



Northwest River Supplies

1979



100

SPORT RAFT



106

6-MAN RAFT

INTRODUCTION

At Northwest River Supplies we are dedicated to providing whitewater equipment and other quality products at reasonable prices. Because equipment selection is so important, we test most products ourselves before listing them. Our product choice is influenced by factors important to us, such as supplier reliability in meeting delivery dates, willingness to take and ship rush orders, etc. We try to analyze every product for possible improvements and appreciate your comments and suggestions.

To help you in your selection, all items are described as honestly and fairly as we know how. Because our full time employees are experienced river runners, they can assist you in selecting equipment by answering any questions you might have. It will help us, especially during the busy February through August season, if your questions are concise. You can place telephone orders and get immediate response to your questions by calling us between 9 a.m. and 5 p.m. (Pacific time) Monday through Friday, (208) 882-2383. See you on the rivers.



BILL PARKS
NORTHWEST RIVER SUPPLIES, INC.

NRS GUARANTEE

Most of our items carry manufacturers guarantees of various durations and our manufacturers stand behind their products with honesty and pride. Naturally we will refund your money on any item you are dissatisfied with when you receive it. Simply return it to us with proof of purchase and include a note stating what the problem is - and whether you wish an exchange, credit, or refund. On items which prove less than satisfactory in use we will try to work something out to your satisfaction no matter what the guarantee. Since most repairs must be completed by the manufacturer and not at our store — please give us a call before you return a product that has been used. Your shipping directly to the manufacturer can speed up the repair and return process quite a bit.

PHONE ORDERS 208 882-2383

Phone orders are accepted between 9:00 A.M. and 5:00 P.M. (Pacific Time) Monday through Friday. To insure accuracy, please fill out an order form and then read it to us; it can serve as your personal record. We will accept COD orders by phone - but you pay the COD fee (UPS COD fee is only 85¢ - a real bargain if you're in a hurry).

TERMS

Payment with order: Money Order, Personal Check, VISA or Mastercharge. For our Canadian customers, please remit in U.S. dollars.

FRONT COVER: BIG MALLARD, SALMON RIVER, IDAHO
BACK COVER: OWYHEE RIVER, OREGON

SHIPPING POLICY

We are proud of our fast, dependable service that we offer. If your order cannot be filled and shipped in two working days, we will let you know what the problem is and when you can expect delivery. Whenever possible we will ship via UPS, however if you use a post office box as a return address we are forced to use parcel post (we have found it to be much slower and more costly).

For orders shipped via UPS to the lower 48 states our policy is to charge 5% of the merchandise amount for shipping and handling with a minimum of \$1.50 and a maximum of \$10.00 in ID, \$15.00 in WA, OR, MT, and WY, and a maximum of \$25 in the other states.

For orders shipped via Parcel Post and UPS orders to Alaska, Hawaii, and Canada our policy is to charge 10% of the merchandise amount for shipping and handling with a minimum of \$2.50 and a maximum of \$25.00.

All orders that include large rafts, frames, or long ash oars (8 ft or longer) will be shipped via motor freight. Our freight and handling charges are \$10.00 for ID, \$15.00 for WA, OR, MT, and WY, and \$25.00 in the rest of the lower 48 states. All motor freight shipments to Alaska, Hawaii, and Canada will be shipped freight collect: FOB Moscow, Idaho.

STORE HOURS

Our store hours are 10:00 A.M. to 5:30 P.M. Monday through Friday, and 9:00 A.M. till 4:00 P.M. Saturdays (Saturday hours from March 3rd through July 28th only). We are located at 214 N. Main Street (the old Grange Hall) - in the lower level behind the cleaners. If you need further directions, give us a call when you arrive in Moscow.

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RAFTS

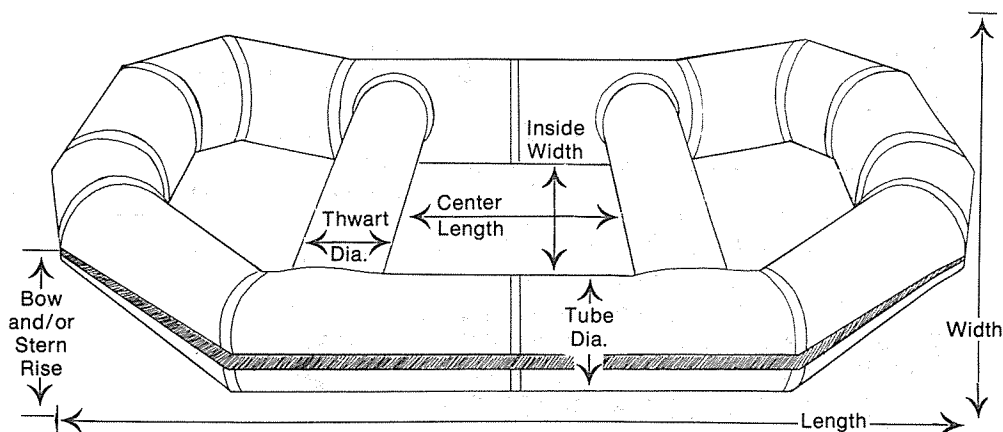
All raft manufacturers try to incorporate desirable design features into their boats. Length, width, tube diameter, bow and stern rise, weight — all affect the handling characteristics of a raft. Since there are differences of opinion about how best to achieve these desirable characteristics, there are now many different types and styles of boats on the market.

Though material comparisons are complicated, they fall into three main categories: Fabric, Coating, and Weight. The base fabric provides the material strength and resistance to tearing while the coating provides the air tightness, abrasion resistance, and determines the material longevity. Generally speaking - the higher the denier count (210, 420, 840) the greater the tear strength of the material.

Hypalon® coating has the greatest resistance to abrasion and deterioration of any commercially available synthetic rubber. The use of the term Hypalon® requires that the coating be at least 50% Hypalon® - the higher the percent the greater the abrasion resistance (this increase must have a limit but we're not sure where). Most top quality boats are manufactured from Hypalon® materials.

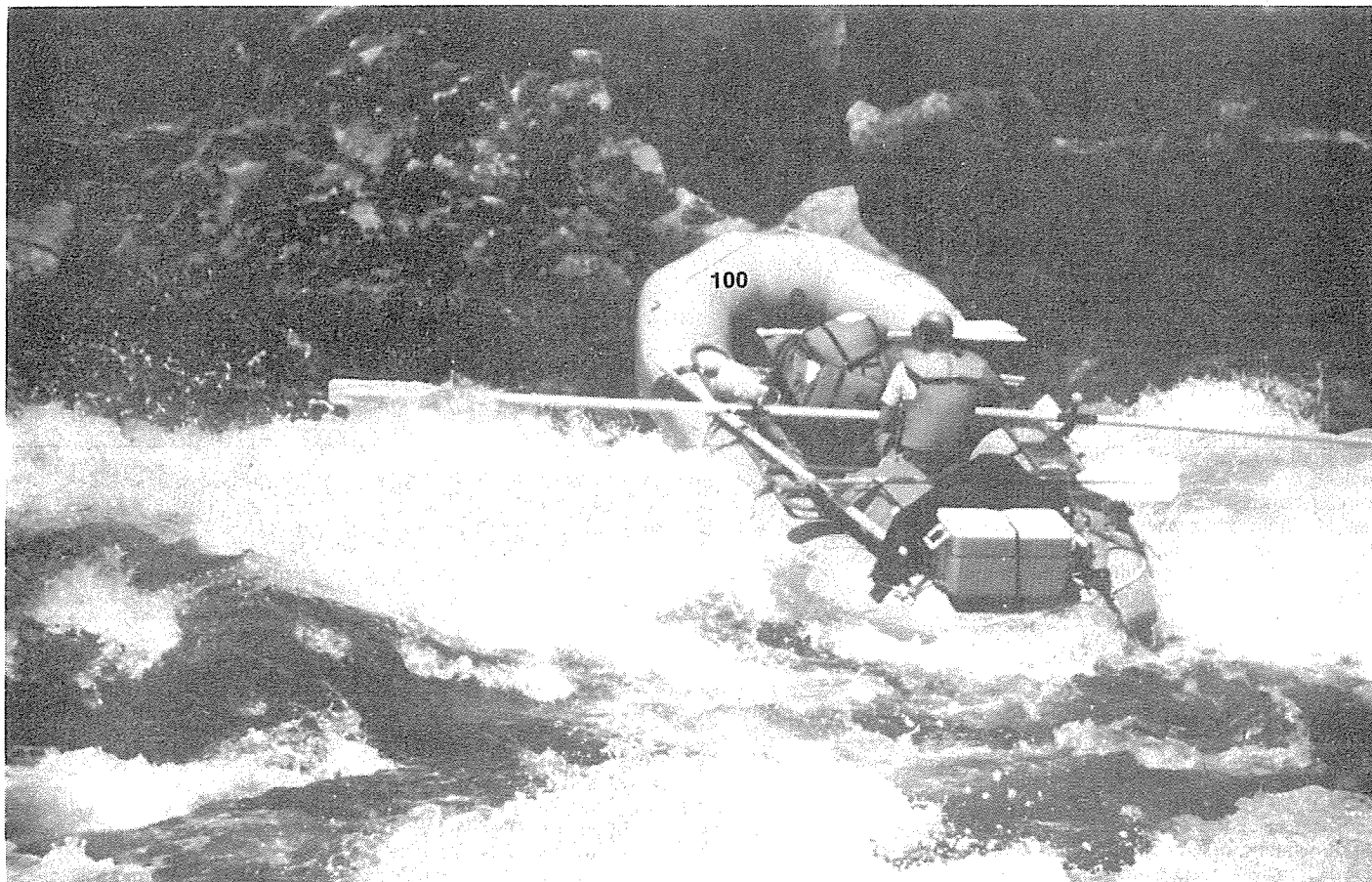
Neoprene was the standard for quality boats until its recent displacement by the more expensive Hypalon® and it still provides a good raft at a reasonable price. Most less expensive boats are neoprene or a neoprene/hypalon blend with neoprene predominating. Our Northwest River Supplies SPORT, all the UDISCO rafts, and the Campways Searider are all manufactured in neoprene/hypalon blends.

Weight (ozs per sq yd) is important but should be considered in conjunction with fabric denier and coating type when making your decision. To simplify your questions about how rafts compare to each other, we have included a keyed diagram for your use. All rafts included in this catalog are described in the terms shown in the diagram. All raft prices are subject to change without notice.



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NORTHWEST RIVER SUPPLIES

In 1979 Northwest River Supplies will continue to import boats of our own design. We spent many hours completing these designs and after testing both prototypes and production models, we honestly believe these boats have features superior to boats costing twice

as much. Because we design and import these boats ourselves, we can price them below what their quality and workmanship suggest. We guarantee these boats to be free of defects in workmanship and materials for six months under normal recreational use — it's our name on these boats, and we stand behind it.

100 SPORT

The Sport is big enough to have good capacity, but not too large for personal use. The Sport is manufactured of a very durable 38 oz. per sq. yd. 840 denier neoprene/hypalon material with 3 inch seam tape and 2 inch overlapping seams. All boats are pressure tested to 3 PSI. The 11 large D-rings are positioned to provide frame tie-downs, and with the addition of the life line (included with instructions for mounting) still provide convenient handholds for passengers. The 6 large military type valves provide quick and convenient inflation and deflation. The bow and stern rise is achieved in 2 steps, utilizing maximum storage space without reducing tube rise. The raised stern shortens the water line - providing quick pivoting and increasing handling ease.

Designed with the 4 to 7 day trip in mind, we feel that with 20" diameter tubes this is the perfect boat to carry 3 to 6 people and gear and still have room for extra food and goodies on those long trips. Although many people use 9 ft. oars with this boat, I use and recommend 10 ft. oars. The 6'8" width compliments either oar size and still provides a stable boat in almost every water condition. The center compartment is large enough to accommodate a cooler in front of the boatman and still position the pivot point within 10" of the boats' center. Specifications are: 14'9" long, 6'8" wide, 20" dia. main tubes, 16" dia. thwarts, 10" bow and stern rise, 40" wide by 47" long center compartment, 6 recessed 1" military type valves, 38 oz. grey tube and black floor material, 11 mounted D-rings, includes frame wear patches, repair kit, and quality foot pump, weight - 100 lbs. **\$650.00**

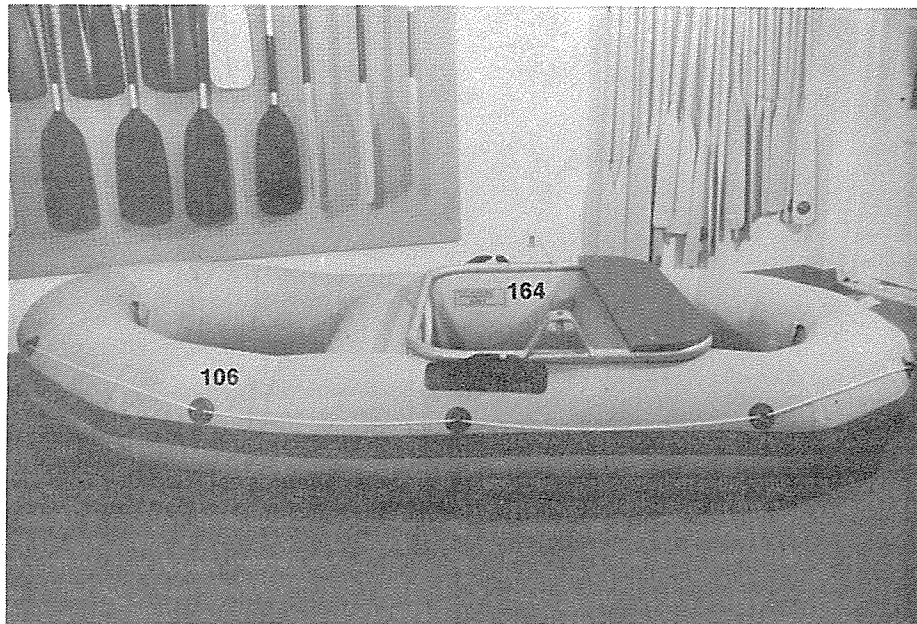


UDISCO

UDISCO has been importing boats for more than 15 years. During most of this period their boats slowly improved in design and quality. (Our recent entry into the market seems to have speeded the pace of their improvements!) For this year UDISCO has made many improvements and has also added two additional models to fill out their line. All UDISCO boats have grey tubes, black floors and come with motor mount straps.

104 4-MAN UDISCO

By reducing their popular 6-man boat to 54" wide and 10' long, UDISCO has created a new boat with an excellent design for those looking for a really small but serviceable raft. Should be an excellent paddle raft. The raft has 14" main tubes, 6 air chambers, 2 cross thwarts, small brass valves, 6-inch bow lift, rubber oarlocks and a lifeline. 30 oz. 420 denier neoprene/hypalon material. It weighs approximately 48 lbs. **\$210.00**



106 6-MAN UDISCO

This boat has the same dimensions and almost the same specifications as the 1978 NRS Sprite. The two cross thwarts give this excellent small raft an amazing amount of internal support, making it a practical 4-person paddleboat without a frame. For a frame we recommend 7' or 7½' oars, depending on your frame design. This boat is well suited for day use as a paddle boat or for those long trips with a frame. (We have run most Idaho rivers in one.) Specifications: 11' long, 5'2" wide, 15½" dia. main tubes, two 14" dia. thwarts, 6" bow rise, center compartment is 31" wide by 27" long, 6 air chambers, small brass valves, rubber oarlocks, lifeline. 420 denier 30 oz. neoprene/hypalon material. Approx. weight 55 lbs. **\$250.00**

108 8-MAN UDISCO

New for this year, UDISCO has added a slightly large version of the #106 and called it the 8-man. This boat has improved carrying capacity and should row slightly better because of its stern lift. We recommend 7½' or 8' oars for the raft. Specifications are 12' long, 5'6" wide, 16" dia. main tubes, two 15" dia. thwarts, 6" bow and stern rise, 6 air chambers with small brass valves, rubber oarlocks and lifeline. 420 denier 30 oz neoprene/hypalon material. Approx. weight 65 lbs. **\$290.00**

110 10-MAN UDISCO

The big improvements this year are the military style valves and the stern lift. This raft is often paddled with 4-6 people, but here in the Northwest we usually put on a frame and take 3 or 4 people or a boatman and gear for 4-6 Kayakers. The 12" bow and stern rise should give it even better handling characteristics than earlier models and the 18" tubes provide enough capacity for most uses. We recommend 8' or 9' oars for this boat. Specifications are 14' long, 5'8" wide, 18" dia. main tubes, 15" dia. thwarts, 12" bow and stern rise, center compartment is 32" wide by 44" long, 6 large military style valves, 420 denier 30 oz neoprene/hypalon material. Approx. weight 75 lbs. **\$335.00**

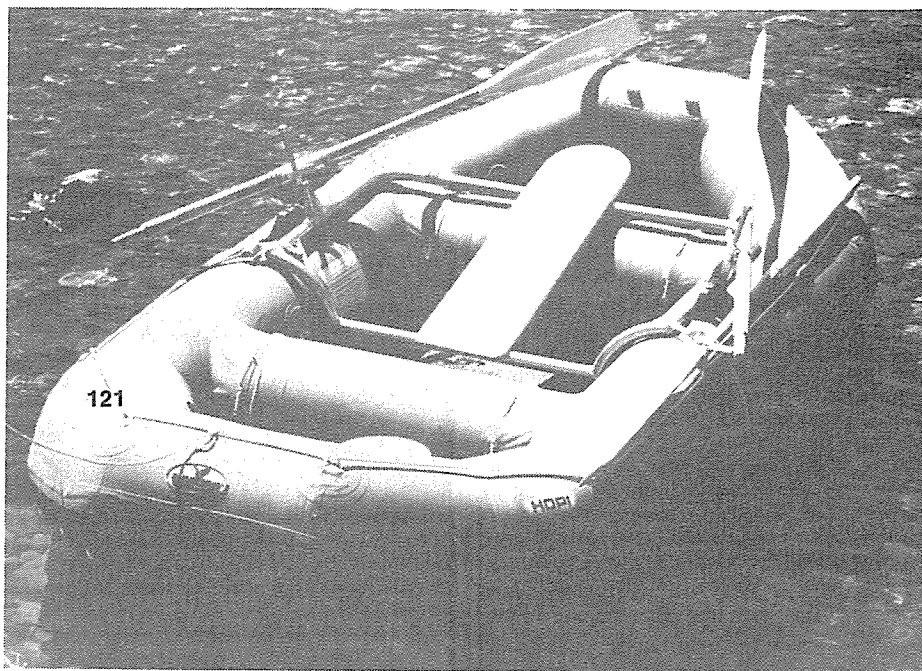


114 14-MAN UDISCO

Earlier versions of this raft used to be my favorite because with 21" dia. tubes, 15'6" length and 6'4" width it could carry lots of extra gear and still be a relatively maneuverable raft. Now with 12" bow and stern rise, it's even more maneuverable, and easier to row. We recommend 9' or 10' oars with this raft. Additional specifications: 18" dia. thwarts, center compartment 34" wide by 48" long, 6 large military style valves, 420 denier 30 oz neoprene/hypalon material. Approx. weight 85 lbs. **\$430.00**

CAMPWAYS

Here are some specifics about the 1979 Campways boats. They have recessed hi-volume Nylon valves and raised bow and sterns. The fabric is a new, higher Hypalon® content coating on a high strength nylon fabric (420 or 840 denier depending on the boat). Campways has worked diligently to improve the quality of their boats and the workmanship is usually excellent. They had serious D-ring breakage last year, but went to work on the problem and corrected it. Campways boats include mounted D-rings, life lines, and repair kits. We ship all Campways boats prepaid and include a foot pump at no extra charge. Campways brochure available upon request — please drop us a line.



