

SAIL & SCALE

NEWSLETTER OF THE EDINA MODEL YACHT CLUB

JULY 1994

VOLUME 3, NUMBER 7

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CLUB RACER SERIES RACING JUNE RESULTS

by Tony Johnson Informal racing on the South pond may be organized by any club member. A second tape recorder is available for this purpose and may be obtained by asking any of the board members that are at the pond. Racing at the South pond should not dominate the pond or interfere with other members who are enjoying open boating.

Anybody who would like advice or assistance with tuning, tactics

or right-of-way rules should contact Tony Johnson, Rear Commodore.

The EC-12, Marblehead and CR-914 classes have scheduled races on July 10th and 24th at 4:30 PM. Please contact Gene Sigvertsen, Steve Rusk, Ralph Peter or Tony Johnson for information on racing for these classes.

In addition to the combined races on the 10th and 24th the CR 914 class has begun scheduled series racing on days alternating with the Fairwind class. These races will be held at the north pond. Refer to the monthly schedule for further information.

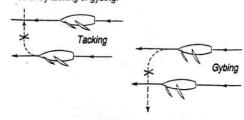
Race Results: June, 1994 Fairwinds

Place	Name	Points
1	Mike Trutwin	43.75
2	Tony Johnson	55
3	Mike Flanagan	70.5
4	Ralph Peter	72.5

MORE RIGHT OF WAY

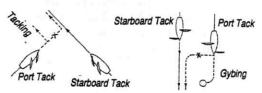
Tacking and Gybing

When two boats are sailing along together, neither should interfere with the progress of the other by tacking or gybing:



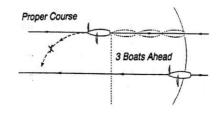
Tacking and Gybing Right of Way

When one boat wants to get the right of way by tacking or gybing, it must do so in a place that will not interfere with other boats.



Bearing Away from Proper Course:

The boat that is sailing on the free leg of the course can not sail to the leeward side of the course unless it is clearly 3 boats ahead. After completing the overlap, even if the leeward boat looses the right of luffing while it's overlap is proceeding, you must not sail the windward side of the proper course.



EMYC MARKETING UPDATE

by Ralph Peter

The EMYC mass marketing program is well underway. Currently there are 10 colored posters on display at various hobby stores and Centennial Lakes area business. In the past 10 weeks approximately 450 EMYC business cards have been taken. Thirty two EMYC information packets have been mailed in response to telephone inquiries. Since the first of the year 28 new members have been added. Of these, 10 first learned of the club from the EMYC posters.

Next on tap is a marketing program targeting the areas senior citizens. Rather than posters, a letter, to be displayed at the areas retirement communities and senior centers bulletin boards, will outline the club, and invite the seniors to join or come out as spectators. Also a letter will be sent to the areas nursing homes inviting the residents to be part of the many spectators

Finally the Boat Show marketing went very well.
Several Centennial Lakes and area business display the Boat Show flyer. Tom Young, a new member, distributed many of the flyers. Thanks Tom. Five weekly newspapers mentioned the Boat Show in print. Jim Smith, his granddaughter, tug boat, and a few other spectators were pictured in Mondays Star Tribune. The only radio exposure I am aware of is the interview I did Saturday

morning on the Jim Roger's News/Talk program. The highlight certainly has to be the EMYC segment that was broadcast June 12 on the Moore On Sunday program. Several club boats were featured along with interviews and background shots of club members.

If anyone has a marketing idea or would like to help out please feel free to give me a call.

SAILING CHARTER

by Ralph Peter

Several people were interested in the 2 Lake Superior sailing charters, however, it was not possible to coordinate schedules for everyone, so the charters have been canceled. I am now moving on to plan B, a sailing charter in the Florida Keys.

Although not as popular as the Caribbean, the Keys offer some very good sailing. The Keys are not as crowded, the natives are friendly, the costs are lower, and there are very good coral reefs for diving and anchorage's to watch sunsets. I have been sailing in the Keys for 8 years, sailing from Miami to Key West and out to the Dry Tortugas, so I am very familiar with the area.

The best time to sail in the Keys is Spring or Fall and I am planning the 7 day charter for some time between October 15 and November 15. The Charter company is located half way between Miami and Key West at Marathon Key in an area called the Middle Keys. This is

an excellent location because it offers the option to either sail to the Upper Keys or the Lower Keys. Unlike the trade winds of the Caribbean, the winds on the Keys are controlled by fronts moving down the East Cost. These fronts are fairly predictable allowing for sailing off the wind, either up or down the Keys for a few days, and returning in the opposite direction as the winds clock around.

