MINNESOTA CANOE ASSOCIATION

HUT!

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March 1985/Volume 21, Number 3



Full gear including rain gear in BWCA. (Photo courtesy of Wayne Martin.)

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FROM THE BOW

March is the month when the promise of spring almost seems like it could become a reality. This month's BWCA Wilderness program March 9th at the Brooklyn Park Community Center will focus on another reality: the damage that uninformed people inflict on our wilderness areas and what we can do about it. Elsewhere in this issue you will find an article about this pressing problem by John Nosek, MCA Conservation Director.

For the third year we are publishing our rivers inventory reporting form. Last year we received over 250 responses from canoeists around the state. This year we've changed the format a little to facilitate reporting trips longer than one day. As before, we will be offering a bound and laminated set of Minnesota's nineteen canoe routes as a reward to anyone who completes five or more forms in one year.

With the return of open water comes the responsibility of ensuring safety on the water. Last year twenty-four people died in accidents on Minnesota's lakes and rivers. Of those twenty-four, eleven were canoeists. In twelve cases PFDs were available but not used. In thirteen cases the craft capsized. In eight cases, the victims had been drinking. Four of the fatalities happened at lowhead dams. We all know why these fatalities happen: not paying attention to your location . . . horseplay . . . trying to macho it out across that last big lake before the wind really gets bad . . . not wearing PFDs. If you have any doubt about your ability in a canoe, remember that the MCA is offering more safety courses this year than ever before—take one. When we say "come paddle with us," we'd like to ensure you're still around! — **Al Gustaveson, President**

ABOUT THE BOW

"From the Bow" is the column first started by Karl N. Ketter in the early '70s and later continued by other MCA presidents, including our current president, Al Gustaveson. Canoe Magazine obviously is following the leaders, since they have their publisher's notes "From the Bow".



ADVENTURE TRAVEL FOR WOMEN OF ALL AGES

WHITEWATER CANOEING MISSINAIBI RIVER, ONTARIO

RAFTING THE RIO GRANDE AND RIO DOLORES

TRIPS FOR WOMEN OVER FORTY

2550 Pillsbury Avenue South, Minneapolis, Minnesota 55404
(612) 870-8291

PUBLISHER'S CANOE SENSE

In this issue conservation director John Nosek gives us more information on the new proposed Boundary Waters Canoe Area Wilderness (BWCAW) canoeing education program. We would like to hear your opinion on this issue of education before going into the BWCAW. I think that there are good arguments both ways for having or not having these regulations. Let's hear these views in upcoming issues of HUT! (That means send them in.) This is one of the most significant and important issues regarding the BWCAW since the use debates of the early '70s.

Once again, I plead for people to help out with advertising, HUT! bookkeeping, HUT! distribution, and the many other tasks that need doing to publish this news magazine. Cartoons are needed; we even have the ideas for them.

We are especially interested in club activities, so club members please see that we get your club news.

Dale Schleppenbach, new president of the St. Cloud Canoe Club, says that he really likes the new size and layout of HUT! He said, "It makes it interesting." Many thanks to Randy Manlek, who helped with the first HUT! He recently moved to Little Falls.

HUT! is a newsletter of canoeist, by canoeist, for canoeist. If you're a canoer, we want to hear from you. Either send in your article or attend HUT! writing meetings on March 5, March 26, or April 30 at 5341 Harriet. — **John Wexler, Publisher**

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JANUARY BOARD MINUTES

The meeting was called to order at 7:30 p.m. on January 2nd by Al Gustaveson, President. The minutes were approved as read.

Al Gustaveson, President: Al reported that the Governor's Family Canoe Day is tentatively set for Saturday, June 1st. The trip will be on the St. Croix from Sunrise River State Park to Wild River State Park. A paddle night on June 26th at Lake Nokomis was arranged for Wilderness Inquiry, a group that takes handicapped people on canoe trips. The January program was held at the Brooklyn Center Civic Center on January 19th. Films on canoeing and canoe safety, such as "Song of the Paddle" and "Path of the Paddle" were shown, as well as a movie about the danger of low-head dams.

John Kopp, Treasurer: The following chapter rebates were approved: $250 to the Racing Chapter; $200 to the Duluth Chapter; $250 to the Rapid Riders Chapter; $75 to the Austin Chapter; and $75 to the St. Cloud Chapter. The checks have been sent.

Other Business: Bob Brown requested and received $300 for materials from West Systems, since the MCA has already agreed to be a depot for this company. The DNR is asking for some information from MCA members regarding various rivers. They want to update their brochures and maps and would appreciate the assistance of MCA members.

There was no further business, and the meeting was adjourned at 9:40 p.m. — **Verna Robinson, Secretary**

MISSISSIPPI ENDURANCE REJECTED BY MCA

The Mississippi endurance canoe challenge originally proposed by Karl N. Ketter two years ago has been rejected by the MCA. It is expected that Ketter Canoeing will probably add this event to their excellent series of racing events. This, incidentally, is not a racing event, but a challenge to see how far and long a person can paddle in one day.

CANOE EXPO TREATS HUNGRY PADDLERS

Over the course of seven hours, 500 people made their way out to the Edgewood Community Center, an old elementary school in Moundsview, to take in the Rapid Riders Whitewater Canoe & Kayak Expo. Clusters of people meandered through the building greeting old friends and then dispersing to attend the events scheduled every hour from 10:00 to 4:00. It was a great opportunity to attach a face to many of the names that often appear in HUT! It was also a perfect time to start planning for the upcoming season. There was something for everyone, even the janitor who spied an open-weave nylon stuff sack he felt sure would be perfect for storing and carrying duck decoys. The films and pool mini-sessions were the highlight for many, especially those people who remembered to bring their swimsuits and had the nerve to take a lesson in front of an attentive audience, watching their struggles to get their knees in the kayaks and their spray skirts snug.

Dale Hedtke of St. Paul won the door prize, a $25 gift certificate generously donated by Eddie Bauer Store of Ridgedale.

Thanks to all those who donated their time and knowledge; the Expo was a wonderful February treat for whitewater-hungry paddlers. — **Mary Wenzel, HUT! Reporter**

CANOE EVENT SET FOR APRIL

Hourly slide show presentations by Verlen Kruger on his 28,000 mile "ultimate canoe challenge" will highlight the program at The Great Minnesota Canoe Event April 20 and 21 in the Home Improvement Building at the Minnesota State Fairgrounds.

The event, sponsored by Midwest Mountaineering, will also feature hourly clinics, seminars and slide shows on such things as Racing, River Safety, Basic and Advanced Kayak Paddling, Paddling With Small Children, Choosing a Paddle, and Planning a Trip to the BWCA.

The MCA will be among the more than two dozen organizations, outfitters and manufacturers who will staff information booths at the show. The MCA is currently planning its participation, and more complete information on MCA's involvement in this show will be published in the April HUT!

HOIGAARD'S CITIZEN SERIES ANNOUNCED

Hoigaard's has decided to continue the citizen races for the third year. They have added new aluminum and rookie racer classes in addition to their other classes. Call Jim Lind at 929-1351 if you want more information.

KETTER ANNOUNCES CANOE EVENTS

Betty Ketter, race coordinator, promoter and #1 canoer, says that although the rivers are frozen over, plans are being made for seven big events for this year. The Jensen Handicap leads the list for the 24th year; it will be held in May. In June and July the following events will take place: the Citizen's Race, guaranteed to be an event to remember, the Boys & Girls Junior Classic (in July) first held last year, and the Midnight Cruise (July 6th). The Women's Classic and Men's Classic will be held in early September on a Saturday and Sunday, and the 12-Hour Endurance Challenge from St. Cloud to Minneapolis (75 miles) will be in late September.

MCA CANOE BUILDING IN ST. PAUL

A very exciting and successful program through the St. Paul Public Adult Education Program is being taught at Benjamin Mays School (near Hamline University—Snelling Midway area). This class is taught by Karl Ketter, who wrote the original MCA Canoe Building Manual. Students build a complete canoe in less than 10 days. This course is offered three times a year. The next class begins in April. Call Tom Olson at 645-3948 for more information.

BROWN TO BEGIN BOOK

Bob Brown, MCA Building Director, is working on a new woodstrip canoe building manual. Everyone is looking forward to the new manual. Give Bob a call if you have some ideas or want to help.

HOIGAARD'S THIRD ANNUAL CANOE DERBY

Plans are in progress for this year's fun race series on the Minneapolis Lakes. We encourage a low pressure atmosphere for those who want to try racing for the first time, and we have classes for the experienced paddlers and the pros. Due to popular demand, we are expanding the series to eight races, running through June and July on Thursday evenings. We are considering adding two new classes this year: a pro/rookie team class, and an aluminum class.