121 HOPI

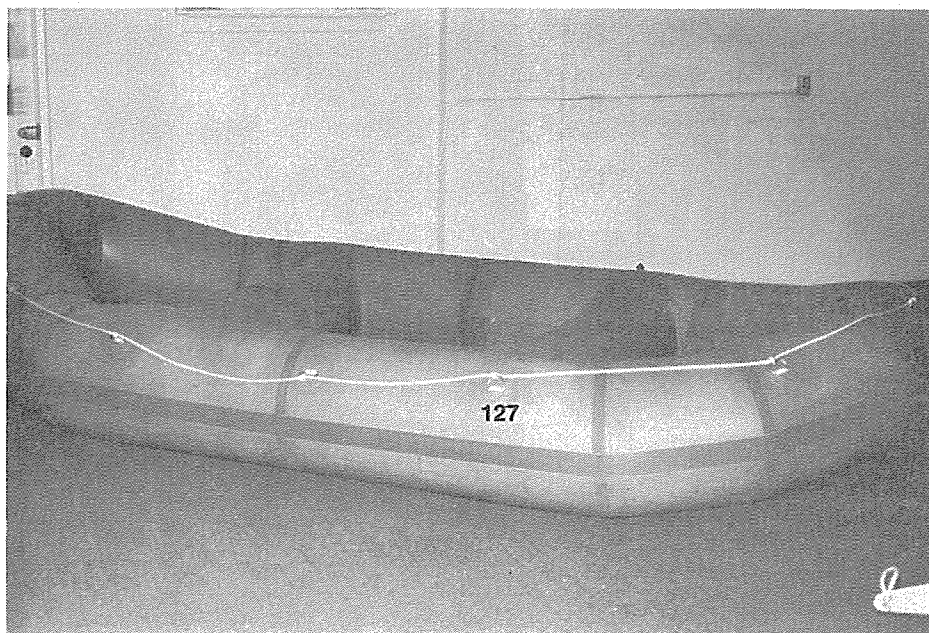
This boat is drier than other boats of the same length because of its large tube size and design. It is probably the best small boat for rowing with a frame — we recommend 8' or 9' oars be used. Although small, you'll have enough space for 2 or 3 people and gear if you're careful how you load. Specifications are: 12' long, 6' wide, 18" dia. main tubes, 16" dia. thwarts, 6" bow and stern rise, center compartment is 36" wide by 34" long, 6 air chambers w/large recessed valves, 420 denier, 35 oz. main tube Hypalon® material, 60 oz. floor. Includes motor mount bracket, D-rings and life line, repair kit, and foot pump. Weight - 65 lbs. Shipped prepaid. **\$1,050.00**

123 MIWOK

Really a stubby rascal, the Miwok is a foot wider than the 10-Man, but is 6" shorter. The Miwok has become a very popular boat for private parties on the rivers of the Northwest. A perfect raft for many uses, we like it because it'll carry 4 people and gear for those extended trips and still keep its excellent handling characteristics when heavily loaded. For 1979 the Miwok comes in a new 37 oz., 840 denier Hypalon® material — very puncture resistant. We use 9' or 10' oars on the Miwok. Specifications are: 13'6" long, 6'8" wide, 19" dia. main tubes, 17" dia. thwarts, 8" bow and stern rise, center compartment 42" wide by 42" long, 6 air chambers w/large recessed valves, 37 oz. Hypalon® tube material, 60 oz. floor. Includes motor mount, D-rings and life line, repair kit, and foot pump. Weight - 130 lbs. Shipped pre-paid. **\$1,425.00**

125 SHOSHONI

The Shoshoni is about the largest boat that a non-commercial party is likely to need. For those of you that like to run big rivers with large parties, this boat should be just the ticket. Most boatmen prefer 10' oars. Specifications are: 15'9" long, 6'10" wide, 20" dia. main tubes, 18" dia. thwarts, 10" bow and stern rise, center compartment 42" wide by 50" long, - 6 air chambers w/large recessed valves, 840 denier 37 oz. Hypalon® tube material, 60 oz. floor, includes motor mount brackets, D-rings and life line, repair kit, and foot pump. Weight - 145 lbs. Shipped prepaid. **\$1,650.00**



127 SEA RIDER 14

Campways has a line of dinghys for all around use. This Sea Rider is really more of a river rider. It has a raised bow and stern, asymmetrical shape with a more pointed bow than most other river boats, two integral cross thwarts, bow and stern compartments, etc. Specifications: 13'6" long, 6'8" wide, 20" dia. main tubes, 18" dia. thwarts, 12" bow rise, 7" stern rise. Center compartment is 40" wide and 42" long, 4 air chambers with large valves, 420 denier 35 oz. tube material, 37 oz. floor. Includes mounted D-rings, repair kit, foot pump, and shipped pre-paid. Weight 80 lbs. **\$900.00**

AVON

Avon has been the Cadillac of the rafting industry for many years. This year they completely redesigned their river boats with a new symmetrical design. This design provides a more efficient use of space. The Redshank design makes it an excellent all around boat and we recommend it to anyone who wants to row, paddle, or put on a motor and go fishing. Avons have an unmatched reputation for quality and durability. The fabric carries a five-year guarantee against deterioration in addition to Avon's one-year guarantee against defects in workmanship. Please write us for an Avon brochure should you have additional questions. We ship all Avon boats pre-paid at no extra charge.



133 REDSHANK

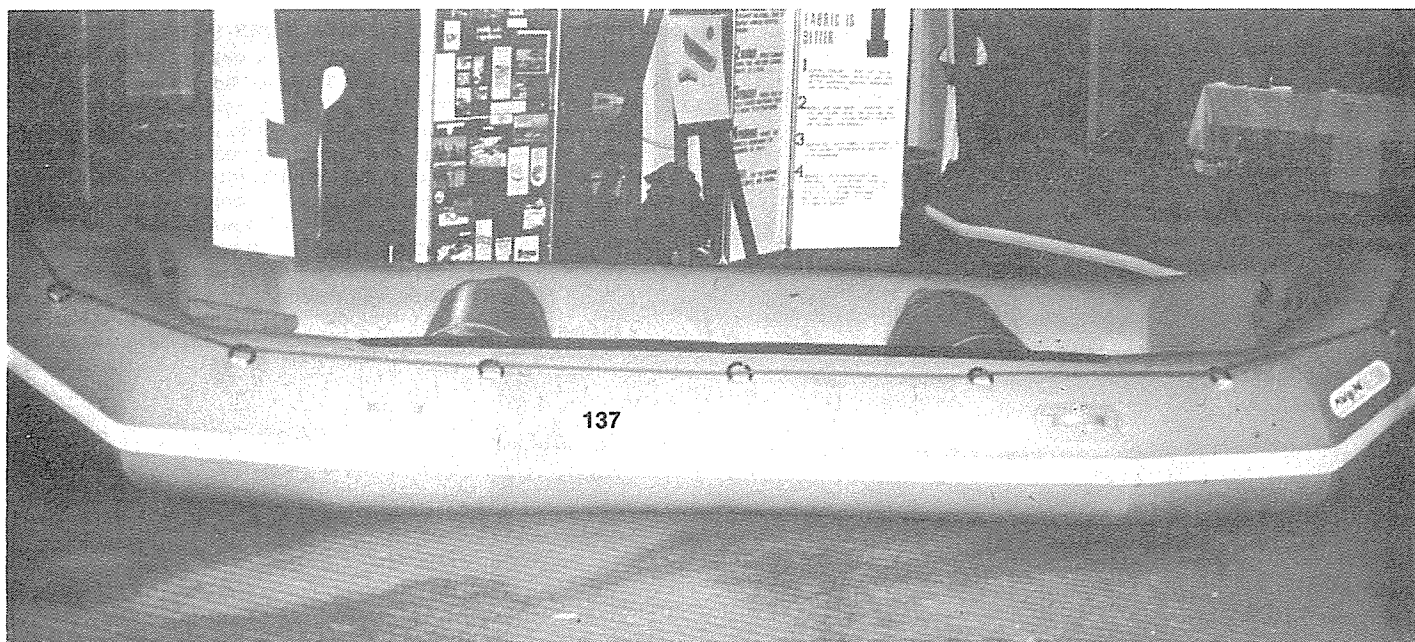
This is a quality boat, and for anyone who wants a small raft for several uses, this may well be the best choice. It has become popular as a frameless river running raft, securing the gear above the floor on air mattresses, and using 7' oars. (We recommend 7½' or 8' oars with a frame.) The Redshank comes complete with two tie-in thwarts, integral oarlocks, mounted D-rings and life line, bow line, foot/hand pump, repair kit, and carrying bag. Specifications are: 12'3" long, 5'6" wide, 15" dia. main tubes, 13" dia. thwarts, 11" bow rise, 2" stern rise, center compartment is 36" wide by 31" long, 420 denier 32 oz. Hypalon® tubes, 420 denier 36 oz. Hypalon® floor, 4 Avon valves, includes motor mount brackets, etc., etc., weight - 62 lbs. Shipped pre-paid. **\$995.00**

135 ADVENTURER

The new Adventurer design is particularly desirable for outfitters and large groups because it provides enough room for up to 8 paddlers. Owners have been pleased with the earlier models too because they "suffer fools gladly" and don't give them any maintenance problems. Its 18" dia. tubes make it an excellent choice for use as a small personal rowing boat. We recommend 9' or 10' oars. Specifications are 14' long, 6'8" wide, 18" dia. main tubes, 15" dia. laced in thwarts, 9" bow and stern rise, center compartment is 44" wide by 38" long, 420 denier 36 oz. Hypalon® tubes, 40 oz. Hypalon® floor, 6 Avon-valves, includes motor mount brackets, 16 mounted D-rings and life line, repair kit, foot pump, etc., weight - 99 lbs. Shipped pre-paid. **\$1,745.00**

137 PROFESSIONAL

The new Professional has design features that make it very attractive to private and professional river runners. The tight floor improves the handling and the symetric design increases the cargo or people capacity. The combination of good capacity, ride, easy handling, and unsurpassed durability has made the Professional the favorite boat for many western boaters. With the new model it will become even more desirable. Most boatmen use 10' oars on the Pro. Specifications are: 16' long, 7'4" wide, 20" dia. main tubes, 16" dia. laced in thwarts, 10" bow and stern rise, center compartment is 48" wide by 45" long, 420 denier 36 oz. Hypalon® tubes, 40 oz. Hypalon® floor, 6 Avon valves, 16 mounted D-rings and life line, bow and stern line, repair kit, foot pump, carrying bag, etc., weight - 110 lbs. Shipped pre-paid. **\$2,140.00**

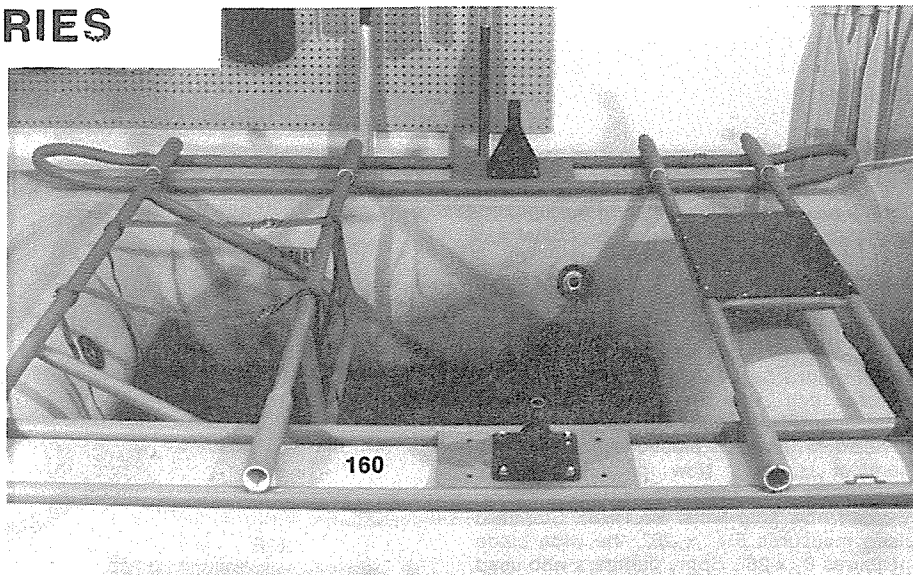


RAFTING ACCESSORIES

FRAMES

160 UNIVERSAL FRAME

This frame is really quite simple, there are two pods or side rails formed from steel tubing to fit over the raft's side tubes. Cross member sleeves and oarlock stand plates are welded to the pods. There is an "H" shaped rear seat cross piece and a combination cooler cradle and foot brace assembly. The frame fits together with just 4 fast pins (included) and can be assembled/disassembled in seconds. The cooler cradle fits an 80 quart Gott cooler (#808) perfectly, but other coolers will also fit. Heavy duty oarlock stands are included and have a 6" adjustment to fit almost every size rafter. We pre-cut the side members to fit your raft, but because individual raft dimensions vary slightly, we ship the cross members undrilled. Merely assemble the frame on your raft and use a 5/16" bit to drill through the cross pieces at the approximate points. The entire assembly is 82" long by 71" to 7' wide (depends on the raft) and weighs 74 lbs. Fits most large rafts, including the Sport, Miwok, Shoshoni, Adventurer, and Professional. Please specify raft. **\$275.00**



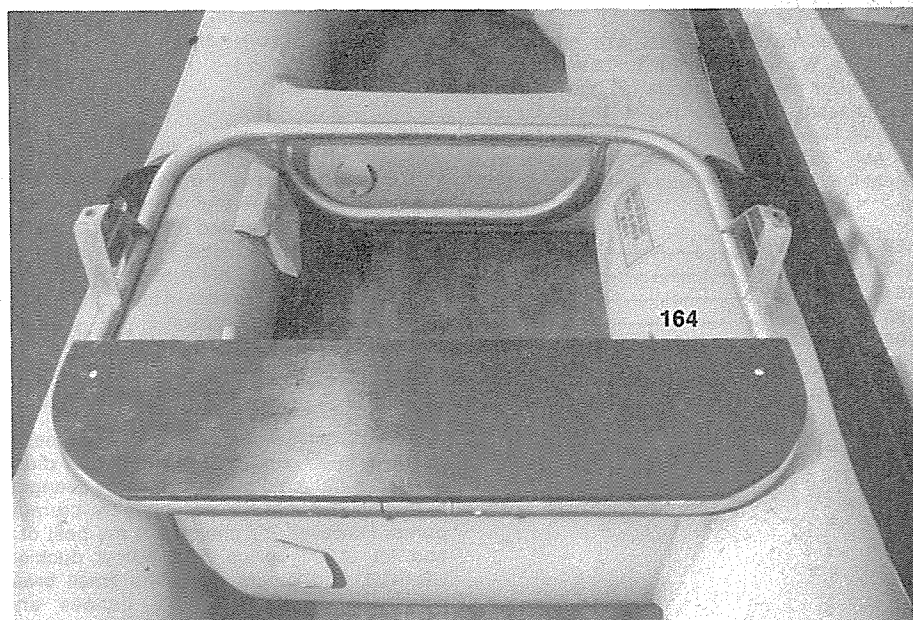
162 10/14-MAN FRAME

Same design and quality as the #160 Universal frame, but because of the narrow design of the 10 and 14 man rafts, this frame only holds a 60 qt. Gott (#806) or similar sized cooler. Frame includes #291 HD Oarlock Stands, measures 82" x 62" assembled, and weighs 72 lbs. Shipped undrilled, please specify raft. **\$275.00**



164 ALUMINUM DAY FRAME - SM

These heavy duty welded aluminum frames made by George Mancini are light, serviceable, and easy to pack. They weigh less than 25 lbs. with the wood seat. The frame has integral oarlocks and a 10" drop foot brace. Fits UDISCO 6 or 8-Man and Avon Redshank. Specify raft and we will size the frame to fit. An excellent buy at this price. **\$125.00**



165 ALUMINUM DAY FRAME - LG

Same as #164 above, but sized to fit all the larger rafts: SPORT, Adventure, Professional, Hopi, Miwok, Shoshoni, 10 and 14-man. Specify raft and we will size the frame to fit. **\$150.00**

ALUMINUM AND PLASTIC OARS

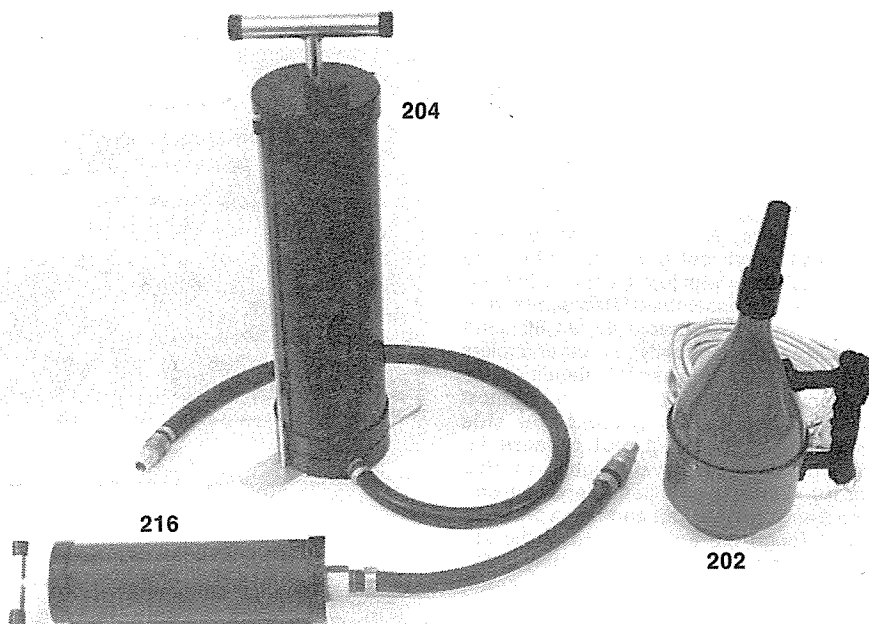
This is the year technology has really made it in one area of river running. Quality aluminum and plastic oars are here! We worked with Ken Carlisle for the last couple of years on his products, and he has just outdone himself. These oars aren't as light as they started out to be, but they are now super strong - yet still weigh less than ash. The 10 ft. length weighs only 7½ lbs. - compared to 9½ lbs. for ash. Carlisle Ausable Oars are manufactured with 6061-T6 aluminum shafts covered with ABS plastic sleeves, shaft diameter is 1-7/8". New for this year are removeable ABS plastic blades in two sizes (we can now ship 9 ft. via UPS). Standard blade measures 5½" x 26", the wide blade measures 8" x 26". Some outfitters who used these new models really loved them - one guide I met at the Main Salmon takeout was ecstatic about the wide-bladed model — said one stroke was good for three on the Middle Fork — where every stroke counts. These oars made believers of us - they are our first choice for any river trip. If you use pins and clips, or want extra power in your stroke, use the wide blades. Purists still prefer the ash — but I am no longer a purist.

