HUT!

MINNESOTA CANOE ASSOCIATION INC.

1982

MARCH

Newsletter of the Minnesota Canoe Association Inc.

Calendar of Events

MARCH

2 Tuesday — MCA Monthly Program
Whitewater canoeing with our newest chapter, the Rapid Riders.
U of M Student Center Theater
Buford and Cleveland
St. Paul Campus
7:30-9:30 p.m.

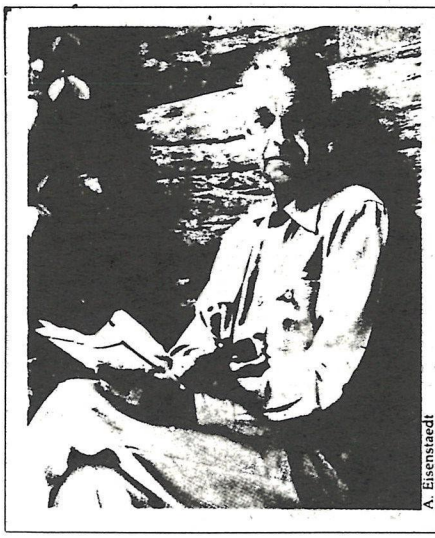
3 Wednesday — Monthly Directors' Meeting
American Red Cross, MN Area Chapter
11 Dell Place at Groveland Ave.
Minneapolis, MN 55403
7:00 p.m.
All members welcome.

3 Wednesday — Tundra Canoeing: Women on the Thelon River
A slide show, with discussion, of two separate canoe trips in the Northwest Territories. Admission $2.
Powderhorn Park Building
35th Street & 15th Ave. South
Minneapolis
7:00 p.m.

5 Friday — Racers Meeting
Topic: Pre-rookies and preparation for Long Slow Days. All racers and interested parties are invited to attend from 8-10 p.m. at John Wexler's, 722-7069, 2923 South 16th Avenue, Minneapolis

6-7 Sat.-Sun. — Outdoor Women's Gathering
Second Annual Gathering of Outdoor Women of the Upper Midwest at Camp St. Croix near Hudson, Wisconsin. For women of all ages, interests, and outdoor skill levels. Will feature skiing and workshops. Registration limited. For more information, contact:
Rose Gerlach
2717 E. 22nd Street
Minneapolis, MN 55406

6 Saturday — Twin Ports Chapter X-Country Ski
Meet at Jay Cooke State Park at 1:00 p.m. Followed by a pot luck dinner at Susan Marsh's. Contact Susan at 409 Park Avenue, Cloquet, MN 55720.



A. Eisenstaedt

Sigurd F. Olson

1899-1982

"Love of the land is the basis for the unending struggle of those who really care against those who see only material rewards."

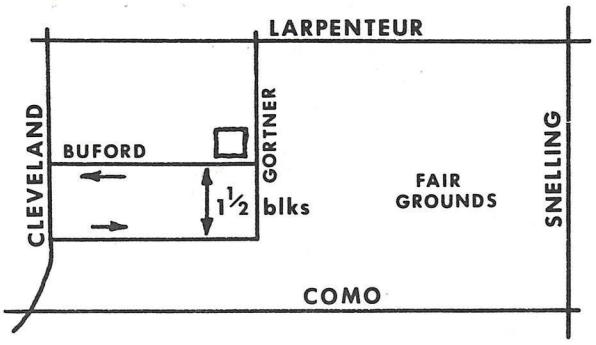
—from "Reflections from the North Country"

MCA Monthly Program

WHITEWATER CANOEING

Dave Garron and Terry Lemke spent a good part of 1981 canoeing the whitewater rivers of Minnesota and Wisconsin. They have put together a slide show titled "Whitewater Canoeing the Midwest" and will present the show Tuesday, March 2, 1981 at 7:30 p.m. The program will be at the University of Minnesota St. Paul Student Center Theater. It's open to the public, and admission is free.

Dave Garron's infamous boat "Jaws" will be on display. Lemke and Garron will also discuss and demonstrate equipment needed for safe and fun whitewater boating. It should be a good program with some surprises.



Calendar of Events

MARCH cont.

12 Friday — Whitewater
Deadline for calling John Wexler (722-7069) or Mike Vande Vyver (922-7633) regarding early, early spring whitewater runs. (See article.)

15 Monday — Map and Compass Reading Course
Course by Venice Barsness will cover use of different types of compasses, reading special purpose maps, pinpointing location, determining headings, traveling safely and accurately. 3 weeks, Mondays, 7:00-10:00 p.m. Advance registration advised. $20 fee. For information call 612-920-4122.
HTC Central
6300 Walker Street
St. Louis Park, MN 55416

18 Thursday — Outdoor (Living) Survival Course
Designed to enhance your enjoyment of the outdoors. Venice Barsness teaches management of the human body and development of priorities for the necessities of life. 10 weeks, Thursday, 7:00-10:00 p.m. Advance registration advised. $42 fee. For information call 612-920-4122.
HTC Central
6300 Walker Street
St. Louis Park, MN 55416

20 Saturday — Which Canoe For You
Workshop on buying, building and repairing canoes.
Science Museum of Minnesota
Auditorium and Museum Square
30 East Tenth Street
St. Paul, MN 55101
See article inside under WORKSHOPS.

20 Saturday — Whitewater Canoeing
First spring runs on Sand Creek and/or Vermillion River (Hastings). Very tentative (see article). For more information, call John Wexler at 722-7069 or Mike Vande Vyver at 922-7633.
9:00 a.m. to 6:00 p.m. or ?

23 Tuesday — St. Cloud Chapter Program
South American Amazon Expedition with Mike Vande Vyver and Roy Johnston. Jungle artifacts will be on display. Discussion of gear used, preparation, and the trip itself will be carried out during an excellent slide program.
Great River Regional Library
St. Cloud, MN
7:00 p.m.

March 23 through June 1 Tuesdays — Class - Feminism and Ecology
Park Jr. High School
2025 Texas Avenue South
St. Louis Park, MN
Register on first night. For more information, call Judith Niemi, 722-2682.

APRIL

2 Friday — Racers Meeting
For all Minnesota racers, films and slides of last season's fiascos. All racers and interested parties are invited to attend from 8-10 p.m. at Betty Ketter's, 561-2208.
101 - 79th Avenue North
Brooklyn Park, MN

6 & 13 Tuesdays 17, Sat. — Backcountry Navigation by Map and Compass
See article under CLASSES.
Science Museum of Minnesota
Auditorium and Museum Square
30 East Tenth Street
St. Paul, MN 55101

7 Wednesday — Monthly Directors' Meeting
Dave Logeais
316 W. Diamond Lake Road
Minneapolis, MN 55419
7:30 p.m.
All members welcome.

7 Wednesday — Four Months on the Mississippi
Slide show of a 2-woman canoe trip from Lake Itasca to the Gulf of Mexico. $2 admission.
Powderhorn Park Building
35th St. & 15th Ave. S.
Minneapolis, MN
7:00 p.m.

April 8 through June 10 Thursdays — Class - Where Land and Water Meet
Ecology in Minnesota. Understand basic ecology by learning about the natural regions of Minnesota.

15 Thursday — MCA Monthly Program
Trip planning for the Boundary Waters. Discussion and slides about routes, equipment, entry points, permits, and much more. See article inside under PROGRAMS.
Maplewood Heritage Center
2005 Edgerton Street
Maplewood, MN 55117
7:00 p.m.

Hut! Staff

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Send articles to:

Mike or Sharon Gilman
810 South Sixth Street, Apt. 1
Hopkins, Minnesota 55343

DEADLINE FOR EACH ISSUE

Articles should be submitted to the Editor no later than the 12th day of the month preceding publication.

To: All MCA Members

From: Penny Mielke (776-1935)

Re: April Monthly Program

April Program

I chose chairing the April "Preparing for BWCAW" program because of my own interest in that area and my desire to learn more about it. As far as the program is concerned, I'll provide the basics; i.e., information on obtaining permits, maps, necessary equipment, and clothing, etc. But I will look to you to furnish the meat of the program: route suggestions, pet pieces of equipment and/or clothing, special anecdotes, innovations, pictures, and anything else you can think of.

Admittedly, all the talk in the world can never fully prepare people for their first Boundary Waters experience, but it helps. I'm of the opinion, however, that all levels of experience could benefit from and enjoy an evening of BWCAW sharing as proposed.

I will need your help, though, so a number of you will be receiving a call from me. But please, if you already have an interest in this program and would like to help out, don't wait for me to call you; kindly contact me. Your interest and assistance will be greatly appreciated. Thanks.

The meeting place is the Maplewood Heritage Center, 2005 Edgerton Street, Maplewood, Minnesota 55117, starting at 7:00 p.m.

