

**CENTENNIAL LAKES CENTRUM  
7499 FRANCE AVENUE SOUTH  
EDINA, MN 55435**

VOLUME I

ISSUE #2

#### Next Meeting

Date: Tuesday January 21, 1992  
Location: Centennial Lakes - Band Room  
Time: 7:00 PM - 9:00 PM  
Topic: Modeling Basics: Tools, Tips and Tricks  
Speakers: Bob Lund and Paul Olson

### **Edina Model Yacht Club Logo Story**

The Edina Model Yacht Club (EMYC) Logo shown above, was created by Walter Bieger, with input from his son, Bob and other club members. Mr. Bieger is owner/operator of Walter Bieger Associates, an Industrial Design firm in Arden Hills which has been servicing the local business community with new product design and development for over 30 years.

Early in August on the evening of one of the first EMYC meetings, Walter's son, Bob, invited him to Centennial Lakes to see the facilities and try his hand at radio-controlled yachting. Using a club boat, Walter was soon running the course alongside his son's new 12 meter model yacht, recalling the days of his youth spent sailing full-sized boats on Lake Michigan. He was hooked!!

Attracted by the well planned facilities, the sailing ponds and the casual, friendly atmosphere of the club and its members, Walter joined us at a second meeting and offered to design a logo for the club. He says that the design process starting with a few rough pencil sketches, over lunch with Bob and the best of these were then developed further on the computer. Those efforts were presented to the club and two of the designs were picked by the membership for further refinement. Actually, Walter says they boiled down to one basic design with a choice of either curved or straight sail lines. At our last meeting some notable designs were submitted by other members, as well, and after some discussion, a vote was taken. The above art work represents the final preference for our official EMYC logo. Hope you like it!

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### **Keep It Fun !**

*By Bill Bach*

*Centennial Lakes/Edinburgh Park, Manager*

On behalf of the Edina Park and Recreation Department I would like to congratulate the interest and enthusiasm that is currently generating one of the more unique recreational opportunities this area has experienced in some time.

What was initiated in June of this past summer by putting five rental boats on a pond of water and asking for people with a desire to become involved in the sport of model boating, has quickly evolved into a organization with a name, a plan, a purpose, a newsletter and a group of fun loving people.

This activity promises not only recreational opportunity and enjoyment to the casual and serious model boat enthusiast but also excitement and color to the observer and people who are fast becoming attached to this new and unique Park.

The City's support of this club is based on the adoption of the following objective: The Edina Model Boat Club is a self supporting, non-profit organization, established to promote a full range of model boat activities with special emphasis in education, competitive and non-competitive events, self supporting activities and providing social/recreational interaction for all people of all ages.

As an advocate and professional of public recreation it is important to underscore, that while it is important to encourage the diversity of individual interests, an organization created for recreational purposes will be successful if it can continue to positively impact and maintain a fun and social atmosphere.

Good luck and good sailing!

### **Grow With Us - Get Involved**

*By Bob Lund*

*Edina Model Yacht Club, Admin. Com. Member*

Involvement with the Edina Model Boat Club can happen at a variety of levels. You may choose to join us occasionally on Sundays and Tuesdays for group sailing, or one of our special sailing events like the "Parade of Boats", our opening event this spring.



The following committees have been organized to help support and sustain many of the events and components of the club.

Listed below are the committees as currently established with a brief description of their respective activities. If you have an interest to become involved or have further questions please call Bob Lund at [REDACTED]

1. Rules and Regulations Committee This committee will establish and advise members with; free sailing rules and club etiquette during open sailing time, sailing frequency control standards and rules of frequency control, and racing rules. Members: John Bishop, Ryan Simmers, Joel Hanson, Ralph Peter and Steve Rusk.

2. Special Events Committee This committee will plan and organize sailing events i.e. Parade of Boats, Sailing Regatta's, Winter Boat Show, Aquatennial Event, Working with Special Populations. Members: David Bounk, Ralph Peter, Judy Ekstrom, Bob Bieger.

3. Social Committee This committee will work on non-sailing social functions i.e. Christening Event, Dry Dock Party, America's Cup Get-Together, club Picnic. Presently this committee is joint with the Special Events Committee.

4. Building Committee This committee will help produce educational programs that respond to the interests of the club i.e. Radio systems control, Building Basics, Using Fiberglass and plastics, Hull designs. Members: Jim Brown, Fred Laing, Larry Wheller, Paul Olson, Jack Witherby, John Bishop.

5. Marketing and Promotions This committee will work in areas that perpetuate the club i.e. Newsletter, Networking, Recruitment and Membership.

## **Sailing Regatta**

*By Ralph Peter*

On October 19 and 20 I attended the 3600/600 WESTERN REGIONAL FINALS in Phoenix Arizona. This was a 36/3600 DEVELOPMENTAL CLASS regatta where the competing boats were of different designs within the class specifications. In addition to participating, I recorded portions of the regatta on video tape which was shown at our club meeting on October 29.

The boats sailed in the regatta were scratch built based on three distinct designs. These boats are designed for performance in light wind, and are built using light weight materials. The total weight of the boat is less than six (6) pounds.