170	7 ft. alum. std. blade	\$40.00 ea.
171	8 ft. alum. std. blade	\$42.00 ea.
172	9 ft. alum. std. blade	\$50.00 ea.
173	10 ft. alum. std. blade	\$53.00 ea.
174	7 ft. alum. wide blade.....	\$41.00 ea.
175	8 ft. alum. wide blade.....	\$43.00 ea.
176	9 ft. alum. wide blade.....	\$51.00 ea.
177	10 ft. alum. wide blade.....	\$54.00 ea.
178	Replacement blade - std.	\$15.00 ea.
179	Replacement blade - wide ..	\$16.00 ea.

ASH OARS

Smoker makes the best ash oar in the business. We finally have a sufficient stock to cover your probable needs (at least early in the season). For the purist there is just nothing like the flex and smoothness of a pair of ash oars. These #1 quality oars are beautifully turned and ready for you to finish.

190	7 ft. Ash.....	\$20.00 ea.
192	7½ ft. Ash.....	\$23.00 ea.
194	8 ft. Ash.....	\$28.00 ea.
196	9 ft. Ash.....	\$39.00 ea.
198	10 ft. Ash.....	\$50.00 ea.



BLOWERS AND PUMPS

202 BIG BLOWER

If you have access to 110 volt, 6.5 amp, AC or DC, this pump is the answer at a put in. It gives up to three pounds pressure and will inflate an Avon Spirit or Havasu III in under five minutes! There just isn't anything on the market even approaching this for quality and speed. The electric motor is 1 full horsepower, and it puts out 60 cubic feet per minute. **\$85.00**

204 NEW BARREL PUMP

A wonderful idea from Jim Potochnik — take out some of the HD Pump's special features and bring down the price. Single instead of double hose, simpler base, etc., but insides are the same and at 5½" x 18" it puts out a lot of air. Quality fittings with ports for inflation and deflation. Nozzle fits Sport, Campways, Avon, and other military styles. **\$60.00**

206 NRS GERMAN PUMP

We import these pumps ourselves to assure the quality is maintained. Heavy duty steel hinge, solid molded rubber top and bottom (molded around steel plate for strength) 8" x 12". This pump fits rubber duckies and UDISCO boats and is nearly the same size as the CW and Avon pumps. **\$27.50**

208 FRENCH PUMP

We thought Sevytor would import a better quality French pump last year, but they didn't and still sell the old pump with some changes. In our opinion it is still a low quality, crummy pump. However, it's cheap and the best of a bad lot at this price. Fits yellow duckies, UDISCO, and others using the small brass valves. Also fits inflatable canoes and kayaks. **\$12.00**

210 CAMPWAY'S PUMP

This foot pump has the right fittings for the Campways rafts. This pump was good when it first came out and it's getting even better (they improved the handle). It will also fit the Sport and large UDISCO rafts. **\$36.00**

212 AVON PUMP

A combination hand and foot pump of unsurpassed quality. It will also fit military style valves. **\$50.00**

216 HD HAND PUMP

This 3" x 12" pump is super for topping off most any raft (fits military style valves only). Same superior quality as the barrel pumps. **\$25.00**

218 HD BARREL PUMP

This is the deluxe version of the pump Jim Potochnik designed a couple of years ago. It is 5½" x 18", has 2 hoses instead of only 1 (also includes a plug so you can use only 1 hose if you wish), carrying strap, folding base, etc., this means you can use it on most any raft and fill two chambers at a time. We stock spare hoses, nozzles, plugs, and repair kits for all of Jim's pumps — if you have the need, please ask! **\$100.00**

219 INFLATION GAUGE

Good control of tube pressures is necessary for a well run river trip. The very best low pressure gauges cost \$40.00, but these medium pressure gauges do a very serviceable job. With Military Valve adapter. **\$15.00**

ADHESIVES/THINNER/COATINGS

No matter what the material or adhesive you use, the following steps should be followed when repairing a raft:

1) Prepare the surfaces (both boat and patch) by roughing it up, using a sand stone, rasp, sandpaper, or anything to abrade the surface.

2) Clean the surfaces with cleaner if possible (do not use an oil base solvent such as paint thinner).

3) Apply the adhesive and wait (follow the directions because each type seems to require different drying times) — the most common error is not letting adhesive dry enough.

4) After contact, press the surfaces together with a roller, the side of the adhesive can, or any other means you can come up with. The more forceful the contact, the better the bond. Best results are obtained if you allow the adhesive to dry beyond tacky dry.

We have found the Carboline F-1 Neoprene adhesive to be an excellent all-purpose one part adhesive for use with all types of Hypalon® and neoprene materials. It's what we use here in the store and on all of our river trips when we have problems. The 3 oz. tube is our choice of the way to carry adhesive because it doesn't dry out in the tube and is easy to pack (especially if you can get someone else in your party to carry a quart for major repairs). The 2-part Bostik adhesive is a little more difficult to work with than the Carboline - but Avon recommends it for use with their boats so we offer it.

To prepare a raft for either patching or painting, the surface should be free from all traces of oil, dirt, beer, etc. Our thinner/cleaner does this quite well - but beware of the fumes. Painting a raft has lately been questioned, but we still feel it prolongs the useful material life of neoprene by providing abrasion resistance and offers some protection from ozone and UV deterioration (there's no question that the aluminum color reduces heat build-up). The

GACO Neoprene coating should be mixed with thinner/cleaner before you roll or brush it on. (Ratio 1 part thinner per 4 parts coating). One gallon will do a large raft (tubes only - not the floor).

233	Carboline - 3 oz. tube	\$3.00
235	Carboline Adhesive - Pint	\$5.00
237	Carboline Adhesive - Quart	\$8.00
239	Bostik 2-part ¼ ltr.	\$5.50
242	GACO thinner/cleaner - Quart	\$6.00
246	Aluminum Coating - Quart	\$10.00
248	Aluminum Coating - Gallon	\$35.00
249	Black Lettering Paint - Pint	\$6.00

PATCHING ITEMS

251 NEOPRENE REPAIR KIT

Includes a 6" x 52" piece of gray neoprene/hypalon material, a roller/rasp, an assortment of small patches and a tube of Carboline adhesive. We need a source for a good waterproof plastic cannister for these! Please write or call if you know a manufacturer. **\$5.50**

252 HYPALON® REPAIR KIT

Same as above but with Avon or Campways material - please specify. **\$8.00**

253 NYLO-FLEX PATCHES

These patches are excellent for use on all types of boats (nylon reinforced patches are the best thing for a sturdy patch on a small hole) and can be used with any of the adhesives we offer. Contains 1 - 6", 2 - 3½", 3 - 2¼", and 4 - 1½" patches. **\$2.50**

256 SPORTSMAN'S GOOP

Enough people have come into the store swearing by this stuff for patching bags, wet suits, boats, etc., that they finally got to us. This is identical to shoe goop and you can probably pick some up locally if you aren't placing an order and need some right away. 4½ oz. tube. **\$2.75**

257 30 OZ. NEOPRENE MATERIAL

This is what we use to patch neoprene rafts; material is light gray on one side, buff on the other. Roll is 52" wide. Cost is per running foot. **\$4.00 ft.**

258 AVON MATERIAL

High quality 32 oz. Hypalon® for patching any boat. Sold by the running foot, roll is 57" wide, gray. **\$8.50 ft.**

259 CAMPWAYS MATERIAL

37 oz. Hypalon® for patching rafts. Sold by the running foot, roll is 55" wide, gray. **\$8.50 ft.**

261 ROLLER/RASP

Use the rasp to rough up the surface after it's clean - use the roller to roll the patch down to get a good bond. Very practical. **\$1.25**

262 PROFESSIONAL ROLLER

Large wooden handle gives a better feel and is not as tiring to use as the #261 roller. **\$3.00**

265 SEWING AWL

Bill McGinnis mentions sewing tears before patching in his book WHITEWATER RAFTING. For those of you who want to sew, here's a practical little sewing awl that contains needles and thread (and conceals them within the handle for easy storage). **\$2.75**

266 EXTRA NEEDLES

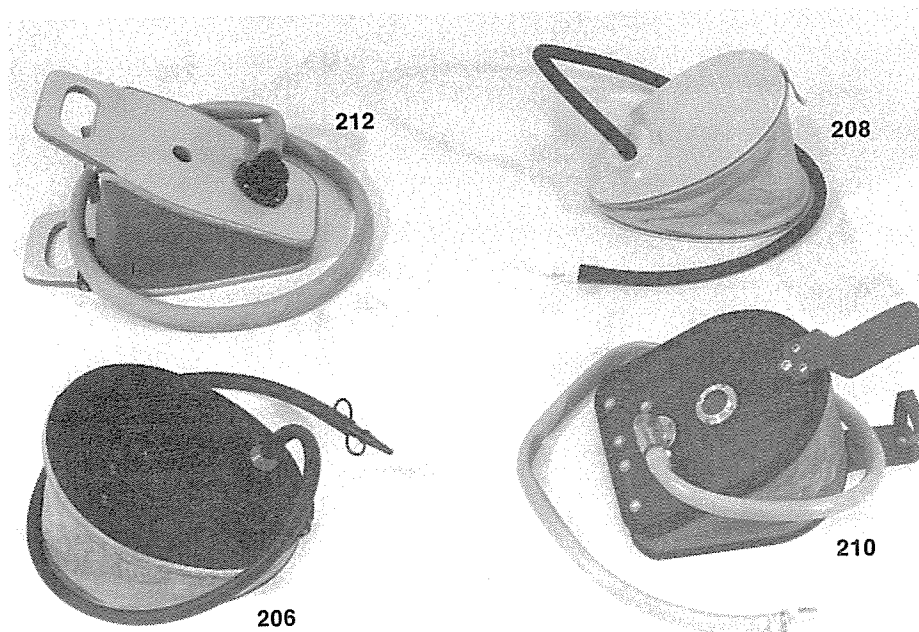
Two extra needles for the #265 Sewing Awl, one straight and one curved needle. **\$1.20 pr.**

267 EXTRA THREAD

30 yds. of #140 coarse waxed thread for use with the #265 Sewing Awl **\$9.00**

269 DUCT TAPE

This is good stuff and has many uses for patching and repairing. We carry a special ARNO tape which has a polyethylene film to make it more water resistant, much better than the cheap stuff you find at discount stores. Roll measures 2" x 60 yds. **\$5.25**



OARLOCKS/STANDS/STOPPERS

280 MANGANESE BRONZE OARLOCKS

Long shank (3½"), ⅝" dia. shaft, horn opening is 2" with 2-⅝" ID. Until we found the silicon bronze oarlocks, these were the best horn oarlocks available. If forced open these can be pounded back together (for smaller oars you may want to close the throat to about 1-½"). The shaft must be sandpapered or filed down to fit a ⅝" socket (polishing the inside of the horn is a good idea, too.) Drilled for keeper. When using plastic oars, wrap the oarlock with ⅜" Nylon cord. **\$8.00 pr.**

282 SILICON BRONZE OARLOCKS

Silicon bronze horns spring back to their original shape if forced apart. Shaft and horns are sized and polished, ⅝" dia., 3-¾" shaft is drilled for keeper; horn opening is 2" with 2-⅝" ID. **\$16.00 pr.**

284 HAIRPIN COTTERS

Strong, secure, and convenient - Hairpin cotters are the practical way to fasten your oarlocks into the stands. **\$0.50 pr.**

285 PINS AND CLIPS

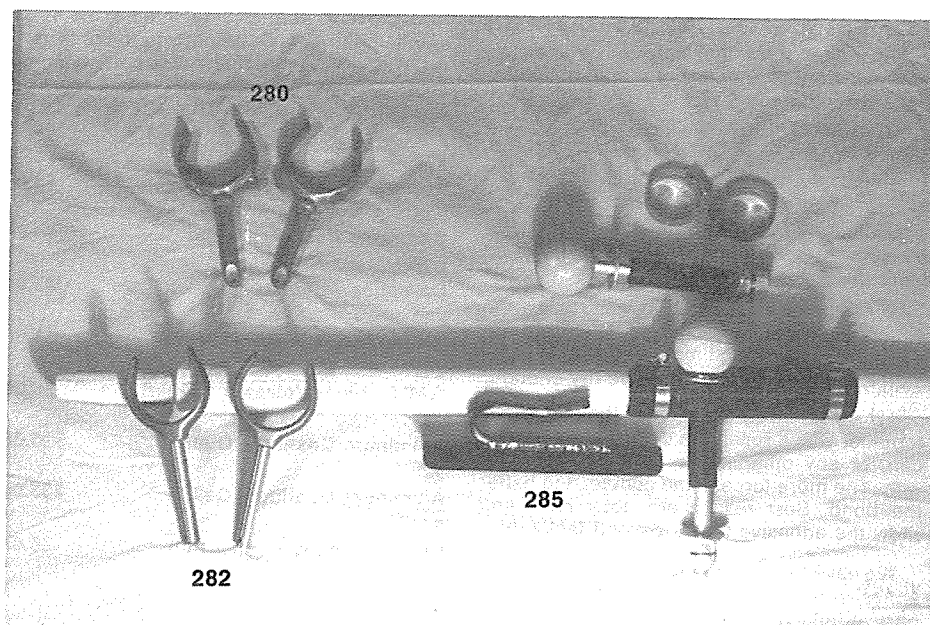
Pins and Clips are more popular in California and the Southwest than here in the Northwest where horn oarlocks predominate. The pin and clips give you more confidence and power in your strokes, but you lose some useful rowing maneuvers. After years of rowing open oarlocks, I (Bill Parks) have finally switched to pin and clips. You do lose some flexibility and subtlety in rowing and that is a nuisance, but the few times you need a really powerful stroke more than makes up for those losses. Beginners overwhelmingly prefer these over open oarlocks. Pat is still a holdout for open oarlocks, but he has power to spare that the rest of us don't! The set contains two ⅝" dia. bolts, bushings, rubber safety balls, nuts, and washers, plus the 2 clips and radiator clamps for fastening on the oar. **\$20.00 set**

286 EXTRA CLIPS

When using our #285 Pin & Clips, spare oars must have clips mounted before use, so here they are. Includes 1 clip and the 2 radiator clamps for fastening it to the oar. **\$7.50 ea.**

289 WYNN CLAMPING OARLOCK

These oarlocks clamp on the oar and slip down into any ⅝" dia. socket. They position the oar vertically and also hold the oar in a fixed position so it doesn't slide in or out. Spare oars must also have an oarlock on them (single oarlock sold at ½ the price listed). These are really best for smaller rafts, shorter oars, and very light use. Will not fit aluminum/plastic oars. **\$5.00 pr.**



290 STANDARD OARLOCK STANDS

These stands are professionally designed and manufactured for river use. They have a 5-¼" x 5-½" steel base with 4 mounting holes and a welded steel bracket that gives a 6" rise. The socket itself is ⅝" dia., offset 2" with a 14 degree outward tilt for correct oar alignment. The built-in rise and tilt make it much simpler to build a quality frame yourself. They can be used with any oarlock that has a ⅝" dia. shaft. **\$30.00 pr.**

291 HEAVY DUTY OARLOCK STANDS

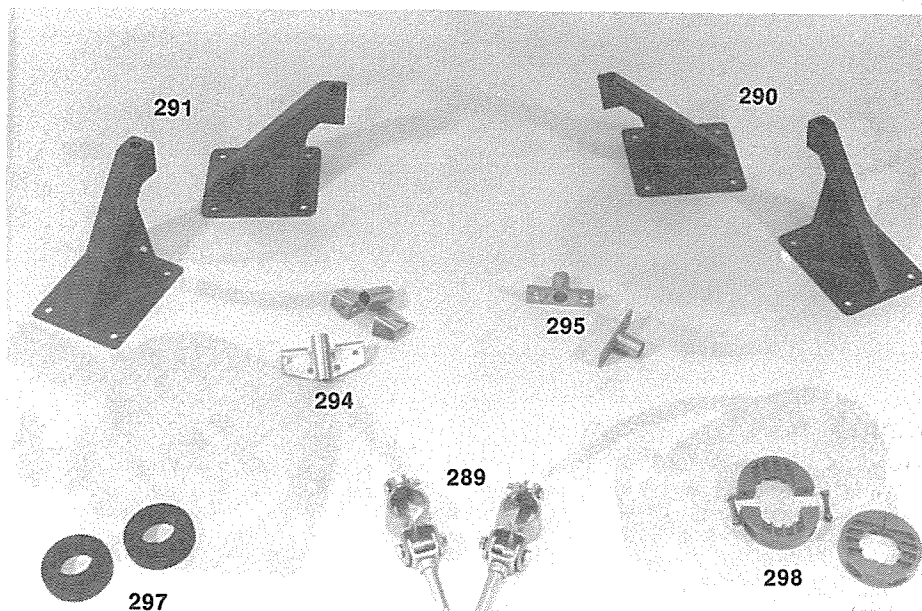
Whatever you design, someone can bend it up. So here is an extra heavy duty model with a longer socket, interior bushing, heavy gauge base plate, etc. We recommend these stands when using 10 ft. or longer oars. **\$40.00 pr.**

294 WYNN SOCKETS

Designed to be fastened to the outside of a wood block. Has an angle plate with holes for screws or bolts. These are a good set-up but not as heavy-duty as they should be for big rafts. Use with any ⅝" dia. oarlock. **\$2.00 pr.**

295 CAST IRON SOCKETS

A hole must be bored to mount these. Used on many raft frames with side rails, most people just drill a hole in a solid block of oak. These are galvanized cast iron and you have to be careful installing them or they will crack. Fits any ⅝" dia. oarlock. **\$2.00 pr.**



297 RUBBER STOPPERS

These rubber stoppers are used to keep the oar from sliding through the oarlock. Some people use a radiator hose clamp on the stopper to hold it in place, or you can glue or tape them into position (silicone rubber cement seems to be the best for glueing).

\$3.00 pr.

298 PLASTIC STOPPERS

Adjustable oar stoppers made of heavy duty plastic with locking bolts on each side. Can be shaped to fit the oar and hold firmly (must be enlarged to fit aluminum/plastic oars). Recommended as well worth the extra cost.

\$5.50 pr.

299 1/4" NYLON ROPE

To protect the oar from the oarlock, we suggest 1/4" nylon rope (anything from 1/8" to 3/8" will do), wrapped tightly and tacked with very small brads. Always pull the rope ends under the wrap (make sure the ends are on the top of the wrap — not on the sides where they will interfere with the oarlock), and then tack them down (too many brads or too large of brads may weaken the oar). This is what we wrap wooden oars with, usually 35' is needed per oar. Not recommended or needed with plastic/aluminum oars.

\$10 ft.