We encourage comments and suggestions on the series from all of our old paddlers and anyone new who's interested. Contact Jim Lind at Hoigaard's, 612/929-1351. — **Jim Lind**

MIDNIGHT CRUISE SET

Ketter Canoeing has announced that they will hold their annual midnight cruise Saturday evening, July 6. Get ready for some fun!

MUCK ARISES FROM THE MIGHTY MUDDY

From the shores of the southernmost point of the Minnesota River a canoe club of 35 people has grown. The growth of this club has been due largely to the efforts of Lee Potzler, President of MUCK, whom I met last year at the Canoe & Kayak Expo and again this year. In attendance with Lee were Terri Stoneburner and several other club members. According to Lee the goal of their club is to paddle canoes and kayaks all over. — **John Wexler**

MUCK POOL SLALOM

The Mankato Union of Canoers & Kayakers held their first ever pool slalom on February 24, 1985. Approximately 25 people participated in the event.

The goals of this event were to give area paddlers the opportunity to participate in a kayak and decked canoe pool slalom and to give Mankato State University and the local community a chance to observe paddlers of varying abilities. Classes for the race were K-1 men, K-1 women, C-2 men, C-2 women, and C-2 mixed.

Canoe Building Supplies

For Sale: MCA resin and fiberglass cloth. Polyester resin with catalyst and wax (if required) is $13.00 per gallon. Four ounce cloth, 50 inches wide, is $2.90 per yard; 7½ ounce cheesecloth, 60 inches wide, is $4.10 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.**

Betty Ketter	561-2208	North Minneapolis
Bruce Kunz	454-7207	Eagan



NEWSLETTER OF THE LONG DISTANCE CANOE RACERS

Newsletter of Minnesota's Long Distance Canoe Racers
President: Karl Ketter, (612) 636-8116
Race Calendar: Warren Thunstrom, (612) 780-3284/522-3395
Coordinator: Betty Ketter, (612) 561-2208

MCA RACERS

Race Calendar: Warren Thunstrom, 780-3284 or 522-3375
Rookies/Long Slow Days: Karl Ketter, 636-8116
Treasurer: Bonnie Peterson, 753-2921

Jensen Handicap

The Jensen Handicap will be held Sunday, May 19, 12:00, at Mississippi River Park—85th Avenue North, off West River Road (Highway 252).

Rookies

Rookie racing sessions will be held every Monday beginning April 1, 6:00 p.m. at the University of Minnesota Showboat Landing off East River Road. Get a taste of canoe racing from Minnesota's canoeing gourmets. Bring a life jacket and enthusiasm—you'll never paddle the same again.

News

In January, Jenny Graham, one of the country's top women racers, married Al Rudquist, her canoe training partner. They are living and paddling in Marinette, Wisconson, where Al works for Scott Paper and Jenny builds Kevlar canoes for Everett Crozier.

The Peterson Boys are turning out a few, precious, perfect paddles again. The last paddles were made several years ago. They are treasured by canoe fanatics across North America. Betty has a limited supply on hand now—561-2208.

Clint Waddell and his wife, Bev, will be guiding canoe trips this summer in Alaska! Nice work if you can get it.

Walt Hershey owns an ultralight aircraft. He hopes to cut down on the commuting time to get to the paddling sessions.

The three top pro canoes (3&27) this season are the Hassel #5, Jensen 007, and the Straight Corbin.

LONG SLOW DAYS—1985 SPRING TRAINING

Each spring the canoe racers attack winter on February 28 for the first canoe wetting of the season. After that Minnesota racers begin the endurance portion of their training. Long Slow Days are just that. Groups of two to six canoes cruise the swollen rivers of Minnesota for hour after hour. These weekend sessions begin in March and end with the racing season in early June.

These workouts are not for everyone. You will die a painful death if you are not a canoer or athlete already. If you are as qualified as an enthusiastic second year rookie or a fallen away retired racer, this is your chance to be a fit and ferocious racer.

This year we will be doing six to ten hour days on the Mississippi, Minnesota, Cannon, Straight, Eau Claire, Zumbro, Crow and Rum Rivers. We are now signing up paddlers, taking requests for favorite rivers and varnishing gunwales. We use a full time driver to keep car shuttle time down. We are looking for additional drivers and vans. Paddlers pay the travel expenses including meals for the driver if they make it to the bridges on time.

Actual course, times and places depend upon water conditions. You will need two sets of wool clothes (one in a waterproof bag), rubber boots, a big lunch box and some ability to paddle. If you think you might like to try this, call Karl at 636-8116 or 561-2208.





Newsletter of the Whitewater Canoe and Kayak Chapter
President: John Wexler, (612) 722-7069
Cruising: Mike Vande Vyver, (612) 926-7633
Membership: Paul Rem, (612) 645-3538

ELECTIONS AND SCHOLARSHIPS AT MARCH MEETING

Rapid Riders will be electing new officers at the March meeting to be held at Pearl Park at 54th (Diamond Lake Road) and Portland in Minneapolis on Tuesday, March 19, 7 p.m. Offices to be voted on will be President, Vice President, Treasurer and Membership. Rumors again abound that interest is being shown by Barb Peterson, Paul Rem, Greg Pothoff and Burt Levy to run club activities.

Rapid Riders will make a final determination of scholarships at this meeting also. At least $500 will be awarded to club activists for the purpose of instructorships in whitewater canoeing. The Safety & Education officer will make final determinations.

Our monthly program will be on how to equip yourself inexpensively. Our famous artist of low buck but efficient paddling equipment will be giving the presentation.

We have been asked to participate in the Aquatic conference being conducted by the St. Paul Chapter of the American Red Cross on April 25 and 26. We are looking for volunteers to participate in this conference.

One week earlier Midwest Mountaineering asked us to participate in the Great Canoe Event to be held at the State Fairgrounds. Please call Greg Pothoff at 894-4480 if you would like to help.

We would like to thank the MCA Directors for the $250 rebate check we recently received from them. This will probably go for some safety equipment we badly need. It is support like this that really makes us feel a part of the Association!

Many thanks to Dave Nelson and crew for the adequate Whitewater Expo.

As President, I enjoyed leading the club. I hope the new administration will keep a healthy balance between education, safety, and actual river running itself. It is my hope also that this club will encompass the old aluminum as well as the newer ABS hulls. To those of you who have assisted me and the club in past years—Thank You! — **John Wexler**

BOAT DONATIONS

Donations of beat-up aluminum or plastic canoes or kayaks to the Education Safety Committee of the Rapid Riders Canoe Club are needed for this year's River Rescue Clinic. Call Bek at 929-9454. — **Bek Kragh**

WHY THE RAPID RIDERS ARE ALWAYS SMILING

There's a little something special in the air around falling water. It's called a negative ion. Scientifically, it's just a molecule that's adopted an extra electron. But for 30 percent of the population who are ion sensitive, it's nature's little upper. According to laboratory studies, higher concentrations of negative ions in the air lower the level of a chemical in the brain called serotonin. It may be a coincidence that serotonin shares its root with the word "serious", but less of it in the brain makes us more cheerful and energetic. So the next time you see some kayaker spaced out on the riverbank just remember it's all natural. — **Al Gustaveson**

NANTAHALIA TRIP PLANNED

The Rapid Riders are planning a whitewater tour of the Nantahal River and the Great Smokey Mountains region of North Carolina from March 21-31. Interested whitewater canoeists or kayakers contact Bek Kragh at 929-9454 for more information. — **Bek Kragh**

DESERT CANOE CLUB

AUSTIN CANOE CLUB

President: Ardell Gorman, (507) 433-7465
Vice President: Jerry Novak, (507) 433-1392

March 18th will be the Desert Canoe Trip planning meeting at the Austin Nature Center.

Ardell says that they have seven canoe building forms among their club members.

ST. CLOUD CANOE CLUB

ZAPF HUTS WITH SCHLEPPENBACH

Dale Schleppenbach was elected President of the St. Cloud Canoe Club on February 25 at the St. Cloud Library. According to Dale, the club will encompass every aspect of canoeing including racing, building and family cruising. Dale said the club appreciated monies from chapter rebates.

Fred Rupp, writer and Canadian trip leader, was the speaker at the February meeting.

Many thanks to Mike Zapf, past St. Cloud Club President, who has spent literally hundreds of hours teaching people how to build woodstrips, leading the St. Cloud Chapter, and working with the MCA.

