MINNESOTA CANOE ASSOCIATION, INC.

# HUT!

May 1988/Volume 24, Number 5



Will you stop making all that noise! I'm trying to identify that bird!
Cartoon: (c)1988, Gary Ohlsen

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**HUT!** is the signal on which paddlers change sides. It was first used by Tom Estes and Eugene Jensen in the 1940's 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.

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James Robinson/Editor
Verna Robinson/Assistant Editor and Advertising
Betty Ketter/Mailing
Alexandra Robinson/Word Processing
Anastasia Robinson/Go-fer

**DEADLINE FOR EACH ISSUE:** Articles are to be received no later than the 10th of the month preceding publication. Advertising and calendar items are to be received no later than the 15th of the month preceding publication.
Send submissions to:
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KETTER CANOEING

KETTER CANOEING
(612)561-2208
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Minneapolis, Minnesota 55444

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| Paddles: | Cadorette, Peterson, Waddel, Grey Owl, Maxcraft Straight, Bents, wood, lightweights, laminated. |
| Equipment: | Yokes, car top carriers, footbraces, sliding seats, Custom canoe covers. |
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| Materials: | Resin and fiberglass for Minnesota Canoe members, thwarts, gunwales, foams, wood strips for canoe building. |
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## FROM THE BOW

Well, paddling season has finally started. Phew, glad that's out of the way! Since I am slightly delinquent in getting this to our editor, I also can report that Circumminnesota has also gotten under way. Today (4/16) I know for sure that Dan Szymanski made it safely to the lunch stop. Most of the other folks who were paddling with him pulled out much earlier due to the 20-25 MPH winds that were gusting to 30 plus. From what I hear, the send-off was quite an event with great media coverage. A few songs were also composed for the event and performed by a female quartet. Must be canoe heaven for Dan.

Canoe heaven can also be very cheaply had by taking a look at the current cruising calendar. There are weekends that have up to five different cruises and single weekend days that have up to three different things to choose from. All of this is in addition to the unpublished Rapids Riders cruises and the never ending paddling activities of the racers. WOW!!!

As you can also see, the MCA Cruise Rating System is up and running. We hope that this system will be beneficial in getting you involved in cruises that best suit your paddling level. If you are a cruise leader, please rate your trip. We hope that both leaders and participants will take a moment to give some feedback to Karyn McAndrew (Cruising Director) on how this system is working out.

Speaking of cruises, the Govenor's Cruise is scheduled for June 18th this year. It will be held on the St. Croix river from Sunrise to Wild River State Park. All of the other important details will be in the June **HUT!**

Since we haven't given our official report to the board yet, I will make just a few comments about the findings of the MCA Goals/Steering Committee. There are many worthy and attainable goals that we have identified which I will share with you over the coming months. Of primary importance are two very vital areas.

First is the recruitment of a Volunteer Coordinator who would chair a committee to accomplish the goals outlined below. This person needs to be someone who enjoys communicating with other people. The committee would be responsible for staffing our booths at the various shows that we attend, rounding up members at large for more meaningful input at steering committee meetings, staffing some of the more task oriented committees that we would like to see established, and in general beating the bushes for all of those members out there who would love to do something for the MCA if only the were asked.

Yet to be determined is the exact status of this position. We need to discuss if a new board position should be created, if this might be an appropriate responsibility for one of the general directors to shoulder, or if this needs to be a voting director position at all. If you think that you might be interested, give me a call. The tasks outlined above are not hard to accomplish with the resources that we already have in place.

Another extremely vital area is the continuing quality and never-ending upgrading of the **HUT!**. All of our programs rely on the timely exchange of information that the **HUT!** provides. It is no secret that our current Publications Director and **HUT!** Editor is about to dip his paddle and move on. Jim has been doing a fantastic job and has shouldered more responsibility than most would care to. However, I'll sing higher praises and properly eulogize his passing tenure when the time comes. Right now there's weightier business at hand.

You might notice in the above paragraph that I actually mentioned two different positions. The Publications Director has to be only

that. He or she does not have to be Publisher, Managing Editor, Art Director, Go-fer, Advertising Manager, Designer, Typesetter, Keyliner, and Production Manager. Our committee has determined that the **HUT**! and the Publications Director will both be a lot healthier if a **HUT!** staff were established. Since this staff would not necessarily turn over with each Director, there would be better continuity and easier transitions with each change. My guess is that a couple of folks might drop out each year with most of the others staying on, most likely trading responsibilities. Again, we have many resources available for someone willing to step forward.

Well, I've reached the take-out for this month. Take a chance, give me a call about any one of the above positions. A simple inquiry won't bind you to anything. Guaranteed.

**--Burt Levy, President**

**MCA BOARD MEETING MINUTES**
March 2, 1988

The meeting was called to order by Burt Levy, President at 7:48 p.m.

Jim Robinson mentioned that he received a letter from the DNR regarding water studies. There was some discussion about how the MCA wanted to be involved.

Jim also mentioned that the board meetings should be conducted according to Roberts Rules of Order and said he will have a handy guide book available for the next board meeting.

The Building Books are here. We have over 1000 copies in print. We sold about 140 at the Builders' Show. The 1/2" binders are on order. Bob Brown is listed as contact for plans and books, but Robinson's are going to do the mailing for the books. Bob said the old building books are still available ($5.00).

Sue Hix said that the Rapids Riders Intro to Whitewater course for March 11 is in process of being organized. We discussed a possibility of a CPR certification course for MCA members. Will discuss further next meeting.

Bill Simpson mentioned the Great Minnesota Canoe Event, April 22-24. Dan's CIRCUMINNESOTA kickoff is April 15-17. We will promote this as an MCA event.

The MCA is promoting St. Croix weekend (Canoe "U"). It is going to be May 20-22. Includes the Whitewater Series and an Efficient Paddling class. Open to all MCA members.

Bill asked about the racing chapter. We need a racing calendar, Bill will get in touch with Tom Nolz regarding this.

Wilder Course for Efficient Paddling and Immersion and Rescue: A committee was formed to plan the schedule. Wilder is putting together an information flyer which will be put in the April **HUT!**

Al Gustaveson mentioned the cruise classification system. There is a committee set up to determine classifications. The rating system will be in **HUT!** starting with the April issue.

Caryl Duke will be the keeper of the newsletters from other exchange canoe clubs, so if you want to see a newsletter from another organization or canoe club, contact Caryl Duke.

Burt Levy suggested that we do a second mailing to MCA members that did not renew as an experiment. Send a first-class letter for two months.

Heide Reipe made a motion to adjourn the meeting, seconded by Caryl Duke and unanimously carried.

The meeting was adjourned at 9:30 p.m.

Respectfully submitted,
Kimberly Colburn, Secretary

**LETTERS TO HUT!**

Dear Mr. Robinson,

I wish to congratulate you on such a fine, well thought-out, well-worded, and sorely needed commentary as was printed in the March **HUT!**. Now I wish to congratulate Mr. Jacobson on such a fine reply as in the April issue and you again for your thoughts.

Being of the Jacobson school (though I don't have a 111B and haven't made it to the tundra yet), I was thinking that what he and I want is a "spiritual" experience. But then I remembered a few spiritual experiences that didn't occur in wilderness, and I'm sure that others have had many such-and not in wilderness.

I think I'd conclude that most of it is "real" canoeing. But there are varied people with varied desires that can be met in varied ways. It's simply that we all use the same vehicle type to carry us to/through places where we can have our separate and varied desires met. Really nice of the native Americans to invent a craft type that has brought so much to a diverse many.

Changing topics, my non-canoeing wife was shocked that the **HUT!** editor didn't receive some sort of recompense. I think it's a must. Computer? I think you said it all. Finally, I agree wholeheartedly with Mr. Jacobson about the foolish dragonboat races, or the foolishness of spending money for them rather than for local purposes.

Best wishes for a fine season (and thanks for your editor work).

Robert McCoubrie

To the Editor:

Every once in awhile I have to agree with my good friend, Cliff. As a board member, I voted against the funding of the Dragonboat Team. I felt that the money could find a better use (such as paying a **HUT!** editor).

I feel that this vote passed because too many of our board members represent one special interest group. I hope people keep this in mind when the call goes out for the '89 board. We need a mixed bag of board members.

A few years back the Voyageur canoe was going to make the MCA a household word. The MCA put all their eggs in one Voyageur Canoe. It was nearly the end of the MCA.

When the call for a 1989 board comes up, I hope to see a lot of new faces.

Bob Brown

To the Editor:

I want to go for a paddle but I need: Trip descriptions, journals, historical references, maps, rapids and portage advice, water quality and levels, access, egress and transportation facilities.

What I need is a really good library--and then to talk to some one who has done it.

I was looking at old issues of **HUT!** the other day and saw two things that got me thinking. One was an article by Cliff Jacobson in which he expressed misgivings about revealing favorite rivers. The other was the MCA survey form. After identifying myself as an

out-of-state member, not near a chapter I was asked how may the MCA help you? Ten years ago some friends and I were preparing for a trip in Northern Manitoba. We were struggling to get some of the information listed above and not having much luck when we heard of some big canoe club "poo-bah" who had led a group on the same route. He never did answer our calls or letters but finally we got hold of one of the lesser "poo-bahs" who had gone with him. He promptly told us that we didn't sound like we even "had it together" enough to talk to this guy and to forget our trip and paddle around the BWCAW for ten years. Then he "might" enlighten us--if we were worthy. Well, we went anyway, were babes in the woods, made a few foolish mistakes, but had a great time. When asked where we learned to canoe we would say, "School of hard knocks."

Well, what if the MCA established an information resource service? It could be anything from a full blown library to a comprehensive canoeing bibliography. From a simple--write to the DNR for their free map to--the Library of Congress # for (Technical Aspects of Portaging the Sahara) is...An information and advice buddy board where "babes in the woods" and "poo-bahs" could meet in the free and open exchange of ideas through the written word. Perhaps this is already being done but if so, you should tell the membership about it. What does the Education and Safety Director think? How about an MCA Ministry of Information and Propaganda? Elitists, here would be a real chance to strut your stuff. This could be an invaluable service for your members who can't take a class and don't belong to a chapter, as well as for your active members. Oh well, I was just thinking....

Sincerely,
James V. Murphy

Dear Sir,

I wish to compliment you and your staff for the fine job which you have been doing with regards to **HUT!** magazine.

I have been a member of the MCA for ten months and thoroughly enjoy reading each issue, as I continue to find it both entertaining and informative. I read, with particular interest, Bob Brown's Builders' Corner and the timely issues raised regarding the BWCAW, but feel now that I must comment on opinions expressed in the March issue on personal perspective.

As you so ably point out, the sport of canoeing is peopled by as diverse a group of individuals as one would ever find and that the reasons for their participation are just as varied. I, myself, was introduced to canoeing via the venerable aluminum models prevalent in the sixties and I used them in order to perform tasks where the act of canoeing was seen as only incidental. I remained blissfully unaware of the profound changes in the technology until I chanced to rent a Sawyer Cruiser from Ketter Canoeing for a trip north to fish several years ago which turned out to be a real eye opener. After vigorous tryouts of many models under various paddling conditions, my wife and I purchased our first performance boat, a WENONAH Whitewater II, which served admirably for several years. We have since replaced the WENONAH with a cedar strip we constructed and yet we find ourselves still rubbernecking when we pass what we call "Good Boats." While we have graduated to equipment more "advanced" than what we used years ago, our appreciation for just being in a canoe on the water has grown all the more. While it is unlikely that either my

LETTERS--CONTINUED ON FOLLOWING PAGE

wife or I will ever venture north of the 50th parallel in our journeys, our adventures are as fulfilling to us and our four sons as the tundra filled exploits are to those whose spirit drives them there. Whether one canoes as a means to an end or as an end in itself, what is really important is that we canoe.
Thank you for your efforts to advance the sport of canoeing by maintaining this forum where we can share and learn from the experiences of each other.

Cordially,
David R. Towley

To the MCA:

In the April **HUT!** Cliff Jacobson wrote, very adequately, on the issue of editorship. It also brought to mind a conversation Jim and I had at the '87 North Country Canoe Weekend. We discussed the same issues Cliff raised re: work load, burn-out and compensation, financial. So, for my "two cents worth." I would like to see the MCA provide an annual honorarium of $2400 and a percentage of ads solicited. $2400 so there will be a little left after taxes and a percentage as incentive to increase **HUT!** ad quality and quantity.

I also support MCA providing the "tools" to do the job. I don't believe MCA should expect the editor to come with equipment to produce the **HUT!**

Our board members might start looking into some similar organizations and learn more about their structure and be better prepared to make a decision when the time comes.

Fred B. Freeman

Dear Jim,

I have been following the Coleman Peak 1 stove controversy with interest.

How to pack the stove and avoid problems? Coleman supplies a padded nylon stuff sack Indiana Camp Supply #4172 for $6.95. Better yet, I have the Coleman two-piece aluminum slip box which also serves as cook pots.

Why does everyone denigrate the Eureka Timberline tent? It's superb and it sells for $78.00. Use the seam sealer supplied with the tent and go over the seams twice just as Cliff Jacobson tells you. Color code the center ridge pole just as Cliff Jacobson tells you and you're ready for the worst that can happen. I did one more little thing sewing loops on top of the fly from which I ran extra storm tie-downs.

Best regards,
George Schnabel

Editor Reply:

I have looked at the Coleman slip box container for the Peak 1 and hesitate to use or recommend it because of the soft aluminum alloy used. The necessity of soft aluminum for the deep-draw process that produces the box invites damage. You may not be able to separate the box halves after squashing. Perhaps I'm being over-cautious, but use it at your own risk.

Not "everyone" puts down the Eureka Timberline. Come on an MCA weekend trip, and the campsite looks like a Timberline ad. Seam sealing is a must, but I use Thompson's Waterseal (a wood and concrete sealer available in hardware stores). Use of this as seam sealer may void any warranty that Eureka has, but I have no qualms about using it.

I also recommend buying the "Deluxe" Timberline. The no-seeum netting and two doors are well worth the extra cost. Buy a vestibule while you're at it. It makes a great place to get out of the rain while you're taking off your boots. Don't even think of getting a two-person model, the four-person is best for two or three.

James Robinson, Editor

**CLOSING OF RESIN DEPOT**

I will continue selling West System Resin through the spring rush, then either hand the job over to a new volunteer or close the depot.--**Bob Brown**


# EMS IS YOUR COMPLETE CANOE HEADQUARTERS!

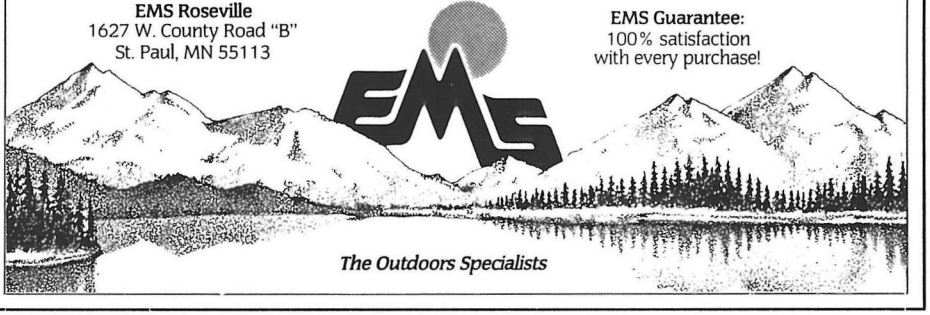
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**CORRECTION ON-----**REGULAR MEETING PLACE FOR MCA BOARD MEETINGS

It was announced in the April **HUT!** that the MCA Board would be meeting each month at the Minnesota Department of Transportation Building. Unfortunately the state has reviewed our request and we **WILL NOT** be able to use this facility.