314 3 FT. POLY STRAP & HD BUCKLE

We spent a lot of time searching for a really good buckle for heavy duty use. Finally we found a maker of cargo slings that had a really sturdy buckle with an instant thumb release — and a strong 1" strap. Boats can really pull on frame tie-downs — this setup has the strength to take extreme conditions.

\$2.00

315 6 FT. POLY STRAP & HD BUCKLE

Same as #314, only 6 ft. long for tying down gear.

\$2.25

316 9 FT. POLY STRAP & HD BUCKLE

Same as #314, only 9 ft. long for tying down coolers, etc.

\$2.50

318 9 FT. STRAP

Regular nickel plated buckle and 1" wide poly strap. Good quality, but without the super HD buckle, and the strap sometimes abrades too.

\$1.50

320 HD CAM-ACTION BUCKLE

We know some of you will want to make your own straps, so here is the HD buckle that we use in our #314, 315, and 316 Poly straps.

\$1.50

324 1-3/4" D'S

These cadmium plated steel D's are what we use in our #310 D-rings. If you like to do it yourself and don't mind a low return on your time here's the ring to make your own D-ring patches. Package of 4.

\$1.00

326 BOLT SWIVEL SNAP

These are cast maleable iron and not cheap pot metal. They are handy for baggage lines, etc. Bill McGinnis doesn't think much of them because he says they might not stay closed in emergencies (WHITEWATER RAFTING), but they have never given us any trouble and we like them. Overall length - 3", dia. of eye - 5/8"

\$0.75 ea.

327 SPRING SWIVEL SNAP

These are the type recommended by McGinnis. Excellent for attaching to the end of a throw line when rescuing a raft. Overall length - 4", size of eye - 5/8", cast maleable iron.

\$1.00

331 1" WEBBING

Poly webbing for use in making up your own straps, D-rings, etc.

\$10 ft.

333 1-3/4" WEBBING

This is the heavy duty webbing that we use on our #310 D-ring patches.

\$20 ft.

338 1/2" BOW/LIFE LINE ROPE

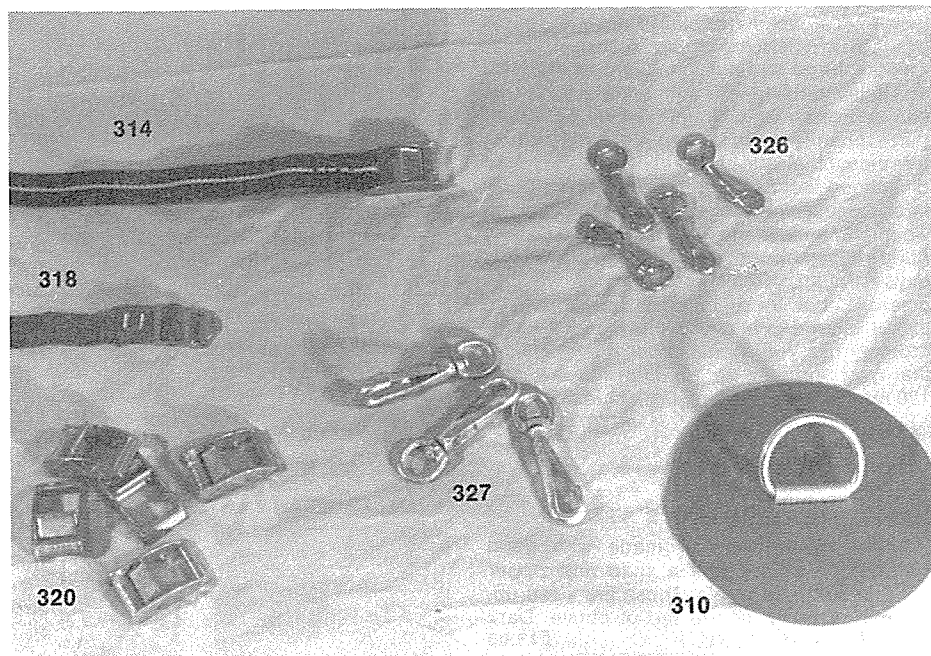
We did some checking around and found this 1/2" hollow braided poly rope to be the most practical rope on the market for bow and life lines. It's naturally ultra-violet resistant, rot resistant, floats, and is easy to work with (braids back into itself to go around D's and tie-downs, etc.) Yellow, sold by the foot.

\$0.20 ft.

339 NRS BELT BUCKLE

A quality, solid brass buckle with our NRS Logo on it. Commercialism! Well, maybe, but we still like'm. Other firms offer buckles for \$7.00 - not us, 3" dia. buckle with black background.

\$4.50



D-RINGS/STRAPS/HARDWARE

310 NRS D-RING PATCHES

We started our production on these items four years ago when we couldn't buy them, and we have improved them steadily. 6 1/2" dia. outer patch, 1-3/4" dia. cadmium plated steel D-ring, high quality heavy weight Hypalon material — use these for attaching frames, gear, etc.

\$6.25

321 STD. BUCKLE

These are the 1" buckles we use in our #318 straps. Great for poly or nylon webbing, they are easy to cinch up and release — get some webbing, sew your own straps — and get rid of that mess of ropes you've been using to tie down gear. Package of 10.

\$0.75

323 1" D'S

High quality cadmium plated, heavy duty welded steel 1" D's. For use in making your own gear tie-down points or whatever. Package of 10.

\$1.00



ACCESSORIES

341 RESCUE LINE

Ann Dwyer has really produced a quality item this time. It's 60 feet of 2,000 lb. test $\frac{3}{8}$ " solid/braid nylon rope in an orange nylon bag (it floats) that's always ready to throw. The snap-strap insures easy unhooking from the raft or canoe, both ends of the rope are treated with a non-slip material, and the bag keeps the rope out from under your feet. If you should miss with your first throw, then pull it back in and try again (no need to recoil the rope, water in the bag will provide enough weight to throw it a second time.) There are now a number of Rescue/Throw lines on the market — but this one is the best and is well worth the few extra dollars. **\$22.50**

342 THROW ROPE

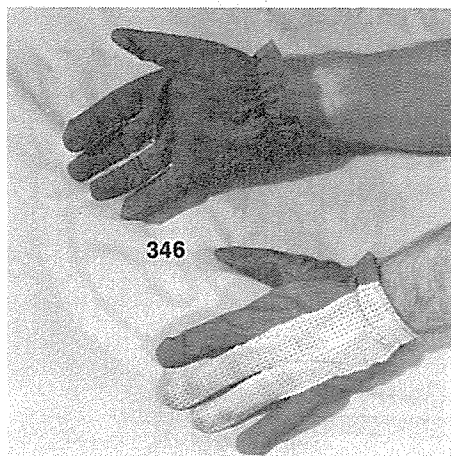
Another quality throw rope, this version doesn't have the snap-strap handle, nor the coated rope ends that the #341 Rescue Line has. Nevertheless, it does offer 50 ft. of 1700 lb. test $\frac{3}{8}$ " braided polypropylene rope in a convenient, bright orange nylon bag. It might be a good idea to take the time to reinforce the bag seams. If you're still too dollar conscious for this model, at least carry 50 feet of rope with you on the river. **\$14.00**

344 OTTER BAG

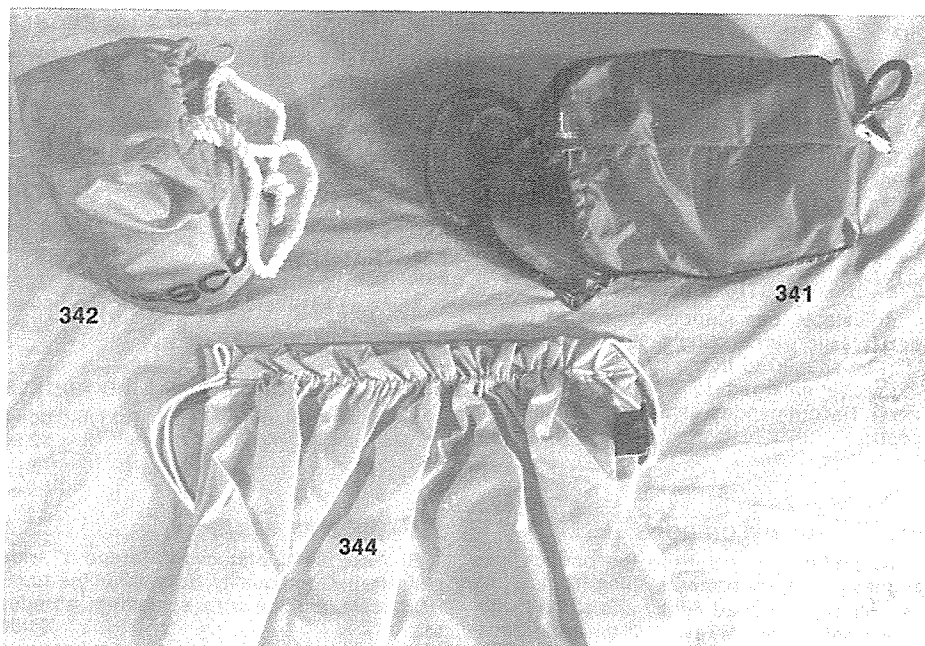
The Otter Bag is another great idea from Dragonfly Designs. It ties onto a thwart or seat as a catch-all for all those items laying around the boat: sweaters, suntan lotion, empty beer cans, maps, etc. Designed for canoes, but great for rafts. Made of a 1.9 oz. rip-stop K-kote nylon with a firm backing for easy opening. Measures 15" x 12" — really practical. **\$5.25**

346 VINYL GLOVES

Trying to solve a kayaker's problem led us to these gloves. They are light, yet very strong, and they provide a better grip than your bare hands. The coating seems to be the same stuff applied to tools to provide a good grip. We don't know how they do it, but the coated fabric breathes and provides very good ventilation. They dry out quickly and so protect your hands without letting moisture cause blisters. Really a super deal. Also provides some warmth for chilly days, but not much. Sizes S,M,L,XL. **\$5.00 pr.**



346



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350 RAFTERS JACKET

There are many good kayakers jackets on the market, but for rafting and canoeing we wanted a longer, fuller cut jacket with an optional hood if possible. Olam now makes the jacket we wanted, but they called it a wind jacket (it's water resistant, but not water proof.) It's a $\frac{3}{4}$ front zipper, pull-over jacket manufactured in a durable, flight-satin nylon. There is a large zipper and center pouch that can be used even with a life jacket on — and that's a handy feature. It has a drawstring bottom closure, elastic and snap wrist bands, and a full hood that can be removed with a zipper. Last August we had some really wretched weather here in Idaho (just ask Jimmie Carter) during which I wore this jacket and pants for 5 days straight. Nothing makes bad weather pleasant, but these made it bearable. The jacket is sized to fit over a down parka, so for ordinary use you should order a size smaller than you normally do. Medium fits 6 ft. and 180 lbs, XL is a small tent. Dark blue. Sizes are XS, S, M, L, XL. **\$25.00**



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352

352 RAFTERS PANTS

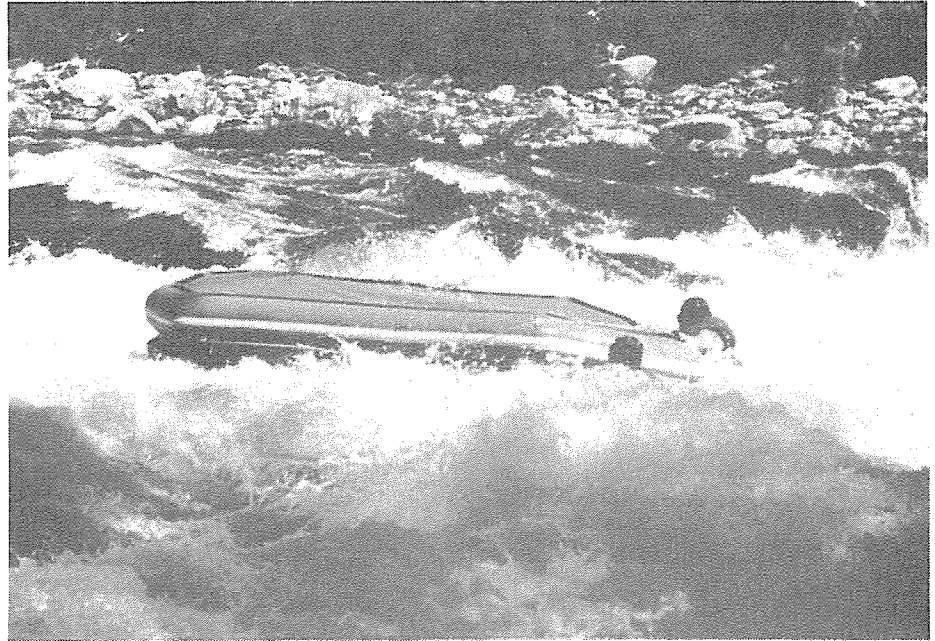
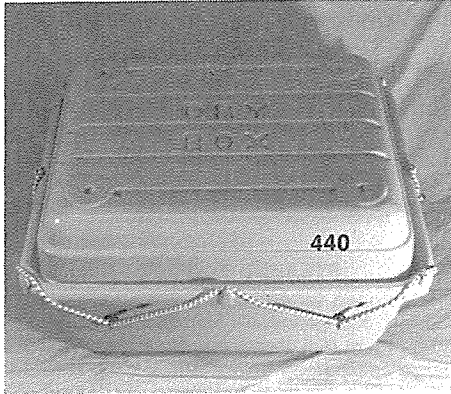
These pants are well made with good elastic in the waist and a snap and zipper front. Even has pockets. These are sized up, but not as much as the jacket above. Dark blue. Sizes S, M, L, XL. **\$15.00**

440 DRY BOX

When we first saw ads for this item we were skeptical. Though we still haven't tried it out, this is clearly a better mousetrap for the canoeist. Its capacity is huge—5.5 cubic feet. It seems indestructible in any foreseeable conditions, it's waterproof, etc., and weighs 15 lbs. For family canoeing it just can't be beat. For expeditions with limited short portages it's definitely the way to go. This may well be the first of a new generation of canoe containers. Dimensions are 17H x 25 x 31, bright yellow color. **\$90.00**

441 DRY BOX HARNESS

If you don't load it too heavy—or carry it too far, this harness can make the dry-box a serviceable portage pack. **\$20.00**



LIFE JACKETS

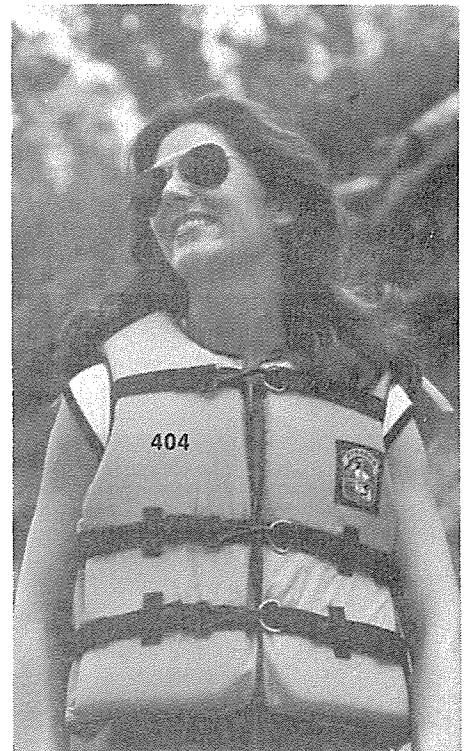
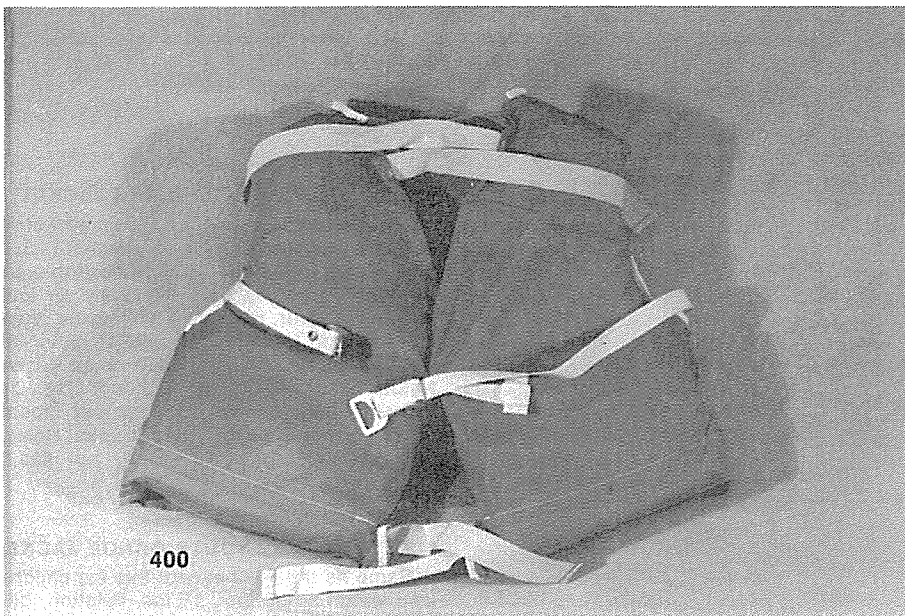
For lakes you might save some money and buy cheap vests at a discount house. For whitewater use — get something good!