The estimated cost for a 7 day charter on a HUNTER 34 or an O'DAY 32 including the boat, car rental, provisioning, marina dockage, and a night out at a restaurant is \$1400 or \$350 per person split 4 ways. Additional costs would include personal items, snorkel gear (\$40), and transportation to and from Miami.

As an employee of Northwest Airlines I can take up to 3 people on a NWA pass. The cost for a round trip pass to Miami is \$107. These are coach class Space Available passes. Although this is stand by travel, and there is a possibility to get bumped, there is usually space available at that time of year.

Arrangements to reserve a boat need to be made soon. So, if you would like to do some warm weather sailing, snorkeling on some great coral reefs, take naps, work on your tan, and watch beautiful sunsets and star studded skies, give me a call for more information.

SAILING IN THE GULF OF MEXICO

by Ralph Peter

In May I had an opportunity to sail from Cancun, Mexico to Panama City, Florida, a passage of 530 nautical miles. I was one of two crew members with the captain/owner returning the boat after it sailed in the annual Regatta La Sol from Pensicola to Cancun

The boat I was originally going to sail back developed engine problems 2 day into the regatta and had to return to Pensicola. I decided to go to Cancun anyway and walk the docks looking for a crew position. I had several boats to pick from, including a Morgan 46 with 10 guys aboard that didn't look like it would make the trip back, but you would sure have a good time trying with those party animal.

The boat I did sail was a very well equipped Islander 37. The Islander is a very comfortable heavy displacement blue water boat. It was equipped with a full batten main, a 130 roller furling headsail, auto pilot, Loran, GPS, chart plotter, refrigerator/freezer, microwave oven, and an AC power generator.

We pulled away from the fuel dock at 11 AM, and by 3 PM we lost site of land for the next 4 days. During the 4 day passage the three of us stood a series of 4 hour and 2 hour watches. Up to the last 8 hours the weather was constant to the point of being monotonous. East

wind at 10 knots, sunny sky's, 3 to 5 foot seas. Just as we neared Panama City the sky turned cloudy and the wind died. The only shipping traffic was the first day and night and the last night and day. In between just water from horizon to horizon.

Although the rheum line to Panama City, or as we say in Minnesota "as the crow fly's", is almost due north, we took an initial heading of 30 degrees (NE) to catch the Gulf stream between the Yucatan Peninsula and Cuba. This was to get a "boost" from the 5 knot Gulf Stream current. Entering the Gulf Stream was rather impressive. As we approached the Stream the sea conditions changed dramatically. Rather than the normal wave pattern, there was a line that looked like white water rapids, extending over the horizon in either direction. After crossing this churning line of water, the water was flat calm for the next 300 feet before the normal wave patterns picked up again.

The first day run (noon to noon) was 166 nautical miles. The next day as we left the Gulf Stream and sailed into the Gulf of Mexico we ran into counter currents and the second days run was just 112 miles. The Pilot Charts on board showed the approximate location of the ocean currents, and our position was plotted every 2 hours with the GPS to monitor our progress and determine if we were running with or against the current. During the second day we had one 2 hour stretch where we only made 4 miles progress although the boat's knot meter register a consent 6.5 knots of speed, so we altered course to catch the north running current. What the currents giveth they taketh away.

Porpoise came by daily to swim along side or up on the bow wake. One day a large group approached leaping out of the water and doing tail stands. They also had babies that swam along side the boat. Matt, the captain, said this was very unusual, babies are rarely brought along side of boats.

Sailing at night was also interesting. Off the stern the water is a phosphorus glow of twinkling lights. One night while I was at the helm on the midnight watch in the darkened cockpit, with the constant sound of wind in the sails and the wake of the boat to keep me company, I heard a splash of water along side the boat. I engaged the auto pilot and leaned over the side to investigate. I saw two dorsal fins about 5 feet off the side of the boat. They were porpoise out for a midnight stroll. After a few minutes, one by one they darted in a burst of speed under the boat, across the stern, and back along side the boat. They did this many times for about 15 minutes. Each time they left a phosphorus glow in their wake making them look like white torpedoes.

This was a great experience and I really enjoyed my first off shore passage. I hope to do it again next year, and maybe some day I'll enter my own boat in the regatta.