We will have the May 4th board meeting at the home of Bob Brown. Watch the Calendar of Events for locations of future meetings.

**UPDATE ON DRAGONBOATERS**

Well, after a winter full of either skiing, swimming, ice skating, basketball or weight lifting, the dragonboat team members from the Minnesota area are looking with longing eyes on the open water. Nothing builds up those paddling muscles like paddling!

The Dragonboat Women's team currently consists of 17 women. More women are being sought out for the races in Hong Kong. The Hong Kong boats are bigger than the boats in Taiwan, and an additional four women from the U.S. can join the team for the races in Hong Kong. This is the first USA Womens' Team, imagine.

$3,484 was raised for the team by the MCA members in the raffle for the cedarstrip canoe, built by Bob Barron and donated to the MCA. The canoe was won by MCA member, Steven Lenhart of Eagan, at the annual banquet following the Builders' Show on February 13th. Congratulations, Steve.

The following team members want to thank the MCA and everyone who helped sell raffle tickets to raise money toward this effort: Rosanne Schoemehl, Karyn McAndrew, Heidi Riepe, Gwenne Burt, Kate Kovar, Mary Hildebrant, Pat Hildebrant, Lisa Riepe, Doug Cicha, Annie Moore, Kathy Kehrberg, Sharon Gully, Judi Sand, and Dan Cadotte.

At this printing, the team will hope to have signed up more members at the Midwest Mountaineering Great Canoe Event. There are still open seats for the U.S. team in Hong Kong. The dates for that trip are June 14-27. We are also trying to pull together a women's team to participate in Chicago June 18 & 19.

The individuals of the Minnesota Dragonboat Team would like to thank the MCA for their continuing support. Each person has promised to purchase and bring at least 2 MCA T-Shirts to Asia for wearing as casual uniforms. T-shirts are often traded with other teams around the world.

We all find it very hard to contain our enthusiasm for the trip and the adventure. A report on the races will appear in **HUT!** upon our return. The team leaves June 14th with races ending on June 21st. Between perfecting the art of eating with chopsticks, working, saving money, and training, the team members have their hands full.

The MCA **HUT!** magazine was the vehicle from which we all discovered this opportunity. We are indebted to the MCA for more than one reason.

The trip cost is $1,700 per person. Call for information to the coordinator, Sue Smith in Burlington, Iowa (319) 752-4142. For information regarding the races in Chicago, contact Karyn McAndrew at (612) 774-5150 (h) or (612) 227-9842 (w).--**Karyn McAndrew**

**NEWSLETTER RECOMMENDED**

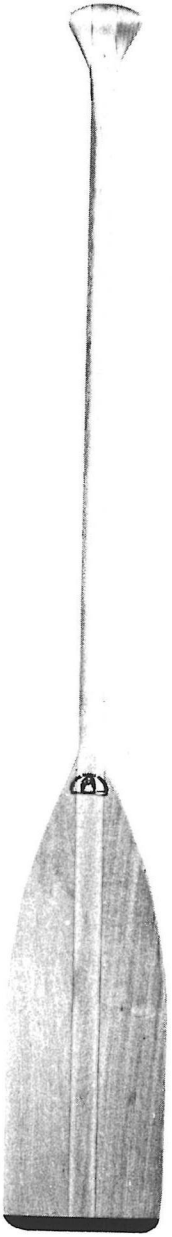
I've recently become a subscriber to an interesting quarterly; Che-Mun, "The International Newletter for Canadian Wilderness Enthusiasts." Che-Mun was founded a number of years ago by Nick Nickels, the man who has cataloged canoe routes in Canada from coast to coast. Michael Peak is the current publisher.

Contents include trip reports, legislative issues, workshop information, book reviews and newsworthy notes. One year is $10.00 U.S. funds. Che-Mun, Box 548, Station "O" Toronto, Ontario, Canada M4A 2P1.--**Bill Simpson**

# HAVE WE GOT A TIP FOR YOU!

The 'Scout' from Grey Owl offers an economical alternative to expensive high quality wooden canoe paddles. Made with the same detail and care as its more expensive rivals, this paddle boasts such features as a 7" performance designed blade, oval shaft and contoured hand fitting grip. It is balanced and light-weight with an all bass wood construction and a tip cast from urethane plastic that won't break, chip or wear from pushing off rocks or poleing on river bottoms.

Found at better canoe shops for under $20.00.



*For more information write:*

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**OVER THE LIMB.....**

I never thought there could be an easier way, the limb lays invitingly overhead ready to receive the bear bag line. It's dinner time and your camp is set for nite, but for the bear bag rig . The wood is ready for the fire, tent set, kitchen laid with care.. ready...throw! DAMN-GOLLY@#*!!!, just like last nite, two feet short, left 3 feet. Seven tries later the rope takes a hooking right curve Gladden would be proud of and twines neatly around the trunk of the birch. Your arm is now so sore from the efforts you'll have to drink your tea lefthanded.

If this sounds like your last trip to the BWCA, take heart. Line throwing is, like pitching, an art and science. The classic bear rigging job I ever saw was in Lyell Canyon of Yosemite (also known as the bear highway of the Sierras) where an early day Rambo has used a pistol crossbow to create an aerial tripod 20 feet off the ground and 20 to 30 between three trees with line so taut (stretched by pulleys and Jumars) that Pat Amment could have tightroped the rig. Others I've seen used their spin-casting poles to reach impossible heights patiently tying leader to light line to bear rope. My father was a skilled practitioner at throwing a rope, learned from many years as a telephone lineman, and won many at placement accuracy competitions where handline throwing was a part of "company" picnics. I never realized his skill till my brother and I took Dad along up the headwaters of the Green River in Wyoming (canoeing to base camp, of course!) on an attempt to climb the N.W. face of Squaretop Mountain. The moose and elk were rutting and river was adorned with bear scat. We were tired from a 12 hour day of fighting ill-fitting crampons, verglass on the rock, and a horrible approach/retreat climb through deadfall. Dad spent the day fly fishing. Dinner was sullen at best, and when we dragged the climbing rope to the trees for the bear rig, neither of us could muster a decent throw. Dad took charge, coil-hanking the line and threading rope from tree to tree, pulling it back down (to our horror) to further demonstrate his proficiency. We learned well...

Now the easy part.. Rescue throw bags evolved in the early 70's for major whitewater expeditions. The principle is simple! A rope randomly stuffed into a small bag provided the same delivery weight for throwing as a coil-hanked line, without the potential of twisted half hitches occurring unexpectedly in the throwing bundle. Further, the package needn't be twirled like hanked line before the throw, but thrown directly like a football with short range Kramer/Wilson accuracy. Rescue bags come in two flavors, 65+ feet big river bags and 30+ feet "baby" bags. The latter is the solution for the canoe tripper, not only for delicately threading the birch for bear-proofing, but a handy way to keep your bow painter from tangling with the terrain and paddles, or tossing a snub line when lining rapids.

Throw bags have kernmantle, floating, low stretch nylon line (10-11mm, big bags, 7-9mm small bags) similar to mountaineering rope, but better suited to the purpose. A sturdy nylon stuff bag with internal flotation holds the rope, and for lifesaving uses, commercial bags are not too expensive. With a minimum of effort you can build your own throw bag that will well suit your camping needs. Get 30-35 feet of 7mm kernmantle (woven jacket) nylon nountaineering cord. Don't use soft cotton or laid manilla rope. a small, coated packcloth ditty bag with a round or square bottom and a drawstring closure that just holds your stuffed rope will suffice. (Don't use flat sewn dittys nor those made of ultra-light nylon). Punch a very small hole in the bottom to just pass your rope size, tie a figure-8 knot on the rope end inside the bottom before it passes through and a

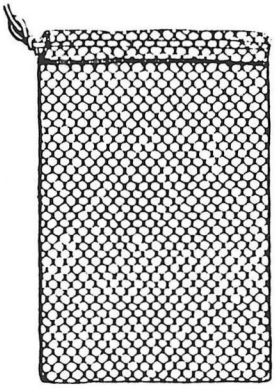
small bowline on the outside. Stuff your remaining rope into the bag randomly with no coils. The rope when thrown, comes out like a snake. (No, Virginia, snakes do not coil, they lay in hanks on themselves!) The drawstring closes the package and you're ready to travel.

Now, venture to your backyard, open the drawstring slightly, wrap the loose end around your palm and grasp the bag like a softball. Now, aim at a clear 35 foot open space and try an underhand throw. With little effort, you'll send the bag to the complete end of the rope. Remember...35 feet is a long way and you may shoot over your neighbors fence into his flowers if you're not careful! Now try threading trees using a football overhand type throw. A final precaution....the only drawback to this system is that the rope should not be dragged backward over limbs as the bag itself may impale on broken branches, etc. Shake the bag on over and pull down from the bag end. In practice you'll tie your second rope on to the tail and pull it into position, then use the throw line over a second limb to complete your rig.

Yes, you not only have a neat throw line/painter to add to your tripping gear, but you also have a potential rescue bag. Please don't try to use it as such unless you've been trained in all the events that need to take place before and immediately after the throw. Take a Rapids Riders, or other qualified training class under river conditions.

Happy Rigging--**Mickey McBride**


# ~ LITE-ANCHOR. ~



*Anyone who has tried tying a rope to a rock to use for an anchor knows how frustrating it can be ! LITE-ANCHOR is a super strong, rot resistant nylon mesh bag that combined with 20 ft of parachute cord, (included) weighs under 2 ozs. It's not only light, but small enough to roll up and tuck in your shirt pocket, yet will easily hold 7 lbs. of rock up to 4 in. dia.*

*LITE-ANCHOR comes in BLUE, RED, YELLOW, or GREEN. State preference.*

**$5.99** + 65¢ Postage & Handling
(Minnesota residents add 6% tax)

*Send check or Money Order to :*

*OTTER CANOES & Accessories*
*P.O. Box 206*
*Farmington, MN 55024*

*(Actual size is 9" x 14")*

*"Weighs LESS than 2 ozs!!"*

*Dealer inquiries welcome*

*"If not completely satisified, return within 30 days for full refund."*



A couple years back, I shared with you "secrets" of making and maintaining a rainy day campfire, ala the use of knife, saw.....and "hand axe." My recommendations came under "fire," mainly by would-be paddlers whose view of "wilderness" is limited to the predictable microcosm of their armchairs.

Now, after two annums of reflection, I'm ready to eat crow. Admittedly, I've learned that you can indeed get by without a hand axe. That is, if you have a BIGGER axe, or better yet, a compact splitting maul. A "slight" maul outshines them all, and it's compact enough to fit into the smallest pack.

It began last October when friend Darrell Foss and I agreed to take our annual solo canoe trip into the BWCA. Mid-October Boundary Waters trips are invariably characterised by icy rain or infrequent snow. Night time temps are in the 20's, while 40 degrees is frequently the daily high. And nights come early: By 6 p.m. it is gently gray. Another hour and it's coal dark. Without a fire, the blackness of night drags to eternity. Moreover, the ground is usually drenched from the autumn rains, in final preparation for the snows of winter. And as is typical of the BWCA in any weather, good firewood is hard to find. Starting and maintaining a bright, hot campfire at this time of year goes beyond the warmth of dreamy nights: It is a matter of "light" survival, or rather "right" survival, for only a fool or incompetent would prefer the sterile hiss of a Peak 1 stove to the sanity of warmth of an open fire.

The folding saw you need for cutting: the hand axe is for splitting round log chunks to kindling and beyond. Keep the cut logs short and the way goes easy, though my three-handed method necessarily requires the help of a friend with a "hammer" log. It was with these thoughts that Darrell proposed to forgo my hatchet for his "hand maul." An interesting instrument, this. It's a genuine Eastwing tool with the size of a hand axe, but the power of a heavy felling axe. Weight? four pounds. Couple that with the hefty wedge shape and there's no binding, not in the dampest of logs. What's more important, one person can wield it alone, with no danger of cut toes.

Once in the canoe country, we put the maul to work. We found we could neatly split twelve inch diameter logs, usually with a single blow. Why, we could produce a shedful of splittings in minutes. And lucky, too. For on that late October trip, it rained and rained and never stopped. Throughout it all, we remained fire warm and dry under our generous rainfly. all thanks to "the maul".

Now, you might ask, will the mini-maul replace my traditional Eastwing hatchet? Yes, in autumn, when the maul has the edge. Summer, though is a different story. Here, the short axe works well enough during the few times it is called upon. It is much lighter, too, another factor in its favor.

So, my friends, I am once again forced to eat crow. I will no longer carry my hatchet in mid-October!

And while we're on the subject of cutting tools, may I recommend another old favorite--the sheath knife. For many years, I disdained this tool, prefering instead the rigid lockback knives like my old Puma. But then one day, after re-reading Bill Mason's wonderful book, "PATH OF THE PADDLE," and his recommendations of fixed blades,

I decided to re-live the days of my youth and again carry a thin-bladed sheath knife. And what a revelation. The 4-1/2 inch long flat-ground blade of my Gerber Shorty proved superior over the Puma on all occasions. The Gerber was grand for slicing onions, for dipping deep into the peanut butter jar (poly, of course), for filleting fish... and for the myriad jobs that are required of a good camp knife.

As to opening cans, popping bottle caps and boring holes through leather, the Gerber doesn't cut it. That's why I always carry a small "possibles sack," which includes made-for-the-job tools that do.

Maintaining your edged tool: At the top of the list is a "good" sheath. And none of the store bought models--least alone those which are furnished with the tool--qualify. Factory sheaths are almost always flimsy, badly reinforced, and stupidly designed. You'll have to make your own. First stop, Tandy Leather Company. Get as thick a leather as you can find. A full one-eighth inch is about right. Don't worry that it is stiff and difficult to handle. Also, get enough heavy brass leather rivets (the two-piece hammer driven type) to secure your project.

First step is to make a paper, or better, corrugated cardboard pattern. Be sure to allow ample allowance for the rivets. Next, soak the leather in water for a few minutes until it is pliable, then cut out the pattern with an X-acto knife.

Now, form the leather around the knife, working the hilt area with your thumb. The leather will mold easily to the handle shape. Next step is to cut a quarter inch wide strip of leather as an "edge guard"--this prevents the knife blade from cutting into the rivets.

Allow the sheath to dry for an hour, then glue the pieces together with contact cement. Then, rivet everything together. Or....take your handiwork to a nearby shoemaker. He'll sew it for you on his heavy machine. Takes about a minute and costs about three bucks.

When you return home, wet down the sheath again, grease up the knife (so it won't rust) and re-form the wet leather, allowing the knife to remain sheathed overnight. Next day, apply several coats of shoe polish for that custom look. Do not use shoe greases; they'll soften the leather.

Same procedure for making the axe or maul sheath. Two pieces of rectangular (slab) leather with an edge guard and nylon security strap/buckle works fine.

