



SAIL & SCALE

NEWSLETTER OF THE EDINA MODEL YACHT CLUB

January 1999

Volume 8, Number 1

Commodore's Corner: Happy New Year to all. Yes, it's January and time to renew your membership. You can mail in the enclosed form or just bring it to the January meeting. I hope you all will be joining us for what promises to be a fun filled year.

This year the Board has decided that we are going to try to run the club by committees. I'll explain the concept in greater detail at the January meeting.

The Board of Directors will meet at 6:30 on regular meeting nights. This would be the time to bring any problems or grievances to the attention of the Board.

The topic of the January meeting will be a short presentation by Warren Freeman on his recent trip to see the wooden ship Vasa in Copenhagen, followed by members winter projects. Please bring in that winter boat project you're working on and share it with the rest of the club.

For those who are interested, I will be showing the Dumas Video, "Finishing Classic Boat Models" (1-1/2hrs.) at a special building meeting on Tuesday, January 26th at 7:00pm in the band room. If you are planing on building one of these boats this is a good video to see. Everyone is invited.

Dale

Where's the Meeting: The Band Room in the Centennial Lakes maintenance garage. Enter via the loading dock in the northeast corner of the lower parking ramp, north of Audio King's installation shop.

What's Up? (at the Meeting): The good ship, "Vasa"...Show-'n-Tell,...and don't forget the special meeting on Jan.26th!

S'Long: At the Dry Dock Party in November, our outgoing Commodore, George Pfeifer thanked the members for their support during 1998. He presented a "Commodore's Shirt" to Dale Johnson, our new leader. George stated that he hoped that the presentation of a shirt to the new Commodore would become a tradition in future years.

George thanked Jeff McCabe for throwing the party. Unfortunately, only 42 members and guests attended...considerably fewer than the 60 and 57 that we had in '97 and '96. It seems that it's even tough to get this group out for a free meal! George's final words to the group were, "I'm done"!

Dale Johnson prepared a photographic insert for this issue. It certainly appears that those who attended had a good time. Although it seems that Dale attended alone (Connie is not in any of the photos), 'tain't so! Connie was behind the camera...shootin' up more than just a little film. Great pics Connie! Thanks!

Late Season Boating: Dave Bros and I met at the Central pond on Sunday afternoon, November 22nd to finish out the boating season. We used our Polo Tugs as icebreakers, cutting out 30 to 50 foot diameter chunks of thin ice and pushing them downwind until they broke-up or melted. The pond was about 50% cleared by the time our batteries pooped-out. It was really fun and something you only get to do once in a great while. Although the temperature was +55 degrees, no other boats appeared and we headed for home at about four o'clock.

Then, George Pfeifer called several members...and a handful showed up on the Sunday after Thanksgiving to wet their boats for "the last time".

And then! George Merrill ventured forth on Sunday, December 13th at Bennett Lake in Roseville just after noon. He too, played ice-breaker in 50 degree temperatures. While letting a pair of onlookers operate his boat, he went home to get a couple more...George is a very trusting soul! His batteries and the sun went down at about the same time.

And then! Paul Olsen and I managed an hour on the Central Pond on December 15th. We expected another ice-breaking session but were surprised to find a completely open pond. The next day brought the season's first measurable snowfall, so that may truly have been the last outing of '98. What an autumn!

The ponds were opened for ice skating two weeks to the day of that final boating excursion!

Money!, Money!: Our long time treasurer, Gary Phillips has submitted his annual report as usual, juggling the books into balance right after the Dry Dock Party. If you're wondering where the club's money comes from and where it goes to, take a look at this month's second enclosure.

Time's Up: Don't forget to renew your club membership for the New Year! Application enclosed!