THE DULUTH TRAVELER



Newsletter of the Twin Ports Chapter
President: David Spencer, (218) 624-3413
9 St. Louis Court, Duluth, MN 55808
Cruising: Gardner Ellis, (218) 728-5304
Whitewater & Membership: Rick Luck, (218) 724-7992
Racing: Jim Wheeler, (612) 728-3368

TWIN PORTS ACTIVITIES

March 5	7:30 p.m.	Twin Ports Executive Committee Meeting. Discuss trips for the season. All are invited. David and Sue Spencer's, 9 St. Louis Ct.
March 26	7:30 p.m.	Canoe Clinic at Ski Hut in Duluth. An evening to talk about boats. FMI call Scott Neustel at 724-8525.

Cold temperatures and little snow have thwarted many of the ski outings planned for this winter. A couple of trips did turn out despite -30 degree temperatures and biting north winds.

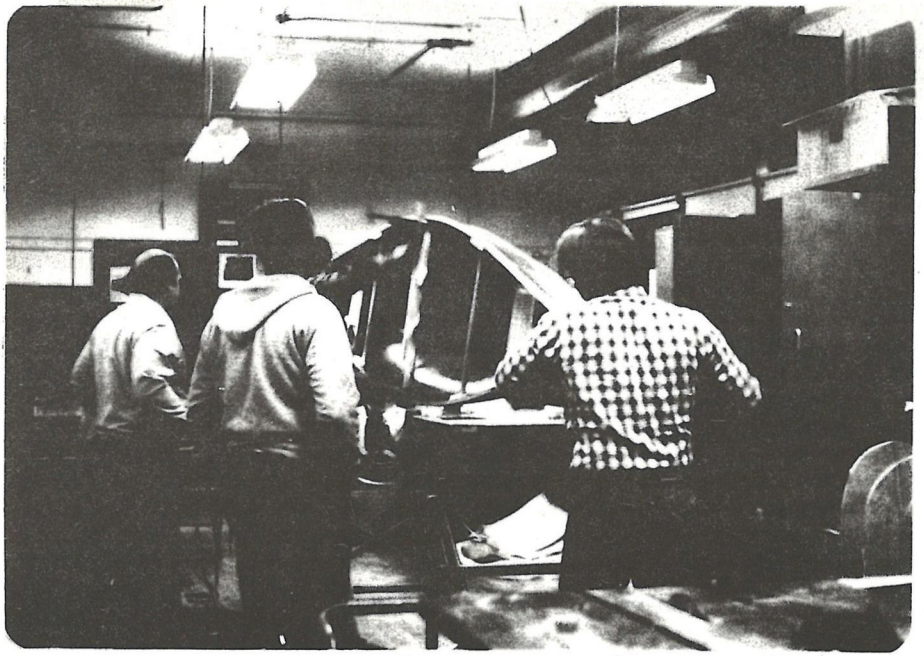
The annual Jay Cooke State Park ski trip was switched to Gooseberry State Park due to lack of snow. With a numbing windchill factor of -80 degrees, five Duluth skiers made their way around the trails and enjoyed a picnic lunch at the shelter. Frozen eyelashes and rock-hard Snickers bars made the stuff of good conversation at the pot luck later. The dinner was much better attended.

Another annual trip was the Boundary Waters Ski Weekend. Lodged in great comfort and fed with fine meals (no preparation, no dishes), 26 skiers from all over Minnesota enjoyed winter at the Borderland Lodge on Gunflint Lake. Although the night-time temperature hit -28 degrees, a warm sun made skiing during the day a real pleasure. Tim and Carolyn Sundquist did a great job organizing the weekend and making sure all the crying babies were in the same room. Thanks a lot to the Sundquists. Volunteers to organize next year's trip are needed.

Another February ski event was the Midwest Track and Telemark Race at Duluth's Spirit Mountain. Thirty-eight racers from Minnesota and Wisconsin showed up to take on the gates in head-to-head competition. Twin Ports member Mark Cline showed his perceptive abilities by skiing a great race to the finish line and then going through the wrong chute at the end, thus disqualifying himself from the race.

Snow has finally arrived in the Lake Superior Region and with it come hopes for a few late winter ski outings. At the same time, however, a few rivers are beginning to cut through the ice and snow, allowing desperate boaters a chance to hit the water. A few interested in Spring boating are: Gardner Ellis, Rick Luck, Jim Wheeler, Kris Wegerson and David Spencer. Call any of them if you need company.

March 26 at 7:30 are the date and time for an evening of canoe talk and a clinic on the new boats of 1985. The Ski Hut in Duluth is opening their shop to host an interesting evening of canoeing. Reserve that evening and find out about the new canoes for the new season. — **David Spencer**



Adjusting the thwart. (Photo courtesy of Lare Strom.)

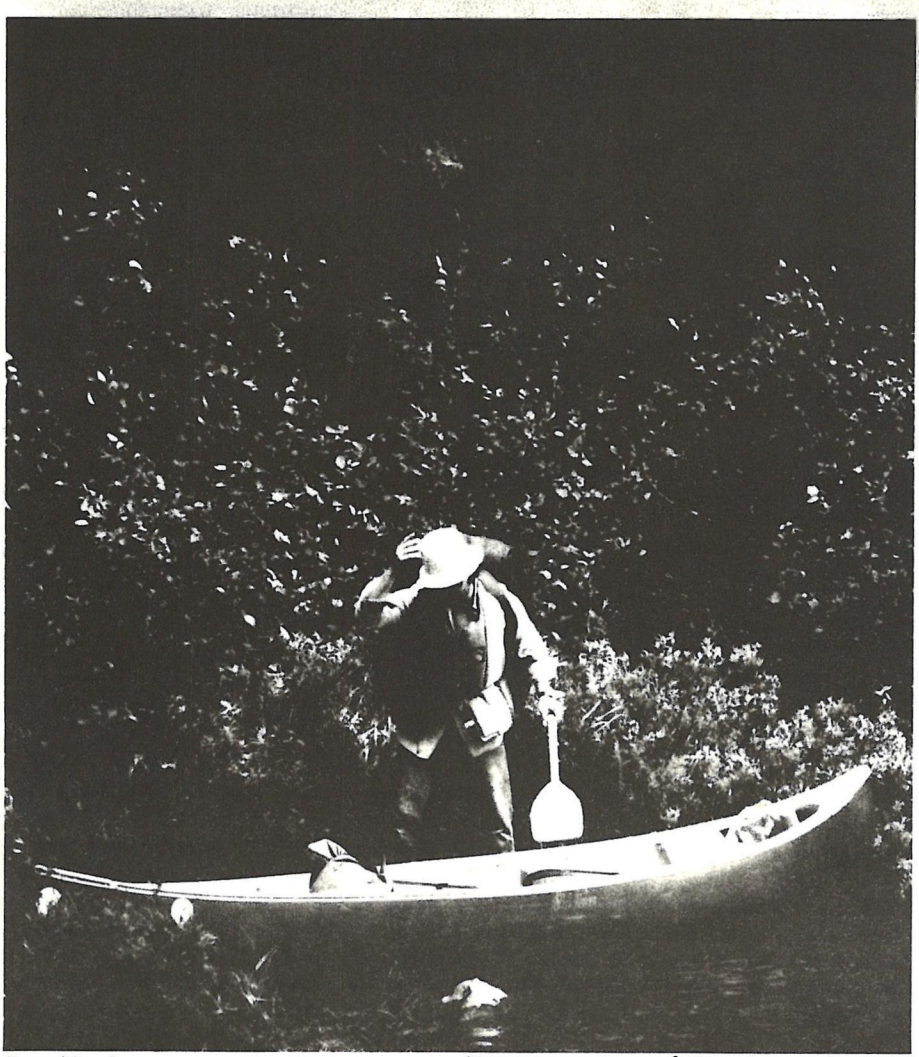
HUT! is the signal on which paddlers change sides. It was first used by Tom Estes and Eugene Jensen in the 1940s as they won four Aquatennial canoe races. It was adopted as the title of the MCA magazine because it symbolizes the teamwork and coordination necessary for effective canoeing.

HUT! is the monthly newsletter of the Minnesota Canoe Association, Inc. Copyright 1985, all rights reserved.

HUT! STAFF

John Wexler/Editor
Debbie Murphy/Typing, Writing
Cindy Moews/Writing
Randy Manlick/Production
Betty Ketter/Mailing, Assembly
Karl Ketter/Writing, Advising
David Stamps/Editing, Writing
Wayne Martin/Advertising, Prod.
Chris Berne, Advertising
Burt Levy/Photography

Deadline for Each Issue: Submit articles to the Editor no later than the 10th of the month preceding publication. Send submissions to: John Wexler, 5341 Harriet Avenue South, Minneapolis, MN 55419.