Sharpening: Use a flat mill file on the axe, filing into the blade. Finish up with a genuine oil stone. For speed, use a circular stroke with the stone. If you want a finer edge, stone into the blade, like you would with a knife.

I carry two stones on my canoe trips: a compact "diamond" stone (water lubricated) for a fast, rough edge, and a medium-fine pure Arkansas stone. I also bring honing oil and a small strip of leather belt that's been impregnated with jeweler's rouge. You don't need all this for a deadly woods edge, but remember, I'm a knife freak--an afficionado of razor-keen tools.

Each day, I strop my tools on leather. They are sharpened on the Arkansas stone at least once a week. My favorite knife, a custom Ruana with 4-inch blade, never sees the diamond stone. A "hard" Arkansas slip stone is enough to keep its razor edge sharper than sharp.

Here's wishing you fair winds, bug-free days, and an efficient edge on the unkind moods of nature.--**Cliff Jacobson**

**EFFICIENT PADDLING CLASS AT CANOE U**

The MCA is sponsoring an Efficient Paddling class as part of the St. Croix Canoe Weekend at St. Croix State Park, May 20, 21 and 22. This course will be taught concurrently, using different instructors, with the whitewater class. Cost will be the same as last year, $25.00, and will include most meals, entertainment, use of the camp, etc. You will still need a State Park Annual Permit. This course will prove useful to all canoeists, whether you're interested in racing or would like to improve your cruising skills. Efficient Paddling was pioneered in Minnesota and has always been an important component on the MCA curriculum. Both instructors and students are needed.

Space is limited, so register early. You could send the MCA class registration form, on the blue insert, (not the one on the facing page) along with $25.00, to Bill Simpson, Box 72, Marine on St. Croix, MN. 55047, or call Bill at (612) 433-3451 for more information.

**--Bill Simpson, Education and Safety Director**

**EFFICIENT PADDLING/IMMERSION AND RESCUE CLASS**

We have developed a new, two part, MCA course for this Spring entitled "Efficient Paddling/Immersion and Rescue."

Approximately half the time will be spent on perfecting efficient paddling techniques and the remainder will be devoted to developing our skills in water rescue techniques and boat retrieval. Instruction will be provided by the MCA Membership and Rapids Riders activists.

Dates: Tuesdays, May 3, 10 and 17, 1988
Place: Wilder Forest, 8 miles north of Stillwater, MN
Time: 6:00 to 9:00 p.m.
Cost: $15.00 - payable to Wilder Forest

USE REGISTRATION FORM ON FACING PAGE!!

EFFICIENT PADDLING/IMMERSION AND RESCUE COURSE DESCRIPTION

Week I: Basics on the water, including the stroke, entering and leaving the canoe, timing and syncopation, reach, catch and recovery, grip and much more...

The second half will include immersion/re-entry and rescue techniques... with classroom discussion to follow.

Week II: More basics including stern paddling, refining the stroke, turning techniques. In the second half there will be more immersion/ reentry, safety rope drill, again with complete classroom discussion to follow.

Week III: Back paddling, shorelines, racing tips and techniques. In the second half people and equipment rescues using Z-Drags and low tech rescue techniques that work! Followed by a complete classroom session.

WHAT TO BRING: Warm, dry clothes, swimsuit, wet suit, or suitable swim wear. Your efficient canoe, PFD's, bent shaft paddles, and the desire to learn.

WHERE: Wilder Forest, 14189 Ostland Trail North, Marine-on-St. Croix, MN. 55047. For more information call Bonnie Roemhildt at 433-5198.

**--Bill Simpson, Education and Safety Director**

**WILDER FOREST/MCA CLASS REGISTRATION FORM**
(USE ONLY FOR WILDER FOREST CLASS REGISTRATION)

All information is confidential, for instructors use only.
Name _____ Age____ Sex____
Address _____ City/State/Zip _____
Phone _____(home) _____(work)
Emergency contact: Name _____ Phone _____
All boats must be currently licensed and be equipped with the proper number of PFD's!!

Course cost: $15.00. Make checks payable to: Wilder Forest

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**

I understand that Wilder Forest, the MCA and affiliated chapters always strive to make my 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 Wilder Forest; 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 or from Wilder Forest/MCA events, and while participating in any Wilder Forest/MCA class.

Signature _____ Date _____

**BUILDERS CORNER--IN SEARCH OF THE PERFECT STRONGBACK**

The boat builders of antiquity didn't need a strongback. Their boats were carved out of a single log. As boats got bigger, they developed ways of fastening three logs together with trunnels and hewed a boat of these. As boats became ships, it was necessary to go to five logs, then seven.

Ships were built this way for a thousand years, maybe even fifteen hundred. Eventually, all the Cedar was logged off the hills of Lebanon and a new system had to evolve.

In the early years of the Roman Empire, frame and plank constructions evolved. The system that developed was used to build larger and larger ships until the advent of the steel hull.

These plank and frame builders still started with a log, only now they moved it to the building sight, blocked it up and squared it off. This became the strongback. Frames, step and transom were attached to this timber. They called this piece the keel.

The early builders built their frames plenty big, then faired them down to fit the planking. They were still wood sculptures.

Lofting evolved in the eighteenth and nineteenth century. This was necessary so larger ships could be built. Some of this skill trickled down to small craft builders and suddenly frames could be made nearly to shape before assembly.

About the time small craft builders learned to loft, their vessels got much lighter, and some builders started building boats bottom side up. Now we have covered four thousand years rather quickly, what next?

Most upside down builders fastened their frames directly to the shop floor. Builders of duckers, canoes, etc. raised the floor to bring the work up to a comfortable height; thus, the building table.

The table idea evolved into a ladder type strongback. Many builders today still use a ladder of table to build boats. I feel that it is over-kill for canoes. See Fig. 1. Much more material is required to produce the forms. This system works, but I don't recommend it for a builder planning a boat or two.

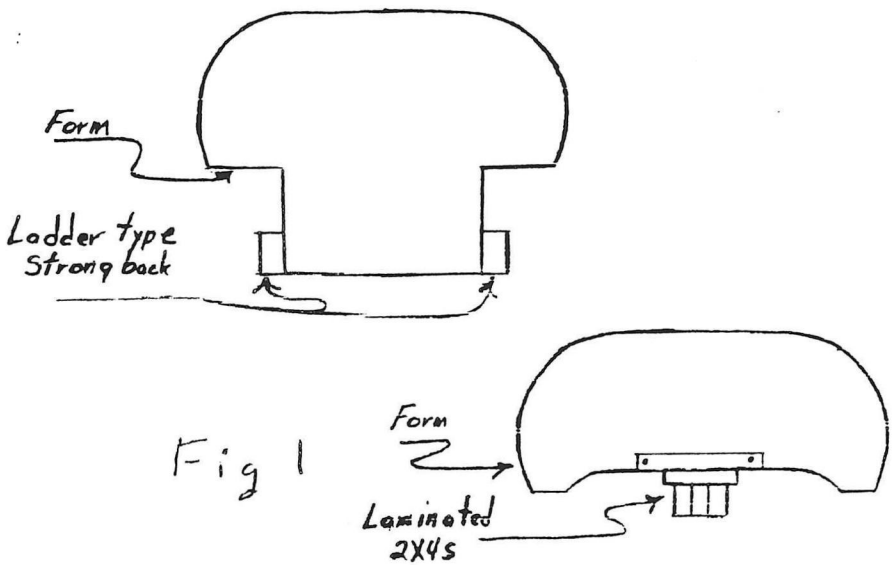



Fig 1

In the fall of '86, I visited David Yost at his home in Lavonia, N.Y. He showed me his strongback. It was welded up out of 3" angle iron. It had everything a strongback needed, see Fig. 2. The strongback had a nice flat top and the cross pieces could be slid about and fastened anywhere. I was impressed.

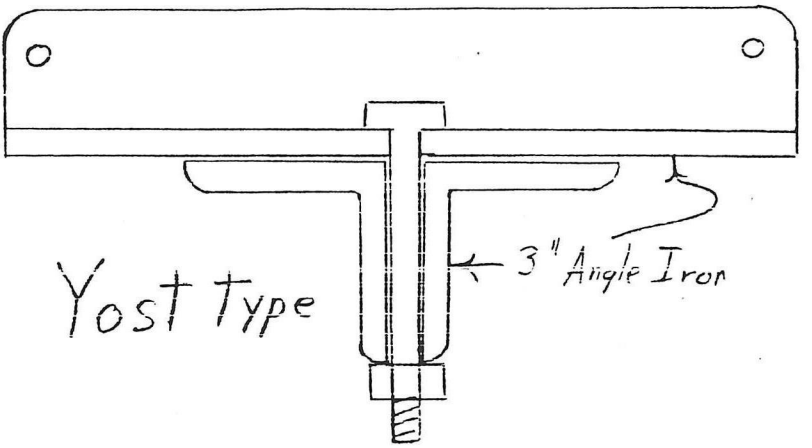



Fig 2

"How many boats have you built on this?," I asked. "Don't really know, forty, fifty, I guess," he answered.

As a first time builder, you are probably thinking three or four, you may even be so naive that you think you can build just one canoe. Dave's great strongback is probably over-kill for you.

Let's take a look at what a strongback must do:

No. 1. It must be stiff enough to support the frames in a stable condition during the early stages of planking (the strips will support themselves later).

No. 2. It must be reasonably cheap. This means both in dollars and time. Remember, the price can be pro-rated for one boat or five or fifty.

No. 3. It should be something that you can put together with your skills and tools.

No. 4. It should be portable. You may well wish to store it somewhere between boats. You may even need to move your project around during construction.

No. 5. It should be freestanding. I don't like to see strongbacks setting on sawhorses, it's really not necessary.

After studying the MCA Manual, I didn't care for the strongback that I showed, so I developed my own. My original strongback was laminated of 2x4's, it has worked out well and evolved slightly into the one shown in Fig. 4. (Facing page.) Fig. 3 is an end view of the same strongback.

This strongback is self-supporting, and with the addition of wheels on one leg, very portable.

Built of 2x4's, it is strong enough to build boats up to 20 feet, yet much lighter than some that I've seen. Use 2x6's for boats over 20 feet.

BUILDING--CONTINUED ON FOLLOWING PAGE

Notice on the drawing the 2x2 crosspieces. We have learned that it's best to attach them directly to the strongback with lag screws. When we attach the forms to them, we have oversized holes in both the 2x2 and the form. Aligning the forms becomes very easy, as no shimming is required.

Another detail on Fig. 4 is the plywood clamps. These are attached to either end and used to hold the end pieces.

These are made of 1/2" plywood ripped into peices about as wide as your 2x4. The short piece shown is nailed to the longer one and a pair of these is bolted to the 2x4 extenders.

These plywood plates should leave just enough room for the end pieces. When the end pieces are installed, they can be held in place with a small "C" clamp. This system allows much for and aft or up and down adjustment, very handy when it comes time to fair things up.

When you bolt this strongback together, try to get the soket for the legs about one-fourth the distance from the ends. By positioning the spacer, you should be able to build a real snug socket for the leg.

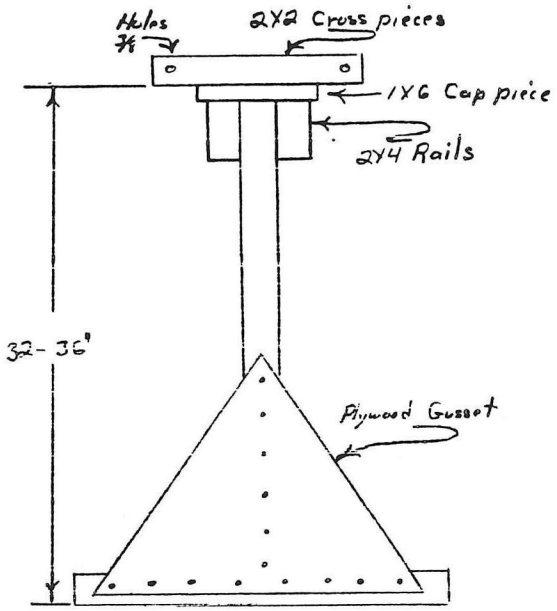
A 1x6 cap piece is installed on top of the 2x4 assembly. This piece can be shimmed up to get a nice flat surface. The ends may need to be tapered to fit inside the forms.

A chalk line should be snapped down the center of the 1x6. A more permanent mark may be achieved by stretching a line end to end, then spray painting lightly over this string.

The 2x2 cross pieces are installed perpendicular to the strongback in such a way that the forms end up on station. They are lag-screwed permanently in this position.

Try to get well-seasoned straight lumber (that's like trying to find 18' ash). Use any bends in the rails to pull against each other, the strongback should be close to straight. The chalkline takes care of the difference.

Built quickly from lumber yard products for a minimum expense. Perfect? Maybe not, but it will surely build your first ten to twelve canoes while you think about a better one.--**Bob Brown**




End View

Fig 3

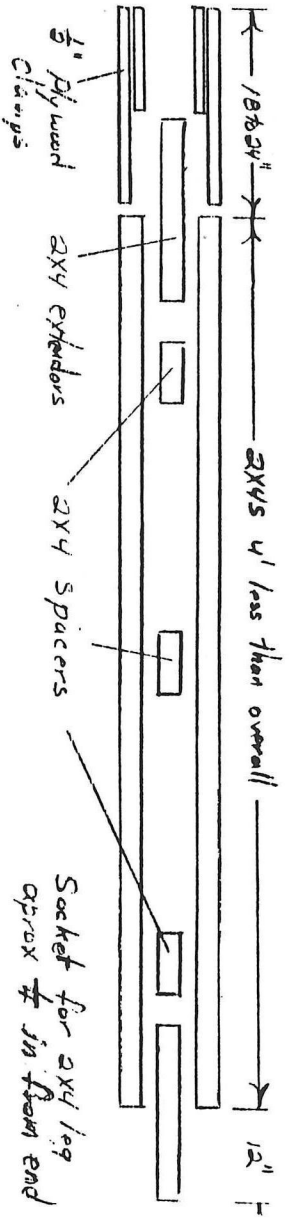
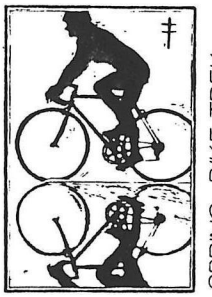



Fig 4


GREAT RIVER RIDE



SPRING BIKE TREK

Combine a cruise on a riverboat, biking scenic river bluffs and a ticket home by train and you have this spring's weekend vacation alternative —THE GREAT RIVER RIDE Bike Trek.

The American Lung Association of Hennepin County has carefully planned a weekend adventure June 3, 4 and 5, 1988 that will take you on a winding tour from the Twin Cities to Winona by boat, bike and train.

Enjoy touring quaint communites and historic landmarks, shop antique stores or have lunch at a water front cafe. You choose from a 40 or 70 mile route each day and decide the sightseeing stops you will take along the way.

This trek is designed for people, novice and expert alike, who simply enjoy bicycling and the great outdoors. The American Lung Association of Hennepin County has made all of the arrangements for breakfast, dinners, overnight camping, sag wagon, maps, medical and mechanical support and plenty of activities.

The out-of-pocket cost to you is only $25. The Great River Ride is a pledge-based trek and offers an outstanding incentive package to help you reach your goal.