The sailing conditions for the regatta were normal for the Phoenix area; clear skies, 95 degrees and winds 2 to 7 MPH. Winds over 10 MPH are considered too strong for

these boats. I was told the prevailing winds in Phoenix are straight up.

The course was laid out in a triangular shape with six leg for the long course and four legs for the short course. The short course is used when the winds are very light and the boats spend a lot of time just drifting and not sailing. The long course was sailed all day on the 19th and half the day on the 20th.

There were 12 races per day with each boats sailing in six races. Points were awarded for placement in each race. First place received 3/4 of a point, second place received 2 points third place 3 and so on for the placement of each boats. there were five to seven boats per race and a total of 14 boats were entered in the regatta.

I found the boats challenging to sail. They stalled easily and were difficult to get started again in the very light wind. Of course this has something to do with experience with the boats and sailing conditions. From time to time I noticed other skippers having the same problem, but the good skippers had it less frequently and recovered quickly. When the sails were trimmed correctly the boats performed very well. Design was very important as two of the three designs took the first eight (8) places. Unable to compete effectively three of the boats of the third design type withdrew from the regatta on the 20th.

Overall, I enjoyed the regatta and I learned a lot about competitive sailing and regatta management. I am planning to attend a ONE DESIGN regatta in San Diego on November 30 and December 1st. In this regatta all competing boats must adhere to the original manufactures specifications and I will compete if a boat is made available to me. In any event, I will video tape the regatta for comparison between DEVELOPMENTAL and ONE DESIGN class racing.

Finally for those that keep score, I locked up last place on Phoenix, but watch out San Diego!

## **Considerations When Buying A Boat To Build And Race**

*By Ralph Peter*

*Edina Model Yacht Club, Admin. Com. Member*

The best suggestion to give the first time model boat builder is to select a boat that is easy to build and can have you in the water in the shortest amount of time.

As you become more proficient at sailing and choose to become more competitive or just choose to sail along side someone else, it will become important to consider a boat of similar scale and design with those with whom you are sailing.



In that regard there are two schools of thought to choose from, the DEVELOPMENTAL CLASS and the ONE DESIGN.

The DEVELOPMENTAL CLASS it is the boat NOT the skipper that is considered the winner. The AMYA recognized six (6) sub-classes within the DEVELOPMENTAL class. Each sub-class has specific parameters that govern the boat's design such as; length, weight and sail area. Within these parameters, the designer has the flexibility to create hull and sail shapes and use various types of materials in the boat's construction. The objective of this class is to continually improve the design for increased performance. Generally people involved the DEVELOPMENTAL class have an interest in boat and sail design in addition to boat building. Design improvements are intended to be shared and not to be kept secret to have an advantage over the other boats. All boats are expected to implement the improvements to remain competitive with the other boats.

The ONE DESIGN CLASS is a race where the skipper is considered the winner NOT the boat. Boats within each of the sub-classes are identical in that they are from both the same manufacture and model type. For the purpose of national competition, the AMYA recognized six (6) sub-classes, however a club could designate any boat as a ONE DESIGN for their local competition. The objective of ONE DESIGN is to remove the boat as a variable in competition and put all of skippers on a level playing field. Because modifications are not allowed, boats would not be subject to invest in the various performance upgrades. Generally people involved in ONE DESIGN are interested in sailing and not boat design or construction.

We highly recommend you first buy a boat you can fall in love with, however, for purposes of becoming feeling competitive, with like boat club members, we would recommend one of the following ONE DESIGN CLASS boats as a guide to purchasing.

- ✧ 36/3600
- ✧ Marblehead 50/800
- ✧ East Coast 12 Meter

## **Radio Frequency Registrations**

*By John Bishop*

*Edina Model Boat Club, Admin. Com. Member*

Everyone remembers being young and becoming fascinated, at one time or another with something simple. For me, it was being given a crude paper airplane and watching it fly for the first time. Although it didn't go very far it was magical and held my attention for hours. For other, it could have been watching a small wooden boat drift across a shallow pond or playing with a bright red race car in deep shag carpet. Whatever it was, models and toys of this sort were scaled realism that provided hours of entertainment throughout childhood.

Radio Control Hobbies have seemed to carry on this fascination and innate interest but with one main difference. Scaled models whether simple and cheaply constructed or detailed to the point where a picture makes it look like the real thing, can now be controlled by wireless radio controlled equipment. Radio Control (R/C for short) allows one to operate, manipulate, and have complete control over scaled models without coming in direct contact with them. The radio control system consists of a transmitter, receiver, servos, and a battery/pack. The transmitter is the electronic control portion that remains with you, in your hands, and allows for the control of the model you are running. As you move the various controls, the information is electronically digitized and sent to a module that associates these commands to a unique and particular frequency for transmission (the crystal is the electronic component). The information is then sent from the antenna of the transmitter to the antenna of the receiver that is mounted in the car, boat, or airplane that you are controlling. This information travels through the air invisibly on a frequency of 27, 50, 53, 72 or 75 megahertz - at our last meeting we discussed these frequencies in greater detail. The receiver, in turn, translates the wireless radio frequency information it received through the air into a useful format that drives small control wheels (servos) to operate various parts on the model. The battery pack in the model provides a source of power to move the servos and run the electronics in the receiver. Battery power also exists in the hand held transmitter.