Jan Abrahamson prepares to portage. (Photo courtesy of Burt Levy, Graphic Images.)

Now when I had mastered the language of this water and had come to know every trifling feature that bordered the great river as familiarly as I knew the letters of the alphabet, I had made a valuable acquisition. But I had lost something, too. I had lost something which could never be restored to me while I lived. All the grace, the beauty, the poetry, had gone out of the majestic river! . . . All the value any feature of it had for me now was the amount of usefulness it could furnish toward compassing the safe piloting of a steamboat.

Life on the Mississippi — Mark Twain

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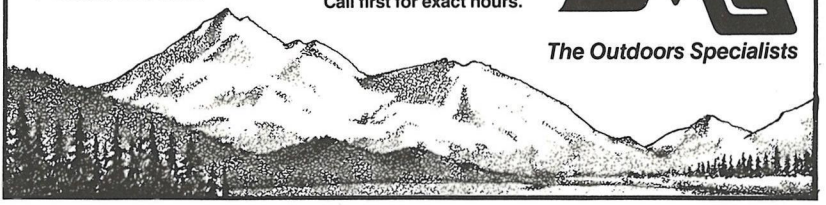
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Karl Ketter drills hole for thwart. (Photo courtesy of Lare Strom.)



Sanding out the rough spots. (Photo courtesy of Lare Strom.)

FOURTH ANNUAL

ELY RACES 1985

July 26-28, Friday-Sunday
26th-2 mile Fun Race 6:30 p.m.
27th Run Paddle Bike Triathalon
9 a.m.
Ely Canoe Derby 10 mile
Amateur Races for 12 classes
1 p.m.
Sock Hop & Beach Party 8 pm
28th Amateur Canoe Marathon
32½ miles through 13 wilderness
lakes with 12 portages.
All classes invited.
CONTACT: Ely Canoe Derby
Committee
%Piragis Northwoods Co.
105 N. Central Avenue
Ely, MN 55731
(218) 365-6745
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MARCH

CALENDAR

1 RAPIDS RIDERS ESKIMO ROLLING CLASS, Friday 6:30 - 8:30, Learn how to do 360°'s, Oxford Community Pool, 1 block south of I-94 on Lexington at Inglehardt Ave. in St. Paul. Cost $20 class, plus $10 for boat. Call Mike Pease 222-3191.

5 HUT WRITING MEETING, Come and contribute your ideas for HUT!! Everyone and all input wanted!! 7:00 p.m. at John Wexler's house. 5341 South Harriet Avenue. FMI call John 827-6693.

6 MONTHLY DIRECTORS MEETING - Wednesday, 7:30 p.m. All members welcome. John Nosek's, 2147 East Burke, Apt. 16, North St. Paul. (612) 729-8874.

8 RAPIDS RIDERS ESKIMO ROLLING CLASS, Friday 6:30 - 8:30, Learn how to do 360°'s, Oxford Community Pool, 1 block south of I-94 on Lexington at Inglehardt Ave. in St. Paul. Cost $20 class, plus $10 for boat. Call Mike Pease 222-3191.

9 BOUNDARY WATER'S CANOE AREA WILDERNESS, Saturday 12 p.m.-6 p.m., Brooklyn Center Civic Center, Shingle Creek Pkwy. & I-694. First public exposure of the new wilderness minimum impact camping skills certification for BWCA users.

MARCH (CONT).

9 CRUISE DOWN SAND CREEK, Jordan, MN Class I-II easy whitewater. FMI Bek Kragh 929-9454.

12 RAPIDS RIDERS BUSINESS MEETING, Tuesday, 7 p.m. Valli Restaurant at Cedar-Riverside in Minneapolis.

15 RAPIDS RIDERS ESKIMO ROLLING CLASS, Friday 6:30 - 8:30, Learn how to do 360°'s, Oxford Community Pool, 1 block south of I-94 on Lexington at Inglehardt Ave. in St. Paul. Cost $20 class, plus $10 for boat. Call Mike Pease 222-3191.

19 CANOEING THE FAR NORTH, Slide show series. Sponsored by Wilderness Inquiry Association. Stillwater Public Library 223 North Fourth Street at 6:30 p.m. FMI Don Mitchell 433-3284 or Bill Simpson 433-3451.

19 RAPIDS RIDERS ACTIVITY MEETING, Tuesday 7 p.m. Pearl Park, 54th & Portland in So. Minneapolis. Learn how to outfit yourself inexpensively. Call Greg 894-4480.

21-31 PADDLING TRIP TO THE NANTAHALA OUTDOOR CENTER and the Great Smoky Mountains region of Tenessee/No. Carolina Interested people contact Bek Kragh 929-9454.

22 RAPIDS RIDERS ESKIMO ROLLING CLASS, Friday 6:30 - 8:30, Learn how to do 360°'s, Oxford Community Pool, 1 block south of I-94 on Lexington at Inglehardt Ave. in St. Paul. Cost $20 class, plus $10 for boat. Call Mike Pease 222-3191.

26 EMS ROSEVILLE OUTDOOR CLUB NIGHT, 7-9:00 p.m., Join the Rapids Riders to learn more about the Rapids Riders and other area outdoor clubs. EMS Lob Pine 1627 West County Road B

26 HUT WRITING MEETING, Come and contribute your ideas for HUT. Everyone and all input wanted!! 7:00 p.m. at John Wexler's House. 5341 South Harriet Avenue. FMI call John at 827-6693.

APRIL

3 MONTHLY DIRECTORS MEETING - Wednesday, 7:30 p.m. All members welcome. Location to be announced in next issue of HUT or call Al at 778-8525.

6 EXPLORATORY CRUISE ON THE WAPOGASSET RIVER, near Amery WI, Class II-III whitewater. FMI Bek Kragh 929-9454.

River Level Inventory

Fold

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 171, ST. PAUL, MINN.

POSTAGE WILL BE PAID BY ADDRESSEE

STATE OF MINNESOTA
Department of Natural Resources
Trails & Waterways Unit
Box 52 500 Lafayette Road
St. Paul, MN 55146

_____ Rapids, not passable due to (high / low) water, circle one

Please comment on particular areas, where you feel the water conditions put you at risk:

Condition	Location (river mile)	Description, Comments, Risk if any
	( )	
	( )	
	( )	
	( )	

OBSTRUCTIONS : Please check those items that may have been a hazard to you on your trip:

___snags ___low bridges ___overhanging tree limbs ___fences ___other:_____

Item	Location (river mile)	Description, Comments, Risk if any
	( )	
	( )	
	( )	
	( )	

8. Other comments: (e.g. overall canoeability; quality of experience; conditions of facility; maintenance problems; suggestions; etc.)

_____

_____

_____

_____

_____

_____

Estimate the number of rivers you have canoed ___ Years of experience___

Thank you for your time and assisstance.

Name_____ Phone___( )_____

Address_____

_____Zip_____

2-85

River Level Inventory Form

RIVER _____ Dates Canoed __/__/__ to __/__/__ Number in party ___people; ___canoes

River Level Gauge Location (river mi.)	Date	Gauge Reading	General condition of level (V. High, High, Med., Low, V. Low)

TRIP EXPERIENCE :

Facility	Location, Name, Description	River Mile	Date
Put-in Access			
Take-out Access			

Total time spent on trip _____hours

Total time spent canoeing/floating _____hours

Total time spent playing, fishing, etc. _____hours

1. Estimate the number of times your canoe: _____ Hit rocks _____Dragged bottom
2. Estimate the number of times these occurances were due to low water as opposed to an error.

	low water	error
Hit rocks	_____	/ _____
Dragged bottom	_____	/ _____

3. How do you feel about the frequency of hitting rocks or dragging bottom? (circle one #)

Didn't bother me at all 1 2 3 4 5 Wouldn't canoe at this level again

4. We need to know how the flow of the river affected your trip. In general, was the current:

Slow and placid 1 2 3 4 5 Swift and powerful (circle one #)

WATER CONDITIONS : Which of the following did you encounter on your trip?

_____Riffles _____Rapids, passable _____Fast water with large standing waves



A Cooperative Effort

Fold

Thanks for your help!

By volunteering to read gauges and describe river conditions, you will help us to improve the reliability of our river level information service. This will lead to safer and more enjoyable canoeing on Minnesota's streams -- a benefit for all.