Be selfish this spring. Let yourself unwind . . . down the Mississippi.

**CALL 871-7332**

## MCA FLATWATER CRUISE RATING SYSTEM

| Cruise Class | Distance (miles) | Stroke Rate/ mph over current speed | May contain special difficulty (limitations & inclusions) |
|---|---|---|---|
| A | 0-10 | minimum paddling/ at current speed | always on river<br>always downstream |
| B | 5-20 | slow to easy | downstream or lake<br>only very mild rapids<br>no sweepers |
| C | 10-25 | moderate speed/ 3-4 mph above cs | only small amounts of upstream<br>mild rapids/sweepers |
| D | 10-50 | fast cruise/ 4-5.5 mph above cs | all of the above/some upstream<br>maneuvering required |
| E | any distance & over 50 miles | racer pace/ 5 mph+ above cs | all of the above/<br>increased upstream |

## INTERNATIONAL SCALE OF RIVER DIFFICULTY
## (USE FOR RATING MCA WHITEWATER CRUISES)

Class I-VERY EASY
1. Waves small and regular
2. Passages clear
3. Sandbanks, artificial difficulties like bridge piers
4. Riffles

Class II-EASY
1. Rapids of medium difficulty
2. Passages clear and wide
3. Low ledges

Class III-MEDIUM
1. Waves Numerous, high and irregular
2. Rocks and eddies
3. Rapids and passages that are clear though narrow, requiring expertise in maneuvering.
4. MAY REQUIRE SCOUTING FROM SHORE

Class IV-DIFFICULT
1. Long rapids
2. Waves powerful, irregular
3. Dangerous rocks
4. Boiling eddies
5. Passages difficult to scout
6. Reconnoitering mandatory the first time
7. Powerful and precise maneuvering required

Class V-VERY DIFFICULT
1. Extremely long difficult, and very violent rapids following each other almost without interruption
2. River bed extremely obstructed
3. Big drops, violent current, very steep gradient
4. Scouting essential, but difficult

Class VI-EXTRAORDINARILY DIFFICULT
1. Difficulties of Grade V carried to extremes of navigability
2. Almost impossible and very dangerous
3. For EXPERTS only, at favorable water levels and after close study with all precautions taken
4. ALMOST ANY CLASS V BECOMES CLASS VI AT HIGH WATER LEVELS

# CALENDAR OF EVENTS

**********

ATTENTION!!!! ALL CRUISES MUST HAVE AN MCA RATING FOR QUIETWATER OR INTERNATIONAL SCALE OF RIVERS RATING FOR WHITEWATER TO BE PUBLISHED IN **HUT!** SEE RATING SCHEDULE ON FACING PAGE.
THIS IS MANDATORY! CRUISES SUBMITTED FOR PUBLICATION WITHOUT A RATING WILL **NOT** BE PUBLISHED! THIS INCLUDES CHAPTER NEWS.

**********

**MAY**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
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| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

3 TUE — MCA/WILDER FOREST EFFICIENT PADDLING/IMMERSION AND RESCUE COURSE. First session of three. Details on page 16.

4 WED — MCA BOARD MEETING. 7:30 p.m. Bob Brown's 12936 Galaxie Avenue, Apple Valley, (612) 432-7557.

6, 7, 8 — Namekagon Inn to Inn. Class B. See Twin Ports Chapter News.

8 SUN — RAPIDS RIDERS WHITEWATER CRUISE ON THE KETTLE. Gary Nagel, (612) 487-2079.

10 TUE — MCA/WILDER FOREST EFFICIENT PADDLING/IMMERSION AND RESCUE COURSE. Second session of three. Details on page 16.

14, 15 — FLAMBEAU RIVER CRUISE. Class I-II whitewater. See Twin Ports Chapter News.

14-15 — UMD KAYAK AND CANOE INSTITUTE--RIVER RESCUE CLINIC. Learn rescue techniques from the foremost authority: Les Bechdel. (218) 726-7170 (9 a.m.-3 p.m.)

17 TUE — MCA/WILDER FOREST EFFICIENT PADDLING/IMMERSION AND RESCUE COURSE. Third session of three. Details on page 16.

17 TUE — SPRING SOLO NIGHT. Rain date May 18. Lake Nokomis from 5:00 p.m. 'til dark. Bring a picnic supper and a change of clothes (in case you get wet). There will be many different solo canoes there for you to try, providing that the owners of the solo canoes bring their canoes to share. Contact Bob Brown (612) 432-7557. Class A.

19 THUR — TWIN PORTS CHAPTER GENERAL MEMBERSHIP MEETING. See Twin Ports Chapter News.

21-22 — VERMILLION (rafting) CRUISE. Class III-IV whitewater. See Unisys Chapter News

21 SAT — ST. LOUIS RIVER CRUISE. Class I-II whitewater. See Twin Ports Chapter News.

CALENDAR--CONTINUED ON FOLLOWING PAGE

CALENDAR--CONTINUED FROM PREVIOUS PAGE

22 SUN — ST. CROIX RIVER CRUISE. Class B. See Twin Ports Chapter News.

23-June 1 — UMD KAYAK AND CANOE INSTITUTE. Kayak and Paddle Rafting the Southeastern U.S. Paddle rivers such as the Chattooga, Ocoee, French Broad, Nantahalla, and Nolichucky. $275. (218) 726-7170 (9 a.m.-3 p.m.)

23-June 1 — UMD Kayak and Canoe Institute. Canoeing Georgia's Okefenokee Swamp. Paddle and explore this unique and interesting area. (218) 726-7170 (9am-3pm). Tim Bates. Class C.

28-30 — YELLOW RIVER CRUISE. Class B. See Twin Ports Chapter News.

28-31 — RAPIDS RIDERS WHITEWATER CRUISE ON THE VERMILLION. Class II-III whitewater. Gary Nagel, (612) 487-2079

**JUNE**

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| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | | |

1 WED — MCA BOARD MEETING. Location to be determined at May Board meeting.

2 THUR — START OF HOIGAARD'S ANNUAL CANOE DERBY. See Racing Chapter News.

2-5 — BOUNDARY WATERS TRIP. Class B. See Twin Ports Chapter News.

3-14 — NORTHERN MANITOBA, EAST REINDEER LAKE. Class B. 4-6 people. Share costs, some equipment available. Bob McCoubrie (612) 423-2327.

3-5 — NORTH COUNTRY CANOE WEEKEND. Twin Ports Chapter. Lake Nabagamon, WI. Details on GREEN insert.

4 — MISSISSIPPI CRUISE. Class A. See Unisys Chapter News.

4-18 — UMD KAYAK AND CANOE INSTITUTE--MISSINAIBI RIVER EXPEDITION. Paddle the free-flowing Missinaibi River to James Bay. Basic whitewater skills necessary. $585 includes all but personal equipment. (218) 726-7170 (9 a.m.-3 p.m.)

11-12 — FLAMBEAU RIVER WITH ONE OVERNIGHT CAMP. Class B pace, Class I and II Whitewater. John Murphy (612) 431-5569.

11-12 — UPPER IOWA CRUISE. Class A. See Unisys Chapter News.

11 SAT — GRANDMA'S GETAWAY CRUISE. Class I-II whitewater. See Twin Ports Chapter News.

13-14 — RIVER CONFERENCE. Camp St. Croix, near Hudson, WI. Sigurd Olson Environmental Institute. More details on page 40.

# Fourth Annual

# North Country Canoe Weekend



## June 3, 4, and 5, 1988

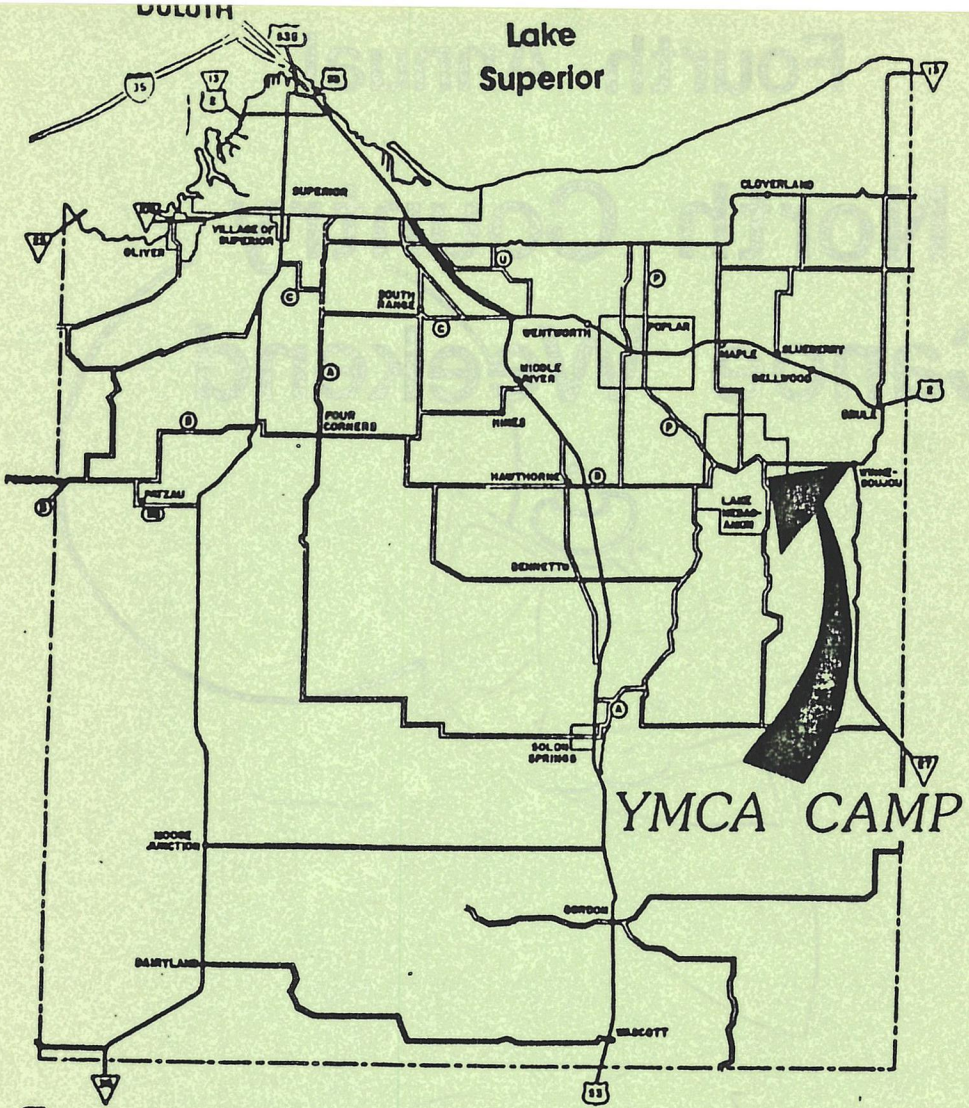
## Lake Nebagamon, WI.

hosted by:

Twin Ports Chapter

MINNESOTA CANOE ASSOCIATION, INC.

outdoor program
Kirby Student Center, UMD




# Location:

The base site for the weekend will be the Superior/Douglas County YMCA Camp on Lake Nebagamon which is about 30 miles southeast of Duluth. The camp is situated on 80 acres with 2,000 feet of lake frontage. The camp has a dining/meeting hall, seven unheated bunkhouses which will sleep seventy-five people, and ample space for tent camping if preferred.

# CANOE U ... a.k.a. Saint Croix Canoe Weekend

## THE EVENT

On May 20th, 21st and 22nd the Rapids Riders once again invite you to join them for a great time paddlin', feastin', & dancin'.

For those of you who haven't heard, here's the lowdown. The Rapids Riders put on one of the best volunteer organized whitewater classes on either side of the Mississippi (sorry, this class is filled and underway by now). As part of this class, they use the Head of the Rapids Group Camp at Saint Croix State Park for one weekend of instruction. They found that they had room to spare, and decided to invite other MCAers to come on by.

The additional activities include: a variety of cruises, efficient paddling instruction, a pig roast feast, some pickin'-an'-grinin', and a fantastic time. This is also a great opportunity for the non-paddling segment of your family to come up and enjoy the park and planned activities.

## THE PLACE

The group camp is a quaint assembly of rustic log structures built in the 1930's and set in one of the most scenic areas of the park. Sleeping accommodations are 6-8 person cabins with bunks, or if you prefer, you can tent camp on the grounds. Meals are served in the dining hall.

## THE FEAST & ENTERTAINMENT

Besides all of the great canoeing, on Saturday night there is an all-you-can-eat...honest-to-goodness pig roast. Plus an evening of "old tyme" tunes and square dance calling by The Eclectic Brothers. They play a mixed bag of tunes that range from Glen Miller to Django Reinhardt to the Stanley Brothers and any other fiddle or ragtime tune that gets in their way. So shine up your dancin' boots for do-se-doe-in', or just settle in for some good listenin'.

## REGISTRATION

Registration and payment must be received by May 13th. Everyone coming must complete the official MCA CLASS REGISTRATION FORM found elsewhere in the HUT. If you need more forms for your family members, please make copies. Indicate if you have a partner and/or boat so we can attempt to team you up if you are lacking either.

The Efficient Paddling Class will be limited to about 25 people. You should complete a class registration form and send it to Bill Simpson at, Box 72, Marine on the St.Croix, MN 55047. Phone; 612/433-3451.

Cruisers will be limited to about 30 people, and should send their registrations to Greg Johnson at, 1083 Sixth Street SW, New Brighton, MN 55112. Phone; 612/636-4956. Please indicate which cruise you want to take in the Class Title area and your partner/boat situation.

## EFFICIENT PADDLING

Saturday is instruction day. This class session has something to offer most anyone from beginners to seasoned paddlers who think that J-strokes and ruddering are the only way to control a canoe's direction.

PLEASE TURN THE PAGE...

...CANOE U CONTINUED

Switch paddling techniques will be the main emphasis. Other topics include safety, boat trim, paddle selection, and boat control. By the time you get back for the pig roast, you will be amazed at how effortlessly you can move your canoe across the water. On Sunday you will receive some additional coaching during a cruise down the St.Croix.

Cost for this section is $25 which includes: lodging on Friday and Saturday night, breakfasts, and the pig roast dinner and entertainment on Saturday night. You will need to arrive either Friday night between 7 and 10 PM or Saturday morning by 8 AM.

## CRUISING

This year there will also be organized cruises on Saturday. The options will include whitewater on Saturday on the Banning section of the Kettle, and a quietwater cruise on the St Croix, speed and skill level to be determined by the participants. The Sunday cruising schedule will include a slow float on the St.Croix, a fast trip with the Efficient Paddling graduates, and a Class I-II whitewater trip on the lower Kettle.

If you plan to arrive after breakfast Saturday morning, the cost is $15 per person. If you want to come up on Friday evening the cost will be $20 which also includes Saturday breakfast and the extra night of lodging. Children under 12 are $10 and $15 respectively. In addition to the pig roast and music, all cruisers will get Saturday lodging, and breakfast on Sunday. The above also applies for non-paddling attendees.

If you are paddling on Saturday, and arriving Saturday morning, you should be at the camp no later then 9:00 AM. If you aren't cruising on Saturday you can come up anytime and enjoy the park. However, you should be up there no later then 5 PM so you can get settled before dinner.