Membership Meeting, 11/17/98: 22 members and guests in attendance. In the absence of the Commodore, and since

this was our annual "swap meet", no official business transpired. Numerous transfers of ownership of did occur, however. *Jim Smith*

Schedule Of Upcoming Events

	Every Sunday	Open Boating	4:30PM - 9:00PM (90 days...and counting!)
	Every Tuesday	Open Boating	5:30PM - 9:00PM
	Every Thursday	Open Boating	5:30PM - 9:00PM
Jan.	19 th (Tue.)	Membership Meeting	Centennial Lakes Garage 7:00PM - 9:00PM
	26 th (Tue.)	Dumas Video Showing	Centennial Lakes Garage 7:00PM - 8:30PM
Feb.	16 th (Tue.)	Membership Meeting	Centennial Lakes Garage 7:00PM - 9:00PM
Mar.	16 th (Tue.)	Membership Meeting	Centennial Lakes Garage 7:00PM - 9:00PM

Good News: All of you that have a *Mister Darby* kit gathering dust in your workshop take note. It is no longer necessary to build that kit as designed. The prototype *Mister Darby* was purchased by DonJon and is now operating under the name *Atlantic Salvor*.

Builder's Corner: I have mentioned West Systems free newsletter, *Epoxyworks* in the past. The fall '98 issue contained a very interesting article on the building of the *Titanic* models for the recent movie. Almost 400 gallons of epoxy were used.

To obtain a free, two year subscription, write to *Epoxyworks*, Gougeon Brothers, Inc. P.O. Box 908, Bay City, MI 48707-0908, with your request.

Battery Age: Several members have requested that I reprint the Sanyo Ni-Cd cell year-month code. The first letter stamped on the cell indicates the year of manufacture; the second letter indicates the month.

Code: Year	Code: Month
S - 1988	A - January
T - 1989	B - February
U - 1990	C - March
V - 1991	D - April
W - 1992	E - May
X - 1993	F - June
Y - 1994	G - July
Z - 1995	H - August
A - 1996	I - September
B - 1997	J - October
C - 1998	K - November
D - 1999	L - December

Example: a cell stamped with the letters ZL was made in December, '95. If you are purchasing cells, you want to be sure that they are really 'new' and have not been lying around on the dealer's shelf too long.

Recommendation: If you find yourself in Portland, Oregon, a visit to Tammies Hobbies is worth the effort. They are located at 12024 S.W. Canyon Road, Beaverton OR 97005 Phone: 1-800-521-5614

Tammies has an extensive boat section, consisting of mostly international kits, primarily Billing and Artesania Latina. They had 2 of every Billing kit produced in stock and one of every Artesania Latina model. They also stock lots of fittings and specialty tools, again mostly European, some Kyosho kits (sailboats) and at least one old Dumas kit that was yellow with age.

George Pfeifer

(Note: Tammies routinely advertises in RC Modeler, Ed.)

Another Shop: I made a stop at Hobby Horse in Madison while I was down that way attending an Elderhostel. The shop is within a half mile of Int.90/94 on U.S.151 (exit135). They are a full service hobby shop, about half the size of Hub Hobby. Although they only have a few boats, they do an extensive mail order business and have the full line of Hitec radios and accessories. Its well worth the five minute detour off the freeway for a visit. Give them a look at: Hobby Horse, 1769 Thierer Road, Madison, WI 53704 Info. Phone: (608) 241-3491 Order Phone: (800) 604-6229

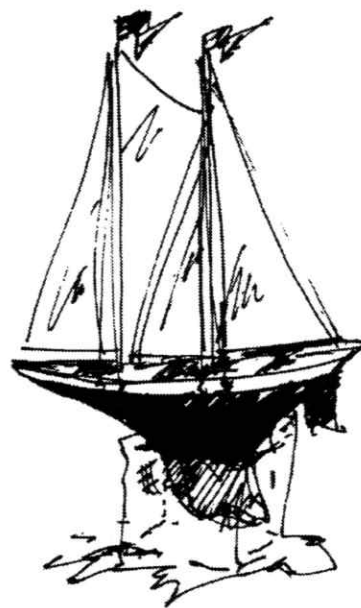
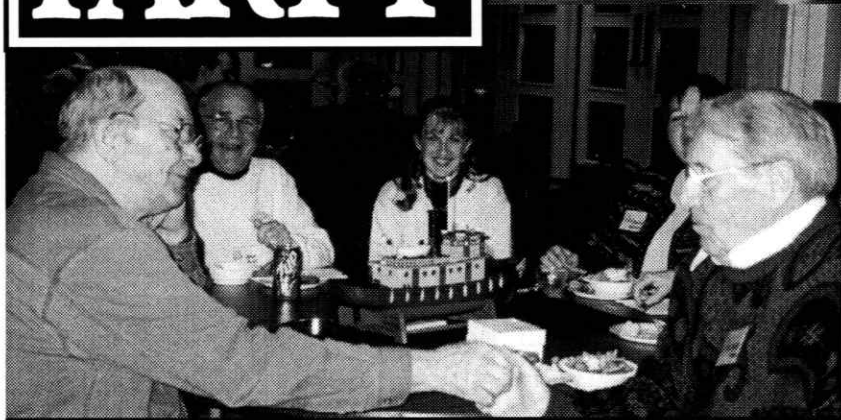
Jim