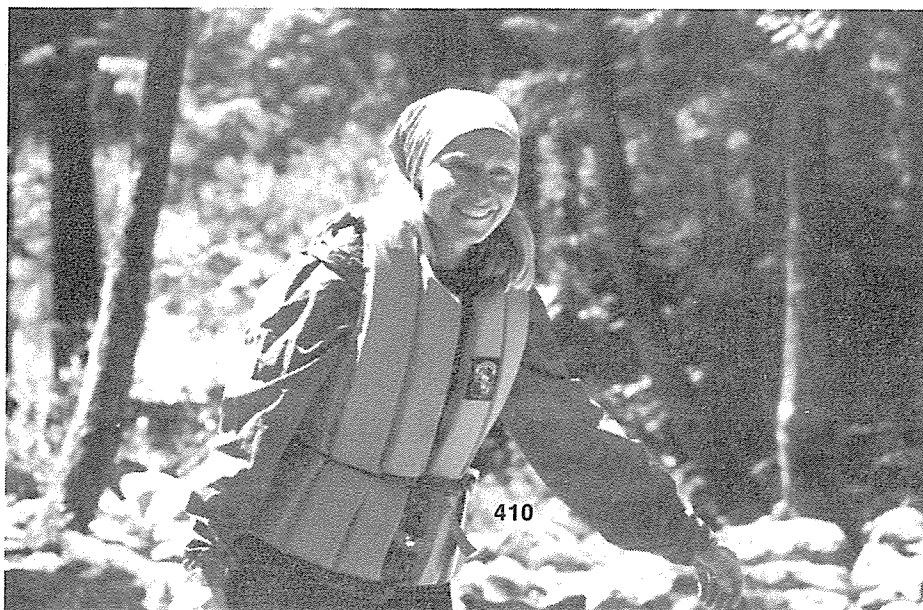
400 TYPE 1 JACKET

For maximum protection at a low cost, we offer the commercial all-vessel jacket (Mae West type). These jackets have vinyl pouches filled with kapok that provides at least 22 lbs. of flotation, improved closures (center strap has clasp, top and bottom straps are ties), and an outer shell of orange nylon. All jackets of this type should be treated carefully (do not compress) to avoid puncturing the vinyl pouches. **\$20.00**

404 RIVER RAFTING JACKET

This Stearns jacket has a solid feel and performs well in the water. These type III/V jackets are becoming very popular due to their greater dependability and comfort as compared to the #400 jacket. Two chest straps, side adjustment panels, and a third, lower adjustable strap provide a good fit and secure feeling. Coated orange nylon outer shell, solid foam filler that provides at least 22 lbs. flotation, and a padded foam filler collar that provides some behind the head protection when you're in the water. Large/XLarge size fits chest size 42" and over, Small/Medium fits everything under that (chest size 30-40) and in this latest model even fits the little people around 100 lbs. **\$42.00**





410 DELIVERANCE KAYAKING JACKET

Deliverance - crummy name - good kayaking jacket. Perhaps not as good as the Type V's and 1's, but more comfortable and pleasant to wear for any river use. This Stearns jacket has ribbed foam flotation (15½ to 17½ lbs. flotation depending on size) in a nylon shell. The bottom section may be worn up (probably should be) for comfort and so you won't mess up on your roll. Has a good zipper and cloth tie at the waist. Gold or blue colors. S (34-38), M (40-42), L (44-46), XL (48-50). **\$28.00**



415 BELTED AMERICAN JACKET

Many general purpose PFDs (Personal Flotation Devices) don't have a good body strap, something we believe is essential for their use in whitewater. The Stearns Belted American has a good design with a body strap, large zipper, and adequate adjustments and sizes to fit almost all adults. Sizes: Petite: (32-34), Small: (36-38), Medium: (40-42), Large: (44-46), and X-Large: (48-50). Color: High Visibility Gold. 15½ - 17½ lbs. flotation depending on size. **\$25.00**

416 STEARNS KINDERGAARD

Designed for children who weigh less than 30 lbs., this jacket will turn them face up and keep them that way in the water. It looks like a large collar (foam filled) with a body shirt under it. Slip it over the child's head, adjust the velcro side panels, buckle the safety belt, and your child has the second best protection possible. The best protection is to never leave an unsupervised child in or near the water. (The Stearns childrens jackets are now commonly available locally so we no longer list them in our catalog). **\$19.00**



412 GATSBY CANOEING JACKET

The Stearns Gatsby is a great jacket for comfort, thus people will wear it rather than sit on it. This alone makes it very desirable and for most canoeing trips it's really an ideal jacket. However, for severe whitewater, if you don't use a Type 1, we suggest either the Rafter's jacket or the Deliverance jacket. Nylon outer shell, foam filled, (16 lbs. flotation), mesh inner lining, zipper closure with a bottom chain, blue denim color, Universal adult size. **\$24.00**

413 GATSBY YOUTH CANOE JACKET

Same as the #412 except this fits children who weigh 50-90 lbs., 11 lbs. flotation, blue denim color. **\$23.00**

**P.O. Box 9243
Moscow, Idaho 83843**

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SHIP TO: (Only if different than "Ordered By")

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STREET

CITY STATE

ZIP PHONE

☐ I have moved since my last order. Old Address:

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State

Zip

[illegible]

Please check method of payment

☐ MONEY ORDER

☐ CHECK

☐ CREDIT CARD

Card Type ☐ BankAmericard ☐ Mastercharge

Card Number _____

4-Digit No. (Mastercharge) _____

Expiration Date and Letter Code _____

Signature

Shipping and Handling costs - see reverse side of order blank.

Method of Shipment

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☐ Parcel Post
☐ Motor Freight

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3% State tax

SHIPPING & HDLG

TOTAL

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(Pacific Time)

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SHIPPING & HANDLING

We are proud of the fast, dependable service that we offer. If your order cannot be filled and shipped in two working days, we will let you know what the problem is and when you can expect delivery. Whenever possible we will ship via UPS, however if you use a post office box as a return address we are forced to use parcel post (we have found it to be much slower and more costly).

For orders shipped via UPS to the lower 48 states our policy is to charge 5% of the merchandise amount for shipping and handling with a minimum of \$1.50 and a maximum of \$10.00 in ID, \$15.00 in WA, OR, MT, and WY, and a maximum of \$25 in the other states.

For orders shipped via Parcel Post and UPS orders to Alaska, Hawaii, and Canada our policy is to charge 10% of the merchandise amount for shipping and handling with a minimum of \$2.50 and a maximum of \$25.00.

All orders that include large rafts, frames, or long ash oars (8 ft. or longer) will be shipped via motor freight. Our freight and handling charges are \$10.00 for ID, \$15.00 for WA, OR, MT, and WY, and \$25.00 in the rest of the lower 48 states. All motor freight shipments to Alaska, Hawaii, and Canada will be shipped freight collect: FOB Moscow, Idaho.

343 THRO-LINE

The folks at Whitewater Sports spent alot of time working on the details of their new rescue line. Most importantly, they agreed that both the bag and the line should float, and they do! The Thro-line is 60 ft. of $\frac{3}{8}$ " dia. 2700 lb. test polyester/polypropylene rope in a bright orange nylon bag with a ethafoam flotation ring in the bottom of the bag. The line not only floats, but it also has excellent grip when wet (something we feel is very important). Of the 3 rescue lines/bags we offer, this newest addition may well be the best value for your money.

\$16.00

442 SIMA SPORTS POUCH

Although this bag arrived too late for field testing (or even inclusion in the main catalog) it looks like an excellent product. It's a double-walled vinyl inflatable camera bag with a zip lock closure (also has a velcro-tab flap that protects the zip lock). An adjustable sling is attached to two grommets near the top of the bag and seems ideal for carrying the pouch over your shoulder. This pouch is easier to open than the Phoenix bag and is large enough (12" x 14") to hold a SLR camera with a 135MM lens. Bright yellow with black carrying strap.

\$14.50

Phone orders accepted from 9 a.m. till 5 p.m. Weekdays.
(Pacific Time)

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\$14.50

WATERPROOF BAGS

NORTHWEST RIVER SUPPLIES

Our bags are now well established and we've worked all the minor bugs out of the design and production. While the quality keeps going up, the price unfortunately seems to be getting up there, too. We use a PVC-covered Dacron fabric which is extremely resistant to puncture, abrasion and weathering in all of our bags. We honestly believe these bags to be superior to any other bags on the market at any price. Bags are guaranteed for one year against defects in materials and workmanship.

420 BILL'S BAG

Although this bag turned out even better than we hoped for, we still discovered some minor shortcomings and made some improvements last year. For 1979 the only change is to increase the size of the velcro tabs that are used to position the top of the bag closed. Fill it with all your gear, press the velcro tabs together, roll down the top and cinch down the 2 top straps and 2 side straps — you now have a waterproof bag. The Bill's Bag is large enough to provide room for even the worst packer with his big Sears-Roebuck sleeping bag. Careful packers who don't carry a lot of extra junk can get two people's gear into this bag. The bag has 2 adjustable carrying straps on the back that can also be used to tie the bag to a thwart or frame member. Material is a bright Orange 18 oz. PVC-covered dacron, dimensions are 11" x 16", 34" high (measured packed full). **\$35.00**



420

424 BLUE BAG

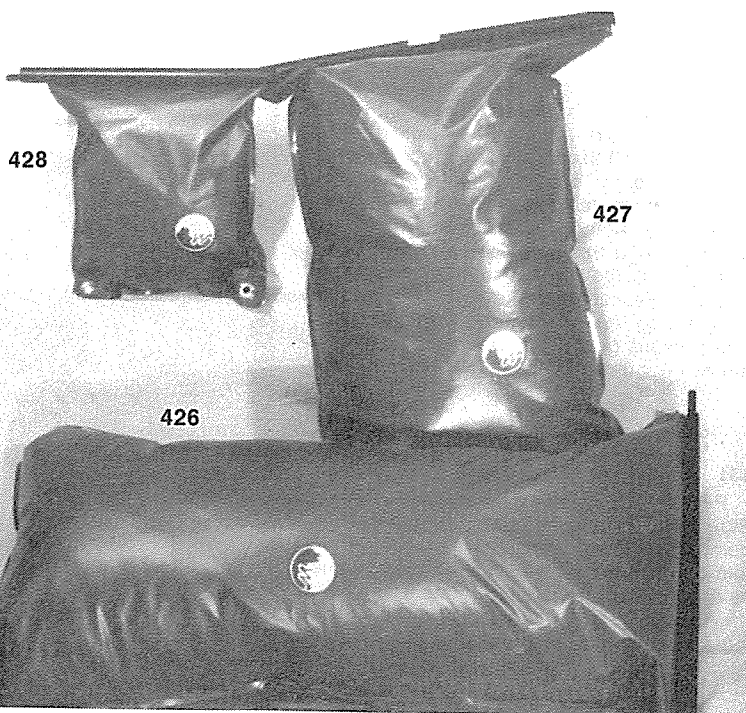
This bag started out too small for some of us poor packers, so we just kept making it larger and larger until most of us can now get all our personal gear into one! If you dismissed this bag before because of its size take a look at the new model. It is a handy size for easy storage and packing. The top and side straps give it a good seal. Still small enough to put behind a touring kayak seat, yet large enough for all your personal gear. 16 oz. PVC-covered dacron, bright blue color. Dimensions 8" x 15" x 30", (measured packed full). **\$30.00**

425 HEAVY DUTY PORTAGE PACK

This is a Bill's Bag in a 22 oz. material with extremely heavy duty hardware for those canoeists that put heavy gear in their packs and then add fifty pounds of rocks. Bag also has 1-3/4" padded shoulder straps and heavy duty patches to match. This bag should easily stand up to heavier, longer portages than you will! Forest green, 11" x 16" x 34" high. Not available until 1, April. **\$45.00**

426 EXPEDITION BAG

Because even our 12 oz. PVC coated Dacron material is much stronger than unsupported vinyl, we are using it in a new line of economical flat bags that offer substantial advantages over competitive bags. All bags use the patented Voyageur closure, have heavy duty corner grommets for tie downs and offer long life and high strength at a very competitive price. At 24" x 48" this bag provides a lot of well protected economical space. Bright blue 12 oz. PVC-covered Dacron. **\$20.00**



427 GEAR BAG

Same bag as number 426 above except more reasonably sized. Dimensions are: 24" x 36", just right for an overnight or two day trip. **\$17.50**

428 DAY BAG

Just the right size for lunch, a nylon shell, or a small camera. This is an excellent bag for easy access in a raft, canoe, or kayak. Dimensions are: 13" x 18". Bright blue 12 oz. PVC covered Dacron material with a Voyageur slide closure. **\$10.00**



424

OTHER BAGS

430 KLAMATH RUGGED PACK

This is a Duluth-type pack made with a heavy Cordura nylon bottom and a 6 oz. oxford nylon top (light material used to insure a tight "tie" closure). It has a 4 mil. plastic liner bag (26" x 42") that keeps your gear dry while the nylon outer bag provides the abrasion resistance needed for river use. Dragonfly Designs is noted for their well designed products, and this bag is no exception. Two shoulder straps (snap-ended & adjustable) and a large carry handle make this a convenient bag to use. It's large enough to hold one persons gear if you pack tightly, dimensions are: 10" x 17" x 23" (H). **\$30.00**

431 SEDA VINYL BAG

Pat uses these liner bags inside our Bill or Blue bags to help separate items (his from hers, clean from dirty, etc.). However we're told that some river runners use these alone as day trip bags. No matter how you use them they're a good buy. Clear 8 mil vinyl with sealing plastic zipper closure, 20" x 24". **\$3.00**



432 VOYAGEUR CAMP-PAK

These bags are a good buy for the money. It's a 12 mil. vinyl bag enclosed in a woven polypropylene sack for protection. The pak uses the Voyageur slide-closure to make a waterproof seal. Flat dimensions are: 22" x 36", weighs 1 lb. **\$11.50**

436 #1 PHOENIX DRY BAG

This is made out of 20 mil vinyl with a fold-over lip that fastens into a water tight clasp. Also has two heavy-duty grommets for tying it into a canoe, raft, or kayak. Dimensions are 13½" x 17". **\$11.00**

437 #2 PHOENIX DRY BAG

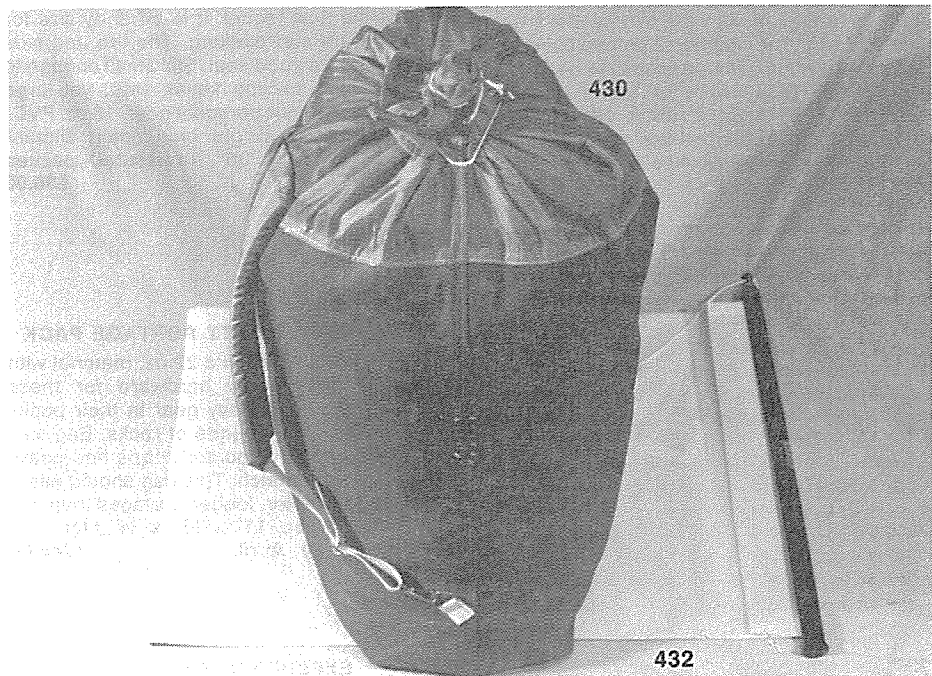
Same design as the #1 bag - but larger. Excellent choice for day trips if a change of dry clothes is desired. Dimensions are 18" x 22½". **\$14.00**

433 VOYAGEUR CAMERA BAG

For two years I've used a Voyageur camera bag to carry a camera in my kayak and it's been a super bag. The bag has an inner foam padding to protect your camera and a valve so you can add a little air for further protection. The stem is just long enough so I can blow up the bag after it is in the place behind the seat. The tab/ears are beyond the slide closure so if they were damaged the bag would still be water tight. Dimensions are 12" x 14", light blue 20 mil. vinyl, includes repair kit. **\$13.00**

434 X-LG VOYAGEUR CAMERA BAG

Same design as the #433 bag, only much larger. You can probably get a movie camera, with film or lunch, and a sweater in this one. Large enough to be a practical day bag, dimensions are 17" x 19". Light blue color, also includes repair kit. **\$17.00**



435 PHOENIX CAMERA BAG

If you want the ultimate protection for your camera or binoculars, this is your bag. This 20 mil. bag has a double bag construction putting a cushion of air between your camera and the outside. Maybe a little time consuming to get in and out of, but worth it. Measurements when closed (inner bag), 19" wide, 14" long. **\$24.00**

DRY BOX - SEE PAGE 12

438 SEDA DITTY BAGS

Another great idea by Seda - helps stamp out litter in your waterproof bags. 4 small (10" x 6" x 5") nylon bags in different colors to help organize it all. Square bottom design, draw-string closure, set of 4. **\$4.25 set**

439 MAP CASE

This see-through 8 mil. plastic pouch is great for maps and river guides, also can be used to store wallets, books, etc. Its' zip-lock closure makes it waterproof (and easy to open), while the corner grommet makes it easy to secure. Dimensions are 6¾" x 10". **\$1.75**

WET SUITS

Wet suits are a complicated topic and it's taken us some time to learn the relative merits of some types of wet suits. The heavier gauge suits (3/16" and 1/4") are sometimes necessary for diving because the neoprene compresses at depth. We don't sell these suits (except as special orders) because they give you sort of an ape-man feel, and aren't recommended except for those who dive. The 1/8" suits are flexible and comfortable and offer sufficient warmth for almost all trips including those in early spring. The farmer john pants and jacket combination provides two layers of neoprene over the vital body areas and should be sufficient protection for all normal situations. Arm and leg zippers are standard on all our suits that have arms and legs because after a day of kayaking, it's really a drag to take ten miserable minutes trying to get out of your suit. These suits are of the finest domestic nylon-lined neoprene - all suits carry a one-year unconditional guarantee against defects in material and workmanship. Full suits offer the most protection, and are also the most versatile: I wear the full suit for cold weather and the farmer john alone when it warms up. The short john provides emergency protection for rafters and canoeists, and is also a good kayaking suit for warmer weather. Also, because it doesn't have arms it provides a lot of freedom and you don't have to worry about smelling like a goat at the end of the day. For hot weather and cold water, try the Kayaker's vest. Wet suits are available in many models and styles, if you need a custom suit (or want a suit model we don't offer) - please contact us. Custom charges vary from \$5.00 to \$20.00 and delivery time averages about 3 weeks.

462 WILDERNESS JACKET

This jacket is cut an extra 6" long—thus it provides about the same protection and yet more freedom than the beaver tail type jacket. These jackets are made of 1/8" Rubatex nitrogen blown neoprene with a nylon inner liner. The full length front zipper, 2 arm zippers, and 6 sizes offer an almost custom made fit without the custom charge. We've found the sizes to be a bit large, so if you fit two sizes - we recommend the smaller. **\$40.00**

464 WILDERNESS FARMER JOHN PANTS

Same material and workmanship as found in the #462 jacket. Cut like a farmers bib overalls with leg zippers—an ideal rafters suit. Keeps your legs and body warm, yet doesn't bind the upper body and arms. Again, 6 sizes offer an almost custom fit—also a bit large so check the smaller size that fits you. **\$50.00**

466 WILDERNESS SHORT JOHN

Resembles a one-piece (and modest) bathing suit. 1/8" neoprene, velcro should entry with snap, short arms and legs. This suit is often worn under other clothing by rafters and canoeists for emergency protection. **\$36.00**

468 KAYAKER'S VEST

A very useful item. Good for those nice days with slightly chilly water. Particularly nice if you don't swim much. **\$21.00**



462



464

WETSUIT SIZING CHART

MEN	CHEST	WAIST	HIPS	INSEAM	HEIGHT	WEIGHT
Small	34-35	29-30	32-34	26-27	5' 6"-5' 8"	135-150
S-Medium	36-37	30-31	34-35	27-28	5' 7"-5' 10"	140-160
Medium	36-38	31-32	35-36	28-29	5' 8"-5' 11"	155-170
M-Large	38-39	33-34	36-37	29-30	5' 9"-6' 0"	160-175
Large	39-41	34-36	37-41	30-31	5' 11"-6' 0"	170-190
X-Large	42-44	35-37	42-44	31-33	6' 0"-6' 2"	190-200
WOMEN						
Small	31-33	24-26	33-34	22-24	5' 0"-5' 3"	95-110
Medium	33-36	26-28	35-37	25-27	5' 3"-5' 7"	110-135
Large	35-39	28-30	37-40	28-30	5' 7"-6' 0"	135-160
X-Large	38-40	31-32	38-41	30-31	5' 9"-6' 0"	150-170

** Custom suit information on request **



468

466

480 SEMI-HARD SOLE BOOTS

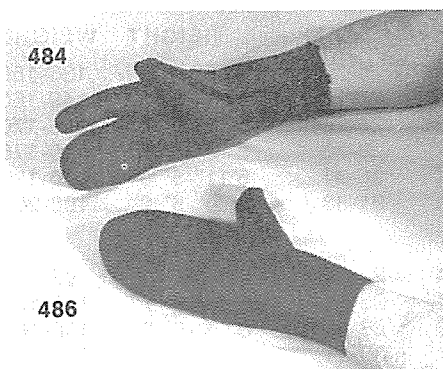
The soles are thicker (3/32") than they were in the past so there is less chance of rock bruises. The best way to keep your feet warm and also protect your feet from stickers and sharp rocks is to wear these boots inside a pair of tennis shoes. Make sure the shoes have rubber soles instead of vinyl for better grip. Also, some people like to glue indoor-outdoor carpeting on the soles of the tennis shoes to give better traction on rocks. 3/16" neoprene nylon uppers, Mens sizes 4-13 (please state if ordering women's sizes).