July 1994

	7	6	16	23	30 №	uith
Saturday				-	30.00 AM - 10:00 PM "Splash!"	Jim Smith
Friday	1	8	15	22	29	
Thursday		5:00 PM Open Boating 6:30 PM Fairwind Race	5:00 PM Open Boating 6:30 PM CR 914 Race	5:00 PM Open Boating 6:30 PM Fairwind Race	5:00 PM Open Boating 6:00 PM - 7:00 PM Disabilities Sail	
Wednesday		6 1:00 PM Weekday Boating	1.00 PM Weekday Boating 7.00 PM Board Meeting	20 1:00 PM Weekday Boating	27 1:00 PM Weekday Boating	
Tuesday		5.00 PM Open Boating 6:30 PM CR 914 Race	5:00 PM Open Boating 6:30 PM Fairwind Race	5:00 PM Open Boating 7:00 PM Club Meeting	5:00 PM Open Boating 6:30 PM Fairwind Race	-
Monday	a C a ga	4	11	18	25	NOTE: activities on 7/31 subject to pond(s) availability (Splash!)
Sunday		2:00 PM Open Boating 4:30 PM Fairwind Race	2:00 PM Open Boating 4:30 PM Marble,/EC12 / CR 914 Race	2:00 PM Open Boating 4:30 PM "BEBE" 4:30 PM Fairwind Race	2.00 PM · · · · · · · · · · · · · · · · · ·	31 12:00 PM - 6:00 PM "Splasht" 2:00 PM Open Boating 4:30 PM Fairwind, CR 914 Race,

Edina Model Yacht Club

1994 Membership

July 10, 1994 Page 1

	Name	Address	City	Zip	Phone		Boat(s)Year
Ì	Allen, Chris		Bloomington	55438		(%)		
	Allen, Mike		Bloomington	55438			F	
	Anderson, Glenn		St. Paul	55116			ogc	94
	Anderson, Ralph		Richfield	55423		6	F	94
	Bach, Bill		Bloomington	55437		Ó		94
	Baskerville, Marty		Edina	55435			F	94
	Bishop, John	State of the state	Bloomington	55438		i	FS	94
	Bolin, Jim	9	Minneapolis	55418			F	54
	Bottemiller, Charles		Golden Valley	55426			A	94
	Bottemiller, Karl		New Hope	55428			,,	94
	Bounk, David		Edina	55439			0	04
	Boyer, Lyle		Bloomington	55438			•	94
	Brentrup, Johann		New Hope	55428			WC	94
	Bros, David	100	Minneapolis	55424			TW	94
	Butler, David	fa	Bloomington	55437			F	94
	Campbell, Doug	22	West St. Paul	55118			FS	94
	Colehour, Jim	-8	Bloomington	55438			F	94
	Cooke, Geoffrey	19 Sept.	Bloomington	55431			o	94
	Daniel, Chester	A TOTAL CONTRACTOR OF THE PROPERTY OF THE PROP	Stewartville	55976			•	94
	DeShazer, Douglas		Omaha, NE	68132			PTO	94
	Edge, Dick		St. Paul	55106			OP	94
	Erickson, Tom		Edina	55424				94
	Fehr, Jason	at the state of th	St. Paul	55106				94
	Field, Orrin	27	Edina	55435			F	94
	Flannigan, Michael	100	Eden Prairie	55344			F	94
	Flint, Roger		Bloomington	55437			F	94-
	Gavrilescu, Bob		St. Paul	55108		1	PS	
j	Gjerness, Dave		Minneapolis	55410			F	
	Hansing, Robert		Edina	55424			CQ	94
	Hanson, Joel		Brooklyn Park	55444			FET	94
	Harvey, Robert		Edina	55435			F	94
	Heggen, Eugene		San Martin, CA	95046			F	
	Horan, Larry		Edina	55424			P	94
	Huber, Robert	4	Edina	55436				94
	Johnson, Steve		Anoka	55303			F	
	Johnson, Ryan		Excelsior	55331			F	94
	Johnson, Tony		Excelsior	55331			FA	94
	Johnston, Jim		Edina	55436			FP	94
	Kartes, Tony	1	Edina	55435			W	94
	Kellerman, Robert		Vadnais Hgts	55127			F	94
	Kieley, Roger		Plymouth	55447				94
	Kirihara, Mikio		Bloomington	55420			Р	94
	Kjellberg, Dick		South St. Paul	55075			FMT	94
	Klausler, Thomas		Lakeville	55044			AO	94
	Knudson, Dean		Golden Valley	55422				94
	Kosa, John		St. Louis Park	55416				
	Kraft, Stephen		Savage	55378			Α	94
	Kuphal, Edward		Edina	55436			FE	94
	Lindsey, Bob		Edina	55435			F	
	Lund, Robert		Bloomington	55420			FP	94
	Lund, Sherre Lee		Bloomington	55420			F	94
	McCabe, Jeff	Š	Bloomington	55431			FT	94
	McKnight, Deborah		Edina	55424				