Sticky!: Flash CA+ Cyanoacrylate Instant Glue is \$5.99 for a 2oz. bottle at Hobby Warehouse in Richfield. They also have Zap-a-Gap CA+ at \$7.99 for a 2oz. bottle.

Compared to Hub Hobby's \$11.99 price for 2 ounces of Zap-a-Gap CA+, that's a real bargain. *Dale*

Building Tips: As I mentioned in the final issue of last year, I would have liked to have had member input for an expanded Builder's Corner for insertion in the winter issues. Since that hasn't happened, I've gone elsewhere for inspiration. Take a look at the article on page three on the use of Corian for model parts. It has been reprinted, with the permission of the author, Eugene L. Larson and the Nautical Research Guild, in whose Journal it first appeared. I'll have Corian samples at the meeting, in the event that you'd like to try it out.

POST-SEASON DRY DOCK PARTY

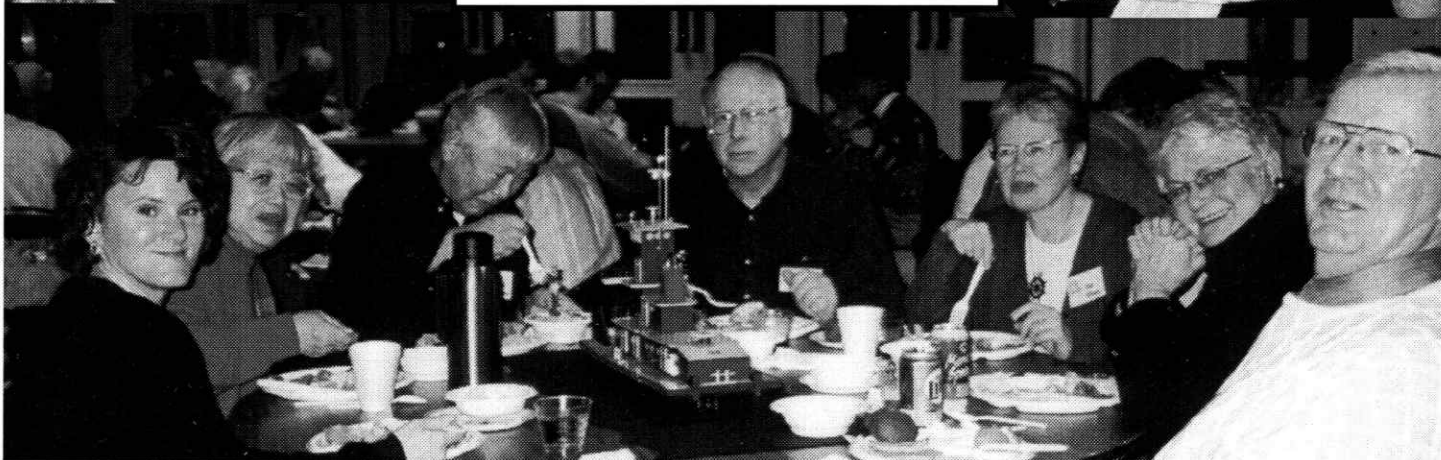
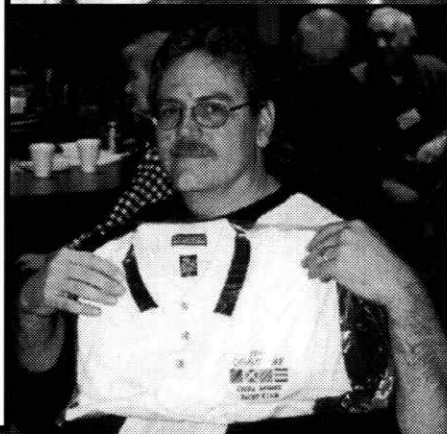