\$13.50 pr.

482 MOLDED SOLE BOOTS

These are a new (and we believe superior) type of wetsuit boot. They have a molded non-skid rubber sole that provides great traction and good abrasion resistance. Kayakers often wear out the heel of their boots against the bottom of the kayak - this shouldn't happen with these boots. I wore a pair all last summer and found them to be very comfortable. 3/16" neoprene nylon uppers bonded to a 3/8" rubber sole. (Last year we listed these as having a 3/4" inch sole - not true. Sorry!) Mens sizes 6-12 (please state if ordering womens sizes.)

\$22.00 pr.



484 THREE-FINGER MITTS

These were a new style mitt for us last year. We've found this design gives a better grip, and may last longer than the old style mitts. The finger seems rather narrow to us, but maybe we have fat fingers! You still can't pick up a dime with the mitts on, but how many dimes do you need on a river? Very practical for both kayaking and canoeing. Sizes: S, M, L.

\$9.00 pr.

486 WETSUIT MITTS

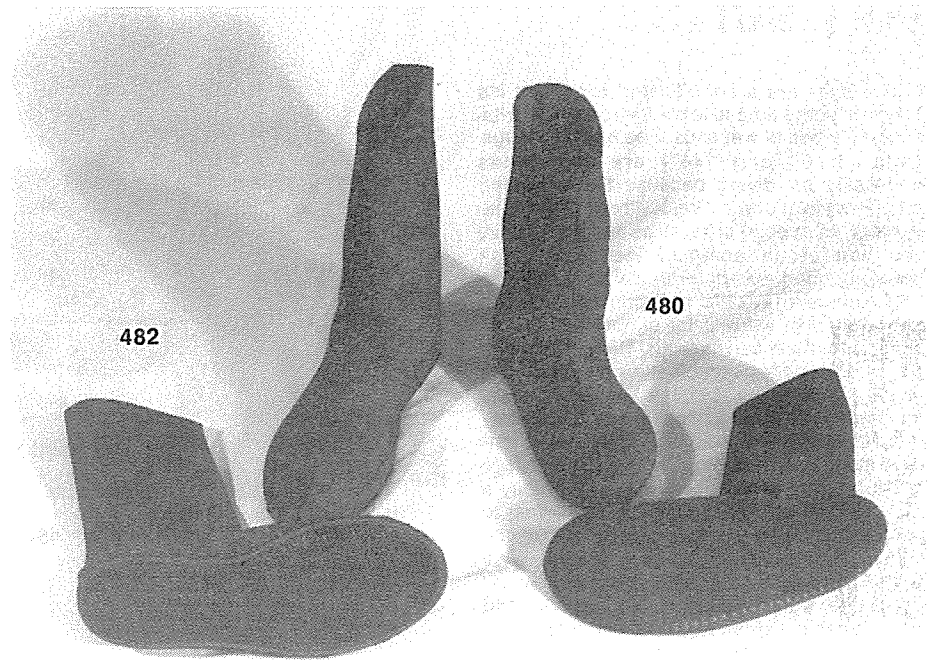
For real warmth and comfort you still can't beat these "old style" mitts. You lose some finesse, and you may get tired gripping the paddle, but the extra warmth is worth it. Sizes: S, M, L.

\$8.50 pr.

488 WETSUIT GLUE

Really a black liquid neoprene in some sort of solvent base. Use for fixing your spray skirts or wet suits, or can even be used for repairing rafts. 4 oz. can with brush top.

\$2.00



KAYAK AND CANOE ACCESSORIES

KAYAK PADDLES

601 ILIAD KAYAK PADDLE

The Iliad paddle is the best handling and most durable paddle we've found. Truly this is the best paddle we have ever used and its widespread popularity is well deserved. After convincing most of us that the neoprene grip was superior, Iliad switched without warning to a vinyl grip. We received an excellent, though really strong letter, from an Alaskan customer taking us to task for this change. (Not guilty!) Anyway, the new grip is not as good with gloves in cold water, but it doesn't give you blisters either. We offer three lengths: 82", 84", and 86". For most people the 84" length is correct, smaller than average - 82", larger than average - 86". Yes, Iliad does make a less expensive model of paddle, but it's not meant for whitewater use. **\$65.00**

602 ILIAD SPOON BLADE-RIGHT

Same quality paddle as the #601 paddle, but with a slight spoon blade. Vinyl covered shaft, blade measures 8 3/8" x 22". 84" paddle weighs 3.2 lbs. right hand control. 82", 84", and 86" lengths. **\$65.00**

603 ILIAD SPOON BLADE-LEFT

To equalize the strength of your brace and stroke, some people recommend using your weaker hand as the control hand. However, you won't find many people to trade paddles with if you use a left-hand control. 82", 84", and 86" lengths. **\$65.00**

604 SEDA SPOON BLADE

Clearly spoon blades are more efficient than flat blades. Seda combines the proven advantages of a spoon blade with the flex and power of a quality epoxy fiberglass shaft. 8" x 18" polyester blades, stainless steel tips, right-hand control, weighs approx. 3 lbs. Lengths: 80", 82", 84". **\$47.00**

605 84" NRS PADDLE

Large blades and low price make this an excellent beginners paddle. We use Cannon Magnum blades (9" x 20") and Alcoa 6061-T6 aluminum shaft with shrink fit vinyl grips that give an excellent grip and help keep your hands warm. Internal caps keep water out (it floats). Shipped unassembled. **\$25.00**

606 7 FT. BREAK-DOWN PADDLE

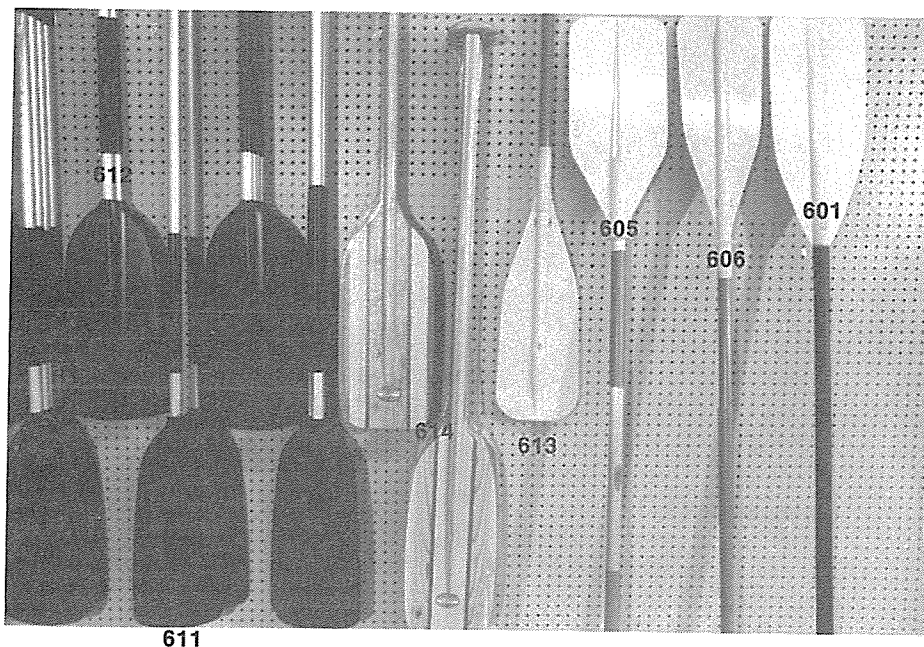
These Carlisle AuSable 7 ft. breakdown kayak paddles have 8" x 20" blades, smooth ABS plastic covered 1-1/8" shafts, and the most secure slide-lock joints we have seen. The breakdown feature allows you to carry it under your float bags, or with the use of the #607 handles — have the rafters/canoes carry your spare paddle for you. Beige blades with brown shafts, weighs 50 oz., waterproof so it floats. **\$27.00**

607 CARLISLE ADAPTER HANDLES

These handles allow you to change a Carlisle Ausable breakdown kayak paddle into 2 canoe/raft paddles — the best idea we've found for taking along that spare paddle. Sold only in pairs, 7 ft. kayak paddle becomes two 60" canoe paddles. **\$6.00 pr.**

608 8 FT. BREAK-DOWN PADDLE

Same quality paddle as the #606. This is the paddle we recommend for use with the inflatable canoe/kayaks (their added width makes it a bit difficult to paddle with a normal 7 ft. paddle). Beige blades with brown shaft, with #607 adapter makes into two 66" canoe/raft paddles. **\$28.00**



611

609 9 FT. NRS PADDLE

Same as the #605 but 24" longer. Bill Rollins first persuaded us to make these double-bladed canoe paddles. They are far superior to single-bladed paddles for solo canoeing, and improve tandem paddling almost as much (also can be used in the small yellow duckie type rafts). We use them for canoeing and wouldn't trade them in on **any** single-bladed paddle. The big blade and long length allow you to set up an easy rhythm and really move along. The technique is really quite simple — and the advantages are obvious the first time you try them. Shipped un-assembled. **\$30.00**

CANOE AND RAFTING PADDLES

Paddles have progressed a long way in just the last few years. The new aluminum and plastic paddles are stronger and less expensive than quality wood paddles. For whitewater rafting, fairly long paddles may still be necessary, but for canoeing, the wider shorter blades allow you to use a shorter paddle. Don't get sucked in by all that up to your chin, nose or forehead stuff. Choose a shorter, more comfortable length. Rafters will need the slightly longer lengths, particularly in a raft with large tubes.

611 STANDARD MOHAWK PADDLE

We have now had a couple of year's experience with these paddles and they are still an outstanding buy. Despite their low price (it takes us just as long to wrap a Mohawk as it does to wrap an Iliad), we still prefer them to competitive models costing twice as much. The 1-1/8" dia. shaft is anodized, has a heat shrink vinyl shaft grip, and a molded plastic T grip which is comfortable and gives good control. The tough ABS plastic blade has a metal

insert. It can take a 45 degree bend in the lower blade, and seemingly it suffers no ill effects. The paddle and T grip are forced inside the shaft — the result is a waterproof (it floats) paddle. We offer three lengths: 57", 60", and 63" (8" wide blade). 60" is the most common choice for rafting use. **\$9.00**

612 MAGNUM MOHAWK PADDLE

The 9" wide blade gives you more power and is likely to become very popular with whitewater boaters, 57", 60", and 63". **\$13.00**

613 CARLISLE AUSABLE PADDLE

An extra heavy duty model for extreme whitewater use, this paddle is the ultimate in durability. (Probably could double as a pry bar). Heavy duty 8" x 26" ABS blade, .058 wall, 6061-T6 vinyl covered aluminum shaft, T grip, etc. 60" and 66". **\$20.00**

614 SAWYER CANOE PADDLE

If you love the feel, flex and look of a fine wood paddle, Sawyer has the paddle for you. I don't know what the differences are, but these paddles just feel better than the aluminum and plastic. I'm too hard on a paddle to use wood in whitewater, but if you are careful, these are fine there, too. You can use these paddles for a full day without feeling the strain. The SCT-8 has a modified T grip, a laminated 3 piece fiberglass reinforced blade and a quality shaft finished in a durable marine finish. Weighs less than 2 lbs. Sizes: 54" and 60". **\$18.00**

615 SEDA CANOE PADDLE

This paddle has a quality fiberglass shaft, which flexes enough to really feel good and yet still is extremely strong. The 9" x 20" polyester laminate fiberglass blade is reinforced with stainless steel tips for longer life. An excellent general purpose cruising and whitewater paddle, molded "T" grip handle, weight: approx. 2 1/2 lbs. Lengths: 56", 60", and 64". **\$31.00**

YAKIMA FOOT BRACES

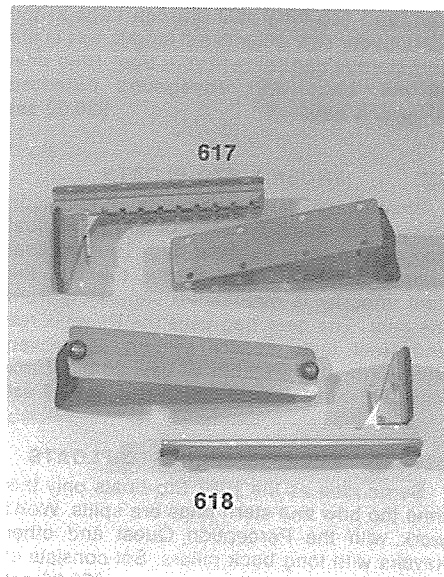
If you are making your own kayak, or have bought one without braces, these individually adjustable foot rests are just the ticket. They have a simple little latch to adjust them easily - you can even adjust with your foot while sitting in the kayak! They have a neoprene covered foot pad and are the best foot braces we have ever seen! We offer models for fiberglassing or drilled and tapped with screws. In the past we recommended fiberglassing, but the new screw-in models are so simple and neat you must be a fanatic to take the extra effort to fiberglass (if you do — be careful not to get resin in the slide!).

617 9" GLASS-IN FOOT BRACE

These have holes bored in the base plate to help the fiberglass bond them in — 6 1/2" adjustment slide. **\$10.00 pr.**

618 10" SCREW-IN FOOT BRACE

All it takes is two screwholes and these are in place. Screws included, 7" adjustment. **\$10.50 pr.**



FLOTATION BAGS

621 KAYAK FLOAT BAGS

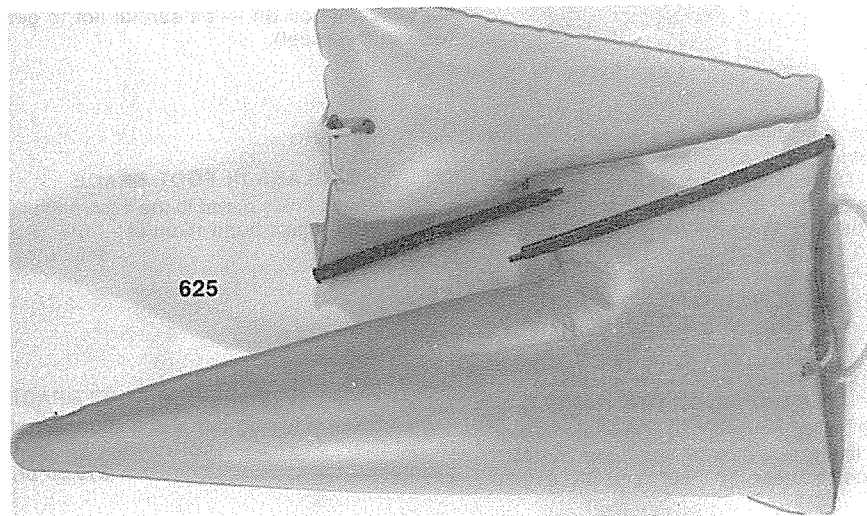
Why risk it? These are a great help in keeping your kayak healthy. 20 mil. vinyl, high quality seams, inflation tube and large deflation valve. Bow and stern bag. **\$20.00 set**

623 KAYAK SPLIT BAGS

Designed for boats with foam center pillars, these are quality 20 mil. vinyl bags to keep your boat afloat. Set of 4 bags (2 bow and 2 stern). **\$27.50 set**

625 VOYAGEUR STO-FLOATS

We switched to Voyageur Sto-floats after seeing these bags in use for several years. The quality of these 20 mil. blue vinyl bags has always impressed me. They have a positive closure that resists the pressure of big water on the deck. The side entry slide is easy to open, but somewhat difficult to get your gear in and out of. Set includes bow and stern bag and repair kit. **\$33.00 set**



626 VOYAGEUR SPLIT STO-FLOATS

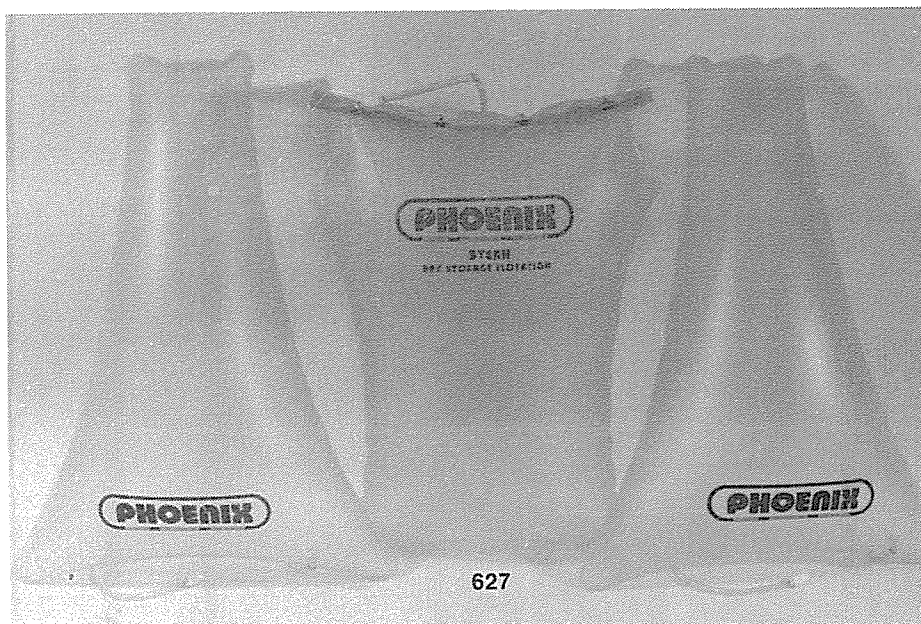
Voyageur uses small standard split bags in front and two long split storage bags in the rear. If your rear pillar is full length, this is the only storage bag set to fit your boat. Blue vinyl 20 mil. bags with Voyageur's patented closure. 4 bags. **\$38.00 set**

627 PHOENIX STO-FLOATS

Phoenix has developed a nice combination storage set which consists of two short float bags and a large sto-float bag. The two float bags stay inflated all the time, this way the float integrity is maintained separately from the gear. The gear bag uses the Phoenix roll and twist lock closure system — proven trustworthy thru seasons of use. 20 mil. clear vinyl, set consists of 3 bags. **\$40.00 set**

628 PHOENIX SPLIT STO-FLOATS

Same idea as the #627 Sto-floats only this time the bow and stern bags are splits. Won't work with the Perception Quest and other kayaks with long back pillars. Set consists of five bags. **\$52.00 set**



630 VOYAGEUR VINYL REPAIR KIT

This kit isn't as extensive as some — it's just a tube of vinyl cement and some small pieces of 20 mil. vinyl in a handy foam pouch. But it's a lot less expensive than the bigger ones and adequate for any repair job we've had. **\$1.50**

631 C-1 FLOAT BAGS

20 mil. vinyl bags to keep your boat healthy if you should decide to leave it suddenly. Set consists of 2 bags. **\$21.00 set**

633 C-1 SPLIT BAGS

Same idea as the #631 bags, only for those of you that use center pillars or braces. Set consists of 4 bags. **\$32.00 set**

635 C-2 FLOAT BAGS

Same as 20 mil. vinyl construction, only the set consists of 3 bags. One large center bag and two short bow and stern bags. **\$30.00 set**

637 OPEN CANOE FLOAT BAG

It's a big 3' x 4" center bag for paddling open canoes in whitewater. 20 mil. vinyl construction, has 4 grommet tie-downs. **\$18.00**



SPRAY SKIRTS

641 NRS SPRAY SKIRT

This is our high quality standard length spray skirt. Don't avoid this one just because it's less expensive. 3/32" nylon/neoprene, sewn and glued seams, stretch-type draw cord, fits any boat that measures 72" or less (measure under cockpit rim with a rope or cloth tape). Waist sizes: Small - fits up to 30", Medium 31" to 35", Large - 36" and up.