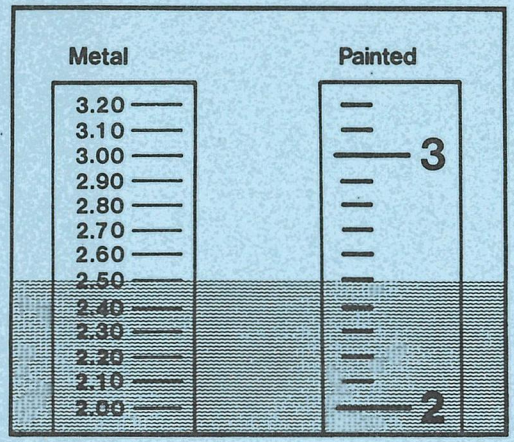
Those canoeists who fill out five forms or more this year will receive a complete set of the state's canoe and boating route maps.

INSTRUCTIONS

- Read the gauge, and record the reading on the form -- it is critical to the success of the project.
- If you do not encounter a gauge on your trip, try to give some indication of the level (e.g., exposed rocks, shoreline, banks, etc.) and record on the form.
- Be sure to include the date(s) canoed.
- Use a free DNR canoe route map -- it gives accurate information on river miles, access locations, most gauges, etc.
- Use pen or pencil and try to keep the form dry.
- Have a safe and enjoyable trip.

If you have questions, or would like additional forms, maps or gauge lists, contact the DNR (612-296-6699 or 1-800-652-9747).

Reading a gauge



Gauges may be metal or painted on a permanent place such as a bridge pier. Read the number to the nearest tenth at the water line at the time of your trip. The examples show a water level of 2.5.

APRIL (CONT.)

9 RAPIDS RIDERS BUSINESS MEETING, Tuesday, 7 p.m. Valli Restaurant at Cedar Riverside in Minneapolis.

12-14 ACA WHITEWATER CANOE INSTRUCTORS COURSE, Whitewater Specialties in Langlade, WI. FMI Burt Levy 729-8874.

16 RAPIDS RIDERS GENERAL MEETING. 7 p.m. EMS Lob Pine. 1627 West County Road B First meeting of Session I of the MCA Beginning Whitewater course. We will be covering personal gear and the entire class schedule. All Welcome. Call Greg Pothoff 894-4480.

20-21 CRUISE ON THE KETTLE & ST. LOUIS, rivers, Class IV whitewater. FMI John Wexler 827-6693.

20-21 THE GREAT MINNESOTA CANOE EVENT, Minnesota State Fair Grounds. Exhibits, movies, demonstrations, and seminars on all aspects of canoeing and kayaking. Sponsored by Midwest Mountaineering.

16 CANOEING THE FAR NORTH, Slide show series. Sponsored by Wilderness Inquiry Association. Stillwater Public Library, 223 North Fourth Street, at 6:30 p.m. FMI Don Mitchell 433-3284 or Bill Simpson 433-3451.

26-28 CRUISE TO SOUTH FORK OF FLAMBEAU, Class II-III whitewater FMI Dave Hoiland 377-5253.

26-28 CRUISE TO THE PRESQUE ISLE, Michigan Upper Peninsula rivers. Class IV plus whitewater. FMI John Wexler 827-6693.

30 HUT WRITING MEETING, Come and contribute your ideas for HUT. Everyone and all inputed wanted!! 7:00 p.m. at John Wexler's house. 5341 South Harriet Avenue. FMI call John at 827-6693.

MAY

3 BEGINNING WHITEWATER IN POOL SESSION, 6:30 - 9:00 p.m. Oxford Community Pool, 1 block south of I-94 on Lexington at Inglehardt Ave. in St. Paul. FMI Burt Levy 729-8874.

3-5 CRUISE TO THE ROARING STONEY RIVER, and exploratory Mystery River. Class III and IV whitewater. FMI John Wexler 827-6693.

4-5 BEGINNING WHITEWATER FLATWATER PORTION, Location to be announced at April 16 Rapids Riders meeting at EMS Lob Pine.



KETTER CANOEING
(612) 561-2208

101 79th Avenue North
Minneapolis, Minnesota 55444

Before we sold any canoes, we paddled them. Before you buy any canoe, you paddle it.

Canoes: We-no-nah, Sawyer, Peterson, Jensen Racing. Training, touring, solo, tandem.

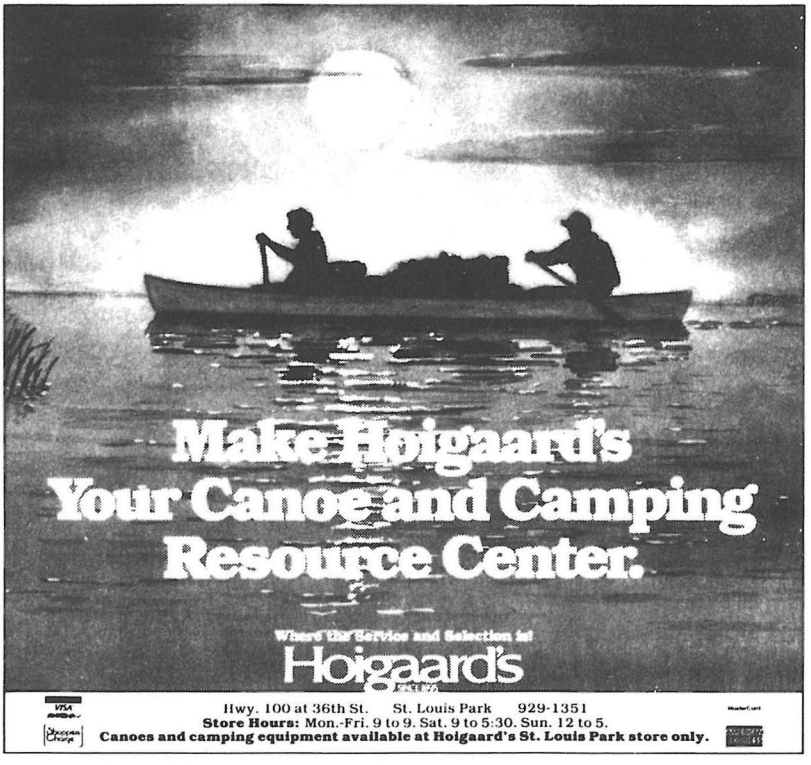
Paddles: Cadorette, Peterson, Waddel, Hidde, Clement, Grey Owl. Bents, straights, lightweights, laminated.

Equipment: Custom canoe covers, sliding seats, footbraces, yokes, Quick 'n Easy carriers.

Accessories: Paddle covers, grey tape, t-shirts, hats, Seda and Omega life vests.

Materials: Resin and fiberglass, thwarts, gunwales, foams, wood and aluminum parts, strips.

Source: MCA Resin Depot, gathering place for Minnesota's long distance racers. Lessons and coaching in canoeing, racing and building. Free catalogues and magazines.



CONSERVATION

Many of us have travelled into the Boundary Waters Canoe Area Wilderness (BWCAW). To some, a summer is incomplete without at least one trip to the BWCAW. To the observant eye it is clear that years of use by canoeists has been taking a toll on the fragile environment of the BWCAW. Eroded campsites, cut trees, garbage, misplaced fire pits—these are some of the impacts that are beginning to encroach on the wilderness. The unavoidable conclusion is that these impacts are being caused by canoeists, not out of malicious intent, but due to a lack of knowledge of proper wilderness use.

The U.S. Forest Service recognized that the BWCAW was suffering increasingly severe impacts. Something had to be done. But what? After much thought, it was decided that the best solution rested upon educating the BWCAW user to the proper use of the fragile wilderness environment. Sounds easy, right?

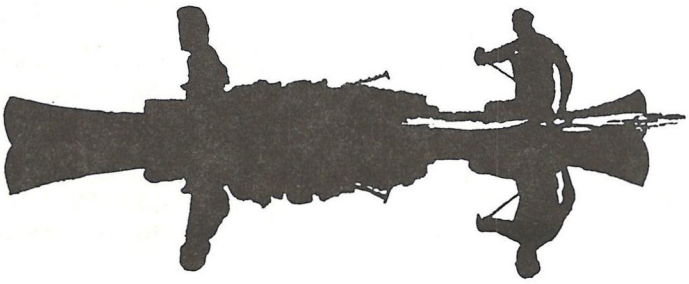
The Forest Service put out the word to a number of agencies and organizations concerned about the BWCAW, including the MCA. The response was tremendous, and strongly in favor of user education. The BWCAW User Certification Program was born.

Groups put a great deal of time and effort into the program. Suggested curricula were submitted and reviewed by the Forest Service. In early February a large group of concerned canoeists, from several different organizations, was invited to Sandstone, Minn., to discuss the program with Forest Service representatives. This meeting served to define and refine the core of the user certification program. The program was worked into its final format at subsequent meetings in February.