THE ULTIMATE CANOE CHALLENGE

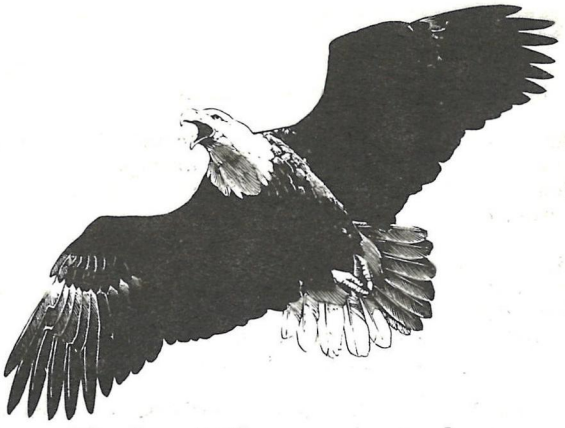
by Mike Gilman

With the cold temperatures of winter freezing them out of Alaska, Verlen Kruger and Steve Landick returned to Lansing, Michigan for a visit with family and friends. The layover includes working on equipment needs, such as sewing up packs, and the design of a new canoe, a second generation Loon called the Monark.

This new boat, already off the molds of Mad River Canoe Company, is three inches longer and two inches deeper than the Loon. It will be offered to the public in the same layups as Verlen requested. Since the bow gets a beating on rocky shores, and the stern catches it on the ledges of shallow rapids, these areas are reinforced with 12-14 layers of DuPont's Kevlar, under a layer of S-glass. The entire laminate is saturated with a special vinylester resin from Dow Chemical.

Steve will be paddling the Monark, but Verlen plans to keep on paddling his Loon for the entire 28,000 miles. He says that it is as sound structurally as the day he started at Red Rock, Montana in April of 1980. The Loon is offered for sale to the public by Sawyer Canoe Company. Both Verlen and Steve hope to start paddling again in March near Skagway, Alaska.

(Editor's Note: You can follow the Ultimate Canoe Challenge in more detail through the monthly UCC newsletter from Verlen and Steve. Cost is $10. Write to: Ultimate Canoe Challenge, 617 South 94th, Milwaukee, Wisconsin 53214. All proceeds go to support the UCC.)



Help Minnesota's Nongame Wildlife

. . .and Earn a Tax Deduction at the Same Time

On your Minnesota income tax form (line 15) or property tax form (line 17), look for this statement:

"If you wish to donate $1 or more to the Minnesota Nongame Wildlife Fund, fill in the amount here. This will reduce your refund or increase the amount you must pay. . ."

This tax law provision allows you to donate part, or all, of your tax refund to the Nongame Wildlife Fund. If you do not receive a refund, you may increase the amount you pay in taxes and donate the difference to the Fund.

Your donation will be used by the Department of Natural Resources to protect and manage nongame wildlife — loon, bald eagle, prairie chicken, bluebird, American elk, and other species. The peregrine falcon and trumpeter swan will be reintroduced to Minnesota with these funds. Donations will also help support the Raptor Research and Rehabilitation Program at the University of Minnesota.

Land development, soil erosion, pollution, and illegal killing threaten many nongame species. The Nongame Wildlife Fund will help prevent these animals from becoming endangered.

Your donation is tax-deductible. It generates enormous benefits for wildlife. Remember to claim last year's donation to the Fund as a charitable donation on this year's tax return.

More information? Write:

Nongame Wildlife Fund, Department of Natural Resources, Section of Wildlife, Box 7, Centennial Bldg., St. Paul, MN 55155.

NEWS RELEASE!

BWCAW RESERVATIONS

by Mike Gilman

Take note: A $5 fee is now being charged when making reservations more than 48 hours in advance of the trip date. The new fee (now in effect) must accompany a reservation, which can be made in person or by mail. No telephone reservations anymore! One change of entry point will be allowed without an additional charge. Permits are required from May 1 through September 30. With the tightening of the state's budget this year, the money will be used to offset the handling costs of processing reservations, of which there were approximately 20,000 in 1981.

CRUSIN' ALONG

by Jim Robinson, Cruise Director

As Cruise Director, I would like to introduce a rating system for scheduled cruises. Ratings would be as follows: (B) Beginner; (N) Novice; (I) Intermediate; (A) Advanced; (SH) Special Hazards.

Beginner cruises would be for those persons who are not knowledgeable of canoeing skills beyond straight line propulsion. There should be no safety hazards. Length of the cruise should be such that even an out of shape person will be able to keep up.

Novice level would require avoiding an occasional rock, knowing what to do when faced with a power-boat's wake, and negotiating a narrow, winding stream with moderate current.

Intermediate cruises call for skills in draw and pry strokes and ferrying. The ability to handle Class 2 rapids is a must.

Advanced cruises should be undertaken only by those persons who are skilled in whitewater, including Class 3 rapids. If you have to think about what a particular stroke will do—don't go on an advanced cruise.

The Special Hazard cruise requires extra skills and/or equipment. The trip leader should detail what is required for participation. The Wexler/Vande Vyver early spring cruise on Sand Creek is a good example of a special hazard cruise. The water temperature makes wetsuits mandatory.

Persons wanting to go on a cruise should honestly evaluate their skills and not attempt cruises for which they are not qualified. Call the trip leader and discuss cruise conditions with him. If he feels that you should not go, take his advice. By the same reasoning, if a leader thinks that the requirements of a cruise are beyond a person's ability or equipment, he should say so. It is better to hurt someone's feelings than to have them be injured or worse on a cruise for which they are not qualified.

I welcome any input on this rating system. Contact Jim Robinson at 4421 - 36th Avenue North, Minneapolis, MN 55422, or by phone at 612-588-5402.

(Editor's Note: Those of you who would like to improve your canoeing skills should check on the courses offered through our Education and Safety programs this year headed by your MCA Director Karl Ketter. These classes and the whitewater classes (offered again this year) are highly recommended. Are you interested in trying out a few different paddle strokes?)

From the BOW

by Venice Barsness, MCA President

LET'S PARTICIPATE!

In every organization, the members receive the maximum benefit from their membership by participating in the activities of that organization. Participating means involvement, not only in the final activity, but in the planning of that activity. YOUR canoe club needs your involvement in its activities.

The amount of time you spend working on MCA activities depends on how much time you have available; no one is going to tell you that you have to volunteer "X" number of hours per week, month, etc. It's up to you.

Several of YOUR Directors are looking for help:

Mike Gilman is looking forward to your sending him a article for HUT!. Due to space limits, he may not use it in the month it is received, but he still wants that article. He's also interested in other kinds of help.

Lonnie Helgeson needs to put together several programs for this coming year—people to contact speakers, arrange for locations, get the coffee ready, help with advertising, and many other things.

Karl Ketter will be running classes this summer. Would you like to become an instructor in canoe handling or some other area?

Dave Logeais would like to be kept informed on anything dealing with conservation. Do you belong to a conservation club or group? Let him know what you're doing.

John Kopp will be having several building shows, workshops, and other things this year. He needs help!

Jim Robinson is planning the biggest year yet for cruising. Can you lead a cruise, or help plan one, or suggest a river where we should have one, or just answer phone calls requesting information?

You will find the phone numbers and addresses of all the Directors on the back cover of this issue of HUT!. Sit down right now and call one!

Feel wanted—GET INVOLVED!

MCA GOES TO THE SPORTSMAN SHOW

by Mike Vande Vyver, Vice President

This year the MCA will be on display at the Sportsman Show. Our purpose is to gain exposure and hopefully increase membership. Our booth will cover all aspects of the sport, such as racing, building, whitewater, camping, and cruising.

We need lots of support to keep this fine club on its toes. Members wishing to volunteer a couple of hours will be briefed on the show as well as receive a free pass. Usually there is time to wander through the other exhibits. We would like to have at least two members present throughout the run of the show.

The dates of the show are March 26 through April 4. We plan to man the booth from 6 p.m. to 11 p.m. Monday through Friday and from 12 p.m. to 11 p.m. on Saturdays and Sundays. Those members interested can select their own duty hours. It's a great place to talk canoeing and an ideal way to see the show for free. The location is the Minneapolis Auditorium at 1403 Stevens Avenue South. If interested, call Mike Vande Vyver at 612-922-7633.

Tribute to Sigurd Olson

ENVIRONMENTALIST SIGURD OLSON
DIES AT AGE 82

by Dave Logeais, Conservation Director

Sigurd Olson, outspoken advocate for protection of the Boundary Waters Canoe Area Wilderness, died on January 13, 1982. Olson suffered a heart attack while snowshoeing with his wife at the edge of the wilderness he loved so deeply. He died a short time later at the Ely-Bloomenson Community Hospital. He had been in poor health for several years.

Olson was born in Chicago in 1899. When he was six years old, his family moved to Wisconsin. He later studied at Northland College in Ashland and received a bachelor's degree in biology from the University of Wisconsin. He completed advanced studies in ecology and received a master's degree from the University of Illinois.

Olson began a long association with Ely Junior College in 1922. Now known as Vermillion Community College, he was head of the biology department until 1935. From 1935 to 1946, he was dean of the college. In 1946, he became a freelance writer on a full-time basis.

Over the years, Olson divided his time between writing, working on environmental issues, and acting as a wilderness guide in the Superior-Quetico country. He first became active in conservation issues in the 1920's, working to block plans for roads and dams in the Boundary Waters Area. For the rest of his life, he fought for increased protection of the BWCAW. Because of this stand, he was frequently opposed by other Ely area residents who felt the area was large enough to sustain increased development. In fact, in 1977 Olson was hung in effigy during a congressional field hearing in Ely.