Saturday
November 14th, 1998





POST-SEASON
**DRY
DOCK
PARTY**



Edina Model Yacht Club Income and Expenses 1998

Submitted By: G. Phillips, Nov. 27, 1998

Balance from: 11/27/97 \$1,409.84

Income, 1998

Dues, Shirts, Hats, etc.	\$1,510.45
Radio Control Hobby Trade Assn. Award	\$ 500.00
Gabberts Gift	\$ 250.00
Total	\$2,260.45

Income:	11/27/97 - 11/27/98	<u>\$2,260.45</u>
TOTAL:		\$3,670.29

Expenses, 1998

Newsletter	\$ 282.46
Parade of Model Boats	\$ 57.96
Dry Dock Party	\$ 726.32
Supplies	\$ 62.84
Decals for Members	\$ 113.13
Shirts, Hats	\$ 139.55
Toy Boat Show Table Fee	\$ 40.00
Battery and Charger for Retrieval Boat	\$ 117.13
MISC. (magazine sub., bank chgs, etc.)	\$ 33.55
Total	\$1,572.94

Total Expenses:	11/27/97 - 11/27/98	<u>\$1,572.94</u>
	Balance as of: 11/27/98	\$2,097.35

----- (cut along line) -----

Become A Member Of The Edina Model Yacht Club

Membership levels: Youth: (under 18 yrs.) \$10 per calendar year., Adult: \$20 per calendar year

Membership Application / Renewal 1999

Edina Model Yacht Club, 7499 France Avenue South, Edina MN 55435

(Please make checks payable to: Edina Model Yacht Club)

(Print) NAME: _____

Address: _____

City: _____ State: _____ Zip: _____

Please Show Area Code

Phone: (_____) _____ Youth _____, Adult _____

Type(s) of Sailboat Operated: _____

Type(s) of Electric Boat: _____

Channel Number of Radio(s) - and - Number Of Boats Operated Per Channel (in parenthesis):

CH: _____ (), CH: _____ (), CH: _____ (), CH: _____ ()

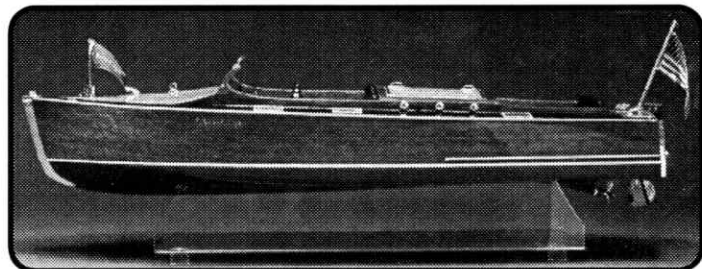
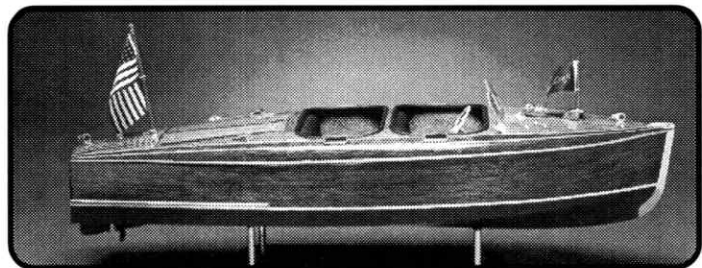
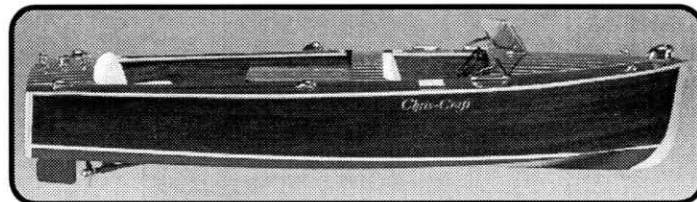
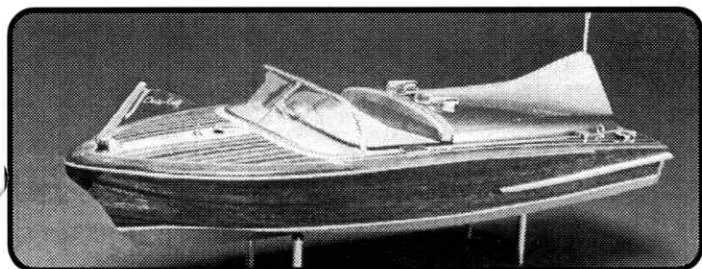
-NOW SHOWING-