Different frequencies allow more than one model to be operated at a time by remote radio control. In attempting to simultaneously control various boat models at the Centennial Lakes complex without interference, we are developing a radio frequency log. It contains a list of people that currently own a radio and what frequency their radio uses in sending information to the model. This list will:

1. alert us in case two separate users are on the same frequency
2. allow us to suggest an unused discrete frequency to a current or new member interested in purchasing a radio control system
3. enable us to set up a simple organized control system on days where the Edina Model Yacht Club meets as a group. This system may include a board or chart that would show what frequencies are in use on the water at any particular point in time. If you have a radio and are not on our list, please send in or bring in the information to the club. If you don't know what frequency your radio is operating on, bring your radio to an upcoming meeting and a club member will help you read it right off of a sticker on the radio; this information may also be listed on the receiver. The following is what we need:

Name  
Home Phone  
Manufacturer of Radio  
Model and Band of Radio (AM or FM)  
Number of Channels/Servos  
Frequency  
Channel:



**Edina Model Yacht Club**  
**Official Minutes**  
**October 29, 1992 Meeting**

Meeting was called to order at 7:30 pm by Bill Bach.  
Administrative Committee was introduced:

Robert Lund  
Ralph Peter  
Steve Rusk

Steve Rusk presented findings of the initial survey of members. Choice of logo and club name were discussed. Name was tentatively established as "Edina Yacht Club". Logo choice was postponed for further study.

Ralph Peter showed his video of the 36/600 Class Regional competition which he attended in Phoenix, AZ.

Robert Lund explained the Club's Committee structure as proposed by the Administrative Committee.

Meeting was adjourned at 8:45 pm. Group broke into individual discussion.

**Edina Model Yacht Club**  
**Unofficial Minutes (written for your amusement)**  
**November 12, 1992 Meeting**

Meeting was preceded by behavior modification hour sponsored by Centennial Lakes/Edinborough Park and the City of Edina. Cheap wine and green Wisconsin cheese were provided for member's ulcerated entertainment. Bill Bach led the group in a sing-a-long session featuring Olde English drinking songs of the Crimean War. Activity culminated with Steve Rusk performing Swan Lake en table toppe to Led Zeppelin IV.

Official club meeting was called to order at 7:45 by popular demand. Bill Bach reintroduced the Administrative Committee who summarily declined to be recognized.

John Bishop presented a brief history of radio frequencies and discussed the importance of registering each member's radios for the club board. Frequency cards were distributed and members told they would be killed and hauled at dawn if they were not registered pronto!

Name change to "Edina Model Yacht Club" and club logo were adopted after a technical decision in ten (10) rounds.

Ralph Peter did his best to confuse the issue of class designations leaving the membership ready to convert to building Barbie doll houses for the Salvation Army.

Steve Rusk introduced the evening's guest speaker, Jack Witherby of Funtime Hobbies in Burnsville. Mr. Witherby addressed the subject of boat kits available and basic hobby knowledge while spinning three hula hoops and balancing on a beach ball. (scores 5.7, 5.8, 5.8, 5.6)

Meeting was called on account of darkness at 9:45 pm due to electrical shut-off at the Pavilion Complex.

**Edina Model Yacht Club**  
**Official Minutes**  
**November 12, 1991 Meeting**

Meeting was preceded by Club Social Hour 7 - 7:30 pm. Refreshments arranged by Bill Bach.

Meeting was called to order at 7:30 pm. Eighteen members present. Administrative Committee was reintroduced by Bill Bach of Centennial Lakes/Edinborough Park.

Presentation of radio frequency history and rules was presented by John Bishop. Frequency registration cards were passed out to be returned when completed.

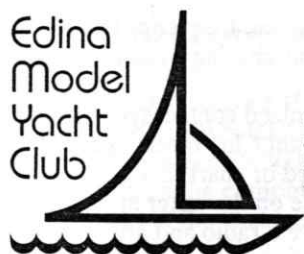
Ralph Peter addressed the subject of the club's choice of designated classes. Discussion followed regarding the choice of developmental versus one design designations.

Administrative Committee proposed a name change to "Edina Model Yacht Club". Vote was 11-2 to adopt the change. Discussion was undertaken with regard to the choice of logos for the Club. Choices were narrowed to the two most popular designs based upon prior polling. Vote to adopt logo with curved sails as designated was 3-10. It was decided to allow the layout of the design to evolve upon its own usage.

Proposed committee structure was reviewed by Robert Lund. Group broke into small groups to essay committee memberships. Future committee meetings to be set by Administrative Committee needs.

Steve Rusk introduced the evening's guest speaker, Jack Witherby of Funtime Hobbies, who addressed the subjects of kits, costs, radios and club recommendations.

Meeting was closed at 9:20. Individual discussions continued.



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