Olson received much praise and many awards for his involvement in the environmental movement. Upon presentation of the Robert Marshall Award from the Wilderness Society, it was said of Olson:

> "Sigurd Olson is one of the great voices in the American wilderness movement. His writings, his conversations, and his philosophy of life all reflect a profound understanding of the environment and man's intimate relationship to it."

Among the groups Olson was active in are the Izaak Walton League, the Sierra Club, Friends of the Boundary Waters Wilderness, the National Park Association, and the Wilderness Society.

Olson is survived by his wife, Elizabeth, sons Sigurd, Jr. and Robert, three grandchildren, and three great-grandchildren. Son Robert is retired from the U.S. State Department and lives in Hayward, Wisconsin. Sigurd, Jr. lives in Anchorage, Alaska and is retired after a career in the U.S. Forest Service as a wildlife biologist.

Olson wrote more than 100 published articles and nine books. Much of his writing was done at a small cabin behind his home in Ely. Perhaps more famous is the cabin on Burntside Lake where Olson acknowledged the inspiration for his work frequently originated. This is the setting for his book "Listening Point." Olson's other books include "The Singing Wilderness," "Reflections from the North Country," "Wilderness Days," and "Runes of the North." "Open Horizons," published by Alfred A. Knopf, is an autobiography. "Of Time and Place" is to be released some time this spring.

From "Listening Point," published in 1958 by Alfred A. Knopf

And so it must be for all of us who have known the back country. No little sanctuaries along the fringes of civilization ever quite suffice. We must know the wild and all it entails, the bite of a tumpline on the portages, the desperate battling on stormy lakes, the danger and roar of rapids and falls. We must know hunger and thirst and privation and the companionship of men on the outtrails of the world, for all these things are inseparable. When after days or weeks of travel we modern voyageurs find ourselves on a glaciated point a hundred or a thousand miles from any town and stand there gazing down the length of some unnamed lake listening to the wild calling of the loons and watching the islands floating in the sunset, there is a fierce joy in our hearts...

...The fact that relatively few have any intimate physical contact with undeveloped country is unimportant. While traveling by canoe, packhorse, or on foot may be the ideal way to experience the wilds, the very existence of such areas affects those who see only its fringes or are aware that it exists at all. So ingrained in our consciousness, so intuitive is this reaction that even a suggestion of wilderness adds richness and color to experience.

WOMEN'S CANOE BEE A SUCCESS

by Penny Mielke

What better way can a woman spend a crisp, sunny winter day than among friends who find it difficult to discuss anything but canoes, rivers, and the BWCA? Those who attended the recent "Canoeing Bee" did just that, and pieced together a delightful happening.

Betty Ketter was in attendance, as were Winnie Dan Schmidt, Caryl Duke, Sandy Gravel, Lora Lakin, Janice Liberko, Helen Olson, and Penny Mielke. Janice, Caryl, and Sandy chose not to ski: Janice because she had already spent the morning testing Earl's latest snowshoe creations; Caryl--something to do with windchill (?); and Sandy—well, she really isn't into winter much. The others skied Lake Phalen's golf course under Helen Olson's tutelage.

The afternoon was spent immersed in conversation; i.e., Betty talking canoes; Helen, skiing; Lora, wilderness camping; Sandy, paddling experiences (as only she can relate them); Winnie and Caryl, open boat whitewater; Janice and Penny, the St. Croix.

The women were still engrossed in conversation when Penny's husband arrived home that evening. Before adjourning, it was agreed by all that another such "canoeing bee" will be held in 1983.

Classes, Clinics & Workshops

WHICH CANOE FOR YOU: A WORKSHOP ON BUYING, BUILDING, AND REPAIRING CANOES

Examine the variety of canoes readily available, explore differences in design and type which affect use, determine the "best" canoe for you, learn the options of paddles and other auxiliary equipment, and discover simple methods for repair. Presentations from 12-2:30 by Karl Ketter and Tom Aluni.

Displays from 10:30 a.m to 4:30 p.m. Various brands of canoes and equipment will be provided by local dealers and organizations. Resource people will be present to answer questions about building canoes, trip planning and packing, whitewater techniques, and kayaking.

DATE: Saturday, March 20

LOCATION: Science Museum of Minnesota, Auditorium and Museum Square, 30 East Tenth Street, St. Paul, MN 55101

FEES: $8 members of SMM and MCA, $10 non-members, $5 each additional member of the family

Contact Julie Betz at 221-9439 for further information.

Register through Continuing Education, Science Museum of Minnesota, 30 East Tenth Street, St. Paul, Minnesota 55101.

Please mention if you are members of the MCA.

* * *

BACKCOUNTRY NAVIGATION BY MAP AND COMPASS: A Continuing Education course at the Science Museum of Minnesota

Learn the skill of map interpretation and compass orientation. Be able to determine your location in the wilderness using triangulation, time and distance traveled, and landmark identification. We will discuss compass selection, types of maps and their uses, and minimum impact travel. A 1-day field trip will give you the opportunity to practice new skills. If you have a compass, bring it to the first session. Some equipment will be available for those who don't already own it.

DATES: Two Tuesdays, April 6 & 13, 7-10 p.m., and Saturday, April 17, 8 a.m. to 5 p.m.

LOCATION: Science Museum, Tozer Room and field site

INSTRUCTOR: Tim Kneeland, Director of the Institute for Survival Education

FEES: $35 members of SMM and MCA, $40 non-members

Contact Julie Betz at 221-9439 for further information.

Register through Continuing Education, Science Museum of Minnesota, 30 East Tenth Street, St. Paul, Minnesota 55101.

Please mention if you are members of the MCA.

SOLO CANOE CLINIC SPONSORED BY REI

Cliff Jacobson, Bob Brown, and Darrell Foss, designers of the new Old Town "CJ Solo Special" canoe, will present a clinic on the JOY OF SOLOING at REI on Wednesday, May 12, at 7:30 p.m.

You'll learn the intricacies of paddling, portaging, and packing a solo canoe, plus tips for rigging it (covers, knee pads, yokes, navigational tools, etc.) for serious wilderness travel. A mess of solo canoes—including the pure bred "CJ Solo Special" and its original woodstrip prototype—will be on hand for you to examine.

The men will show slides of their recent CANOE magazine sponsored solo trip on Ontario's spectacular Steel River.

There's a freedom in the solo style unmatched by the confining shared responsibility of a larger canoe. Paddling a solo canoe is like touring the back roads of America in a vintage sports car.

Soloing is addictive: It rejuvenates the body and spirit.

* * *

WILDERNESS CANOEING SEMINAR SPONSORED BY REI

On Wednesday, April 21, at 7:30 p.m., Cliff Jacobson, author of "Wilderness Canoeing and Camping," columnist for HUT!, and frequent contributor to CANOE magazine, will present a clinic on wilderness canoeing.

Cliff will show you how to rig your canoe (both tandem and solo) for wild water trips, and he'll present dozens of interesting equipment ideas.

You'll learn to build a fabric splash cover to fit your canoe, to portage with the aid of a canoe tumpline, how to really waterproof your gear, how to pack for a canoe trip, and much more. Included will be many unusual camping and cooking ideas and ways to inexpensively customize equipment.

On hand will be two canoes with their fabric covers, plus a full equipment display...and Cliff will pull no punches in advising what works and what doesn't.

This is a fast-paced, informative workshop for those who are seriously interested in wilderness canoe tripping, be it the wild rivers of the far north, or the friendly BWCA and Quetico. Come early and stay late...this is a very popular clinic!

* * *

OUTDOOR EDUCATION PROGRAM

North Hennepin Community College in Brooklyn Park announces its plans for the Summer Outdoor Education Program, now in its 7th year. A 15-credit package involving camping, swimming, canoeing, wilderness first air, and field biology in a BWCA setting for eight days is scheduled to begin evening on-campus classes on July 12.

A second 15-credit package involving field biology, geology, astronomy, and camping begins morning on-campus classes on July 26. This course includes a 9-day backpacking trip into the Colorado Rockies. Early application is recommended because of limited enrollment.

For informational brochures, write to North Hennepin Community College, 7411 - 85th Avenue North, Minneapolis, MN 55445, Attention: Bob Swanson, Mary Bonstrom, or call 425-4541, ext. 318 or 323.

Lessons & Clinics

DO YOUR FRIEND A FAVOR

Save his life! If you have had CPR or First Aid training, you may be able to do just that. MCA members are encouraged to take safety instructional courses from the Red Cross. All you have to do is contact your local Red Cross chapter (see phone book) to get information on classes convenient for you.

The Minneapolis area chapter offers 15 CPR and First Aid courses in March, April, and May. These courses are taught at the Red Cross offices at 11 Dell Place at Groveland Avenue in Minneapolis. Registration materials can be obtained by calling 612-871-7676.

These courses are filled on a first-come, first-served basis, so call early because registration forms and fees must be received before the class day.

CPR - Modular System Course

Minimum Age: 13 or completion of 7th grade
Total Hours: Approximately 8
Course Fee: $10

Students proceed at their own pace through an integrated series of steps that combine use of workbooks, peer practice, and mannequin work to complete the course.