Sailboat Codes: F-Fairwind, E-EC12, M-Marblehead, A-CR914 O-Other Sail Non-Sail. Codes: C-Commercial / Workboat , T-Tug, P-Pleasure, S-Speedboat, W-Warship / Military, Q-Other Non-Sail

Edina Model Yacht Club

1994 Membership

July 10, 1994 Page 2

	<u>Name</u>	Address	City	<u>Zip</u>	<u>Phone</u>	Boat(s)	Year
~	Metz, Stephen		St. Paul	55104		FO	94-
B	Midtbo, Tom		Minneapolis	55419		0	94
	Miller, Mary		Edina	55424		F	94-
	Morrison, Charles		Minneapolis	55405	SUEC	i	94
	Musselman, Tim		Richfield	55423		С	
_	Meyers, Steve		Wayzata	55391		FW	94
	Nelson, Vernon		Bloomington	55437			94
	O'Connor, Mike		White Bear Lake	55110		F	94
	O'Neil, Casey		Lake City	55041			94
	Olsen, Paul		Bloomington	55420		FMOT	94
	Patterson, Don		Plymouth	55447		0	94
	Peter, Ralph		Minneapolis	55417		FAO	94
	Phillips, Gary		Apple Valley	55124		FWTS	94
	Proulx, Dan		Spring Lake Pk.	55432			94-
	Remer, Ken		West St. Paul	55118		TP	94
	Rusk, Steven		Edina	55436	11	E	94
	Savoie, Kathryn		Edina	55435	Marin Control	F	94
	Schroeder, Ron		Bloomington	55437		0	
	Shea, Lincoln		Edina	55424			
	Siemers, Ryan		Edina	55435		S	
	Sigvertsen, Jene		White Bear Lake			EMO	94
	Simenson, Myron		Richfield	55423		FS	94
	Smith, James		Bloomington	55437		FPT	94
	Stoltenberg, Ken		Rochester	55906		OC	94
	Trutwin, Mike		Lakeville	55044		FO	94
	Ulmer, David		Richfield	55423		FS	94
	VanVoorhis, C.J.		St.Paul	55108		0	94
	Wheeler, Larry		Minneapolis	55410		0	94
	Wood, Bill		Crystal	55422	do p	FPS	94
	Young, Tom		Bloomington	55437		F	94

Sailboat Codes: F-Fairwind, E-EC12, M-Marblehead, A-CR914 O-Other Sail Non-Sail. Codes: C-Commercial / Workboat , T-Tug, P-Pleasure, S-Speedboat, W-Warship / Military, Q-Other Non-Sail

Use of Park Vehicles: There is a recent City of Edina, Centennial Lakes / Edinborough Park Memorandum which states, in part: "No one is allowed to use either the Cushman or the EZ-Go without first getting training and permission from a member of the Centennial lakes fulltime maintenance staff. Only CL / EP employees are authorized to use our equipment." The second sentence says it all. If you are not a park employee, you may not drive these machines. If you have been doing so, it's time to STOP!