\$22.00

642 SUPER SPRAY SKIRT

Aquaterra makes this skirt. It's a rugged 1/8" Nylon/neoprene with overlapped glued seams and long waist tube. Also has a reinforced grab loop with a wiffle ball and a foam pad built inside the back so you can roll and paddle in comfort. This is one of the best spray skirts we have seen — well worth the price. Small fits up to 30", Medium - 31" to 36", and Large 37" and up. Fits boats with cockpits up to 74".

\$27.00

643 SPRAY SKIRT KIT

Manufactured by Wildwater Designs, this kit offers an innovative design that allows you to fit your waist and Kayak exactly. Well thought out and easy to follow directions. Kit contains two large pieces of 1/8" Nylon-Neoprene, Bungee cord, neoprene tape, adhesive, instructions, etc.

\$21.00

644 NRS TOURING SKIRT

Same construction as #641, fits boats with cockpits larger than 73". Waist sizes: Small - up to 30", Medium - 31" to 35", Large 36" and up.

\$24.00

645 SUPER TOURING SKIRT

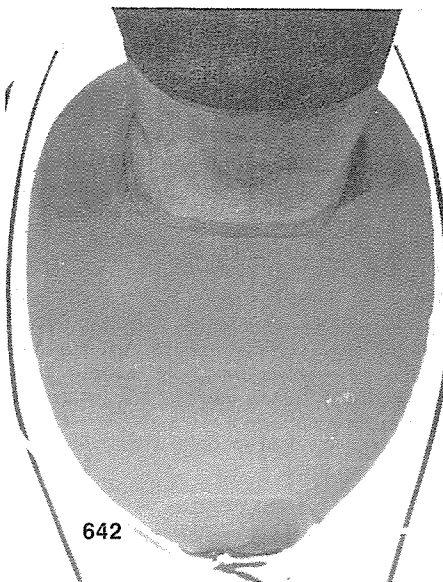
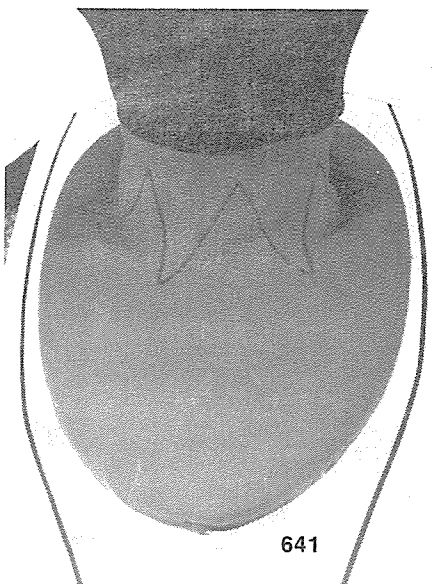
Same quality construction as the #642. Designed to fit boats with cockpits larger than 74". Waist sizes the same as the #642.

\$29.00

649 C-1 SPRAY SKIRT

A 1/8" nylon/neoprene spray skirt to accommodate the kneeling C-1 or C-2 paddler. Fits all common decked canoes. Made by Aquaterra with waist sizes same as #642.

\$27.00



HELMETS/JACKETS/

MISCELLANEOUS

650 NONA HELMETS

The Nona helmet has a high impact fiberglass shell, a styrofoam liner with velcro-backed foam pads for sizing, and a heavy duty chin strap with a D-ring type closure. We offer the helmet complete with chin cup and detachable visor in your choice of either Orange or White. S/M fits size 7 and smaller. L/XL fits sizes 7 1/2 and up.

\$40.00

651 SEDA HELMET

A lightweight polycarbonate helmet - this is the one that most racers (K-1, C-1, etc.) wear. We offer it as an inexpensive helmet for rafters and whitewater canoeists that might otherwise be tempted to do without. Universal size, adjustable suspension, weighs less than 1 1/2 lbs., blue.

\$17.00

652 PERCEPTION HELMET

This lightweight helmet uses a plastic shell and removeable dual layer closed/open cell foam to insure comfort and protection. Drain and ear openings in the molded Dupont Zynel shell complete the basic design. Its light weight, adequate protection, and outstanding comfort has recently caused several of us here at NRS to switch to this fine helmet. Includes chin strap with snaps. Yellow or red. Sizes: Small - up to 6 3/4", Medium - 6 7/8" to 7 1/8", Large 7 1/4" to 7 1/2", XLarge - 7 3/4" up.

\$27.00

662 AQUATERRA PADDLING JACKET

This jacket is a simple raglan sleeve design that has proven to be very comfortable, dry and warm. It's manufactured in a dark blue, waterproof nylon with contrasting color stripes under each arm. Has a large (center of the chest) kangaroo pouch with a zipper closure and a drawstring waistband. It doesn't have a hood, but it has a velcro and snap closure system on both the arms and neck. Sizes run a bit large: Sm., Med., Lg., and XLg.

\$27.00

665 FIBERGLASS REPAIR KIT

Most other kits are just resin, hardener and cloth, but Seda took the time and effort to put in all those little extra items like brushes and stirrers that really help simplify a repair job (especially on a trip). Packaged in a metal can, contains 1 pint resin, hardener, cloth, etc., etc.

\$12.00

667 SEDA BOAT POLISH

This stuff really brings back the color and life to a well used boat. 8 fl. oz.'s of non-toxic, biodegradable, non-explosive polish in a plastic bottle.

\$2.50

668 SEDA BOAT TAPE

If you're going to take the time to polish it, the least you could do is replace that beat up old seam tape. 1" x 36 yards. Black, or white.

\$4.00



KAYAK CARRIERS

The workmanship on the Yakima Kayak Carriers, as on all products designed and built by Otto Lagervall, is just fantastic. Yakima carriers have a 1-1/8" anodized aluminum bar with two quality "feet" on each side padded by 1/4" neoprene. The saddles for the kayaks are also padded with neoprene to protect the boats.

670 STANDARD KAYAK CARRIER

Includes two 54" bars with attachments, saddles for 2 kayaks, hold down kits, etc. Everything you need to transport 2 kayaks. Drilled for accessories. **\$43.00**

671 VW KAYAK CARRIER

Same as the #670 carrier except the bars are 43" long and the "feet" are longer to compensate for the roof slope. Nice for some other sub compacts too because there is less chance of striking your head on the bar end. **\$43.00**

672 6 FT. KAYAK CARRIER

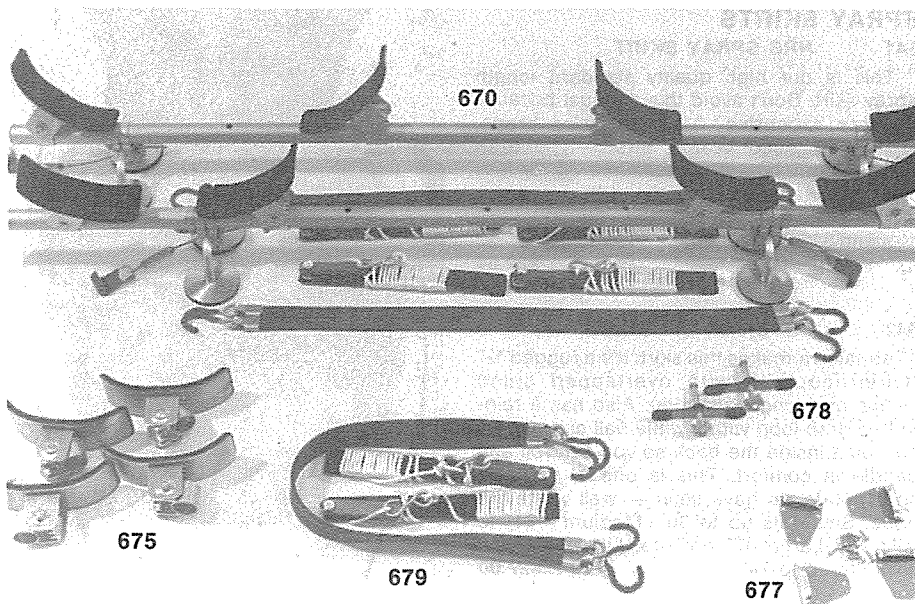
This is the best kayak carrier for a van or bus. All the equipment for 3 kayaks is included. If you only wish to carry 2 kayaks, deduct \$11.00 and state "for 2 kayaks" on your order. Because of its length, the 6 ft. carrier is not drilled for ski bars. **\$60.00**

675 KAYAK SADDLES

Set of 4 neoprene-lined kayak saddles, designed to fit a 1 1/8" dia. bar. The most practical and careful way we know to carry a kayak. Use with #676 below for other racks. **\$7.25 set**

676 1" BAR ADAPTERS

Set of 4 shims needed to make one set of Yakima Kayak saddles fit a 1" dia. bar carrier. (Quik-N-Easy, Ranger Racks, etc.) **\$1.00 set**



677 GUTTERLESS ADAPTERS

Set of 4 Yakima adapters for cars without rain gutters. Requires drilling holes into the roof to mount. **\$1.00 set**

678 YAKIMA SKI BARS

Ski bars (pair) for one pair of skis. An easy way to convert your kayak carrier for winter use. **\$1.25 pr.**

679 KAYAK HOLD DOWN PACKAGE

Rubber belts with plastic covered hooks, bumper clips, rope tighteners, bow and stern hooks, braided nylon rope. All the items necessary to fasten your kayak securely to your bumpers and rack. This package lets you secure the kayak in seconds without having to tie a single knot. **\$4.50 set**

CANOE CARRIERS

We carry the complete line of Quik-N-Easy canoe carriers and accessories. Their versatility and number of accessories let you find an ideal canoe carrier for almost any vehicle.

681 QUIK-N-EASY BRACKETS

These are those neat little brackets that allow you to make your own rack (from 2x4's or plywood). Set includes four brackets; complete with plastisol covered gutter hooks, turn-buckles, etc. — all you need to do is drill 4 holes, mount the wood and you have a rack. **\$19.50 set**

682 CAMPER BRACKETS

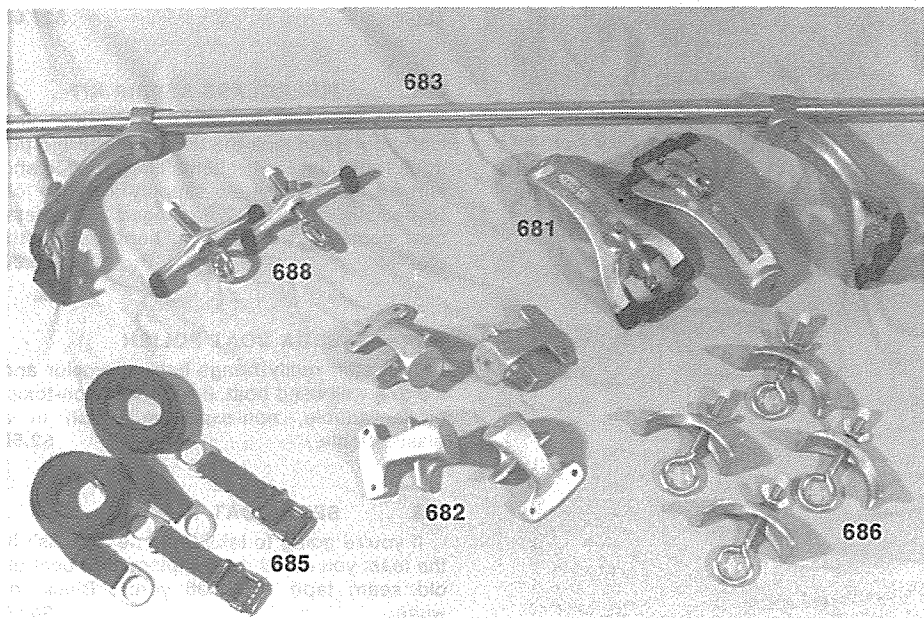
This bracket fits on your canopy or camper. Requires drilling before mounting - bolts not included. Quik-N-Easy's answer for the person who wants to build their own racks, but has a canopy. Set of 4 brackets. **\$16.00 set**

683 STANDARD CANOE CARRIER

Quik-N-Easy standard canoe carrier includes 4 tumbled yokes with levers, clips, tube holders and 2-60" long 1" dia. steel tubes. To carry one canoe add holdowns (either #685 or #686) and bow and stern lines (#694 & 695). **\$31.00**

684 DOUBLE CANOE CARRIER

Same as the #683 carrier except the bars are 78" long. Have no concern that two canoes might be too heavy. Quik-N-Easy zinc plated steel tubes are safety rated to carry up to 500 lbs. **\$36.00**



685 CANOE STRAPS

These clever straps buckle together and have metal attachments with circular holes that fit over the Quik-N-Easy tube. Thus, the canoe can be firmly attached to the bar carrier. Also use Bow and Stern Tie (#694-695) or equivalent. Complete strap set.

\$7.00 set

686 BOAT GUNNEL CLAMPS

These clamps slide over the tube and then clamp on the canoe gunnel to hold it firmly in place. An excellent high strength system. Clamps may mar some gunnels so padding is advised. Set of 4 clamps. Also use Bow and Stern Ties #694-695 or equivalent. **\$6.50 set**

688 QUIK-N-EASY SKI CLAMPS

Ski clamps set includes 2 clamps with eye bolts, wing nuts, and washers. Set holds 1 pair skis. **\$5.00 set**

692 RUBBER BELTS

Stronger than bungee cord and better hooks, too. 36" long, plastisol covered hooks — great for tying down kayaks, canoes, etc. Hooks can pull loose under extreme force so use a redundant tie down system. **\$2.25 pr.**

694 MANTA RUBBER ROPE

This is heavy-duty stuff. Use it with #695 hooks for securing canoes — 12' and 4 hooks make a good bow and stern tie down set. We've used it to lash down gear in a raft — great for just about anything. **\$.30 ft.**

695 STEEL HOOKS

Hooks for use with the #694 rubber rope. You need 2 hooks for each piece of rope. Package of 4. **\$.75 set**



INFLATABLES

Inflatable canoe/kayaks we can really recommend! Canoe/Kayak? They're open like a canoe but should be paddled like a kayak with a double bladed paddle. They also handle more like a kayak. We really like this design and for years have thought they were more fun than any other boat for playing in rivers without needing the skill level demanded for a kayak. The ribbed inflatable floor seems to be the key to their success.

750 K-57 TAHATI

This is the smallest practical model in the Tahiti line, but for one person without gear it's fine and you save some money, too. The Tahiti is made from specially formulated unsupported PVC material, but they seem to hold up pretty well and the limited (no rental or professional use) 12-month warranty protects you against seam problems. Beware of much cheaper boats, they are usually poor quality and don't last. Dimensions are 7'8" long, 2'6" wide, 3 air chambers with small valves. Weight: 10 lbs. **\$66.00**

751 K-77 TAHITI

This deluxe two person Tahiti is excellent for two persons or one person and gear. This larger version of the K-57 is most popular size for whitewater use. Dimensions are: 11' long, 2'10" wide, 9 1/2" dia. tubes, 2" bow and stern rise, 3 air chambers with small valves. Weight: 18 lbs. **\$130.00**

753 K-79 SUPER TAHITI

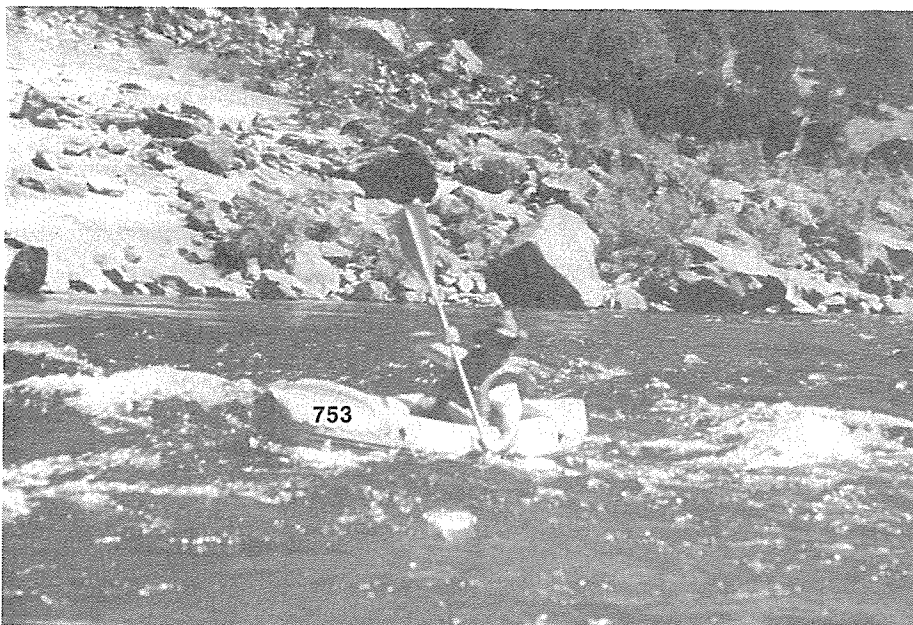
I first saw an earlier model of these on the lower Salmon being used by Orange Torpedo Tours. They were quite happy with them and felt this model offered substantial improvements over the K-77 Tahiti. We agree with them that this is a well-designed boat. Now renamed and improved, this new model has had a cosmetic change — it's now yellow with a red, white, and blue stripe. Although the Tahiti K-77 is the same size, this model weighs 8 lbs. more — heavier tube and floor material. It also has a larger, laced-in seat, an improved bow dodger, and 3 large one-way/screw-in valves. (These Boston Valves are really a big improvement). This boat is designed for use in whitewater by one person — and gear. Fine for 2 people, too. Dimensions are: 11' long, 2'10" wide, 9 1/2" dia. tubes, 4" bow and stern rise, 3 air chambers with large valves. Weight: 26 lbs. **\$175.00**

755 TAHITI REPAIR KIT

We make up our own repair kits - so you get more for your money. Includes 1 sq. ft. of material and 1 oz. of glue. **\$2.50**

757 340 SEA EAGLE EXPLORER

Leisure Imports has developed a new, stronger, supported PVC material for use in the Explorer line of boats. Relatively high strength and low expansion factors are obtained by using a polyester scrim between two vinyl layers. The seams are now overlapped 3/4" which promises exceptionally dependable service. In the past, holes could always be patched, but seam leaks and splits rendered many PVC boats useless - this new material should mean the end to seam problems. The #340 is large enough for two people, or one person and a few days gear. Dimensions are: 11' long, 2'9" wide, 9" dia. tubes, 2 large screw-in type valves in main chambers, inflatable floor, weighs 34 lbs. **\$320.00**





KAYAKS

WHITEWATER BOATS

Dick Helds' whitewater/slalom boats have become very popular here in the Northwest. His boats have four layers of glass cloth saturated with Isotholic resin and extra reinforcements in the bow, stern, and cockpit rim. The top mold is specially constructed so the rim can be an integral part of the deck. For more information write for Dick's brochure. Because of freight problems, all boats must be picked up in Moscow, Idaho or Cedar City, Utah.