**Tuesday, January 26th 7:00pm
Band Room**

**Anyone interested in seeing this 1-1/2hr video is invited to attend this showing of
Finishing Classic Boat Models**

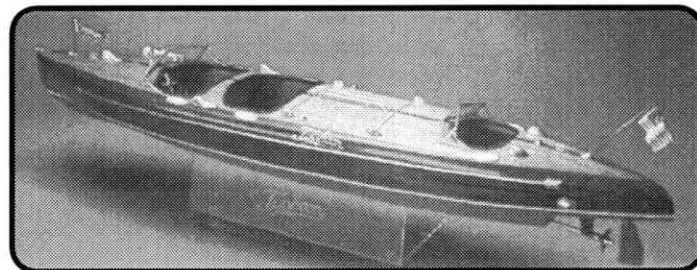
dumas
boats®

Chris-Craft Finishing Video



The single most frequently asked question when we display at trade shows is "How do you get those beautiful finishes on your Chris-Craft® models?" It's never been a secret, and yet again it hasn't been common knowledge. Well, now it is. Our Chris-Craft finishing video shows you the popular techniques and various finishing options at your disposal. This video will provide you with the knowledge and expertise necessary to put down a museum quality finish. Learn the techniques of the pros with the Chris-Craft finishing video.

Dumas Catalog



Corian for Small Parts:

From: *The Journal of the Nautical Research Guild*
< www.Naut-Res-Guild.org >

I heard that Corian (the material used for counter tops in kitchens and bathrooms) is excellent for turning and cutting small parts, I set out to find some. A local cabinet maker informed me that he had a 12-inch by 12-inch scrap cutout from a sink which I could have for \$40.00! I then contacted the cabinet maker who worked for our church and he gave me four large pieces which were probably worth \$150.00 based on the first quote. One piece is 1/2-inch thick, and the rest is 3/4-inch.

Corian, a registered trade mark of Du Pont Company, was developed about twenty years ago for counter tops, work surfaces, sinks, walls, and so forth. It is a hard, solid, non-porous, homogeneous, mineral-filled acrylic resin containing methyl methacrylate. Technical data which I obtained does not state the detailed properties, but the manufacturer claims it to be impact, stain, and heat resistant, and it can be worked with normal woodworking power tools. Du Pont does warn that hot cookware should not be placed directly on the surface, but I have found that it has sufficient temperature tolerance to withstand normal lathe procedures. The data also does not address the compatibility with various paints, but most acrylics and enamels should work well. The product itself comes in a variety of colors.

Corian cuts very easily on the band saw and a 4 inch table saw with a carbide-tipped blade. As blanks for turnings, I cut 3/4-inch, or smaller, square stock. I cut 1/16-inch, 1/8-inch, etc., slabs for flat parts on the band saw and then dimension the stock accurately on the thickness sander. The material sands better than maple both on the thickness sander and with hand-held sand paper. On the lathe it cuts with flakes and spirals like brass, only faster. Corian is more forgiving than brass, and results are excellent on the mill. For example, capstans can be turned and the slots for the whelps can be milled axially. The capstan barrel, head, bar ring, pawl ring, and base can be made separately and then assembled, just as if brass were used. The Corian I use has a light cream color, so parts look almost like ivory or bone.