August 1994 Monthly Planner

Je

Sunday	Monday	Tuesday	Wednesday Thursday Friday Saturday	Thursday	Friday	Saturday
	I	2	3	4	5	9
		5:00 PM Open Boating 6:30 PM CR 914 Race	1:00 PM Weckday Boating	5:00 PM Open Boating 6:30 PM Fairwind Race	2 2	9:00 AM - 1:00 PM EC-12 & Marblehead Regata
				24 10 10 10 10 10 10 10 10 10 10 10 10 10		
7	8	6	10	11	12	13
2:00 PM Open Boating 2:30 PM - 3:30 PM Sailboat Tuning Basics Seminar 4:30 PM CR 914 Race		5:00 PM Open Boating 6:30 PM EC-12 & Marble- head Race 6:30 PM Fairwind Race	1:00 PM Weekday Boating 7:00 PM Board Meeting	5:00 PM Open Boating 6:30 PM CR 914 Race		
1.4	15	71	17	10	10	00
14	CI	07	//	01	13	70
2:00 PM Open Boating 2:30 PM - 3:30 PM Race Rules & Tactics Seminar 4:30 PM Fairwind, EC-12	0.1 	5:00 PM Open Boating 7:00 PM - 8:00 PM Club Meeting	1:00 PM Weekday Boating	5:00 PM Open Boating 6:30 PM EC-12 & Marble- head Race 6:30 PM Fairwind Race	10:00 AM - 12:00 PM CR 914 San Diego, CA	
& Marblehead Race			70	30	20	100
17	77	57	74	57	07	/7
2:00 PM Open Boating 4:30 PM CR 914 Race	4	5:00 PM Open Boating 6:30 PM EC-12 & Marble- head Race 6:30 PM Fairwind Race	1:00 PM Weekday Boating	5:00 PM Open Boating 6:30 PM CR 914 Race		
28	29	30	31			
2:00 PM Open Boating 4:30 PM Fairwind Race		5:00 PM Open Boating 6:30 PM CR 914 Race	1:00 PM Weekday Boating	July A T W	F S M S M S M S M S M S M S M S M S M S	September T W T
				17 18 19 20 21 28 24 25 26 27 28 31 28 20 21 28 31 28 20 21 28 31 28 31 28 31 28 31 31 31 31 31 31 31 31 31 31 31 31 31	8 29 30 11 12 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 19 18 19 19 18 19 19 18 19 19 18 19 18 19 18 19 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18	13 14 15 16 17 20 21 22 23 24 27 28 29 30

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SPECIAL DEALS

by Ralph Peter

The Centennial Lakes Circus Pizza is offering EMYC members a 20% discount on food or drink purchases. Just mention you are a club member to get the discount. I will contact other business for similar discounts. If you eat as much pizza as I do you can save the cost of your membership in a week and Jeff McCabe could do it in one sitting. Finally, those interested in purchasing the AG 914 CUP RACER can call me for more details.

HobbyTown USA

7HI Shopping Center 4818 S. Hwy. 101 Minnetonka, MN. 55345 612-470-7474

BUILD YOUR DREAMS

Monday	10	-	9
Tuesday	10	-	9
Wednesday	10	-	9
Thursday	10	-	9
Friday	10	-	9
Saturday	10	-	6
Sunday	11	-	5

R/C Boats, Cars, Planes Games, Trains, Models Kites, Rockets, Puzzles Educational & Science Kits



HobbyTown USA

EPOXY: ANOTHER STICKY SUBJECT

by Jim Smith

Several members have asked which epoxy I favor. Three factors rule out the common five minute stuff. It is not very strong, it stinks up the whole house, and it is quite heavy, if you are into smaller models

I have been using WEST SYSTEM® epoxy in my model building for several years. The only problem I have had, is supply. A local source being unavailable, I was forced to mail order. Recently, I happened across a retailer only a mile from home. The Marine Electric Company, located at 9804 James Av. So., directly across the street from the Bloomington Axman claims to stock the complete line. This product mixes in a five to one ratio, so a 32 fluid ounce can of resin combined with 7 ounces of hardener nets you 39 ounces of epoxy for about twenty five bucks. Since I don't mold hulls as Paul Olsen does, that quantity lasts me well over a year. I keep a four ounce eyedropper bottle of resin and a similar, smaller bottle of #205 hardener on my bench, ready for quick and handy use.

Most Fairwind builders question the fastening of the plywood innards to the plastic hull. Certainly, the plastic must be washed down to remove the lubricant used in the forming process. Lacquer thinner is usually the solvent of choice here. Subsequent application of epoxy results in an adhesive strength that we can arbitrarily call 100%. If, in addition, the surface is abraded with 32 grit sandpaper prior to the epoxy use, the resulting joint strength rises to 200%. But! The best bond is achieved by washing the surface with PVC cleaner which is available at the plumbing department of the local hardware store. Next,

apply a very thin coat of PVC adhesive (from the same source), and allow it to dry. Finally, apply the epoxy and ply parts. This results in a strength in excess of 250%.

Epoxy too thick? Heat will thin it, but the negative here is that heat will also make the epoxy set up very rapidly. Try thinning the mixed epoxy with a very small amount of denatured alcohol. I have not noticed any extended cure time or reduced strength when alcohol is used.