So what did we come up with? So much is included in the program that I would take up the entire HUT! going through it all. But in a nutshell, the program will include a brief history of the BWCAW, trip planning choices and advice, wilderness ethics, low impact use methods, and safety in the wilderness.

How can you learn more? Your MCA is taking a very active part. The big kick-off for the BWCAW User Certification Program will be at the MCA monthly program on March 9. This will be the first opportunity for the public to see what the program is all about. Everyone can learn something here, even us "experts".

The ultimate goal of the Forest Service is to have a public educated to the wise use of our wilderness. We can all help. Attend the MCA March 9th program. Use the wilderness wisely. Spread the word. — **John Nosek, Conservation Director**



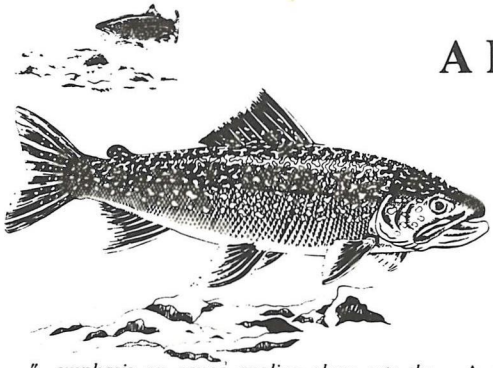
THE ECOLOGIST'S NICHE

You've seen one, you've seen 'em all. Not necessarily so. Take a second look. Environments vary; we're just coming out of winter, but down south winter loosened its grip a lot earlier. Wildlife is not unaware of these differences. Over generations they have evolved adaptations that allow them to live within the variations of the environment, not just from one species to another, but even within members of the same species.

One example: Geographic races possessing a smaller body size are found in the warmer parts of their range; larger body size is found in the cooler climate. If you travel a lot you might have noticed, for example, that chickadees are bigger in Minnesota than, say, Texas. This applies to other species too. Technically, this is referred to as Bergmann's Rule. One reason for the variation is that it is harder for a warm-blooded animal to stay warm in Minnesota; larger body size helps.

Allen's Rule: The extremities of animals (ears, tails, bills, etc.) are shorter in the cooler part of the range than in the warmer part. Look at cottontail rabbits. They are bigger in Minnesota (Bergmann) but their ears are smaller than their cousins in Texas. Again, one reason smaller ears are better in Minnesota is that less body heat is lost through smaller ears, crucial in the long winter.

Wildlife possesses a vast array of adaptations for their particular environments. You've seen one, you've seen 'em all? Take a second look. — **John Nosek, Conservation Director**



A Boundary Waters Fishing Guide

By Michael Furtman

"...emphasis on canoe angling alone sets the book aside from other fishing guides." **CANOE magazine**

"...something which has been needed for a long time." **Bob Cary, ELY ECHO**

"...required reading for all entering the BWCAW." **MINNESOTA REVIEWS**

"...will be helpful when planning your trip. For the Boundary Waters enthusiast it is a worthy addition to your fishing library." **MCA HUT!**

A fishing guide for the Boundary Waters canoeist. The book thoroughly covers the needed equipment and techniques for more effective and enjoyable fishing in this wilderness area. Separate chapters on each of the major fish species plus information on fish handling, cleaning and cooking. For the first time anywhere, a lake index of nearly 600 lakes with information on location, depths, access, camping and fish species. Invaluable for trip planning.

To order send $8.95 plus $1.00 handling (MN residents add 54¢ tax) per copy to: BIRCH PORTAGE PRESS, P.O. Box 3055, Dept. H, Duluth, MN 55803.

A BRIEF PLANNING GUIDE TO THE BWCA

Whenever you're ready to start planning your Boundary Waters Canoe Area trip, the Forest Service is ready for you, although they can't guarantee when the ice break-up will be. Here's the basic information:

Reservations are always suggested, and almost always necessary if you plan to travel during the opening of fishing season (Saturday, May 18), Memorial Day weekend, 4th of July weekend, or Labor Day weekend. People had to be turned away last year over the Labor Day holiday, although you can usually enter the area somewhere, if not at your first choice site. Other heavy use times are the last week of July and the first three weeks of August.

Since the Forest Service now accepts Mastercard and Visa, reservations can be made by writing or calling one of the following Forest Service District Offices. (The reservation fee is $5.00.)

La Croix Ranger Station
Box 1085
Cook, MN 55723
(218) 666-5251

Voyageur Visitor Center
Box 149
Ely, MN 55731
(218) 365-6126

Isabella Ranger Station
2759 Highway 1
Isabella, MN 55607
(218) 323-7722

Tofte Ranger Station
Tofte, MN 55615
(218) 663-7280

Gunflint Ranger Station
Grand Marais, MN 55604
(218) 387-2451

The hours of these offices vary; call in advance so you can plan to arrive when the offices are open.

Permits are free and must be picked up in person no more than 48 hours before you enter the BWCA. Permits can also be issued at the Duluth Forest Service station at 515 West First Street in Duluth, from 8—4:30 Monday through Friday. Their number is (218) 727-6692. The folks at this station can also give you information by telephone about which district offices have permits available.

All the information here and lots more can be obtained by writing or calling:

U.S. Forest Service
Box 338
Duluth, MN 55801
(218) 727-6692

As always, the maximum group size is 10; dogs are allowed (they must be kept on leashes during portages and kept quiet at all times); cans and bottles are not permitted.

Metal detectors will not be allowed in the BWCA this year without a special use permit. This restriction is being imposed to curb people from rooting around in the thin layer of topsoil.

The Forest Service urges you to start your trip mid-week if at all possible, and suggests coming in early May, June, September, or early October, when visitor traffic is lighter. (And the mosquitoes are in need of blood donors.) — **Mary Wenzel, HUT! Reporter**

BUILDING

ANYONE CAN BUILD A CANOE (BUT YOU HAVE TO HAVE MORE FAITH THAN YOUR NEIGHBORS)

The neighbors, particularly Blanche, were dubious when I carted the remains of my redwood-strip canoe into the garage and set it on a pair of sawhorses.

"What's that gonna be?" she asked, pausing one of her thrice-daily walks and poking her head in from the alley. "Firewood?"

Blanche, who is 86, can't pass by an open garage door or fence gate without a sour comment on events of the world or the neighborhood. She smiles when she accentuates the negative. On especially bleak pronouncements she chortles.

Myself, I was not smiling as I surveyed the damage. I tried to take courage from a line in some bit of MCA canoe building literature: "If you can build a knickknack shelf," it said, "you can build a wood strip canoe."

I'd never built a knickknack shelf and never particularly wanted to. Guilt over having smashed up my canoe on a rock, not knickknackery, was the thing that had prompted me to undertake this project, the success of which I was skeptical, even before Blanche offered her own damage assessment.

"That'll make good kindling," she said.

The canoe was in pretty bad shape. There was little left below the waterline that wasn't splintered, and a couple of nasty rifts ran from the principal devastation on the bottom toward the gunwales on each side. The gunwales and thwarts were undamaged, however, which kept the whole sorry boat more or less canoe-shaped. That, along with the fact that I felt awful over having ruined something I'd grown attached to, prompted me to believe that the wreck could be restored.

I spent two days that weekend with a marking pencil, trying to figure out which parts to keep and which to cut away. During that time, Blanche kept up the repeated references to firewood and kindling (she likes to get the maximum mileage out of each comment). When I actually began cutting away pieces of broken hull, she gleefully switched to variations on "You're making the holes bigger."

I had bought the boat for $150 four years before at a garage sale. I knew nothing about canoes then; I had only heard of strip canoes, never actually seen one. It was only when I attended an MCA two-hour building seminar that I discovered that mine was an MCA Guide and that it wasn't completely finished; it needed seats and thwarts.

Once I'd put in the seats and thwarts I was so proud of my canoe that it pained me to tell the truth when people asked if I'd built it. If you paddle around in a strip canoe, people will come up to you by the score, look at the boat and ask, "Did you build it?" You can only say no so many times before you start feeling like a great pretender and that in order to clear your conscience you should actually build a canoe someday.

But rebuilding one as badly beaten up as mine is quite a different proposition than building one from scratch, I was to learn. Numerous problems that the MCA building book doesn't prepare you for can arise.

For example, what do you do when the MCA forms don't match the old hull? Later I was to hear a perfectly plausible explanation from MCA builder Bob Brown on why this was. The original builder had let the hull spread out between fiberglassing the outside and the inside. That makes sense now, but at the time it was a setback to discover that MCA templates did not fit my canoe. (Using a method of my own invention, which involved temporary cardboard templates and 3M Post-it-Notes, I managed to devise new forms that matched the old hull.)