Lathe work or thickness sanding with regular plastics would be disastrous due to their heating and resultant melting. Corian glues very well. Although I generally avoid cyanoacrylate adhesives because of their brittleness and undetermined longevity, I tried some on this new material and found the bond unbreakable. Hobbypoxy (or Devcon epoxy) gives an extremely strong bond in about fifteen minutes. The manufacturer of Corian sells an adhesive kit for joining pieces for counter tops, and I am told the bond is extremely strong and invisible. However, the

kit costs \$8.00 and all its materials must be used at one time - this is not practical for miniature work where a dab will do.

There are disadvantages to Corian. The first is that when machined, dust and flakes get all over everything. It is like baby powder. When making deep cuts on the lathe such as when rounding square stock, it is helpful to have a shop vacuum running with the nozzle right over the work. Secondly, fine pieces will chip if care is not used. This is usually not a problem if the tool is set properly and fed gently. I have turned 1/32-inch-thick lips 1/4-inch deep on drums for rope reels. Thirdly, one large piece was a dark gray...a perfect color for some parts in my current project. However, it overheated and dulled the cutting tools very fast. Apparently the color was produced by imbedding a gritty, pumice-like substance in the material. The distributor told me this was not Corian. It is probably safest to stay with the light cream color. Finally, since finished Corian parts must be painted, for pieces which need to look like brass or wood I recommend that they be made from those materials.

An added comment: If you can obtain a "sink cutout" or similar piece, you can use it for an absolutely flat building surface. Heavily wax it and adhesives will not stick to it. It is not possible, however, to pin pieces to it. *by: Eugene L. Larson*

I weighed a piece of Corian and found that it comes in at about 112 # / cu ft or... close to 1 ounce per cubic inch.

(aluminum weighs about 1.5 oz, & brass about 4.5 oz.)

I have a few small pieces available which I'll bring to the meeting so that you can give Corian a try. *Jim*

Flappin': For scale American flags that flutter in the breeze try the snow village flags. *Department 56* has an item called "Village Flag Pole" which has a nice looking flag approximately 2-3/4" x 1-5/8" for about \$8.50. *Lemax* has an item called "American Flag Pole" item No. 64150 which has a flag approximately 4 1/4" x 2 3/8" for about \$5.99. *Lemax* villages can be found at *Michaels*, *Menards* and *Mills Fleet Farm*, to name a few. *Dale*

Pretty Good Deal: *Outlaw's R/C World* in *Oakdale, MN*, (1/4 mile north of Int.94 on the west side of Int.694) has a nice model of the *Creole Queen* on consignment. This model is fully assembled, painted and ready to go, with almost all running hardware installed. The only thing missing is the installation of the included speed switch. A 5-channel radio is included. The owner of the boat is *Earl Ringold*, who can be reached [redacted] \$300 for the whole shebang is quite a deal, considering that the kit alone goes for about \$225! *Alex Raupp*

January Meeting Notice:

(Third Tuesday of the Month)
Tuesday, January 19th
7:00 P.M.
Centennial Lakes
Garage Band Room

Commodore:	Dale Johnson
Vice Commodore	Kirk Brust
Vice Commodore	Doug Campbell
Vice Commodore	Jeff McCabe
Vice Commodore	Doug Person
Vice Commodore	Alex Raupp
Treasurer	Gary Phillips

Newsletter Editor	Jim Smith
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For Sale: I no longer have space for a workbench that I built years ago for model airplane construction. It is 68 x 38 x 35 1/2 inches high. (It can be a few inches lower if you remove the casters). The ends are steel, the top is high density board with masonite overlay. There is one shelf, it's wired, and there are bumpers on all corners so that you won't damage your walls...this baby is sturdy (read, heavy). Sorry! Delivery is not included in the price of \$50.00.

Give me a call if interested - -

Dave Bros

EDINA MODEL YACHT CLUB
CENTENNIAL LAKES CENTRUM
7499 FRANCE AVENUE SOUTH
EDINA, MN 55435

First Class