March 3 & 10	6:00 - 10:00 pm	Wednesday
March 4	8:00 am - 5:00 pm	Thursday
March 11	8:00 am - 5:00 pm	Thursday
March 15 & 22	6:00 - 10:00 pm	Monday
March 16	8:00 am - 5:00 pm	Tuesday
March 17 & 19	6:00 - 10:00 pm	Wed & Fri
March 23	8:00 am - 5:00 pm	Tuesday
Mar 30 & Apr 6	6:00 - 10:00 pm	Tuesday
April 7	8:00 am - 5:00 pm	Wednesday
April 15	8:00 am - 5:00 pm	Thursday
April 24	8:00 am - 5:00 pm	Saturday
April 26	8:00 am - 5:00 pm	Monday
May 3	8:00 am - 5:00 pm	Monday
May 11	8:00 am - 5:00 pm	Tuesday
May 11 & 18	6:00 - 10:00 pm	Tuesday
May 18	8:00 am - 5:00 pm	Tuesday

KAYAKING THROUGH LIFE

by Mike Lewiecki

(From the Adobe Whitewater Club News, via Paddlers' News Bulletin)

When hard times come and life is Class 5
You need a bulletproof roll just to survive.

Strength sure helps, but you've got to have more
Like faith and finesse to escape a killer hole.

If you're in a whirlpool rapid spinning round and round,
There's often naught to do but go with the flow.

When worse turns to worst and you want to bail out,
You've got to do your best to stick with your boat.

The river knocks you here and there, it throws you all about.
Just remember that your safety lay in staying with that boat.

VACATION IDEAS

VOLUNTEERS IN THE NATIONAL FORESTS

Are you looking for something different to do with your free time this summer? How about clearing a trail, building a campsite, serving as campground host, or teaching wilderness campers how to visit the wilderness and preserve it for those that follow? Each year hundreds of dedicated men and women throughout the United States volunteer to help the Forest Service protect the beauty and character of our forest lands. It is an opportunity to do something positive for the environment, attain a sense of personal fulfillment, learn new skills, and meet new friends.

The Superior National Forest in Minnesota is looking for volunteers who wish to work as wilderness rangers, campground hosts, trail construction and maintenance workers, and wilderness education specialists. Most of the jobs will be performed in or near the Boundary Waters Canoe Area Wilderness in northeastern Minnesota. To be a volunteer, you are not required to have any particular skills; however, you must be self-disciplined, willing to do arduous work, and possess a desire to learn. Job tours vary in length from two to eight weeks or longer if desired. There is no pay for volunteer work, but you will receive some compensation (non-taxable) each day to help cover living expenses. Also provided are shelter (usually a trailer, a tent, or free use of a campsite in a developed campground), professional training, all tools needed to perform your job, and full medical compensation if injured on the job.

Intangible benefits include the opportunity to expore the nation's most spectacular canoe country, working with others who share your concern about the management of our forests, and the satisfaction of helping enrich and preserve a heritage for future generations. Your work as a volunteer will be productive, challenging, and rewarding. The job will often be difficult, but it will expand your awareness and knowledge of how the land is managed.

Volunteers are recruited as individuals or in groups. If you or your organization are interested in applying or need more specific information, contact Barb Soderberg, Recreation Volunteer Coordinator, Superior National Forest, P.O. Box 338, Duluth, MN 55801, or Al Wolter, Public Information Officer at 218-727-6692, ext. 380.



Mississippi Mud

NEWSLETTER OF THE LONG DISTANCE CANOE RACERS

President - Steve Peterson, 753-2921
Race Calendar - Warren Thunstrom, 780-3284
Mississippi Mud - Karl Ketter, 636-8116
Membership - Ken Boettcher, 426-0059

* * *

MEETINGS - NEWS - RUMOR

On Friday, March 5, all experienced, inexperienced, and potential rookies should attend a dry land meeting at the home of John Wexler, 722-7069.

The meeting part starts at 8:00, but the good conversation part will be before that and after 9:30. This is the planning session for Long Slow Days. This appears to be the best year for spring runoff since Jeff and Gary broke a wooden canoe over a tree trunk—that is now 10' above the water!

The All Racers Gab Fest and Film Festival will be at Betty Ketter's on April 2. Dig out the oldest films and slides you have as a lot of new paddlers would like to see the good old days when we all weighed less.

In January, Chris shared some of Uncle John's secret chili with those paddlers who met and decided all kinds of important canoe stuff. Then we told wolf stories and held a loon call contest. Al Dubois' slides of the Minneapolis and Shawinigan Classiques held us spellbound (or else they were asleep). A recent check of the MCA membership list shows 55 active or reformed canoe racers!

Jim and Maren Haguen have a new home in Grand Rapids, but Maren commutes to college in Duluth or Bemidji—it was some place like that.

An item in March CANOE magazine showed the "Illinois Paddling Brigade" in a 40' ocean outrigger. Stu Bastian, Mike Chickanowski, Al Rudquist, and Gene Jensen hired out to paddle the other Wisconsin and Illinois guys around.

Warren is working like mad trying to get information on canoe races for the Minnesota calendar. Let him know of all canoe races you have heard about so we can get the dates and details before race day.

Call Karl, 636-8116 or 376-4319, to reserve a spot on LSD training runs. These Long Slow Days require complicated logistics, so if you sign on late, you may be riding on the roof with the canoes. We intend to paddle the Zumbro, Straight, Cannon, north and south forks of the Crow, the Rum, the Elk, Sunrise, Minnehaha Creek, Rice Creek, upper upper Mississippi. This will happen between March 1 and May 31.

Racers wanting to be canoe instructors call Karl for the career opportunity. Open dates for May, June, July, August, and September.

SON OF HUT

MCA's HUT! has a 2-year-old child! HUT Junior is also a canoe newsletter and is living with her editor Janice Matichuk in Ontario. This is another case of Minnesota canoe racers' reputation across the continent.

The Ontario Marathon Canoe Racing association is about 200 members strong and promotes 34 races a year! They also paddle North Canoes in at least five events a year. The address for OMCRA HUT is Box 129, Lafroy, Ontario, Canada L0L 1W0.

OTHERS

We ain't the only canoes in the sea. In fact, we ain't even as organized as the others. Besides the U.S. canoe clubs, there is a growing group of Canadian organizations. The Canadian type of long distance racing has inspired and challenged Minnesotans since the 1940's. We should make every effort to keep in touch with these racers!

NEWS FROM "THE VOYAGEUR" by way of OMCRA

Canadian Marathon Canoe Racing Association Newsletter

President - Randy Chapman, Saskatoon, Sask.
Past-Pres. - Murray Bremner, Thunder Bay, Ont.

PROVINCIAL GOSSIP (About marathon associations)

Newfoundland - Presently small with few members, but very active. Membership: $10.

Quebec - 700 members, 35 races, and lots of spectators. Membership: $5.

Ontario - 200 members, 34 races. Membership: $15.

Saskatchewan - Growing quickly. Very honored to have hosted the 2nd National event; it has spurred enthusiasm in the Sask. Canoe Ass.

Alberta - Ten races with just about all recreational canoes. Funding has restricted the growth of marathon in the past, but is starting to gain popularity. Membership: $30.

British Columbia - 30 members. Recently drafted a marathon constitution. Many recreational paddlers trying marathon. Membership: $20.

New Brunswick - Mainly recreational, but are now setting up a marathon section. 10-15 races.

RACING CANOES —Anonymous—

I am sleek, I am smooth
And how do you suppose they treat me?
They drag my ass and rust my brass,
And use gray duct tape to patch me.

I go fast, I go straight
And how do they reward me?
With gobs of mud and sticky crud,
And never do they ever hug me.

I keep 'em high, I keep 'em dry
And how do they repay me?
They rip my hide and drill my side
And all but damn near fillet me.

BUT WHERE'S THE WATER?

by Terry Lemke

The whitewater rivers in the midwest were running low, as they usually do in August. Dave Garron and I had been paddling Minnesota and Wisconsin rivers since April, and when water levels started to drop, we didn't know what to do with ourselves. So we decided to go east to try our paddles in some of the eastern rivers we had so often heard about. We loaded up Dave's van and Dave, Sandie (my wife), and I struck out for the eastern mecca of whitewater canoeing: the Nantahala Outdoor Center (NOC).

The NOC is located on the banks of the Nantahala River in the Great Smoky Mountains of North Carolina. It has been acclaimed as one of the best whitewater education centers in the country. Along with whitewater education, the NOC is also a dealer in various artifacts that every whitewater paddler should have, and more. It also offers rafting trips on many of the rivers in the area.

We arrived at the NOC just as the sun was setting behind the Smokies. Anxious to see the river, we jumped out of the van and ran to the bridge, but it was getting dark and all we could see was a faint glimmer of water. We would have to wait until morning. We wandered around the NOC for a while. There were kayakers and canoers everywhere, and talk centered around the river adventures of the day.

Morning finally arrived. We had found a campground the previous night with a vacant spot not too far from the NOC and had thrown our sleeping bags on the ground. After some breakfast, we returned to the NOC. It was teeming. Vehicles were stacked high with boats of various shapes and sizes. Buses were loaded with people and rafts. Dave, Sandie, and I went to look at the river and were shocked. "But where's the water," I asked. There was hardly enough water in the river to sustain a minnow. But wait! All these people weren't here for nothing. Then it occurred to us, many eastern rivers are dam controlled, and the Nantahala River is one of them.