## OTHER ITEMS

Efficient Paddlers and Cruisers will need to bring: a sleeping bag, and any other personal items that you normally take camping. You will also need to bring lunches and drinking water containers to take in your canoe, additional snacks and beverages for camp, sunscreen, and BUG DOPE!!! Any canoe will do, but Efficient Paddlers and Quiet Water Cruisers should consider sleek hulls like Wenonah, Sawyer, etc. All canoes and kayaks will be required to have one PFD/person and a current registration.

## GETTING THERE

St. Croix State Park is easy to get to, but don't confuse it with Wild River or Interstate parks. Take I-35 to the Hinkley/Hwy 48 exit and head east about 20 miles to the park entrance. Once inside the park you will need to check in at the Park Manager's Office. You will need either a daily or annual vehicle permit. The folks in the office can then direct you to the Head of the Rapids Group Camp. When figuring drive time remember to allow 30 to 45 minutes to get from the park entrance on Hwy 48 to the group camp.

That about covers it. Extra effort is being put into getting some great weather to go with the fantastic time we have planned. Come and meet your fellow paddlers. Have fun... BE THERE!

FOURTH ANNUAL

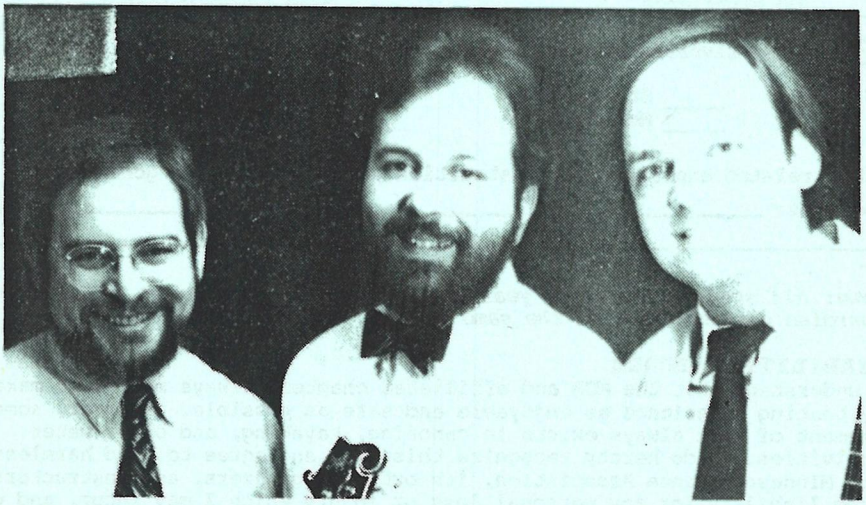
# CANOE U ... a.k.a. Saint Croix Canoe Weekend

## MAY 20 - May 22

THE RAPIDS RIDERS CHAPTER INVITES YOU ALONG FOR A COMPLETE WEEKEND OF PADDLING FUN GREAT TRAINING AND FESTIVITIES...

## FEATURING

◊ EFFICIENT PADDLING CLASS
◊ TRIP LEADING WORKSHOP
◊ PIG ROAST
◊ MUSIC
◊ CRUISES
    FAST-SAINT CROIX
    EASY GOING-SAINT CROIX
    EASY & INTERMEDIATE WHITEWATER-KETTLE
    PLUS ANYWHERE ELSE PEOPLE ARE WILLING TO LEAD OR BE LED



## THE ECLECTIC BROTHERS

BLUEGRASS ◊ OLD TIME PICKIN' ◊ SQUARE DANCIN'

LOOK FOR THE NEXT PAGE OF THIS SAME COLOR FOR COMPLETE DETAILS.
THE OTHER SIDE OF THIS PAGE IS YOUR REGISTRATION FORM.

# MCA CLASS REGISTRATION FORM

All information is confidential, for instructors' use only.

CLASS TITLE _____

CLASS DATES _____

NAME _____ SEX _____ AGE _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE (HOME) _____ (WORK) _____

EMERGENCY CONTACT: NAME _____ PHONE _____

**EQUIPMENT**

Are you supplying your own boat? Yes _____ No _____

Type of boat: Canoe-Tandem _____ Canoe-Solo _____ Kayak _____

If paddling tandem, who is your class partner? _____

*All boats must be currently registered!*

**MEDICAL INFORMATION**

If you have a medical condition, please explain (example: heart condition, diabetes, high blood pressure, epilepsy, acute allergies, etc.). Also note any medication you might be taking. _____

_____

**SKILL LEVEL** Please check the highest level at which you are *competent*.

PADDLING

_____ No experience
_____ Lakes
_____ Easy rivers/moving quietwater
_____ Mild rapids/Class I
_____ Intermediate rapids/Class II
_____ Advanced rapids/Class III

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**

I understand that the MCA and affiliated chapters always strive to make my 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, 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 _____

# Weekend Includes:

-two breakfasts, Saturday & Sunday morning
-Saturday evening meal
-campfire and sing-a-longs
-demo boats will be available for trial
-volleyball, softball, dead fish polo
-workshops below
-plenty of opportunity to paddle on your own, make new friends, and paddle a new canoe

# Workshops:

If you are interested in taking a workshop, please indicate choice below. Workshops will be offered according to interest shown and student ability. An updated program and time table will be sent with registration. Final sign-up will be upon arrival. Spontaneous groups and trips will happen.

-efficient paddling on Lake Nebagamon
-poling instruction
-beginning whitewater
-leisure trips
-beginning kayaking
-lake rescues
-canoe sailing
-flatwater solo
-Montreal canoe
-all day trips
-flat water slalom
-Saturday, River Rescue from 12-4 with Randy Carlson, of the UMD Kayak, Canoe Institute

No childcare will be provided or prearranged this year.

# FOURTH ANNUAL NORTH COUNTRY CANOE WEEKEND

I/We _____ (names) intend to participate in the fourth Annual MCA Canoe Weekend on June 3-5, 1988 at the Superior/Douglas County YMCA Camp in Lake Nabagamon, WI.

Address _____

City/State/Zip _____

Phone _____

I/We would prefer _____ bunkhouse* _____ tent site
*Bunkhouses limited to the first 75 people.
Furnish own sleeping bag.

FEE: under 11 years old--FREE!!, 12-15 years--$6, 16 and over--$30. Total in party _____; ages of each person in party _____

Please send fee, payable to the Twin Ports MCA Chapter to:

Superior Chamber of Commerce
1419 Tower Avenue
Superior, WI 54880

Further information is available from the Superior Chamber of Commerce by calling:
1-800-223-2774 ext 111 (toll free) or
715-394-7716

LIABILITY RELEASE:
The MCA and affiliated chapters always strive to make your boating experience as enjoyable and safe as possible. However, some element of risk always exists in canoeing and other water activities. I do hereby recognize this risk and agree to hold harmless the Minnesota Canoe Association, its outing organizers, YMCA, UMD, 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 outing.

SIGNATURE _____ DATE _____

16 THUR TWIN PORTS CHAPTER GENERAL MEMBERSHIP MEETING. See Twin Ports Chapter News.

18 SAT GOVERNOR'S CRUISE. Class A. St. Croix, Sunrise to Wild River State Park. Good time to be had by all. More information in June **HUT!**.

20-24 UMD KAYAK AND CANOE INSTITUTE--AMERICAN CANOE ASSOCIATION WHITEWATER KAYAKING INSTRUCTOR CERTIFICATION. (218) 726-7170 (9 a.m.-3 p.m.)

25 SAT CLAM RIVER DISCOVERY CRUISE. Class B. See Twin Ports Chapter News.

25-26 ST. CROIX CRUISE. Class A. See Unisys Chapter News.

26 SUN URBAN CANOE ADVENTURE. Class A. See Twin Ports Chapter News.

**JULY**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

9-10 BRULE (kayaking) CRUISE. See Unisys Chapter News.

23-24 ST. CROIX RIVER BETWEEN HIGHWAY 48 AND HIGHWAY 70 with one overnight camp. Class C pace. John Murphy (612) 431-5569.

23-24 LOWER NAMEKAGON CRUISE. Class B. See Unisys Chapter News.

**AUGUST**

| S | M | T | W | T | F | S |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
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| 28 | 29 | 30 | 31 | | | |

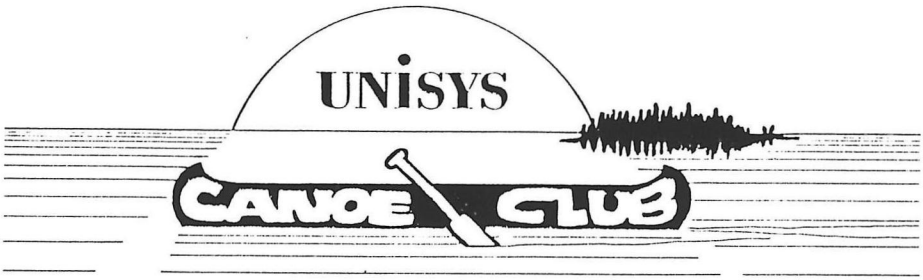
5-7 HIAWATHA VALLEY BIRD COUNT CRUISE. MCA and Audubon Society. Wabasha area on Mississippi and Chippewa rivers. Contact Bob Brown before June 1 for reservations. Class A-B.

13-14 UPPER NAMEKAGON CRUISE. Class B. See Unisys Chapter News.

17-Sept. 5 Northern Manitoba, East Reindeer Lake. Class B. (Dates negotiable) 6 people. Share costs, some equipment available. Bob McCoubrie (612) 423-2327.

27 SAT ST. CROIX RIVER. Class A. Riverside at 8 a.m. to the Highway 48-77 Bridge at about 1:30 p.m. Dan Szymanski. Contact Nancy Haugen at (612) 384-6380 (h) or (612) 384-6591 (w).

28 SUN ST. CROIX RIVER. St. Croix State Park. Class B pace with Class II Rapids. Dan Szymanski. Contact Nancy Haugen at (612) 384-6380 (h) or (612) 384-6591 (w).




**NEWSLETTER OF THE UNISYS CHAPTER**
President, Winnie DauSchmidt, (612)644-6115(h), 696-4378(w).
Vice-President, Roger Gillette, (612)926-7214(h), 635-6197(w).
Treasurer, Bob Breeden, (612)454-2440(h), 456-3252(w).
Secretary, Rick Hartung, (612)420-2743(h), 696-4877(w).

UNISYS CHAPTER INVITES YOU TO TRY RAFTING ON ROUGH WATERS!
MAY 21-22 Vermillion River (3K-4R) Whitewater class III-IV. Saturday and Sunday.

WESTERN WHITEWATER IN MINNESOTA? You bet there is, and we're the only club to raft it! The trip features a boat ride across beautiful Crane Lake, located near the Canadian border, to run the "Gorge" which has 80 foot sheer rock walls and an abundance of standing waves. This is only the warm-up for the next day on the spectacular twenty feet of cascading thunder known as "Table Rock Falls," followed by a mile of sheer delight; roller-coaster-like standing waves. You'll tell stories about this trip for years to come. At night, relax at the DNR campsite on the shores of Echo Lake.

You must be good swimmer and an experienced paddler. Wet suits are advised for warmth. Bring your own raft or rent space in one of ours. space is limited, make your reservation NOW, raft rental is $30 per person. For more information, call Bruce Nye (h) (612) 434-8127 or (w) (612) 635-3114.

JUNE 4 MISSISSIPPI 1C (MCA Class A) Saturday, (Sunday, June 5 is rain date).

Roger Gillette leads us on an enjoyable, close to home, family canoe trip along a different section of the mighty Mississippi River every year.

This year, join us as we canoe along white limestone cliff walls, explore natural caves, enjoy the beauty of the wooded canyon walls, watch the wildlife, go through locks, and browse around a state park island.

We'll pause on one of the numerous sandy beaches to enjoy a leisurely lunch and the warm rays of the sun.

Where do we find all this? Right between the twin towns, from Lake Street Bridge to Harriet Island. For more info call: Roger Gillette W-6235-6197, H-926-7214.

WHAT'S AROUND THE BEND?

Quietwater trips June 11-12 on the UPPER IOWA, (Class A) and June 25-26 on the St. Croix (Class A). Kayaking whitewater on the Brule July 9-10 requires reservations in advance (Whitewater I-II). Watch for more information on these trips in the JUNE **HUT!**.

1988 UNISYS TRIP SCHEDULE (In addition to preceding.)
QUIETWATER:
JULY 23-24 LOWER NAMEKAGON 1C (Class A) BRUCE NYE H-434-8127, W-635-3114
AUGUST 13-14 UPPER NAMEKAGON 1C (Class A) JOE REISCHEL H-776-0861, W-733-3467
SEPTEMBER 24-25 KICKAPOO 1C (Class A) ROGER GILLETTE H-926-7214, W-635-6197

1=BEGINNER, 2=NOVICE, 3=INTERMEDIATE, 4=EXPERT, C=CANOE, K=KAYAK, R=RAFT

# DULUTH TRAVELER



**NEWSLETTER OF THE TWIN PORTS CHAPTER**
President: Tim Sundquist, (218) 724-4143
Cruising: Gardner Ellis, (218) 728-5304
Whitewater: Rick Luck, (218) 724-7992
Racing: David Spencer: (218) 624-3413
Membership & Treasurer: Greg Furtman, (218) 525-6027

May 6, 7, 8,--Namekagon Inn to Inn. Class B. You'll want to take your sweetie on this one! We will be leaving Friday after work. The trip will start at Seely, WI, spend Saturday night in Hayward, and then Sunday to Spring Broom Landing. We will be staying at motels/inns both Friday and Saturday nights. Reservations are required at least two weeks in advance. FMI call Gardner Ellis at (218)728-5304.

May 14, 15--Flambeau River. Whitewater I-II. Enjoy a spring weekend on a great canoeing river. Excellent scenery with heavily wooded shorelines. At least one person in each canoe should have whitewater experience. Leaving Friday night at 6:00 p.m. Saturday night camping on the river. Reservations need to be made at least three days in advance. FMI call Jerry Challman at (218)724-6126.

May 19--General Membership Meeting. Meet us at the boat ramp on the end of Park Point at 7:00 p.m. Bring your canoe for an enjoyable twilight paddle. Everyone is welcome. FMI call the Sundquist's at (218)724-4143.

May 21--St. Louis River. Whitewater II-III. A trip for experienced whitewater boaters on a wild and very scenic section of the St. Louis River. FMI call Rick Luck at (218)724-7992.

May 22--St. Croix. Class B. Flatwater paddling at its best! Putting in at Danbury, we will paddle through the beautiful St. Croix River State Forest to Norway Point. There are no rapids to run, which makes this a good cruising river. Reservations at least three days in advance. FMI Fred Freeman at (218)525-6486.

May 28, 29, 30--Yellow River. Class B. Spend Memorial weekend canoeing the quiet and secluded Yellow River. Wildlife can be abundant this time of the year, and the river is shallow with only a few gentle rapids. We will leave Duluth at 6:00 a.m. on the 28th, camping on the river both Saturday and Sunday nights. Reservations at least 3 days in advance. FMI call Gardner Ellis at (218)728-5304.

June 3, 4, 5--North Country Canoe Weekend. Lake Nabagamon, WI. Full details on green insert.

June 2, 3, 4, 5--Boundary Waters Trip. Class B. Leave Thursday after work. Details of route will follow. FMI call Byron Selbrede at (218)392-6350.

