then doing a scale model of these boats.





## 9th Annual Chicago Model & Hobby

Show : *Jim Smith EMYC*

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John Bishop and I flew to Chicago on Nov.6th to spend the day at the model and hobby exhibition. Fortunately, both of us have at least a passing interest in model railroading because fully half of the three acres of display by 350 exhibitors was devoted to trains. I estimate the amount of space devoted to boating at no more than two percent!

The Kyosho exhibit would have been of most interest to our sail powered devotees. On display were their new:

20", \$100 list, "Ocean 500"

25", \$160 list, "Beneteau"

36", \$320 list, "Fairwind II"

All available at Tower and local shops at 25% off list price. On questioning a Kyosho representative, I was told that the "old" Fairwind dies were wearing out, and so a redesigned boat was the result. The old Fairwind is no longer in production, and when those in the pipeline are gone, there will be no more!

Close inspection of the "Fairwind II" revealed no noticeable changes to the hull. All deck fittings, winches, etc. are now chrome plated plastic. Handrail stanchions are of a sleeker shape, but I believe that they are now also in plastic. The cockpit floor is finished with a wood grain vinyl sticker. The only additions to the fittings are a pair of rather flimsy pulleys on the fore end of the cabin and equally weak looking cam cleats which are used to hold the main halyard and the jib stay. Each time the cabin is

removed for maintenance, these lines will have to be re fastened. The original poor boom attach pivot and vang and even poorer jib boom fastening method remain on the new boat. Of course, each new kit comes with a lovely blue jib. All these "desirable" changes result in a boat whose list price is \$70 higher than that of the boat it replaces.

Further probing revealed that the old boat's price was so close to that of the Beneteau, that Kyosho decided to improve the Fairwind so that it would not cut into sales of the smaller craft! So much for the "improvements"!

Tamiya, who has produced excellent plastic kits for years is getting into sailing. They had a one meter long scale model of the Yamaha Round the World Yacht on display. It is a completely built, painted, and almost assembled yacht which may be competitive as a one class boat. However, it would be tough to race six boats, all with blue hulls and screaming "Yamaha, Yamaha" from their sails and hull sides! And, the \$650 list price would probably steer most folks toward one of those Steve Rusk EC-12s!

Bluejacket Ship Crafters of solid display model fame, have started to remake some of the non sailing kits from The Laughing Whale line using laser cut parts. They plan on re kitting the 46" Muscongus Bay Lobster Smack sometime next year. That's going to be my next R/C sailboat!

As always, Dumas was there to excite the scale builder. Their recently issued Chris Craft Barrel Back and Mount Washington paddle wheeler

were overshadowed by their 1994 releases, a 28" Monitor and 45" Merrimack, to 1/72 scale. Prototypes of both were on display. The icing on the cake however, was the tug, "Brooklyn", a 1/32 (3/8"=1') 39" long scale model of a 1910 steamer. Beautiful!

Midwest had their complete line of small R/C boats in view. Nothing that has not been available in the local hobby shop for the past several years, however.

Sterling only had their Mahogany Runabout. Nothing new there, either!

Miniatronics looks like a good source for miniature and sub miniature bulbs, both clear and colored. They will sell at a discount to the club. Let me know if you are interested.

Hitec, Hobby Lobby, Robbe and others had a sprinkling of vacuum formed electric race boats in evidence, but I must confess that they all look the same to me. They were mostly squeezed in among the electric race cars, since that's probably where the fast-boat market is developing.

There were, of course more than a few of the weed eater powered "enforcer" type boats. But you've got to have bigger water and ear muffs to run those machines.

Hotchkiss Manufacturing from Oregon builds almost seamless polycarbonate display cases. Prices range from under \$20 for a 3x3x6 case to \$200 for 18x18x24. (Probably about two grand for the Atlantis, Ralph!) If you've got something to protect, it would be difficult to find a nicer case than these.



# Electrical Connections

by John Bishop

If you're involved in R/C boating, you're also involved with mating, coupling, connecting or hooking up electrical wires. We're all familiar with the standard Futaba servo and receiver battery type connections that basically plug into a matching receptacle. It's an easy and simple process - also foolproof in that the plugs have a unique shape that orient the wires properly every time.

These standard plugs are great but other electrical components can also be used in our boats as well, with connectors that are not compatible with one another. These consist of electronic speed control units, electrical motors, separate power sources, lighting circuits, smoke generators, water pumps, bow thrusters, etc.