The Tennessee Valley Authority opened the gates of the dam at 10:00 a.m. By noon, the river was flowing again. We headed toward the put-in area just below the dam. Arriving at the put-in, we were again shocked. There were people everywhere. Police were directing traffic. There was every kind of canoe, kayak, and rubber raft ever manufactured. After fighting our way through the crowd, we finally reached the river.

The Nantahala River is rated Class 3. It has swift, continuous currents, constant haystacks, low drops, and a few holes. Nantahala Falls and Wesser Falls are the two biggest obstacles on the river. Wesser Falls is unrunnable, and Nantahala Falls is rated Class 5. Our trip downriver was easy and without incident. The rapport that Dave and I had was evident as we paddled. Nothing seemed to bother us or get in our way. At times there was heavy fog on the river caused by the cool, 50° water reacting with 85° air temperature, and it was difficult to see the rapids, but it didn't bother us too much. After about seven miles of paddling, we reached Nantahala Falls. The approach to the falls was crowded with boats. Spectators lined the banks. We took a number and waited our turn. While waiting, we scouted the falls. It dropped about eight feet in two steps and between steps a quick zig-zag would be required. Returning to our canoe, we set off. Down the first step we glided, did our zig-zag, and slipped through the second step. We were the talk of the river that day, not because of our canoeing ability, but because we had the only canoe with jaws painted on the bow. We took out near the NOC, loaded the van, and headed for Tennessee and the Ocoee River.

The Ocoee is located near the Tennessee/North Carolina boarder and is another dam-controlled river. It is rated from Class 3 to Class 5, and it certainly lives up to its ratings. Although it's not a very technical river, what it lacks in boulders and sharp bends it more than makes up for by having lots of ledges, bit haystacks, many holes, and being very fast.

I was very apprehensive that morning we put in the Ocoee. It was by far the biggest whitewater I had ever paddled. As I sat in the stern waiting for Dave, the description of the Ocoee I had read earlier kept flashing in my mind. "Many rapids are Class 5 and continuous. Eddies are sparse, and dumping means at least a half-mile swim."

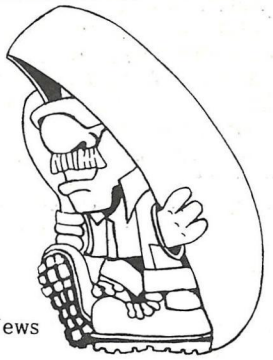
Dave jumped in the canoe and we were moving down-river. We had not gone far when we encountered our first of three demises. I don't remember exactly what happened, but we were in the water for our first half-mile swim. We got ourselves back together and tried again. And again we did not get far before going for our second half-mile swim. The rapport that Dave and I had the day before on the Nantahala was gone. Dave was solemn and seemed not to be reacting to the situations that we encountered. I was frantic and over-reacting. We just couldn't get our act together.

The river was very difficult to read. Picking the right course was almost impossible at river level, and there weren't any places to scout the rapids from shore. We joined up with some people in C-1's that knew the river. They told us that a rapids called "Double Trouble" lay shortly ahead and that the approach started on the far right side of the river and crossed over to the far left where two gigantic holes waited to swallow the unsuspecting.

We started down Double Trouble. I was thinking we had to be farther right river and conveyed this to Dave, but he didn't hear me. I was paddling frantically to get us right river, but it did no good. Before Dave could react, we were swept over an unseen ledge that drops about three feet. I, naturally, ejected my paddle (which I am noted for). Dave was swept down river. I figured if I was going through two holes, I was going through with the canoe, so I grabbed hold and rode it through. I finally got the canoe into the eddy about 150 yards downstream where Dave was. He had my paddle, but I had the canoe. (Which is more important?)

We were both frustrated about our poor performance, and we blamed it on our lack of knowledge of the river. In the first two miles of river, we had spent more time in the water than on the water. We joined up with a group of open canoes and followed them down the rest of the river. When we reached the take-out point, we talked of running the Ocoee again that day, but the cold water had taken its toll, and Dave and I were pretty tired. So we called it a day, a unique trip, and a trip we hope to take again soon.

The Duluth Traveler



Twin Ports Chapter News

by Susan Marsh

President: Rick Luck, 18 W. Owatonna Street, Duluth, Minnesota 55803, 724-7992
Cruise Coordinator: Susan Marsh, 409 Park Avenue, Cloquet, Minnesota 55720, 879-3460

Contrary to rumors that the Twin Ports chapter is temporarily on ice (so to speak), we are alive and well up here, and starting to think about the boats that are buried in our back yards under yards of snow. Those of us who lean toward whitewater boating are already trying to work out an equation for converting feet of snow to feet of water in the rivers this spring.

However, we haven't given up on winter yet. Although our last attempt to have a meeting which included cross country skiing and a potluck dinner was met with the infamous "Blizzard of '82", we are, true to our stalwart reputation, willing to try again. Barring natural disaster, we will meet at Jay Cooke Stat Park at 1:00 p.m. on March 6 for cross country skiing followed by a potluck supper at my house. Those of you who have sent envelopes will receive details in the mail. Otherwise, you can call me for further information and reservations. (Mark C., are you going to try again?)

As I mentioned earlier, the whitewater season is just around the corner. As soon as the ice moves over enough to squeeze a boat in, you can bet there will be some weekend trips already planned. We will be basing our plans on water levels, so if you are interested in finding boating partners, call Rick Luck, Jerry Challman, or myself for more information.

Time for politics. We recently sent our President, Chris Clay, off to Alaska (it wasn't far enough north for him here) to pursue a new career opportunity. As can be seen from the picture of him at the top of this article, his shoes will be difficult to fill. We sent him off in style with a turkey feast at Rick Luck's house, the highlight being that Randy managed to get out the door without a pumpkin pie in his face.

To fill the void left by Chris, I have held an election including everyone in the room with me now (I like my privacy) and have voted Rick Luck to the post of president until we can get a meeting together and make it official. Congratulations, Rick. That's what you get for leaving town.

I hope to see a lot of you Twin Ports area canoers at the March 6 meeting. If you don't ski, plan to attend the potluck. We have a lot of flatwater cruises, whitewater trips, and flatwater races to plan as the season approaches.

DNR News



STATE WILDLIFE TO BENEFIT
FROM SALE OF NEW BOOK

Copies of a new book containing the writings of John B. Moyle, former natural resource scientist with the Department of Natural Resources, are now on sale with the proceeds going to the non-profit Minnesota Wildlife Heritage Foundation.

The Foundation uses its funds to purchase and protect key tracts of wildlife habitat until it can be acquired by the state.

In addition to his research achievements, Moyle, who died in 1977, was a prolific writer and is probably best known for his book "Northland Wildflowers: A Guide for the Minnesota Region."

This 236-page work, authored by Moyle, featured 308 color photos and descriptions of 300 plant species. It was first published in 1977 and went into its second printing in 1981.

The new book, called simply "The Writings of John B. Moyle," contains a selection of articles chosen from among 75 that were produced over a period of nearly 40 years for the Department's official magazine, "The Minnesota Volunteer."

Copies of the book can be obtained from the headquarters of the Minnesota Heritage Foundation, 1036 Cleveland Avenue South, St. Paul, MN. The price is $6.45 including postage.

DNR SNOWMOBILE AND SKI
TRAILS ARE READY FOR USE

The Department of Natural Resources has issued a list of snowmobile and ski trails that are rated in "good to excellent" condition as of January 6th.

Officials said that as snow continues to fall, additional trails will qualify for the rating during the coming days.

Maps for State Park and State Forest trails are available from the DNR Division of Parks and Recreation, Box 59, Centennial Building, St. Paul, MN (phone 612-296-4776). In addition, winter guides listing snowmobile and cross country ski areas throughout the state can be obtained from the DNR Trails and Waterways Unit, Box 52, Centennial Building (phone 612-296-6699).

Reports on snow conditions are available by calling the Trails and Waterways Unit at the above number. The report is updated every Wednesday, and can be obtained after 1 p.m.

Don Carlson, Director of the Trails and Waterways Unit, said the abundance of snow this winter probably means that the trails will receive intensive use this season, in contrast to the nearly snowless winter last year.

Builder's Corner

by Bob Brown

This month, before I start, I'd like to recommend some further reading.

One book that many people have been reading is "Woodstrippers Guide to Canoe Building" by David Hazen. This book is quite good, although his methods and mine differ somewhat. Hazen has included plans for some boats of his design. He has lots of good pictures and drawings. Many people have built canoes from his instructions only.

Another book that I've run across is Gil Gilpatrick's book "How to Build a Strip Canoe." Gilpatrick wrote his book, I believe, to be used as a high school text; it would do this well. His book is somewhat crude, but he has very good pictures to explain his procedures. Gilpatrick has also included plans with his book. They look like poor designs, hardly worth your time to build.

The best book available, of course, is the MCA Building Manual. If you haven't read it, you should. If you read it years ago, read it again. Each time I reread the MCA book, I find things that passed me by the first time. This manual is a simple book, but it is very complete.