CHAPTER NEWS--CONTINUED ON FOLLOWING PAGE

June 11--Grandma's Getaway. Whitewater I-II. At least one person in each canoe should be capable of paddling this rating. This trip is for those of you who would rather be paddling than running, or watching someone run. We will be paddling the beautiful White River near Ashland, WI. Meet at the Superior Perkins at 8:30 a.m. Reservations required at least 3 days in advance. FMI call Greg Furtman at (218)525-6027.

June 16--General Membership Meeting. Meet at the boat ramp at the end of Park Point at 7:00 p.m. Bring your canoe. Everyone welcome! FMI call Gardner Ellis at (218)728-5304.

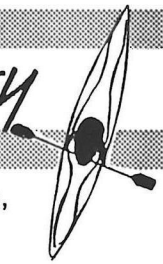
June 25--Clam River Discovery. Class B. Spend a day exploring the little known Clam River in Wisconsin. The river is slow and secluded with wild shorelines. Occasional portages around fallen trees can be expected. Make reservations at least 3 days in advance. FMI call Fred Freeman at (218)525-6486.

June 26--The Urban Canoe Adventure. Class A. Take a morning paddle to the Quality Inn for breakfast. Then canoe to the Whaleback for a historic tour. End up the trip with a stroll through the Park Point Art Fair. Meet at the Rowing Club at 8:00 a.m. FMI call Gardner Ellis at (218)728-5304.

If a trip calls for reservations, please call the trip leader in advance by at least three days, and let him/her know if you are going. This will help with planning and logistics and make possible any last minute changes. Also know that none of the trip leaders are professional guides or receive money for leading trips. Your safety is your responsibility, and you are liable for yourself. Don't overestimate your skills or equipment, or underestimate the rivers or lakes. If you have any questions, concerns, or a need for safety equipment, please ask someone. And have a good time paddling!--**Tim Sundquist**

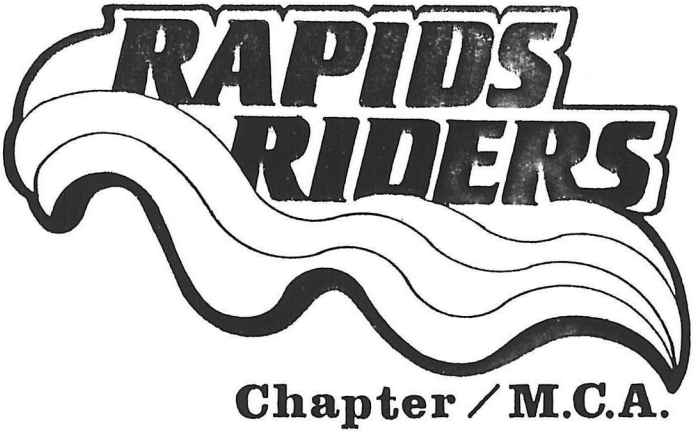
*Whitewater Specialty*

CANOE & KAYAK PADDLING SCHOOL



- Whitewater instruction in solo & tandem canoes, kayaks and C-1s for entry-level to intermediate & advanced paddlers.
- Certified Mad River Canoe Paddling Center, offering solo and tandem Mad River Canoe Clinics May 20-22, June 24-26, July 8-10 & August 12-14.
- Introductions To Western Whitewater Trips for intermediate to advanced kayak and open canoe paddlers. Ask about our Salmon River and Grand Canyon trips.
- Call or write for a free brochure.

**N3894, Hwy. 55 • White Lake, WI 54491 • 715/882-5400**




**NEWSLETTER OF THE WHITEWATER CANOE AND KAYAK CHAPTER**
President: Sue Hix, (612) 422-9155
Vice President: Ed Schneider, (612) 487-1811
Secretary/Treasurer: Scott Cruse, (612) 379-4931
Membership: Jeff Grigsby, (612) 636-4373
Cruise Directors: Bonnie Van Blarcom and
Gary Nagel, (612) 487-2079

WHITEWATER RACING CALENDAR ON PAGE 32

When the rivers are running, it somehow seems inappropriate to have meetings and to write articles to discuss whitewater when we'd much rather be out paddling in it! On April 12th, the Rapids Riders had their last regular meeting until rivers dwindle (barring unforeseen circumstances that could necessitate convening formally this summer). The object of the 23 members present was to "clean house" and then talk paddling.

"Housecleaning" consisted, first, of making final arrangements for the four-hour Red Cross CPR course on April 14th that will allow eight members to receive CPR certification, thanks to volunteer instructor, Rob Schmidt. Other business included soliciting volunteers to help with the Efficient Paddling/Immersion and Rescue Class at Wilder Forest and putting final touches on the plans for our own whitewater course. Ed Schneider and Greg Johnson reported that our class is full with 30 canoes and 13 kayaks; in the open boat category, we even have folks on a waiting list. After our instructors' meeting April 18, we should be ready to launch into the first class meeting on May 3.

Cruises are, of course, the focal point of our interest this time of year. Cruise co-director, Gary Nagel, emphasized that, although we have a rather limited number of cruises actually listed in **HUT!**, anyone qualified and interested in paddling with the Rapids Riders should call our "cruise hotline," (612) 487-1811, listen to Ed Schneider's answering machine, and decide whether they would like to join a group for a cruise. Gary recommends that would-be paddlers check the hotline on or after Thursday evening before the week-end they wish to paddle. By then, trip information, river levels, organizers, and times will be coming together. It will be up to callers to call the specified contact person and make arrangements to participate in the cruise. If you have a whitewater trip planned, and would welcome other paddlers, please call our hotline and leave Ed a messsage explaining what you have in mind. We're always looking for competent, enthusiastic cruise leaders!

CHAPTER NEWS--CONTINUED ON FOLLOWING PAGE

CHAPTER NEWS--CONTINUED FROM PREVIOUS PAGE

I should also mention that our new meeting format seemed to work well. Under this plan, the business meeting begins at 6 p.m., and we do a recap between 7 and 7:30 p.m. for those who want a diluted dose of business. Socializing starts at 7:30 p.m. Either because they had time to kill or because they had business to discuss, people actually started arriving by 6 p.m. Eventually the entire group accumulated, and repetition was kept to reasonable proportions. This seems to be a practical way to continue when we resume our regular meeting schedule.

Hope to see you on the river, in a class, or at the St. Croix week-end! In the meantime, this column may become extremely creative! Happy paddling!--**Sue Hix, President Rapids Riders**




**NEWSLETTER OF THE LONG DISTANCE CANOE RACERS**
President: Karl Ketter, (612) 636-8116
Race Calendar: Tom Nolz, (612) 689-5719
Rt. 1, Box 202
Cambridge, MN 55008
Coordinator: Betty Ketter: (612) 561-2208

ATTENTION LAST YEAR'S LAKE PHALEN RACE SERIES PARTICIPANTS!!
See the notice at the bottom of the Race Calendar on facing page.

SPRING TRAINING:

"Rookie racing" will continue every Monday night on the Mississippi at Showboat Landing at 5:30 p.m. throughout the season until daylight savings ends in October. Bring a PFD and a decent paddle (and a racing-style boat if you have one). For more information call Jeff Dubois 459-4132.

St. Croix training will be Tuesdays, 5:30 p.m. at the DNR landing near the Boomsite Park north of Stillwater. For more information call Bill Simpson at 433-3451.

"Long Slow Days" (LSD) takes place almost every weekend for the more committed racers. Rivers and locations change so call first. For more information call Pam Henry, 774-5150.--**Bill Simpson**

HOIGAARD'S 6TH ANNUAL CANOE DERBY

Hoigaard's 6th annual Canoe Derby begins on Thursday evening, June 2nd and continues every Thursday for 10 weeks through August 4th. Races begin in the southwest corner of Lake Calhoun at 6:45 P.M. (registration starts at 5:30) and classes are included for all ability levels. Call Hoigaard's at 929-1351 for more information.--**James Lind**

## MINNESOTA 1988 RACE CALENDAR -- MAY 1988

| DATE | RIVER/LAKE | COMMUNITY | EVENT | CONTACT |
|---|---|---|---|---|
| 5/7 | Snake River | Mora, MN | Snake River Race | Glen Johnstone (612) 679-2500 |
| 5/15 | Mississippi | Brooklyn Park, MN | Jensen Handicap | Betty Ketter (612) 561-2208 |
| 5/28-5/30 | ********** Memorial Day Weekend ********** | | | |
| 6/4 | Cannon River | Waterville, MN | Dam Days Race | Mike Kratt (507) 334-2413 |
| 6/5 | Straight River | Medford, MN | Straight River Days | Jerry Kay (507) 451-3760 |
| 7/10 | Mississippi River | Saint Paul, MN | Riverfest | Lynn Waldorf (612) 292-7400 |
| 7/17 | St. Louis River | Duluth, MN | Gitche Gumee Canoe Classic | Scott Neustel (218) 724-8525 |
| 8/20-8/22 | | | USCA Nationals | No further info at this time. |
| 9/3-3/5 | ********** Labor Day Weekend ********** | | | |
| 9/10 | Mississippi River | Coon Rapids, MN | Mississippi Classic | Betty Ketter (612) 561-2208 |
| 5/18,25 6/1,8, 8/10, 9/7 Weds | Lake Phalen | St. Paul, MN | Lake Phalen Race Series Race 6:10 p.m. | Bob Hollerbach (612) 771-7507 Lynn Waldorf (612) 292-7023 |
| 6/2- 8/4 | Lake Calhoun Thursdays | Minneapolis, MN | Hoigaards Race Series Reg. 6:00 p.m. Race 6:45 | Jim Lind at Hoigaard's (612) 929-1351 |

LAKE PHALEN RACE SERIES

A request for last year's Lake Phalen Race Series participants:

The organizers are missing many of the timing sheets for the individuals that raced. It is assumed that the racers unknowingly walked off with the only good record of their performances. The return of the forms is desired so that overall results can be published. Please contact Lynn Waldorf at (612) 292-7023 or Bob Hollerbach at (6129 771-7507.

# 1988 MIDWEST WHITEWATER RACING SCHEDULE

Quite a schedule this year. All of the listed events are ACA National Slalom & Wildwater Committee (NSWC) sanctioned and include some revisions to past events, and some new ones to boot. The Mid-America Series has been shortened to a 3 race/3 site format to accommodate combining the Pan-Am Cup and the World Cup with this event. The World Cup is a new event similar to skiing's World's Cup. There will be four races in North America and four in Europe that will attract some of the top paddlers in the world. The whitewater sprint race is also new. This race consists of a 600+ yard sprint down a whitewater course without gates. These are both guaranteed to be exciting events! We saw a number of MCA/Rapids Riders members involved in last year's races, and hope to see a whole lot more this year. If you aren't interested in racing yourself, come on out and cheer on those who do race. Even better yet, volunteer to do any of the multitude of tasks that are required to run a race. PEOPLE TO CONTACT: Rapids Riders - Ed Schneider 612/487-1811; NSWC - Bob Schuetzler 612/722-2875, Randy Carlson 218/726-7169 or 727-2309, Barb Schneider 715/845-6784.

| DATE | EVENT | TYPE | LEVEL | LOCATION |
|---|---|---|---|---|
| APR 23-24 | Div. Championships<br>U.S. Team Trials | Wildwater | 3 | Peshtigo R, WI |
| APR 23-24 | Spring Wolf | Slalom | 1-3 | Wolf River, WI |
| APR 30-5/1 | U.S. Team Trials | Slalom | 3 | South Bend, IN |
| MAY 7-8 | Apple River | Slalom | 1-3 | Somerset, WI |
| JUN 11-12 | Mid-America Series #1 | Slalom | 2+-3 | Carlton, MN |
| JUN 18 | Mid-America Series #2 | Slalom | 2+-3 | Wausau, WI |
| JUN 19 | Pan-American Cup #1<br>World Cup #1 | Slalom | 4 | Wausau, WI |
| JUN 21-36 | Pre Worlds | Slalom/Wild | 4 | Maryland |
| JUN 26 | World Cup #2 | Slalom | 4 | Maryland |
| JUL 1-2 | Pan-American Cup #2 | Wildwater | 4 | Hurly, MN |
| JUL 3 | Mid-America Cup #3 | Slalom | 2+-3 | South Bend, IN |
| JUL 4 | World Cup #4 | Slalom | 4 | South Bend, IN |
| AUG 13 | Whitewater Sprint Race | Sprint Race | 1-3 | Wausau, WI |
| AUG 13-14 | Summer Slalom | Slalom | 1-3 | Wausau, WI |
| AUG 20 | Division Championship | Wild Sprint | 1-3 | South Bend, IN |
| AUG 21 | Division Championship | Slalom | 1-3 | South Bend, IN |
| SEP 3 | National Jun/Sen/Mas | Slalom | 2-3 | Wausau, WI |
| SEP 4 | Nationals | Slalom | 2-3 | Wausau, WI |
| SEP 10-11 | Saint Croix | Slalom | 1-2-3 | Taylors Falls |
| SEP 24-25 | Last Ditch | Slalom | 1-2-3 | Wolf River, WI |
| OCT 1-2 | One Last Time | Slalom | 1-2-3 | South Bend, IN |

SKILL LEVEL KEY: 1=Beginner, 2=Intermediate, 3=Expert, 4=National Team

## I'D RATHER BE CANOEING

This column is sort of a hodge-podge of thoughts accumulated over the past month. To start out, I'd like to comment on the Rice Creek trip with the UNISYS Chapter. I've canoed Rice Creek several times with MCA groups. The trips have been typical: disorganized, spread out, "who-gives-a-damn-about-the-other-guy." What a difference with the UNISYS group! Ron Dahl was out in front in his kayak scouting the culverts and downed trees. Everyone made sure that the boats behind made it through the rough spots. This group has their act together! This is comradeship at its best. I intend to take many more trips with this bunch. Incidentally, it was "Paddling with Dad" again. Alexandra got a chance to paddle the Blue Hole. With a bent-shaft Mohawk paddle no less! Oh well, maybe next time it will be the Jensen with her Waddell.

I was greatly tempted to leave the front cover without a picture and just a notice: "This blank cover is brought to you by the people who have complained about too many whitewater pictures but haven't bothered to contribute anything themselves." Boy, would that tick-off a bunch of people! I get tired of saying, "**HUT!** is YOURS!" If you want pictures, send them in. If you want canoe reviews, send them in. If you have questions, send them in. I can't make it any plainer: IF WE DON'T GET IT, IT WON'T BE IN **HUT!**

One more thing: DEADLINES. Do you have any idea how hard it is to put in "Just a little blurb about ...." when **HUT!** is ready to go to the printer? Some people seem to think that **HUT!** is a quickie job once the information is in the computer. The next person that says that to me is liable to end up with a computer disk jammed up their nose! Try fitting a 3/4 page article into 1/3 of a page. We all appreciate our advertisers, but wait until you have to put a half-page ad with that 3/4 page article. No way can the ad be made smaller. Try cutting down the article and be ready for the slings and arrows of the author.