The real nightmare, however, was laying new strips around the sharp side curves and trying to keep them from bulging too much between forms. The MCA building book warns about this problem, but the solution it suggests does not easily apply to rebuilding. When stripping up an entire boat, you can taper the ends of the strips to reduce the bulge. When fitting new strips into existing spaces, butt-to-butt against old strips, you can't.

During my protracted battle of the bulges, I was thankful for one thing—that Blanche knew less about canoe building than I and therefore was forced to confine her comments to the general rather than leveling specific criticisms at my boat-building prowess. Her favorite remark during this stage was, "Lake's gonna be froze over before you get that boat done." This was in May. Occasionally she would venture into the garage, run a fingernail over a few of the 1200-odd staples that held the whole unlikely contrivance together and say, "With all this hardware in it, it'll sink for sure."

My reconstructed MCA Guide wouldn't have taken any prizes at last week's canoe builders show, but it does float. It has survived its new life maiden voyage to the BWCAW, where it carried more gear than any two people should sensibly try to portage.

Now that the job is over, I don't know which was the bigger thrill—seeing that canoe II didn't sink the first time I launched it, or being able to say to the first person who asked if I built it, "Well, most of it."

Without a question, though, one of the most rewarding moments came the day I got the drop on Blanche. The final stripping, staple pulling and sanding had been done over the course of several nights so she hadn't seen the transformation from work-in-progress to all-but-fiberglassed canoe. On the Saturday morning late in June, when the weather seemed right for that final event, Blanche poked her head over the trash can and just watched for a full half-minute without saying anything.

"It'll probably never float, Blanche," I said.

"Oh it'll float," she said, nodding, then added, "Good fishing is almost over for the season though." — **David Stamps**

(Editor's Note: Not all builders are master builders like the ones you saw at last week's builders' show. Everyone has to start somewhere.)

The Crow Wing and its main tributaries is extremely clear, has little color, and is not turbid, the result of good groundwater sources, sandy soils, and lack of floods.

Streams and Rivers of Minnesota — Tom Waters.

CANOE LICENSE MONEY

Canoe license money — Over the dam? Under the bridge? Down the drain? What happens to canoe license money, and how much is there, anyhow? HUT! Editor John Wexler wanted to know, and he thought you'd probably like to know too. So I hied me off to the DNR to find out.

Kim Elverum, head of the DNR's Water Safety Section, said that as of December 31, 1984, there were 128,361 canoes licensed in Minnesota: 86,000 aluminum canoes; 26,000 fiberglass canoes; 5,000 or more wood canoes; and the rest are made of this, that, and Kevlar.

Since a license costs $7.00 for three years, one can compute annual license income to the state to be $299,509. For easy recall that's $300,000.

From Steve Kirch (pronounced Kirk), River Recreation Supervisor, I learned there is no correlation between revenues derived from licensing and DNR programs related to canoeing, because it simply goes into the state's general fund. Licensing was probably begun simply to tap a fresh source of revenue for Minnesota, and not as a means of financing perceived needs in canoeing recreation.

But wait! That does not mean there is no formal program for canoeing or that other DNR programs do not touch or affect the sport.

The Canoe and Boating Routes Program was created by the state legislature to serve canoeing (Minn. Statute 83.52). It provides six full-time field people (one in each of the six DNR regions of the state) to monitor and maintain nineteen rivers totalling more than 2,800 miles of recreational waterways. Those six people form the Trails and Waterways crew and are assisted by other DNR staff as projects and tasks require. Four program functions are specified in the statute: to acquire sites, to develop and maintain the sites, to remove obstructions, and to mark hazards.

Site acquisition is going forward in a manner financially painless to the state, due in large measure to the cooperation of power and mining companies. Kirch says that good cooperation with interdepartmental people, as well as with other levels of government—county and municipal—has also made site acquisition much easier than might be expected.

There are presently over 500 sites on nineteen rivers, with more being added each year. A site may provide river access, a portage trail, picnic facilities, camping facilities, or a combination of any or all of the above.

Developing and maintaining these sites is the second function of the program, and might include keeping sites clean and trash-free, and maybe even mowing grass.

The third job of the Trails and Waterways crew, to remove river obstructions such as trees, refrigerators and automobiles, requires considerable time and effort, according to Steve Kirch. In this last, he says the DNR regions are particularly helpful in providing staff and equipment to assist the Trails and Waterways personnel.

The fourth and final responsibility is to mark hazards. Signs which are aesthetically acceptable (you know how sensitive paddlers are) and yet are resistant to the elements and vandals must effectively warn of lowhead dams and dangerous rapids. Because five of the twenty-four drownings in 1984 involved lowhead dams, a lowhead dam warning sign program is starting this spring.

This year's appropriation for the Canoe and Boating Routes Program is $166,300, equal to 55% of canoe licensing revenues. To those of you who feel the DNR should spend 100% of license monies on the expansion of their canoeing-oriented activities, remember there are fellow members who would gladly double their license fees if it would ensure their favorite river never being designated as an official canoeing river. — **Holace Nelson, HUT! Reporter**

EDUCATION & SAFETY

The following are the classes we currently have planned for this year's upcoming paddling season. Please read the general section and class descriptions very carefully. I will be happy to answer your questions at any time, but would prefer to receive calls between 6:00 and 10:00 p.m. on Mondays and Wednesdays. You can reach me at 729-8874. Thanks, hope to see you on the river in '85. — **Burt Levy, Safety & Education**

General Information on MCA Classes:

- —You must be a current MCA member.
- —Your boat must be currently registered.
- —All paddlers must have appropriate PFD's; decked boaters must also have helmets.
- —For day classes, bring: snacks and lunch, canteen, proper clothing for projected weather, a change of clothes (in case you get wetter than anticipated), and sunscreen.
- —Any additional special gear is detailed in the class descriptions.
- —Unless otherwise noted, you will be responsible for providing your own boats, transportation, shuttles (organized by instructors), camping gear, and food.
- —A class registration form and release must be completed by all participants for each class attended. Send all registrations to: Burt Levy, c/o Graphic Images, P.O. Box 6149, Minneapolis, MN 55406.
- —Unless otherwise noted, all registrations and class fees must be received by mail no later than one week before the scheduled class.
- —All class fees are per person.

Beginning Whitewater—Canoe/Kayak

Once again, this class has become expanded in scope to give our students a more comprehensive program. Our section leaders and most of their assistants will be ACA certified. Our classes will follow the Red Cross format for Fundamentals and Basic River Canoeing/Kayaking, with many additions that our highly experienced paddlers have recommended.

Students will start on quietwater, learning essential boat control and progress in easy stages to Class I, II, and III rapids. In addition to paddling techniques, you will learn river safety, basic rescue, how to prevent hypothermia, and many other tidbits of whitewater skill and folklore.

This class has traditionally filled very quickly, so sign up early.

SESSION I:

Dates, times and places:

April 9	Classroom instruction: introduction, personal gear, general orientation, and slides. 7:00-9:00 p.m. Place to be announced.
May 3	Pool session at Oxford Pool, one block south of I-94 on Lexington Avenue at Inglehart Avenue, St. Paul. 6:30-9:00 p.m.
May 4 & 5	Quietwater paddling sessions and classroom work and movies. Place and exact times to be announced; sessions will be about six hours per day.
May 14	"Path of the Paddle" movies and additional orientation at the St. Paul Student Center, University of Minnesota St. Paul campus. 7:00-10:00 p.m.
May 17-19	River sessions at St. Croix State Park as part of the MCA Canoe School Weekend. Lodging and food will be included.
May 25-27	Optional cruise/class on the Bois Brule River, Wisconsin.
May 31-June 2	Final river sessions on the St. Louis and Kettle Rivers. Camp at Banning State Park. Graduation party at Banning Junction to follow on Sunday.
Fee	$60.00 for complete course
Size limit	30 students—canoe 10 students—kayak
Coordinators	Burt Levy, 612/729-8874 Bek Kragh, 612/929-9454
Registration deadline	March 30 (no cancellations will be allowed after this date)

Complete details and maps to the river sessions will be distributed as the class progresses. We will attempt to team up people in tandem canoes who have a boat and no partner with those who do not have a partner or canoe. We will also let you know where you can rent boats if needed.