It may seem like the easiest way to connect units together is by hard wiring. This can always be done but the only problem is that it is a somewhat permanent wiring solution. It's always nice to be able to take things apart, swap components, and pull out electrical items as they are needed for inspections or repair. Rule no. 1: make all electrical items assessable and easy to get at. Therefore use connectors whenever possible.

The standard Futaba plugs work well for servos and are small to handle low voltage and current levels. These plugs however don't work well for other applications though. The higher voltage and

current demands from other items, especially an electronic speed control, would instantly melt this type of connector. Current flow translates into heat and too much heat without the proper connector will cause electrical problems.

The manufacturers have used wires and connectors that can handle the necessary power demands and they generally work well. If you are adapting or modifying these, I would recommend Sermos connectors for high voltage and current applications up to approximately 24 volts and 50 amps [see Doug Cambell's hydros]. Also, Radio Shack has Bullet and blade type connectors for medium to high-type power demands, approximately 12 volts and 30 amps [see the Bart Boat]. A good way to insulate these connectors is by cutting and sliding a piece of silicon tubing over the completed connection. Buss bars work well too for general lighting and accessory systems and are available at Radio Shack, Ax Man stores, and other electronic stores. The buss bar system will allow you to secure soldered or crimped connectors to a main distribution system [see Paul Olsen's big 85 lb tugboat]. Small pin type connectors work well with consolidating a number of connections at one time [see Ralph Peter's 54" schooner].

Whenever you design and/or modify a system, always protect yourself with more durable connectors. Most hobby, electrical, and automotive stores have the items you need for a solid, secure, and reliable electrical connection.

## Fairwind for Sale

An almost new Fairwind (water-ready and only run twice) is for sale by Christopher Jessich. He built the boat with the anticipation of becoming a club member but will now be spending summers elsewhere and is putting the boat up for sale. He is asking \$260 for the complete package which includes the boat, S125 sailwrench servo upgrade, and a 4NBL Futaba radio. The boat is unpainted and the railings have not yet been installed. Interested persons can contact him at [REDACTED]



# SATURN BOATS

I came across this 2 page spread in the January issue of Money Magazine.

Does this mean I'm supposed to buy a Saturn now?



When it's time to ship out with the fleet, Bruce Bober enlists the help of his Saturn wagon.

When you were a kid, were you *sure* about what you wanted to be when you grew up? Well, Bruce wasn't either, but he got a big hint at age eleven when he discovered a love for building *things that move*. And he's been immersed in model-making ever since. (See photo.)

Nor surprisingly, Bruce has managed to use his talents as a tinkerer in his career. He happens to be a Saturn engineer, and his skills at figuring things out come in pretty handy in our Body Development Group.

Like a lot of Saturn team members, Bruce decided to buy a Saturn of his own. (His wife Diane lobbied for a Saturn coupe.) But since the family's got such a hobbyist lifestyle (and because his fleet had graduated from bathtub size to pond size), Bruce decided what they really needed was the Saturn wagon, and its better boat-hauling abilities. (After using it for chauffeur duty, Diane finds the wagon more than adequate in the fun-to-drive category. In fact, she says the kids only like to ride in Dad's car now.)

Even so, as much as he likes his Saturn wagon, we can't say that Bruce is completely satisfied. You see, we still don't offer the Saturn model he *really* wants. Which is, of course, a Saturn that floats. (See photo again.)



**FIRST ANNUAL**  
**WORLD OF TOY & MODEL BOATS SHOW-SWAP MEET**  
**SAT. MARCH 26, 1994**  
 Holiday Inn • Alton, Illinois  
 618-462-1220  
**OPEN TO THE PUBLIC 8 A.M. - 3:30 P.M.**  
**Admission \$1.00**

**RESTRICTED TO BOATS AND MARINE RELATED PRODUCTS**

**FEATURING** Toy Boats, R/C Gas, R/C Elec., Sailboats, Steamboats, Boat Kits of all kinds, manufacturers display. Dealers and collectors here - Bring yours to trade or sell

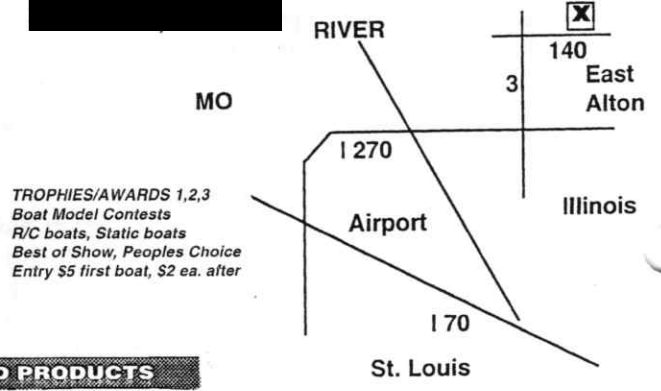
### For more Information:

- Tom O'Dell,
- Bill Arick, 3
- Steve Mulh
- Larry Karlse
- Dick Borger

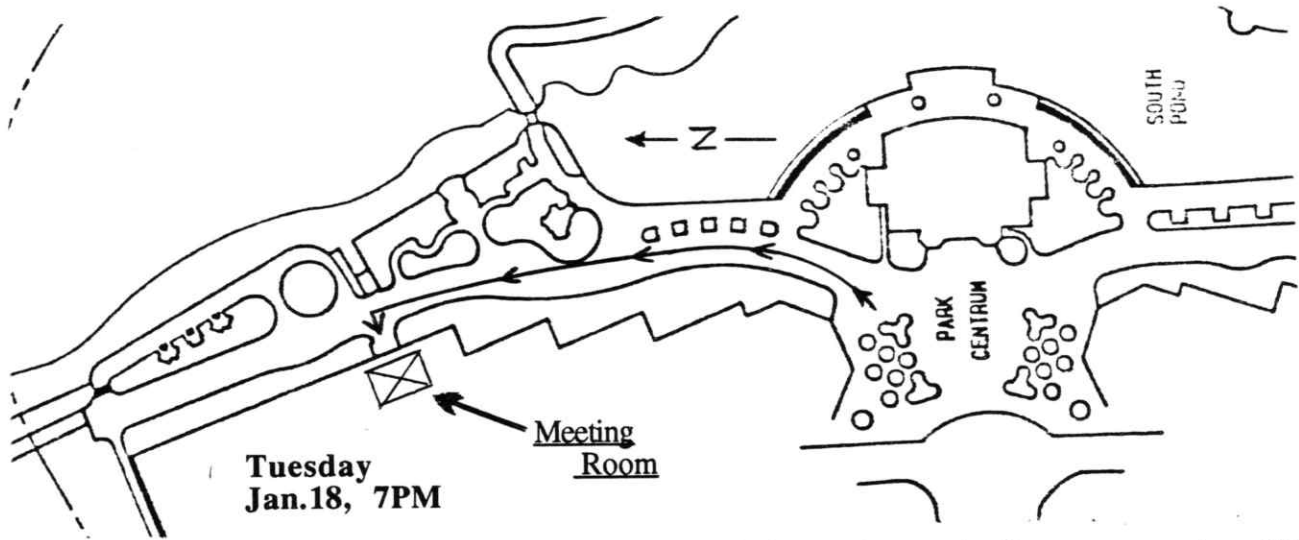
TABLES  
**\$15**  
 2' x 8'  
 DEALER SETUP  
 6 A.M. - 8 A.M.

### For Table Reservation

Mail check to:  
 Tom O'Dell  
 [Redacted]







Tuesday  
Jan.18, 7PM

**Show 'n Tell, Bring 'n Brag:** Drag along your latest building project to the first great meeting of the year!

Miniatronics lamps are now available at *Scale Model Supply* in St. Paul. One asterisk indicates a lamp with a life cycle of 10,000 hours, two asterisks indicate 500 hours, and three indicates 16,000 hours at rated voltage!!

**MICRO MINIATURE**

(8" insulated wire leads)

1.5V** ...15Ma .....1.2mm dia. ....	10 pcs/\$8.75 .....	#18-001-10
	20 pcs/\$15.35 .....	#18-001-20
12V* .....50Ma .....2.4mm dia. ....	10 pcs/\$8.75 .....	#18-012-10
	20 pcs/\$15.35 .....	#18-012-20
14V*** ..30Ma .....2.4mm dia. ....	10 pcs/\$9.45 .....	#18-014-10
	20 pcs/\$15.95 .....	#18-014-20

**COLORED 1.2mm Diameter, 1.5 VOLT, 30Ma**

(12" insulated wire leads)\*\*

Blue .....	10 pcs/\$9.95 .....	#18-B03-10
Green .....	10 pcs/\$9.95 .....	#18-G03-10
Red .....	10 pcs/\$9.95 .....	#18-R03-10
Yellow .....	10 pcs/\$9.95 .....	#18-Y03-10
Clear .....	10 pcs/\$9.95 .....	#18-C03-10
Assorted (20 pcs, 4 of each color) .....	20 pcs/\$17.75 .....	#18-A03-20