There are a small few who appreciate the task of putting together a publication the size of **HUT!** Their names include Gilman, DauSchmidt, Wexler, Sorenson, Miller and more. Don't try to tell them how easy it is. They've been there. They've tried to assemble and keep a staff. They've had to decipher the scrawl of would-be Pulitzer Prize winners. They've burned the midnight oil trying to get **HUT!** out on time. Wait until someone doesn't get their copy until the fifth of the month--the editor's name is MUD. Try losing someone's race announcement. You will hear about it for the next two years, but only through the grapevine--"I'm not sending anything into **HUT!** anymore. They won't publish anything on racing." The staff is not infallible. Things get lost. We have tightened up our filing system and other procedures. By the end of this year we might even have it perfect.

There seems to be a small undercurrent of complaint about the "One-man-show" that has been producing **HUT!** for the last 2-1/2 years. **HUT!** will always bear the stamp of the editor. Whether it is good or bad is something that has to be accepted. Keep in mind that what appears (other than what the editor writes) is what is submitted. A "Special interest" editor can only keep things out. The policy of this "One-man-show" has been to publish whatever is sent in. Many times space constraints cause delays of non-timely submissions. If you don't like what you read, you have the right to put forth your viewpoint. There has been very little negative (and much positive) comment on putting forth controversial issues.

One more thing to remember: If you don't like the way the job is being done, next year it can be YOUR turn!

**--James Robinson, Publications Director AND Editor**

## CLOSE-IN RIVER TRIPS

The following rivers were described in more depth at a session during the Great Minnesota Canoe Event. While these short descriptions may not be thorough enough to plan out a trip, they will at least remind you of the many choices we are blessed with in the midwest. And this really is just a "sampling." There are many more to be found, some so secret I don't dare divulge their names in public. But call and we can talk about a blood oath....

### A Sampling of Rivers Within "Day-Trip" Distance of the Minneapolis/St. Paul Area

**Red Cedar, WI.** About 60 miles East of St. Paul, near Menominee. An easy, clean, quick moving little stream that's navigable throughout the season.

**Chippewa, Lower Section, WI.** Approximately 60 miles S.E. of the Twin Cities, near Durand. This is a wide, shallow, sandy river that has a surprisingly "wild" feel to it. You can always count on sighting eagles, ospreys and turkey vultures. Navigable throughout the season.

**Kinnickinnic, Lower Section, WI.** Approximately 35 miles E. of St. Paul, near River Falls, WI. This is a short, but interesting 6 mile run on a shallow, rocky little stream. Best done in high water. Ideal for a solo boat.

**Hay River, WI.** About 50 miles E. of St. Paul, near Prairie Farm. The Hay is a shallow, slow-moving little stream best done in a solo boat at moderate to high levels. The only real hazards are cows and barbed wire!

**Rush, WI.** About 40 miles E. of St. Paul near El Paso, WI. The Rush is a picturesque little trout stream that is very rocky but navigable at higher levels. Bring a boat that has a hull beyond caring about.

**Cannon, MN.** Approximately 40 miles S. of the Cities, near the village of Welch. My favorite section is the final run from Welch to the Mississippi and Red Wing. The river courses through bottomlands, wetlands, and by high bluffs topped off by "goat prairies." Ideally suited for a bicycle shuttle on a new state trail.

**Kettle, Lower Section, MN.** The final stretch from Highway 48 bridge to the St. Croix is a delightful grade 1 and 2 run in higher water. At low levels, it's a long walk! (Save the upper section, through the Banning Rapids, until you've taken the MCA Whitewater Course).

**Zumbro, MN.** Approximately 60 miles S. of the Cities, near Zumbro Falls. The Zumbro is a shallow, sandy, surprisingly clear little river with a nice current but no rapids. Ideal for anything from racing to a family outing.

**St. Croix, Middle Section, MN & WI.** About 70 miles N.E. of St. Paul, near Grantsburg, WI. My favorite stretch of the St. Croix is an easy one-day run from Norway Point Landing to the Hwy 70 bridge. There are some easy-to-moderate rapids, islands, large white pines and birds of prey. Usually runnable but a lot more fun when the water's up.

**Sunrise, MN.** Approximately 45 miles N. of St. Paul near the villages of Kost and Almelund. The Sunrise is a very small, twisting, quiet-water stretch that has one interesting pitch, in high water, as it drops to the St. Croix.

**Apple, Upper and Middle Sections, WI.** About 45 miles E. of the Metro, near Amery and Star Prairie. The Apple has one significant whitewater drop, Little Falls, near the village of the same name. The rest of the river moves along nicely and is almost always navigable.

**Snake, Middle and Lower Section, MN.** Approximately 60 miles N. of Minneapolis, near Mora (middle) or Pine City (lower). the Snake is a clear, fast-moving little river best done at moderate levels. There is a canyon section on the middle section to be aware of, and the lower section is a rock-garden at low levels.

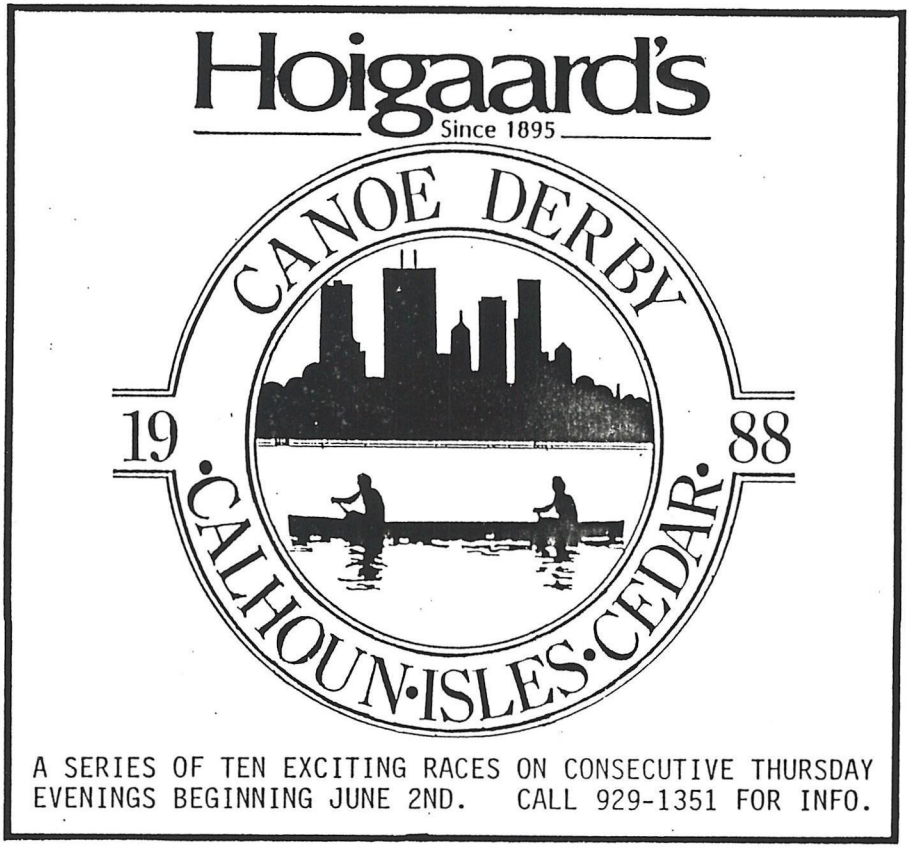
**Clam, WI.** About 70 miles N.E. of the Twins, near Siren. The Clam is shallow and narrow, often blocked by trees and debris. It is in a semi-wild state and is loaded with wildlife. I never fail to see eagles, deer, and many smaller mammals.

**Yellow, WI.** About 80 miles N.E., close to Spooner. The Yellow is much like the Clam, with a little more water and limited development along the shoreline.

**Rum, Middle Section, MN.** Approximately 40 miles N. of Minneapolis near Cambridge. The Rum is a favorite of many canoeists, with enough flow to paddle it throughout the season.

**Straight, MN.** About 50 miles S. of the Twins, near Faribault. This river is anything but what the name implies. It is a shallow, meandering, murky little stream with the highlight being the nature center section in Faribault.

**Eau Claire, WI.** Approximately 90 miles E. of St. Paul, near Eau Claire. This river is a delight at higher levels, with clear water, lots of riffles, abundant wildlife, and little development along the banks.--**Bill Simpson, Education and Safety Director**

A SERIES OF TEN EXCITING RACES ON CONSECUTIVE THURSDAY EVENINGS BEGINNING JUNE 2ND. CALL 929-1351 FOR INFO.

**CRUISING**

The cruising calendar is filling up. Thank you to those who have joined the leadership ranks. Great accomplishments have been achieved by the chapter cruising committees. Please do not think participation in cruises held by chapters of the MCA are only for chapter members.

If you pick up this issue of **HUT!** and read about an advertised cruise of interest, a phone call to the cruise leader is the next step in participation.

I urge the MCA membership to take advantage of the cruises on the calendar and of the wonderful learning opportunities an individual has at their fingertips from the sampling of leadership we have to offer.

There are still plenty of weekends and weekday evenings throughout the spring and summer that beg for individuals to coordinate a few other trips for an adventure on a waterway of your choice. Share your knowledge, your love for the water, the environment, and everything it gives us. Schedule a cruise through me and share it with people of like interest. Join a cruise and most of all, enjoy yourselves. The sun is shining, the ice is out, it's time to paddle!--**Karyn McAndrew, Cruising Director**





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## LAKE PHALEN RACE SERIES



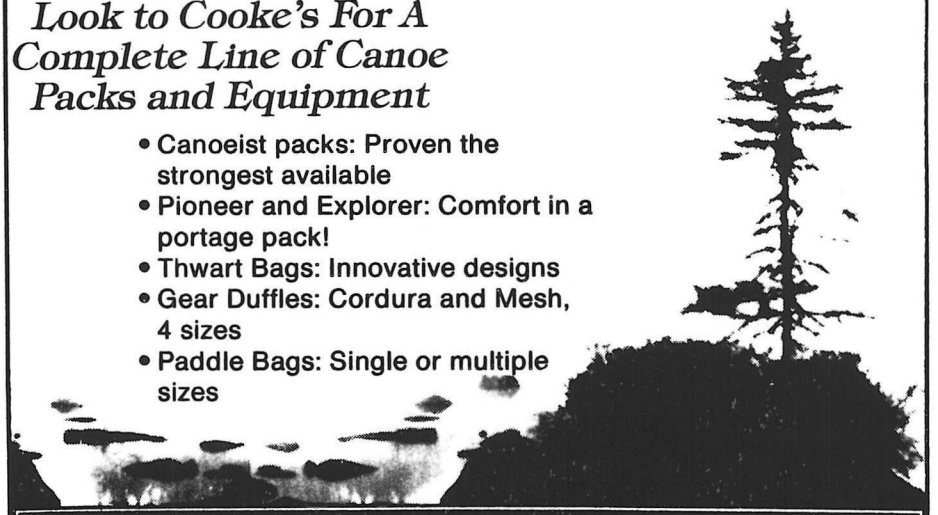
The St. Paul Parks & Recreation Department with Midwest Mountaineering as co-sponsor announces its Lake Phalen Race Series:

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## WHAT EVER HAPPENED TO JIM JOHNKE?

I have been looking through the **HUT!** archives for the years '75 and '76. That's when I joined the MCA. There was a lot going on under Joe Conrad's leadership and the membership was about 1400.

Some things haven't changed: the racers still train on the Rum; whitewater is still lots of fun; and then as now, schoolteachers paddle on the arctic rivers.

Another thing that hasn't changed is that **HUT!** was full of requests for volunteers. In that two years of **HUT!** I found, over and over, blurbs saying so.

I joined the MCA for one reason. I wanted to learn how to build strip boats. I planned to steal the technique and run.

In February of '75 a request came for persons to man the building show. This was a three day event at Ridgedale Mall.

"My chance to learn," I thought and like a dummy I volunteered. Jim Malek, the building director, assured me that he could use my help even though I hadn't yet built my first canoe.

I met Jim in the morning of February 20th at the show. He gave me a five minute crash course in stripping, then announced that he was going back to his office. Before he left he said, "Don't get it all done today, it has to last all weekend." Then he added, "A couple of guys will be in about five o'clock to relieve you."

All the folks that helped out that day gave me fair warning and I didn't listen. They warned me that I could expect to get used.

Within a year I was a co-founder of the Minnesota Valley Chapter, (now defunct) and in December of '76 I had my first article in **HUT!**.

Joe Conrad gave it up in December of '75. He had done his share and had simply burned out. But what about Jim Johnke? What ever happened to him?

Jim was a real go-getter. Besides being cruising director, (darn good one too) he was also vice-president of the newly formed Voyaguers Chapter. Jim was there at all MCA activities.

The Voyaguers were the in thing in '76. Their latest activties filled the pages of **HUT!**. The MCA was giving this group a blank check; they were going to make the MCA a household word. Unfortunately, their leadership was spread too thin. When their president got a transfer, the organization begin to fold and the MCA with it.

That next winter, Ketter Canoeing rented space at the Camping Show and ended up with more space than Betty could use. She offered space to the Voyaguers and they accepted. Guess who ran the display for the Voyaguers.

I went to the Camnmping Show that year and a very disgruntled Jim Johnke was manning the booth. He had, by himself, for the previous four nights.

What happened to Jim Johnke? He built an MCA 14' and split.

When Joe Conrad, Jim Malek, Jim Johnke and a few others pulled in their horns, the MCA was in serious trouble. The membership began to drop off and the reason was obvious. Nothing was there for Mr. Joe Average, our member.

There is so much that the MCA could do for its members but we need more manpower. (Sorry gals, peoplepower.)

"Me?" "What can I do for the MCA?" you ask. What would you like to do? Lead a cruise? That's always fun, why not start there? Maybe you can write an article for **HUT!** or attend an MCA Board meeting. Those that do get the most out of the club. If nothing else, write a letter to **HUT!** expressing your opinion on some phase of canoeing or how the MCA does things. It can be favorable or critical of MCA policies.

I've done my share. Before I reach the burn out point I'm going to get some of you folks moving. I'm not proud, I'll tell you right out, WE NEED HELP! Let's say that a little differently--THE MCA NEEDS YOU!

We desperately need a balance of people to help out. We need folks with many and varied interests in canoeing. We must spread ourselves around enough that no single group runs the MCA. When this happens, the MCA is in trouble.

In July of '76, a request went out for a person to sell resin. This request went unanswered and in December an announcement was made that resin sales would have to cease.

I'm going to quit selling West System soon, do I hear any volunteers?

In September of '76, came the first promise of a new book, "The Complete Book of Canoe Design and Building." OK, folks, 12 years is a long time. The name got changed to "The Canoe Building Book."

More peoplepower, that's all the MCA really needs. We have the talent but it's spread too thin. I hope that ten or twelve years from now the MCA is still going strong, without my help.

Let's all hope that some writer in the year 2000 doesn't write an article "What Ever Happened to Jim Robinson?" I don't want to see this in **HUT!**.

The name of the game folks is Burnout. It happens to all of us The more we are needed, the more suddenly we bail out.

Let me throw out a challenge. Get SLIGHTLY involved. Only a little bit. We don't want you to burn out quite yet.--**Bob Brown**


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**RIVER CONFERENCE PLANNED**

The Sigurd Olson Environmental Institute and the National Park Service are sponsoring a Midwest River Conservation Conference on June 13-14 in Hudson, Wisconsin. The conference will provide an educational interactive forum for river professionals and citizens to learn about river corridor protection efforts, discuss issues and formulate regional strategies for river conservation.