* * *

I promised that we would start on stripping this month, so let's check over what we have done. Our forms should be set up and trued. All of the center lines should match up to the string. The rocker that the plans call for is in fact there and uniform.

Take a good long look and see if everything is ready. Did you tape your forms? I've forgotten this step more times than I'd like to admit.

If you want the hull to be removed from the forms when you're done, you'd better put a band of masking tape on the outer edges of each form. This tape helps prevent the strips from gluing themselves to the forms.

You must decide at this time which method of stripping you plan to use.

The most common method is to start by fastening your first strip to the forms at the gunnel, bending it to match the curve of the sheer (see Figure 1). This method works well on the Guide model, the MCA 14, and on most boats with some rocker.

On the Explorer and many straight-keeled boats, I like to install my first strip horizontally starting at the gunnel height in the center of the boat (see Figure 2). All of the stripping is kept horizontal. The curve of the sheer is added onto the bottom after you are part way up the side.

Once the first strip is in place on both sides (with either method), the operation becomes repetitious. You run a bead of glue on the previous strip, add a strip and staple the two strips together. I like to alternate from side to side.

I use two staplers (both Arrows), one with 9/16" staples to hold the strips to the form, and a smaller gun with 1/4" staples to fasten the strips to each other.

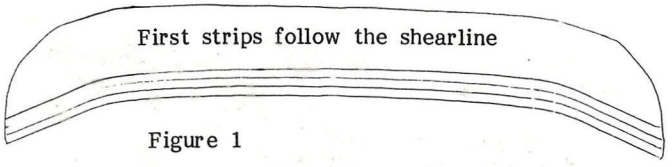


Figure 1

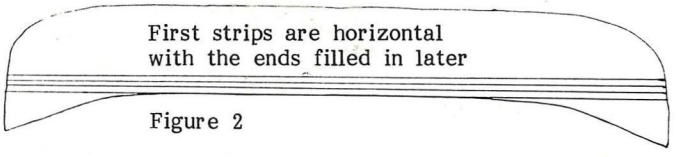


Figure 2

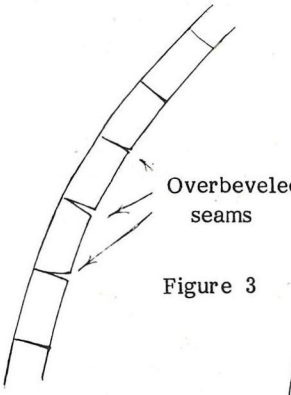


Figure 3

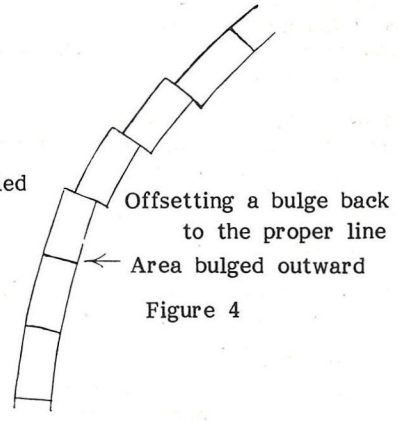
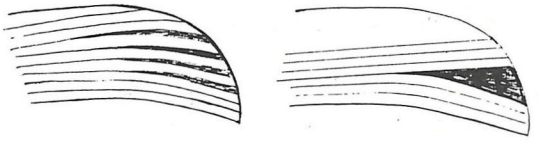


Figure 4



Wedges added in to reduce hooked ends

Figure 5

Applying an even bead of glue from a squeeze bottle comes with practice as will giving the slight compression on each joint as you staple the strip.

I staple the strip to each form first starting from the center. Next I go back with my small gun and staple two or three places between forms, being careful to press the strips together as I staple.

I like to wash off any excess glue right away before I start the next strip. I keep a bucket of water handy and use a rough fabric like terry cloth. Any glue remaining when you glass the hull will show up as a light colored blotch on the finished hull. Wipe up your work good and change water often.

So far, I've said nothing about beveling strips. You may need to bevel some as you get into the tight curves, but try to keep it to a minimum. Most beginners over-bevel (see Figure 3) and don't realize they're doing it until they pull the hull off the form.

I generally try to keep the inside of the strips flush. It's much easier to smooth up the outside with your sanding. One exception to this is where I'm trying to remove bulges. Bulges may occur as you are stripping, and this is a good reason to stand back and look over your work from a distance. Do this quite often, as the sooner you notice a bulge, the easier it will be to remove.

When I'm removing a bulge, I try to make a strip return to its proper place by offsetting the strip

Cont. on Pg. 15

CLIFF'S CORNER



by Cliff Jacobson

Lots of excitement here. The new canoes arrived! So I thought I'd break from my usual format and tell you about them--how they came to be, what they'll do, and why we're so enthusiastic.

It began in 1975 when Bob Brown, Darrell Foss, and I agreed to build solo canoes. Darrell responded with a strip version of an old British touring kayak; Bob built "Itty Bitty," a 13 footer of his own design; and I tried the only solo canoe for which there were plans—the MCA 14 footer.

A single trip in the BWCA in the dead of autumn convinced us we "missed the boat" on all counts. The kayak was fast, but intolerable to load and portage. Itty Bitty was just too tippy (even Bob never really got used to the boat), and it and my 14-footer were too slow for efficient touring.

So back to the drawing board we went. The idea? To design the perfect one-person wilderness solo cruiser. It should have good speed, turn reasonably well in rapids, have plenty of flare to turn aside the biggest waves, a minimum of tumblehome for seaworthiness, and be shallow enough so it wouldn't catch the wind.

The result was "Mantoy"—a 15½ ,footer which seemed to do about everything well. Mantoy measured 15½ feet nose-to-nose, was 11 inches deep, 30 inches at the rails, and had 15½ inch high ends. There's a scant one-half inch of tumblehome—the rest of the boat flares uniformly.

Darrell came over while I was stripping her up. "Too big," he said. "Yeah, well maybe," I answered. "Let's see how she paddles." But Darrell couldn't wait, so he constructed his own version of the "perfect traveling canoe"—a sweet 14½ footer which was basically a scaled-down version of my boat.

Finally, the two boats were ready. "Like a yellow leaf in autumn, they rode the waves—light and sweet. We were hooked! Darrell's was a bit quicker on the flats than mine and had a smaller, more personal feel. But mine was a better load carrier, better in whitewater, and had a lovely, predictable rolling feel that was absent in the smaller boat. Luckily, we'd hit it right on both counts: of the six solo boats we'd built, these were far and away the best.

A day of playing around in the dalles at Taylor Falls with Mantoy suggested it was an outstanding whitewater performer. I could eddy in and out of the big rock with ease, run the biggest waves in the set; ferry cross currents, spin in mid-stream. The boat was completely predictable. It had no bad habits. I loved it! A slalom C-1 paddler came over to take a look. He was impressed!

Several wilderness trips, including a "Canoe Magazine" sponsored trip on Ontario's Steel River, convinced us that this was a near perfect solo craft for the serious wilderness paddler. Certainly the Kruger Loon* was faster and more suitable to the long trip. But Mantoy was more fun to paddle; more versatile; it made a great child's boat; two adults could paddle it in an emergency on calm water...and it was a gas in whitewater slalom. In short, it was a conventionally styled, pure solo canoe which did about everything well. And it was pretty to boot.

We thought it was too good to keep secret, so we approached the Old Town Canoe Company—which you all know does not leap head over heals after every new passing design. But Old Town built a strip prototype according to the plans Bob drew up. We added an improvement—square off the stems slightly, make the boat look more like a "Canadien," for better tracking, more waterline length. And hold the half-inch of rocker suggested in the plans (my stripper had a full inch, but then I never was much good at following directions).

A year passed. We waited. Waited some more. Then the decision came quickly. "A great canoe...we'll build it! And you guys can have the first three boats off the mold!"

They arrived last week—the "CJ Solo Specials" as they're called. A red one for Darrell, white for Bob, and sunshine yellow for yours truly.

Workmanship is about what you'd expect from "The Old Masters"--first rate. Old Town has even thoughtfully reinforced the football area of the bottom with a couple or so layers of extra glas cloth. The result is a very rigid layup—the boat won't oilcan. The hull itself is of all cloth construction. We could see no evidence of matt, roving, or other second-rate materials. And the gel-coat finish is perfect; there are no ripples so common to some of the best canoes.

Old Town trims the boat in ash and mahogany or plastic and ash. The former is very beautiful and also quite expensive—$1,035. The latter is also surprisingly pretty (they've got a new plastic gunnel that has only about a quarter inch wide outwale—actually less than the wood). Seat and thwarts in the plastic trimmed boat are Old Town ash. Cost—$705. If we were buying one, that's what we'd get. It looks about as nice as the all-wood trim, but it's much less expensive. Besides, it's an easy matter to pull off the gunnels and decks and add your own wood ones later.

Weight? Old Town is impeccably honest about reporting canoe weights. Wish other canoe makers were. They advertise 50 lbs. We suspect the wood trimmed model will go slightly less. Near as we can figure on our bathroom scale, ours go 46, which is quite satisfactory for a very strong, all-glass hull. Kevlar? Frankly, we think you're wasting your money here. The cost-to-weight-to-strength ratio just isn't there. Unless you're a determined boulder basher, I doubt you'll ever recover your investment. An all-glass boat may actually be more durable over the long run than an all-Kevlar one. Now if they'd just cover that Kevlar with a layer of S-glass for abrasion...