Efficient Paddling

This class has something to offer most anyone, from beginners to well-seasoned paddlers who thought that the J-stroke was the only way to control their canoe's direction. Switch paddling technique as pioneered by MCA'ers will be the main emphasis. Other topics will include basic safety, boat trim, paddle selection, and boat control. Upon completion of this class, you will be amazed at how effortlessly you can move across the water in your canoe. This course will be offered three times:

SESSION I:

This session will be part of the Canoe School Weekend at St. Croix State Park on May 17, 18 & 19. Lodging and food will be included in this session. Additional details and maps will be printed in upcoming issues of HUT! Cost will be $20.00. You can arrive Friday evening or Saturday morning. Saturday will be spent on the river learning the various techniques.

MCA CLASS REGISTRATION FORM

All information is for instructors use only and will remain confidential.

Class title_____ Session number_____

Class dates_____

Name_____ Age____ Sex____

Address_____ City/State/Zip_____

Phone_____(home) _____(work)

Emergency contact: Name_____ Phone_____

Are you supplying your own boat? ___ Yes ___ No Is it currently registered? ___ Yes ___ No Number of PFD's ____ Paddles ____
If a tandem canoe, do you have a class partner? ___ Yes ___ No
If yes, name_____

If you have a medical condition we should be aware of (such as heart condition, high blood pressure, diabetes, epilepsy, acute allergies, etc.), please explain: _____

Skill Levels: Please check the highest level you feel competent at.

PADDLING:
- ___ No experience
- ___ Lakes
- ___ Easy rivers/moving quietwater
- ___ Mild rapids/Class I
- ___ Intermediate rapids/Class II
- ___ Advanced rapids/Class III
- ___ Expert rapids/Class IV-V

SWIMMING:
- ___ Strong
- ___ Moderate
- ___ Weak
- ___ Non-swimmer

Other related experience or instruction you have had, and general comments: _____

_____

Note: All students under 18 years of age must have a parent or approved guardian participating in the same class.

Liability Release

The MCA and the Rapid Riders Chapter always strive to make your boating experience as enjoyable and safe as possible. However, some element of risk always exists in canoeing, kayaking, and other water activities. I do hereby recognize this risk and agree to hold harmless the Minnesota Canoe Association, its outing organizers, river/trip leaders, and instructors from liability for any personal loss or injury which I may incur, and do hereby waive any remedy I may have in law or equity. This liability waiver is in effect while in transit to and from any MCA event, and while participating in any MCA outing.

Signature_____ Date_____

THE GREAT MINNESOTA CANOE EVENT

APRIL 20–21



All Boats and Accessories on Sale!

STATE FAIRGROUNDS

HOME IMPROVEMENT BLDG.

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—on all aspects of canoeing and kayaking

Ask the experts from:
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Featuring slide shows by Verlen Kruger
"The 28,000 Mile Ultimate Canoe Challenge"

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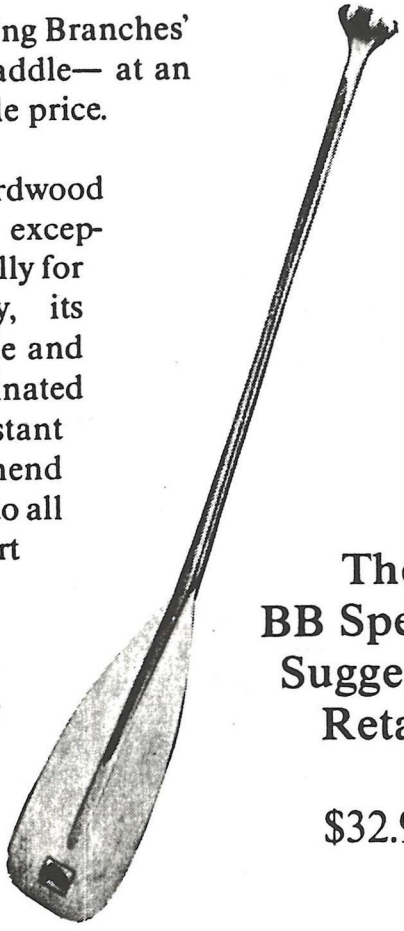
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I wanted to live deep and suck out all the marrow of life . . . .

Where I Lived, and What I Lived For — Henry David Thoreau

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Cr-rib Gl. Odyssey
$550 - save $225

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Spirit Lake, Iowa 51360

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MICHICRAFT

E-15 $299
E-17 $329
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Occasional deliveries
to Minneapolis area.

I have paddled on narrow, twisting rivers in New Jersey with good friends—easygoing, even-tempered people—who got royally incensed when I suggested that if they would only learn to draw and cross-draw they would not continue to plow the riverbanks. The look in their eyes showed a sense of insult, resting on the implication that every human being is born knowing how to use a canoe. The canoe itself apparently inspired such attitudes, because in form it is the most beautifully simple of all vehicles. And the born paddlers keep hitting the banks of the rivers.

The Survival of the Bark Canoe —
John McPhee

TRADING POST

Free personal ads to MCA members

The Trading Post is a free service for MCA members only. Members may place up to 30 words in an issue of HUT! for each canoe for sale, partner wanted, or other message. This service is not available for advertising or solicitation of commercial operations.

WANTED

Space to build 18' stripper canoe in Minneapolis or St. Paul area. Call Scott Nelson at 349-1420 (w) or 871-8410 (h).

Drivers. Racers need licensed drivers for our Long Slow Days Training Runs. Weekends from March through May. Free Ford. Free Travel. See hundreds of Minnesota bridges. Call Karl at 636-8116 or Betty at 561-2208.

Trip leaders for one day cruises. Choose river of your choice. Show it to a few other MCA'ers. Call Jim at 588-5402.

Photos. HUT! needs photos of current and past canoe trips, cruises, races, meetings, canoes, people, etc. Black and white or color photos okay. Photos will be returned. Call John at 827-6693.

FOR SALE

18' Sawyer square stern, **2½ h.p. Johnson** with carry bag, paddles, top carriers, portage yoke—all in great condition. $1,000 value for $600. Call Wally Clauson at 535-4569.

Prijon Special Kayak $300, 4 air bags $15, 82" Norse paddle $50, spray skirt $10. Call Tom at 522-1141 or 373-5553.

Strongback & forms for 17' Guide. FREE to an MCA member. Call Tom Salwasser at 636-6265 (days) or 934-0185 (evenings).

'74 Dodge Maxivan, R, H, A/C, automatic, terminal corrosion, but still running. Extra parts and tires. $700. Call Dudley at (507) 645-6390.

Kayak—Danish import fiberglass practice craft for Olympic K-1 event with double blade paddle. $400. Call Tom at 522-1141.

Ski boots—Used Vibram sole cross-country ski boots for $20 or best offer. Call John at 827-6693.

In much the way that wallet cards can be sealed between layers of plastic, paper or fabric designs are often included in the deck laminations of canoes, and one appeared to be made of bricks, another was a garden of permanently blossoming flowers, and still another had a deck of red-and-yellow Paisley print, so that its owner appeared to be paddling a wet necktie.

"Reading the River" in Pieces of the Frame — John McPhee

MINNESOTA CANOE ASSOCIATION MEMBERSHIP/ORDER FORM

I would like to join the MCA as a ☐ New ☐ Renewal member. Please check:

- ☐ Regular Member—1 Year . . . $ 10
- ☐ Regular Member—2 Years . . . $ 19
- ☐ Regular Member—3 Years . . . $ 27
- ☐ Supportive Member—1 Year . . $ 25
- ☐ Life Member. $100

Fill in name, address and phone number below:

_____

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☐ If you're moving check here and fill in your new address above. The **Post Office will not forward HUT!**

Canoe Building Plans, $5.00 each (SALES TO MEMBERS ONLY)

- ☐ Woodstrip canoe building manual with Explorer and Guide plans
- ☐ BWCA Cruiser
- ☐ MCA 14' Solo
- ☐ Free Spirit (Brown)
- ☐ 17' Osprey (Zapf)
- ☐ 15'6" Solo Canoe Pirate (Brown)
- ☐ 15' Solo (Ketter)
- ☐ Griffen II Kayak (Brown)
- ☐ 18'6" 4&32 USCA Racer (Burley)
- ☐ 18'6" 3&27 Racer (Ketter)

T-Shirts — Light blue shirt with navy MCA graphic, 50/50 blend. $5.00 each, plus $1.00 postage.

Stickers — Blue on a reflectorized background, great for canoe or car. $1.00 each.

Sew-On Patches — Gold paddles over a silver canoe, $2.00 each.

To order fill in name and address above. Indicate quantity desired in each size:

____ S ____ M ____ L ____ XL

____ Shirts @ $5.00 plus $1.00 postage

____ Stickers @ $1.00

____ Patches @ $2.00

Sew-On Patches

T-Shirt/Stickers

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