Epoxy too thin? Try adding colloidal silica thickener. It does not change the bond strength of the epoxy, doesn't drip, makes great fillets and can even be drilled and tapped.

Got uncured epoxy on your hands or workbench? The aforementioned denatured alcohol will disolve it. Or! Even better is plain old white vinegar from the grocery store. It's so cheap! The only disadvantage is that you end up smelling a bit like a salad!

Finally, if you plan on a second coat of epoxy over the first, try to recoat while the first coat is still tacky. As the epoxy cures, a wax-like bloom forms on the surface which prevents subsequent coats from adhering completely. This bloom, or blush can be removed with water and an abrasive pad. Solvent or detergent should not be used. Blush clogs sandpaper! After blush removal with water, sanding is much easier. Blush removal is necessary for good paint bond, so epoxy parts such as hulls and superstructures should be washed down with water and a green Scotch-brite™ pad before painting.

I hope that I have answered some of your questions on epoxy.

New Members

The Edina Model Yacht Club wishes to welcome the following new members to our organization:

- Charles Bottemiller
- Karl Bottemiller
- Jason Fehr
- Nobert Harvey
- Robert Huber
- Roger Kieley
 - Stephan Kraft
- Sherre Lee Lund
- Tom Midtho

Charles Morrison

Casey O'Neil



866-9575

LITTLE CANADA

490-1675



OPEN...MON-FRI, 10:00-9:00...SAT, 9:30-5:30...SUN, 12:00-5:00

Model Railroading Radio-Control Plastic Models
Science Projects Kites Rockets Road-Racing Videos

Richfield
6416 Penn Ave. S.
Richfield, Mn 55423
(1 blk S of LUNDS)



Little Canada 82 Minnesota Ave. Little Canada, Mn 55117 (Hwy 36 & Rice St.)

BECOME A MEMBER OF THE EDINA MODEL YACHT CLUB

The Edina Model Yacht Club promotes the hobby of Radio Controlled sail and electric powered model boats by providing a vehicle for the fellowship of model boaters and a body of water with facilities that promote the growth of the hobby. Membership is open to anyone interested in RC sail or electric model boating. Two levels of membership are ;Youth Member at \$10.00 a year, and Adult Member at \$20.00 a year.

MEMBERSHIP REGISTRATION

EDINA MODEL YACHT CLUB, 7499 FRANCE AVE. So., EDINA MN 55435 (Please make check payable to: Edina Model Yacht Club)

Name:			
Address:			
City	State	Zip Phon	ne
Please Check One:	Adult Member \$20.00	Youth Membership \$1	0.00 3 Month Mailing List
Type of Model Boats	You Own:		
Manufacturer of Radio	o: Channel:	Model and Band of Ra	adio (AM or FM):
Number of Channels	/ Servos:	Frquency:	

JULY MEETING NOTICE:

TUESDAY, JULY 19, 7:00 P.M

THE FIRESIDE ROOM IN THE CENTENNIAL LAKES CENTRUM BUILDING (SEE MAP)

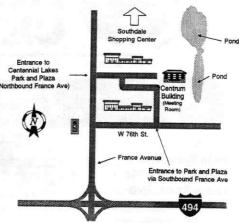
PLAN TO ATTEND THIS MEETING -THERE WILL BE A PRESENTATION ON THE HISTORY OF MODEL YACHTING!

ANYONE INTERESTED IN THE EDINA MODEL YACHT CLUB IS WELCOME TO ATTEND OUR NEXT CLUB MEETING. FOR INFORMATION, CALL:

REMEMBER - "EEEE!"

Final Notice for the first ever "Everybody's Easy Electric Event". **Everybody** is welcome to come - whether or not you are full of electricity or wind.

Plan to attend on Sunday, July 17th at 4:30 PM. Call Jeff McCabe at Gary Phillips at





RADIO CONTROLLED
WIND POWERED SAILBOATS
ELECTRIC POWERED SCALE BOATS

Steve Rusk - Commodore

Tony Johnson - Rear Commodore

Ralph Peter - Vice Commodore/ Marketing

Jim Smith - Vice Commodore/ Scale

John Bishop - Secretary/Treasurer

Doug Campbell - Newsletter Editor

EDINA MODEL YACHT CLUB CENTENNIAL LAKES CENTRUM 7499 FRANCE AVE. SO. EDINA, MN 55435