We haven't paddled the Old Town versions of Mantoy yet, but we will as soon as there's open water. Then I'll tell you more. We expect the "CJ" to be somewhat faster on the flats than the Mantoy version some of you paddled at the Paddlers Rendezvous last year. Unfortunately, we can't sell you plans for this boat anymore, but Old Town will sell you the finished product. We do have some plans available for Darrell's shorter 14½ footer at $15 a set for those who are interested. That, too, is a very good boat.

REI and EMS Lob Pine have told us they're each stocking one of the new CJ's this spring. Bob, Darrell, and I will be up to give some solo clinics when they arrive. In the meantime, if you want to see or paddle one of these boats, give any one of us a call. We'll be happy to give you the cook's tour.

And not to be overlooked: Though you'll find my initials attached to the boat (CJ), it should be made perfectly clear that friends Bob and Darrell had an equal hand in the design. Were it not for Bob's steady hand, the plans would never have been drawn or the canoe built. And were it not for Darrell's "steadying influence" on some of Bob's more "radical" ideas, the smooth, forgiving character of the canoe would never have emerged. And, of course, there's my stubbornness—I knew what I wanted in a wilderness canoe and, drat, I fought for it! In short, this boat, and any others we develop, are and will be a joint venture among friends who are much more interested in the joy of paddling a "correct" canoe than making money on a horror! 'Nuff said.

Finally, let me turn you on to a new emerging paddle company. Clint Waddell is now making the finest straight and bent shaft paddles you'll find. He's even laminating up a special long, narrow solo slalom paddle for those who are into the sport. He'll make paddles of any length, width, etc. He does it with skill, loving care, know-how, and at a better price than the top commercial stuff you'll find. Get on the bandwagon now if you need a new paddle. I'll bet Clint's prices will skyrocket before too long.

Clint's address is 8015 Sunkist Boulevard, Minneapolis, Minnesota 55444, or phone 561-5769.

Enjoy!

*Verlen recently redesigned the boat. It's now called the "Monark" and is made to Verlen's exacting specs by Mad River Canoe Co.

Are you MOVING?

MOVING? Let us know when you move to make sure that you continue receiving HUT!. Bulk rate mail is not automatically forwarded like most of your mail.

* * *

JANUARY BOARD OF DIRECTORS MEETING

by Walt Jones, Director

Directors are still in need of a secretary.

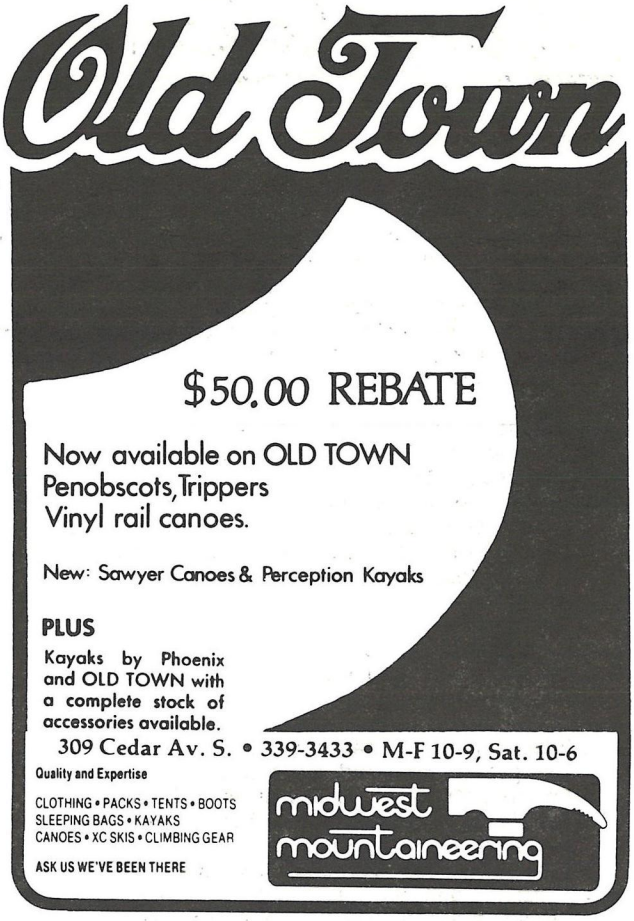
Fifteen members present. Monthly programs for July through December need program chairmen. Lonnie Helgeson, Program and News Director, will try to find chairmen for these programs, and in some cases, subjects for programs.

Motion passed to purchase low-cost, 2-drawer file cabinet.

Mike Vande Vyver to chair committee for Sports Show display and booth.

Discussion of Annual Banquet being held in afternoon to allow more travel time for out-of-town members to make the trip, perhaps at 4:00 p.m. on a Saturday. Sharon Gilman to look into prices and locations.

Motion passed on 3-year dues rate.



DUES INCREASE ON THE WAY

As reported in last month's HUT, the Board of Directors voted at the November meeting to authorize a dues increase to $10 per year for a Regular Membership. This increase will go into effect in April.

The current Regular Membership dues have been in effect since 1978, and an increase is now necessary to counter the rising cost of nearly everything we do, from renting space for our monthly programs to postage. By far our largest expense is what you're reading right now. I'm sure you've all noticed a striking improvement in HUT! over the last year--in appearance, size, and content. All this costs money, lots of it. And with the increased mailing rates, our publishing costs have doubled in the last year. If you don't believe me, take a look at the 1980-81 Treasurer's Report included in this issue.

The Board is also looking at other ways to increase income to keep the dues increase to a minimum, such as seeking more ads for HUT! and trying to increase our membership. You can help the Board (and yourself) by talking about your Association to your canoeing friends. Tell them why you're a member and encourage them to join.

PLEASE NOTE: The Board also voted to allow members to renew for up to three years at the current low $8 per year rate until April. So in order to ensure that you continue to read with amazement the latest escapades of Good Ol' Nels, renew now--and save.

Camp Cookery

by Mike Gilman

In the previous Camp Cookery columns, I have discussed planning menus that would be nutritional and meet the three basic requirements. I'd like to add a fourth requirement: INEXPENSIVE.

Some food are expensive, especially the freeze-dried variety. Listed below are some trail foods that are standard supermarket items which could help cut the cost of freeze-dried foods.

- Instant or freeze-dried coffee
- Tea bags or instant tea with lemon and sweetener already added
- Bouillon—cubes or powders
- Instant cup-a-soup
- Cocoa (using powdered milk, cream, sugar)
- Gelatin desserts (good hot as well as cold)

- Instant breakfast drinks like Tang
- Concentrated drink mixes
- Instant powdered milk
- Instant non-dairy creamer

- Instant pudding (shaker type)
- Dry gravy mixes and sauce mixes
- Instant potatoes: mashed or in bud form and in mixes (scalloped, hashed browns, creamed, or shoestring)
- Instant rice and seasoned rice mixes
- Complete pancake mixes (just add water)
- Biscuit and muffin mixes (just add water)
- Instant hot cereals: many come with fruit or sugar and cinnamon
- Sandwich spreads: deli spread need no refrigeration

- Dried fruits: prunes, raisins, apricots, peaches, pears, dates, mincemeat (a good, raw concentrated food)
- Canned bacon, bacon bars, beef bars, bacon bits, beef jerky
- Dry roasted nuts
- Candy: hard fruit drops, M&Ms
- Cheeses: natural ones (cheddar, Swiss, provolone, Monterey Jack, gouda, grated parmesan and romano, edam, caciocavallo, gjetost). Best ones are hard or with skin.
- Dehydrated vegetable flakes: mixed and in single varieties, including parsley, onion, celery, green peppers
- Wheat germ (add to hamburgers, meat loaf, scrambled eggs, one-pot meals, fruits; eat as a cereal)
- Spices and seasonings: powdered mustard, horseradish, chili powder, dried mint leaves (add to tea), salt, pepper, garlic powder, dried mushrooms, cinnamon, a whole nutmeg, a couple of vanilla beans
- Crackers, toast: melba type, unleavened bread

- Fresh oranges (they quench thirst and have high energy content)

After reading through the list, a menu could be planned using some of these items along with a variety of freeze-dried products, or as complete meals by themselves. As was stated earlier, it all depends on your fourth requirement.

Cowan Canoes

Ted Cowan RR#5 Brussels, Ont., N0G 1G0 519-887-6116



A thrilling new experience in high Adventure

Come with us over the threshold of time..... back to the panoramic beauty of our true Canadian North. As a Voyageur, you will be proud to paddle, portage, sing and celebrate with us along the famous fur Trade Routes of North America. We have the 26' North Canoes, paddles, packs, food and experience to guarantee your success. Apply as a group or individually, register early for any or all of our journeys into the past.....!

Agenda for 1982

June 2,3,4 French River - challenge the beautiful "Blue Chute"

June 29,30 Pembroke to Ottawa for July 1st "Canada Day Pageant."