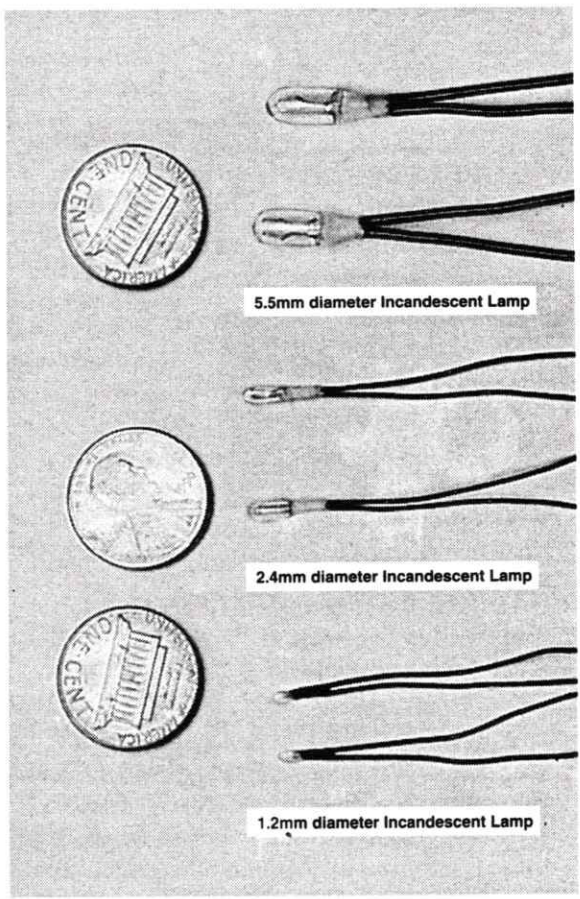
**SUB MINIATURE 5.5mm (8" insulated wire leads)**

6V* .....40Ma .....10 pcs/\$7.95 .....	#18-018-10	20 pcs/\$13.95 .....	#18-018-20
12V* .....50 Ma ....10 pcs/\$7.95 .....	#18-024-10	20 pcs/\$13.95 .....	#18-024-20
14V* .....80Ma .....10 pcs/\$8.95 .....	#18-028-10	20 pcs/\$15.65 .....	#18-028-20
28V* .....60Ma .....10 pcs/\$8.95 .....	#18-036-10	20 pcs/\$15.65 .....	#18-036-20

**NEW! COLORED 2.4mm Diameter, 12 VOLT, 50Ma**

(8" insulated wire leads)\*

Blue .....	10 pcs/\$9.95 .....	#18-B12-10
Green .....	10 pcs/\$9.95 .....	#18-G12-10
Red .....	10 pcs/\$9.95 .....	#18-R12-10
Yellow .....	10 pcs/\$9.95 .....	#18-Y12-10
Assorted (5 of each color) .....	20 pcs/\$17.75 .....	#18-A12-20



Miniatronics Corp. • 44-V Jefryn Blvd., Deer Park, NY 11729 • (516)242-MINI • 800-942-9439 •

**White Space, Gaps, Air:** Have you noticed your editor gasping for air? Heck no! You can see that he has lots of air to spare. With the exception of a couple of contributors, your editor has had to do this newsletter solo, hence the white space. Please, dear member, put pen to paper and forward an article or a sentence to the editor. He is desperate for your input. If you want a monthly newsletter, you've got to contribute a fair share. Let him know what's going on in your workshop! Forward your words, drawings, photos, etc. to Doug Campbell at any meeting, or mail to: [REDACTED]

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# January Meeting Notice:

**Tuesday,  
January 18, 1994  
7:00 P.M.**

Edina  
Model  
Yacht  
Club



Edina Model Yacht Club  
7499 France Ave. So.  
Edina, MN 55435

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Meeting will be in the Band Room which is just to the left of the Centrum Building at Centennial Lakes. The Band room is in the same area as the maintenance area for the park department. The door is located just to the right of the outdoor seating area of the Two Guys From Italy Restaurant.

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This meeting will introduce the new board members for 1994 and possible upcoming events. Also, anyone is welcome to bring in their winter project for another show and tell session.

Anyone interested in coming who is not a member is also very welcome to attend.