"Rivers have become the orphans of the conservation movement," says Mark Peterson, the Institute's Director. "As demands on our rivers increase for energy, recreation, real estate and industry, there is a need to preserve outstanding examples of our natural river heritage," he adds.

The Conference will summarize the major accomplishments and lessons gained from the past 20 years of experience at local, state and federal levels and will work to set priorities for the next decade. Important and timely conference topics of interest to this region's future river management include U.S. Forest Service river planning, protecting scenic values, pending national legislation, state protection efforts, wild and scenic river studies, and developing a regional strategy for river protection.

Invited speakers include Rep. Bruce Vento, Chairman of the Parks and Public Lands Subcommittee in Congress, William Penn Mott, Director of the National Park Service, and Kent Olson, President of the citizens' group, American Rivers.

The conference site, Camp St. Croix, near Hudson, Wisconsin, overlooks the beautiful Lower St. Croix River. The Lower St. Croix River was included in the National Wild and Scenic River Systems in 1972.

"This year marks the 20th anniversary of the Wild and Scenic Rivers Act," says Peterson. "What better point in time to look back at what protection we've provided river corridors these past two decades and to look forward to see what remains to be done?"

For more information, write to: Sigurd Olson Environmental Institute, Northland College, Ashland, Wisconsin 54806. (715) 682-4531, Ext. 223.





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**SOLO CANOE NIGHT**

On May 17th (18th rain date), we will be holding our spring solo night. For any of you who have never been to one of these events, it is a great chance to paddle a large variety of solo canoes.

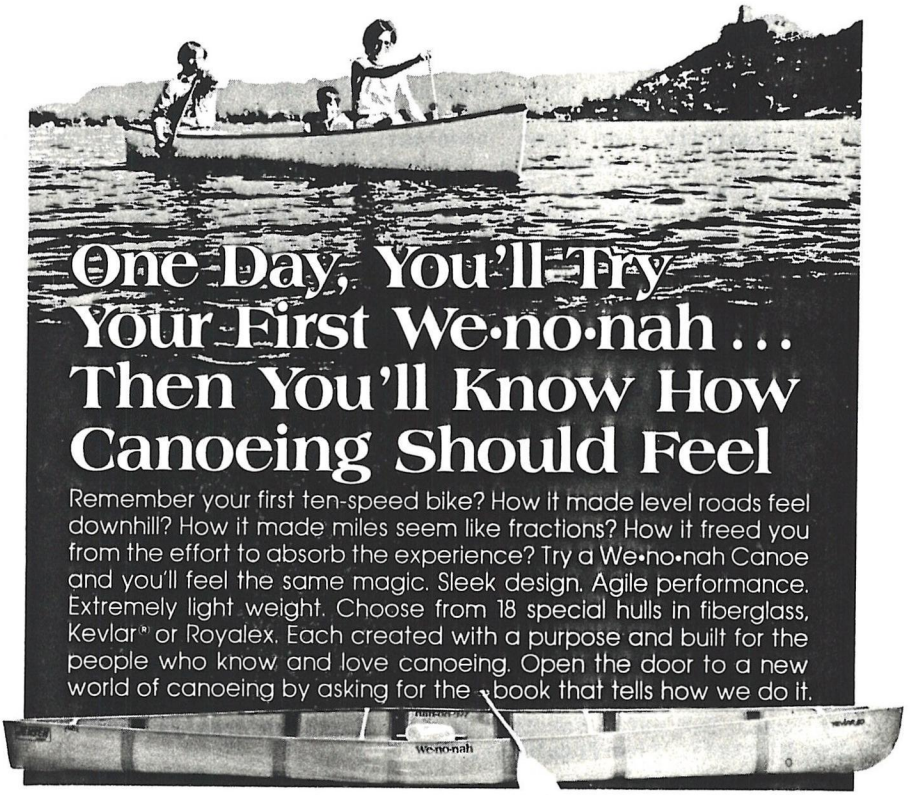
I'd like to encourage all of the owners of solo boats to come out and share their boats. It has been your willingness to come that has made this event such a success in the past.

We will have a course set up to time one boat against another and some impromptu racing will probably develop.

We should have a full range of solo canoes and kayaks. We will have fat whitewater boats and sleek Jensen racers. We will have many cruisers and touring canoes in-between.

Come prepared to get wet, many people do. Don't let that spoil your evening, bring a change of clothes.

Start time about 5:00 p.m. Ending time when it gets too dark. Bring a picnic supper and be prepared to spend the evening comparing canoes and trying to pick your next boat.--**Bob Brown**

**SPECIAL THANKS!**

On behalf of the MCA and Wilderness Inquiry, the organizations who co-sponsor the series, I would like to thank four special people who contributed their knowledge and experience by preparing slide shows for our "Canoeing the Far North" series this year. Kurt Melancon, Jim Bydlon, Barb Wieser and Bill Simpson each gave us a thoroughly enjoyable and informative hour and a half of expedition canoeing, with nary a bug bite! If you don't like long portages over the hummocky muskeg, if you don't care for snowstorms in July, if you would prefer not to have to drag your canoe over the ice for half your journey, and if you would rather swat bugs than wear them, a slide show in a quiet backroom at the library may be the best way yet to experience the far north. There is more inspiration in one of these shows than in five Robert Service poems, more enthusiasm among the attendees than in legions of outdoor-store sales people, more of the northern ambience than in a dozen docudramas, and more hard information than in a heap of **HUT!**'s (let's see if the editor lets that one by).

The charge has been made (in these pages and others) that people who do exotic and sometimes expensive canoe trips are elitists, who look down their noses at paddlers who stick to local travel. Over the six years of our experience with this slide show series, I am convinced that quite the opposite is true. Indeed, it appears that the deeper one delves into wilderness that must be taken on its own terms, the more likely one is to learn a profound lesson of humility. It is humility, or some nameless cross between humility and gratitude, that seems to characterize every one of these presentations. And far from disdaining local paddling, our many presenters over the years tend to be among those you always see on the river, close to home. They would be among the first to tell you some of the things that would defeat the stereotypes:

They are not super athletes.
They are not wealthy.
They are not "gear freaks."
They are not out to "conquer" the north.

They would be among the last to mention a few other things:
They know a tremendous amount about canoeing and camping.

It takes courage to put themselves beyond the comforts and rescue capabilities of modern civilization.

There is plenty of hard physical work, and plenty of old fashioned discomfort, in backcountry travel by canoe.

If there is anything to be "conquered" in wilderness travel, it is probably the irritablility, the pettiness, the tiredness or weakness of the beast within. This is the beast who responds not to macho, but humility.

This year's presenters are but a handful of the many paddlers within our MCA ranks from whom we can all learn a lot about canoeing. They might not write for every **HUT!**; they might not blow their horns very loud. But watch for them on the river, and you'll know!
**--Don Mitchell, Vice-President, MCA**

**LACK OF INFORMATION IN THE HEAP?**

Mr. Mitchell: Since you have chosen to cast down the gauntlet, I am only too willing to pick it up. You seem to confuse information with entertainment. I have attended shows put on by your people, and quite a few others of the same breed. Not once did I learn how to select a canoe (other than bomb-proof). Nowhere did I see an explanation of how to pack water-proof. Where do these shows tell me

how to set up a strongback or how to do the "Ketter Caper" when stripping up a canoe? Did any of your shows discuss keeping your cutting tools sharp or how to seamseal a tent?

Mississipi Bob's usual type of portage is across the hummocky muskeg of 50th Street on Minnehaha Creek. Does this mean that his Builders Corner is not hard information?

Karl Ketter hates to sleep in a tent and his view of the tundra is from a pro-boat on the Rum. Of course, that means that what he writes about choosing a canoe is so much Pablum.

I suppose we have to accept Cliff Jacobson's writings because he regularly canoes above the border. But, he does have his fault in that he blows his own horn by writing for every issue of **HUT!**.

I attend "Trip" shows to get the vicarious thrill of the caribou's thunderdance and to view second-hand the vast tundra. I read **HUT!** to learn about canoes, canoeing technique, canoe building, camping skills and much other hard information that willing persons impart.

When you speak of writing for every issue of **HUT!**, I have intimate knowledge of every copy from January 1986 to this issue. Nowhere do I recall the names Melancon, Bydlon or Weiser. Only Bill Simpson has contributed to **HUT!** during that period of time. I only wish that the rest of your people would follow Bill's lead and submit hard information such as the river article in this issue.

I would be among the first to recommend attendance at these slide shows (for entertainment) and I encourage all of you to keep up the good work.

One thing to remember: The **HUT!** audience is far greater than you will jam into a quiet backroom.

A final comment: Anyone who thinks that "blowing your own horn" is the reason for writing for **HUT!**, is sadly in need of a lesson in sharing and caring.--**James Robinson**, HUT! Editor


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ROYALEX WHITEWATER CANOE around $300. Call Pete Jessen-Howard at (612) 942-0408.

VOLUNTEERS in corrections to work with boys aged 13-17 at Boys Totem Town in the Battle Creek area of St. Paul. Opportunities include day and weekend canoe trips as well as building cedar strip canoes. Contact Pete Jessen-Howard at (612) 942-0408 for more details.

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DORY--16'. Lew Miller built. Call Bob at (612) 432-7557

OLD TOWN CANADIENNE. 16' fiberglass, green. Caned seats, padded yoke. Excellent condition--used only one season. Gel coat repair kit included. $525. Doug Berg, (612)474-7706(h), (612)470-3574(w).

HYDRA TAURUS KAYAK with spray skirt. Used twice, excellent condition. Best reasonable offer. Call Dave at (612) 786-3281.

PERCEPTION FLOAT BAGS to fit solo canoe. Used only twice. $35. Call John evenings at 431-5569.

J-200 WENONAH. Excellent condition, raced once $850. Contact Steven Landick, 1029 N. 2nd St. Marquette, MI. 49855. (906)228-0858

USCA CRUISER. Burley Boat, good training canoe, fast day tripper. $200.00. Call Mike during the day at 884-0033.

MAD RIVER CANOE MOTOR MOUNT. Good condition, best offer. WOOD YOKE, free to good home. Call Marcus, evenings, at 894-3523.

MAD RIVER LADYSLIPPER SOLO. Fiberglass. Forest green with tan Jacobson/Cooke style two piece cover. Excellent condition. World's most versitile solo canoe. $670. Randy, (612)881-3592(h), 893-1688(w).

MCA GUIDE FORMS, STRONGBACK AND CRADLE. Strongback is of plywood box construction and set up for 17-1/2' canoe. Used only once. Everything for $60. Rich Dahlke (612)431-5906, evenings.

HYDRA TAURUS rotomolded kayak with air bags, ethafoam walls, Yakima footbraces. Medium volume whitewater playboat. Excellent condition. $350 or best offer. Call 942-0408.

OLD TOWN TRIPPER 17'2", dark green color, with Sitka Spruce gunwales, hardwood decks, thwarts and cane seats. Excellent condition. Call Val (612)753-3305. (Number has answering machine).

WENONAH WHITEWATER XX Tandem Canoe, Kevlar. Excellent condition, $900. Call John at (715)597-2233 (eves.) (715)597-3158 (daytime).

WENONAH PROBOAT. Fiberglass. Peterson design. Excellent condition. $600. Call John at (715)597-2233 (eves.) (715)597-3158 (daytime).

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**For Sale:** MCA resin and fiberglass cloth. Polyester resin with catalyst and wax (if required) is $13.00 per gallon. Four oz. cloth, 50" wide is $3.00 per yard; 7-1/2 oz. cloth, 60" wide, is $4.25 per yard. Six oz. cloth, 60" wide, is available only from the Eagan and Apple Valley depots at $4.10 per yard.

**West System Epoxy** is available only from the Apple Valley depot. Call Bob Brown for prices and availability.

**Rules for Purchase:** Call ahead and schedule pick-up time. Payment must be by check or money order to: Minnesota Canoe Association. **No cash. Sales to MCA members only.**

| | | | |
|---|---|---|---|
| **Depots:** | Betty Ketter | 561-2208 | North Minneapolis |
| | Bruce Kunz | 452-3897 | Eagan |
| | Bob Brown | 432-7557 | Apple Valley (West System only) |

## ORDER FORM--Stickers/Patches/T-shirts (Sales to Members only)

Make check (U.S. funds) payable to: **Minnesota Canoe Association.** Send order form to: Verna Robinson, Minnesota Canoe Association, 4421 36th Ave. No., Crystal, MN 55422.

**Stickers**--Blue MCA logo on a white reflective background, great for canoe or car. $1.00 each.
**Sew-On Patches**--MCA logo. Gold paddles/silver canoe, $2.00 each.
**T-Shirts**--50/50 blend. $5.00 each, plus $1.50 mailing per order.

Adult sizes: S, M, L, XL.
- Light blue shirt with navy blue MCA logo.
- Green shirt with white MCA logo.
- Red shirt with white MCA logo.
- Grey shirt with navy blue MCA logo.
- Dark blue shirt with white MCA logo.

Children's sizes: C-S (6-8), C-M (10-12), C-L (14-16)
- Grey with a Navy Blue logo
- Maroon with a White logo
- Navy Blue with a White logo (no large)

To order: Fill in name and address below. Indicate quantity desired for each item. State second color choice for shirts if acceptable.

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|---|---|---|---|---|---|
| | | | | | |
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| | | | | | |
| | | | | | |
| | | Mailing (shirt orders only) | | | 1.50 |
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**MINNESOTA CANOE ASSOCIATION MEMBERSHIP FORM**

Make check payable (U.S. funds) to: **Minnesota Canoe Association,**
Send to: **Membership Director, Minnesota Canoe Association,**
**P.O. Box 13567, Dinkytown Station, Minneapolis, MN 55414**

I am joining the MCA as a [ ] New [ ] Renewal member. Please check:

[ ] Regular Member--1 yr. $10 [ ] Supportive Member--1 yr. $ 25

[ ] Regular Member--2 yr. $19 [ ] Life Member $100

[ ] Regular Member--3 yr. $27 Fill in name, address and phone no.:

Name: _____

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City: _____ State: _____ Zip: _____

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[ ] If you're moving, check here and fill in your new address above. Include your **HUT!** mailing label for proper handling.
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**Canoe Building Plans, (SALES TO MCA MEMBERS ONLY)**

Make check (U.S. funds) payable to: **Minnesota Canoe Association.** Send with plan order form to: Bob Brown, Canoe Plans, 12936 Galaxie Ave., Apple Valley, MN 55124

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

[ ] THE CANOE BUILDING BOOK--$15.00 ($12.50 plus $2.50 shipping).

Canoe Plans $5.00 each

Tandem Canoes

[ ] Explorer/Guide
[ ] BWCA Cruiser
[ ] Osprey (Zapf)
[ ] 17' Kootenay (Kunz)

Solo Canoes

[ ] 15'6" Pirate (Brown)
[ ] 15'6" Kootenay (Kunz)
[ ] 16'6" Tri-III racer (Brown)

Racing Canoes

[ ] 18'6" 3&27 (Ketter)
[ ] 18'6" 4&32 (Burley)

Kayaks

[ ] Griffin II Touring Kayak
[ ] 18' Sea Kayak (Wilson)

The Big Ones

[ ] 22' Family Canoe (The cost of this plan is $10)
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