August 10,11,12,13 Rideau Canal to Seely Bay "150th Birthday Celebration"

September 2,3,4,5 Lake Superior to Thunder Bay Labour Day festivities at old Fort William

October 1,2,3,4 Lake Temagami above North Bay. Thanksgiving wind-up celebrations

WORMS

by Venice Barsness

If you made it to the Carpenter St. Croix Valley Nature Center for the MCA monthly program, you were rewarded with a very fine program by Dave Middlecamp. The weather was not nice, and the sign at the gate said Carpenter Nursery, and I am sure many went right by.

Dave was there with his solo canoe designed by Bob Brown, Cliff Jacobson, and Darrell Foss (a design soon to be offered by Old Town Canoe in fiberglass) and his camping equipment. Dave's slides of the BWCAW were excellent, and everyone enjoyed looking at his equipment and talking about camp foods.

Our host, Jim Fitzpatrick, supplied coffee and apple cider. The Nature Center is open by appointment to groups who would like to ski the area, and will be open this summer to groups for tours. Summer groups will get free apple cider. Call Jim at 437-4359 for details. Mike Vande Vyver is going to organize a ski trip to Carpenter this winter. If you get to Carpenter, ask Jim Fitzpatrick to show you his apple worm.

MCA Canoe Building Supplies

For Sale: MCA resin and fiberglass cloth. Polyester resin with catalyst is $11 per gallon. Four ounce cloth, 50 inches wide, is $2.30 per yard; 7-1/2 ounce cheesecloth, 60 inches wide, is $3.25 per yard. Rules for purchase: Call ahead and schedule pickup time. Payment by check or money order to Minnesota Canoe Association. No cash. Bring a valid membership card.

Depots:

Betty Ketter	561-2208	No. Minneapolis
Chris Berne	929-5714	So. Minneapolis
Berne Scale Co.	544-2422	West Suburbs

SPONSOR LISTINGS

Business owners, people in professional practices, and individuals listed in this section are lending support to the MCA and making their products and services known to the club members by using these Sponsor Listings. Contact Helen Olson, 447-4904, if you would like to be listed.

Members are encouraged to patronize these sponsors.

.....

Strip Canoe Supplies
Bill Knudsen & Associates
488-1932

Complete wood pre-cut for a strip canoe, gunwales, thwarts, seats, etc. About $80-$100 for sitka spruce or redwood.

1982 MCA DIRECTORS



Roy Johnston, Membership. Several years ago, Roy began showing up at Board meetings and functioning as assistant Cruising Director. He got tired of attending meetings and having no "official" vote on matters before the Board, so last year he volunteered to become a full-fledged Director in charge of Programs and News. He did a fantastic job promoting and organizing the MCA's Canoe Rendezvous, among other things. This year he took on the demanding job of Membership Director. Employed at Honeywell, Roy was a member of the South American Amazon Expedition last August, and in earlier days paddled to Hudson's Bay.

TRADING POST

Free personal ads to MCA members

For Sale: Two Sawyer tractor pivot seats with rails, $15 each. Padded yoke for either Sawyer or We-No-Nah canoe, $10. Contact Cliff Jacobson at 437-7497.

For Sale: 17' old wooden canoe; potential-restored classic condition. Fiberglassed, part stripped, was canvased. Contact Steve Pestorious, 3516 - 21 Avenue NW, Rochester, MN 55901, 507-282-0674.

For Sale: Used 2-man Aerius Klepper. Includes bags, paddles, and a complete sailing kit. Asking $995. Call Ken Boettcher at 426-0059 after 6 p.m.

For Sale: We-No-Nah Jensen Standard, 65 lbs., 1 year old. Asking $425. Call Todd Johnson at 522-8717.

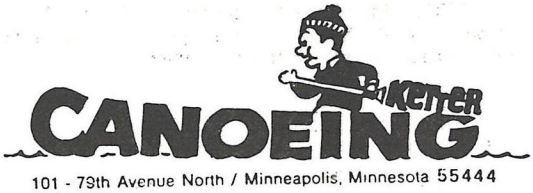
For Sale: New MKIV type kayak. Epoxy-kevlar-S Glass-Nylon Construction. Sturdy, well-built, light-weight. $450 includes ILLIAD paddle and spray skirt. Call Larry Johns 612-633-0461.

For Sale: 15½ ft. solo canoe. Redwood strip with mahogany trim. $400 firm. Call Bob Brown at 432-7557.

For Sale: 17' wood and canvas canoe in need of restoration. Make unknown, circa 1920. Canoe needs gunwale work, some planking repair, and few ribs, etc. $75. Call Bob, 474-9588.

MCA Patches For Sale

$2 each, unlimited supply. Orders may be sent to Venice Barsness, MCA President, 500 East 15th Street, Minneapolis, MN 55404. Please enclose a check or money order made out to the Minnesota Canoe Association. Please do not send cash.



Cont. from Pg. 11

inward and stapling them half offset (see Figure 4). This offset will cause a thin spot on the hull and create extra work sanding it out, but it's more desirable than a bad bulge.

As you near the keel end of your end pieces, some boats develop a bad hook in the strips. If this happens to you, you have a problem. Some boats are more prone to this problem than others. Any canoe with a lot of curve on the sheer is a likely candidate.

There are a couple solutions. Primarily by adding wedges (see Figure 5), you can eliminate this problem.

Now you should have your hull stripped to the edge of the "football." Next month, we will complete the stripping.

MINNESOTA CANOE ASSOCIATION INC.
P.O. Box 14207, University Station, Mpls., Mn. 55414

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To Preserve Wilderness Canoe Waterways,
To Promote a Wholesome Family Recreational Activity,
Join the Minnesota Canoe Association Today!

HUT is the signal on which paddlers change sides. It was first used by Tom Estes and Eugene Jensen in the 1940s as they won four Aquatennial canoe races. It was adopted as the title of the MCA magazine because it symbolizes the teamwork and coordination necessary for effective canoeing.

MINNESOTA CANOE ASSOCIATION
MEMBERSHIP FORM

Name _____
(Last name first)

Address _____

City _____ State _____

Zip _____ Telephone _____

I would like to join the Minnesota Canoe Association as a (check one):

____ Regular Member $ 8.00

____ Supportive Member $ 25.00

____ Life Member $100.00

In addition to joining the Minnesota Canoe Association, I would like ( ) to join; ( ) more information on the following clubs:

( ) 3M
( ) Desert (Austin)
( ) Twin Ports
( ) St. Cloud
( ) Southern Minnesota Canoe Association (Owatonna/Faribault)
( ) Long Distance Racers
( ) Canoe Brigade du Nord (Voyageurs)
( ) Rapid Riders (Whitewater)

Please send me a Woodstrip Canoe Building Manual and the following Woodstrip canoe plans at $5 each.

( ) Explorer and Guide plans
( ) BWCA Cruiser
( ) MCA 14' Solo
( ) Griffen II, kayak (Brown)
( ) Itty Bitty (Brown)
( ) 15'6" solo canoe (Brown)
( ) 18'6" 4 & 32 USCA racer (Burley)
( ) 18'6" 3 & 27 racer (Ketter)
( ) 15' solo (Ketter)

Send checks made payable to the

Minnesota Canoe Association
P.O. Box 14207, University Station
Minneapolis, MN 55414

1981-82 BOARD OF DIRECTORS

MINNESOTA CANOE ASSOCIATION, INC.

Executive Committee

President	Venice Barsness 332-3549	500 East 15th Street Minneapolis 55404
Vice President	Mike Vande Vyver 922-7633	2608 West 60th Street Minneapolis 55410
Secretary	Position Open	
Treasurer	Jim Seward 377-0551	4437 Cedar Lake Road St. Louis Park 55416
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Publications	Chris Berne 929-5714	5057 Ewing Avenue S. Minneapolis 55410

Activities Committee

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Conservation	Dave Logeais 825-4040	316 W. Diamond Lake Rd. Minneapolis 55419
Education & Safety	Karl Ketter 636-8116	1957 Lake Roseville 55113
Program & News	Lonnie Helgeson 920-0494	4504 Gilford Drive Edina 53435
Volunteers (1 Year)	Mike Gilman 935-5799	810 S. Sixth St., #1 Hopkins 55343
(3 Year)	Penny Mielke 776-1935	1880 East Shore Drive St. Paul 55109

CHAPTER COMMITTEE

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Long Distance Racers	Warren Thunstrom 780-2866	9401 Flintwood Minneapolis 55433
Voyageurs	John Wheeler 633-6500	2690 Huron Street Roseville 55113
Desert (Austin)	Ardell Gorman (507) 433-7465	810 Tenth Avenue SW Austin 55912
3M	Paul Davies 735-6618	165 McKnight Road, #319 St. Paul 55119
Twin Ports	Chris Clay (218) 728-3416	120 Greenwood Lane Duluth 55803
St. Cloud	Mike Zapf 251-5807	1714 Woodland St. Cloud 56301
Southern MN Canoe Assoc.	Larry Kriesel (507) 451-0325	P.O. Box 629 Owatonna 55060
Rapid Riders (Whitewater)	Terry Lemke 331-2798	5 Barton Avenue SE Minneapolis 55414

Vacancies are filled by vote of the Board of Directors. If interested, call Venice Barsness, 332-3549. Except where noted, all area codes are 612.