761 SALMON

The Salmon is very maneuverable and has the high volume so desirable for use in big water. You can carry all your gear on a river such as the Salmon (guess where he found the name) and still not feel like you are paddling a log. Some big water boaters won't use any other model. Length: 13'2", beam: 23-7/8", weight: 33 lbs. **\$355.00**

763 LOCHSA

A smaller volume version of the Salmon in a fast medium/low volume boat. Has the same hull design as the Salmon, but superior ability to slice through "stoppers." If you don't need the carrying capacity of the Salmon, this boat may be the best answer. Length: 13'2", beam: 23-7/8", weight: 31 lbs. **\$345.00**

PHOENIX

Phoenix has risen in just a few short years to become the largest manufacturer and distributor of quality fiberglass Kayaks and accessories. They provide a complete line of slalom, touring, and downriver boats. Isotholic resins, fiberglass and nylon cloth go into their boats. They suspend the seat from the cockpit rim and include knee and foot braces. We generally carry two whitewater models in stock.

765 SAVAGE

A medium/low volume whitewater slalom boat with high maneuverability. Length 13' 1-1/2", beam 23 5/8". Weight: 27 lbs. **\$400.00**

766 CASCADE

Good name for a boat well suited to the Northwest. An excellent boat for whitewater touring because it has a deeper cross section than the Savage. Also the majority of the rocker is at the ends, giving better tracking ability. Length 13'2", beam 24-1/2", weight: 29 lbs. **\$400.00**

PERCEPTION

Bill Masters at Perception always seems to have an eye out for improvements and innovations in his kayak and canoe line. This time he has taken a giant step with a rotationally molded kayak that includes a roto-molded pillar system.

768 QUEST

Perception is well on the way to fulfilling the promise shown by rotationally molded "Tupperware" boats since their introduction in 1973. The design is a good looking medium volume slalom. The big news though is the internal frame and seat system which distributes stresses and, most importantly, provides internal strength to protect the boater in a "wrap around" situation. Length: 13'2", beam: 24", weight: approx. 37 lbs. **\$350.00**

KLEPPER

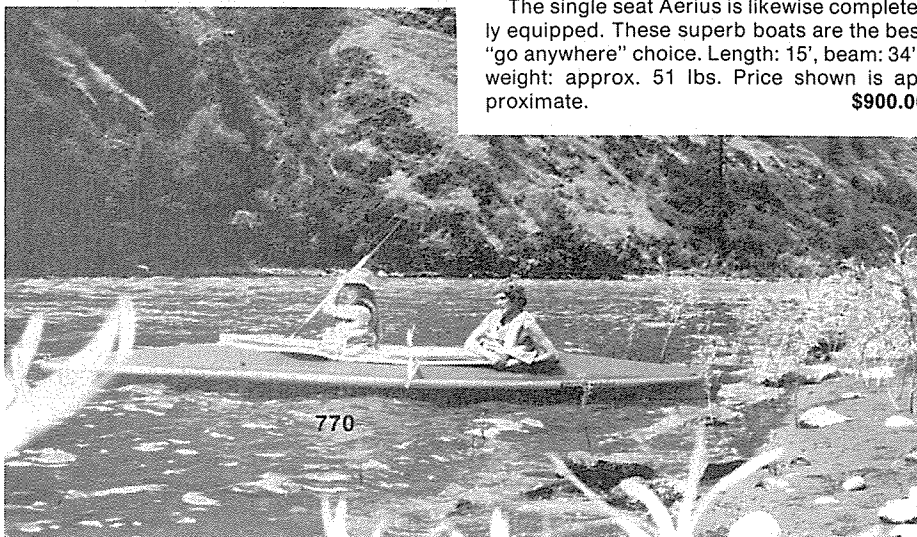
Klepper is the oldest and may be the most respected whitewater boat manufactured in the world. They have been building top quality folding boats for over 70 years. We believe touring kayaks to be much faster and more efficient than canoes, and why they aren't used more here is a mystery to us. With the availability of lightweight backpacking equipment it becomes unnecessary for a boat to be able to carry extremely heavy loads. Canoes are used because people automatically think "canoe" and don't consider the alternatives. Kleppers have been widely used for ocean touring, and are now becoming more popular inland. Klepper brochure available on request.

770 AERIUS II

This is the Klepper folding kayak that has been used all over the world — it's the absolute tops in its field. Packs down into 2 bags, yet its total weight is only 70 lbs. The 31-piece wooden frame (hand-crafted Ash and marine-laminated Finnish Birch) assembles in less than 30 minutes without tools or force (snaplocks into place). The shell has a heavy hypalon hull and a weather resistant canvas upper deck. Built-in airspoons assure stability and seaworthiness; all metal fittings are anodized and rust-free. Boat comes complete with accessories: seat cushions, back rests, 2 wood touring paddles, carry bags, and repair kits. Dimensions are 17' length, 34" beam, weight: 70 lbs. Price shown is approximate. **\$1,000.00**

772 AERIUS I

The single seat Aeriuss is likewise completely equipped. These superb boats are the best "go anywhere" choice. Length: 15', beam: 34", weight: approx. 51 lbs. Price shown is approximate. **\$900.00**



CANOES

GRUMMAN

Grumman canoes are light, very well designed and excellent quality. Product tests made by others and reported in CANOE MAGAZINE indicated Grumman first among aluminum canoes in quality, maneuverability, etc. Same freight problems as kayaks so you must pick these up in Moscow, Idaho.

775 17 FT. WHITEWATER CANOE

This model is made of .050 6061 aluminum alloy, has a beam of 36" and a weight of 81 lbs. Seven ribs provide extra strength and the shallow shoe-keel gives excellent maneuverability. **\$520.00**

777 17 FT. STANDARD CANOE

This model has the same dimensions as the whitewater canoe, but has only 3 ribs and weighs 74 pounds. The standard T-keel gives excellent tracking ability for cruising, can be used for light river use — but we don't recommend it. **\$475.00**

OLD TOWN

Old Town is the longtime builder of quality canoes. They bring their same quiet quality to their latest canoes as they do to their traditional wooden ones.

780 OLTONAR TRIPPER

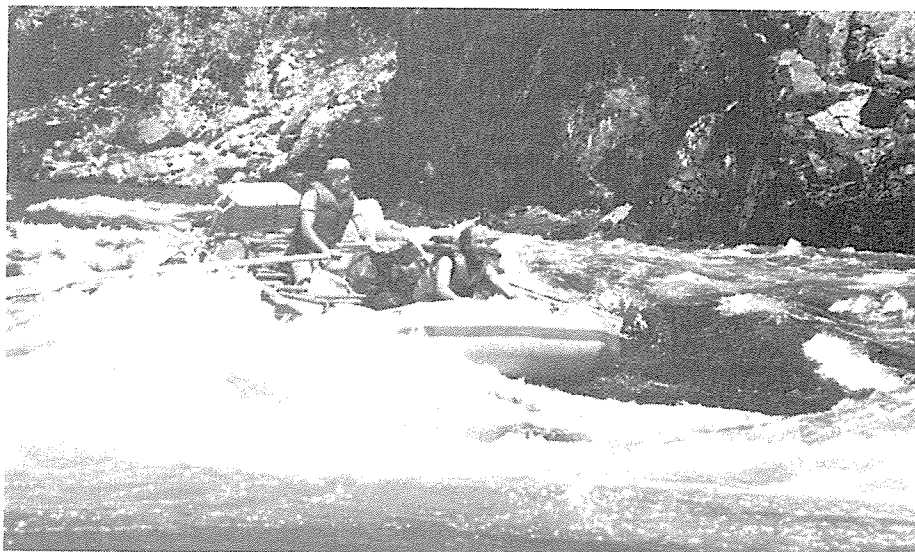
This is the boat Davidson and Rugge used in their Canadian Expedition Trips. We haven't had enough time to thoroughly explore the boat's capability, but so far it's a real joy to paddle. Oltonar is Old Town's special sandwich formulation of Foamed ABS and Polyethylene. The Old Town Tripper is a great boat for many uses. These boats have a strong vinyl gunwale, ash thwarts and ABS seats. This blending of the best materials for every use makes for an excellent all around boat for those who may carry camping gear and still expect some whitewater use. The Tripper is 17'2" long with a 37" beam, weighs 77 lbs., and is 15" deep (enough freeboard for the adventurous). **\$575.00**

BLUE HOLE CANOES

Designed by engineers for Whitewater use. The Blue Hole canoe has in the past few years carved out an impressive place as the best known and respected Whitewater canoe. Their emphasis and advertising are on survival in the toughest conditions. They show boats wrapped around rocks and pulled off with little or no apparent damage. Blue Hole has a super new cruising canoe in the works, but we haven't seen it yet.

785 16 FT. BLUE HOLE

This is the boat you see taking impossible drops with solo paddlers. They are Royalex hulls with 6063 low temper aluminum gunnels. Extra strength, yet will bend — not break. A highly engineered boat for the whitewater enthusiast. 15'9" long, 34" beam, and weighs 70 lbs. **\$525.00**



CAMPING EQUIPMENT

We carried a few items for river camping in the past, but weren't really too excited about them. We have launched a search for items that are particularly well suited for river use and found the items listed below. Please send your suggestions for improvements and additional items.

803 5 GALLON WATER CONTAINER

Same as above — but twice as large. Folds down to 3" H x 9" x 12". **\$5.50**

806 60 QUART GOTT COOLER

We offer a new line of coolers this year - chosen because of their extreme durability and practicability. This size fits our 10/14-man frame and is also a good general use size. Dimensions are: 28-3/8" L x 16" W x 15-1/2" H. Blue with white lid. **\$50.00**

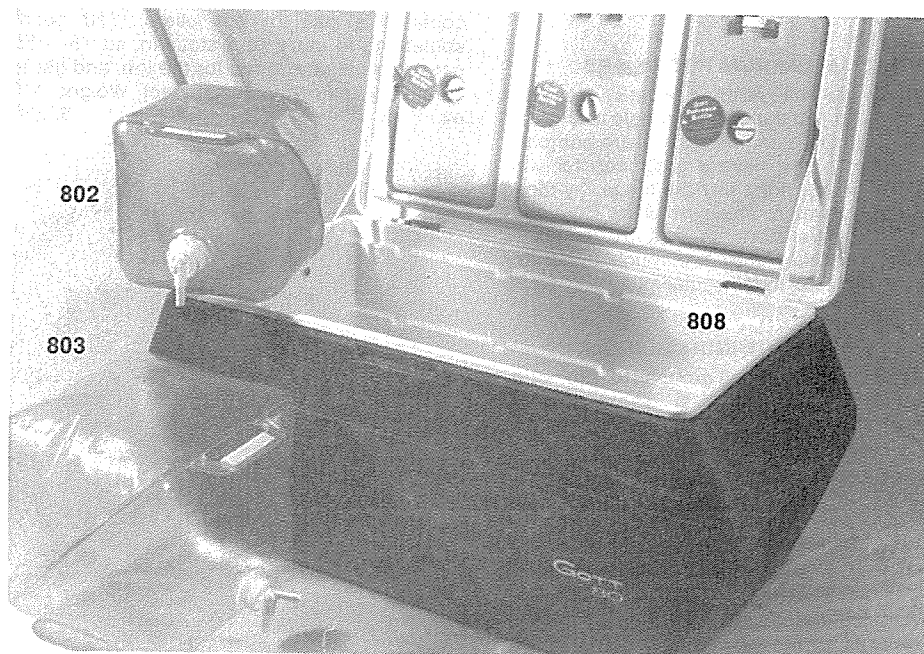
COOLERS AND CONTAINERS

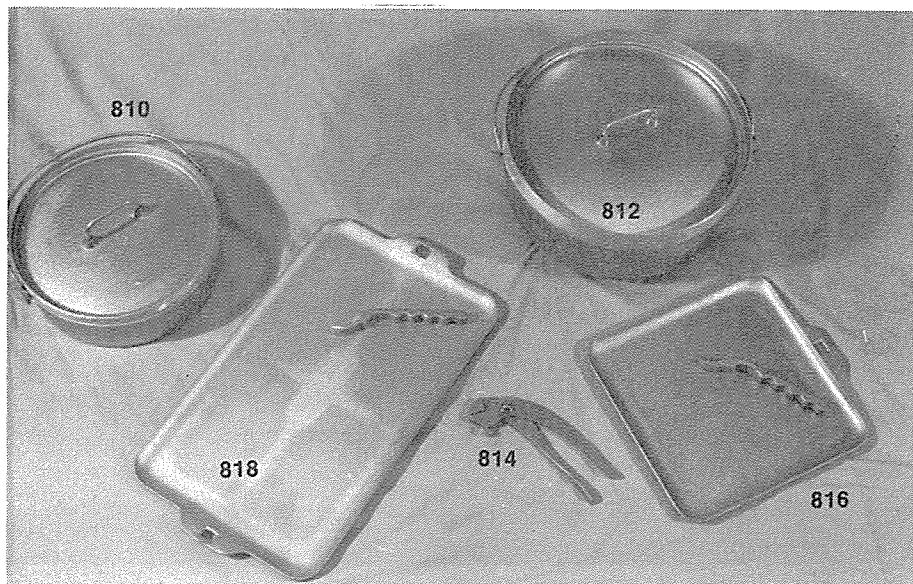
802 2 1/2 GALLON WATER CONTAINER

Many rivers have enough pollution that it is advisable to carry your own water — sometimes for the entire trip. Folding water jugs are great for canoeists, rafters, and kayakers. They are easily stowed, light and flexible. These Igloo plastic folding jugs have a mouth and spout system (English import) which is the best we have seen. Very clever, and allows you to set the container on a box or log and fill your cup with one hand. **\$4.50**

808 80 QUART GOTT COOLER

This is the sturdiest of the big professional coolers on the strength of the handles alone! However, some outfitters prefer these because of the water freeze bottles that nest into the lid. Fits our large universal frames. Two removable food trays, three freeze bottles, and integrally molded handles. Dimensions are: 34-1/4" L x 16" W x 25-1/2" H. Blue with white lid. **\$70.00**





DUTCH OVENS AND GRIDDLES

A Dutch Oven is a wonderful cooking utensil for outdoor (and indoor) use. After some research, we found cast aluminum is a very efficient heater conductor and performs very well. (Efficiency becomes important when you carry your own fuel). Lightweight and tolerance of unusual cleaning methods (scrubbing with sand) make the aluminum cookware an ideal river accessory.

810 10" ALUMINUM DUTCH OVEN

Use this for smaller parties, when space and weight are critical, or for side dishes. I'm tempted to take this one on a kayak trip when we don't have raft support. Nests inside the larger Dutch. Weight including lid, 4 lbs. **\$15.00**

812 12" ALUMINUM DUTCH OVEN

Serious river cooks usually use this size Dutch for cooking main dishes, desserts and some breakfast menus. Weight including lid, 7 lbs. **\$20.00**

814 ALUMINUM POT PLIERS

These are well designed because they have a good grip and the gripping angle lets you lift without getting scorched. They are compact, light (4 oz.), and have a grab loop for wire handles. If you don't buy the tongs, try those slip groove waterpump-type pliers from your local hardware store. In fact, try the pliers anyway, because they are much better for most river uses than regular pliers. **\$2.50**

816 10" ALUMINUM GRIDDLE

Perfect size for small groups, 10"x10" griddle only weighs 2 lbs. Same quality workmanship as the Dutch Ovens, includes carry handle. **\$7.00**

818 12" ALUMINUM GRIDDLE

This is the one that we use the most because with its 10" x 18" size there is enough room to cook bacon and eggs for a large party. Includes carry handle, still only weighs 3 lbs. **\$10.00**

STOVES/SAWS/AND THINGS

Environmental considerations are prompting more and more restrictions on fires for river trips. We agree with this concern for our environment.

821 PEAK 1 BACKPACKER STOVE

Coleman knows stoves, and their backpacking stove is super. Although designed for backpackers, we feel that this is a perfect small stove for river use. Its' lightweight and compact size make it very easy to pack, either in a kayak or a raft. It burns Coleman fuel efficiently and is relatively easy to operate. Comes complete with instructions, integral windscreen, and pan support. Even if you take a larger stove for cooking, this one is handy for coffee in the morning. Dimensions are 6-1/2"H x 5" x 5", weighs 31 oz. **\$27.50**

822 PEAK 1 CONTAINER

This aluminum case holds your Peak 1 stove and doubles as a couple of pots. Also contains a pair of pot pliers. You need something to carry your stove in, so why not get something designed for the job, and get a couple of extra pots for free! Weighs 10 oz. **\$9.00**

823 CAMPER'S GRATE

We've been using other people's grates or a flimsy import. Finally went out and bought a Mirro heavy gauge grate. This one works, and it lasts. It's great for steaks, but the rungs are a little far apart for hamburgers. Dimensions 24" x 12-1/2" **\$12.00**

825 SVEN SAW

Requiring fire pans for river use makes a saw, which was formerly just a nice optional item, almost a necessity. The Sven saw folds and slides into itself, making a package just 1/2" x 2" x 21" (saw teeth are covered so they can't cut or puncture anything!). This is the only compact saw that we know of that also cuts wood easily. Weighs less than 1 lb. **\$9.00**

FIRE PANS. We do not sell these, but most classified rivers require you use one, so next time you total out your garbage can — save the lid. It is a great fire pan.

LUNCH BUCKETS. 5 gallon pickle buckets are a great place to pack lunches on rafting or canoeing trips. Get the models with the deep lids and the waterproof neoprene seal. Try your local restaurant or fast food franchise for one. They may even give it to you.

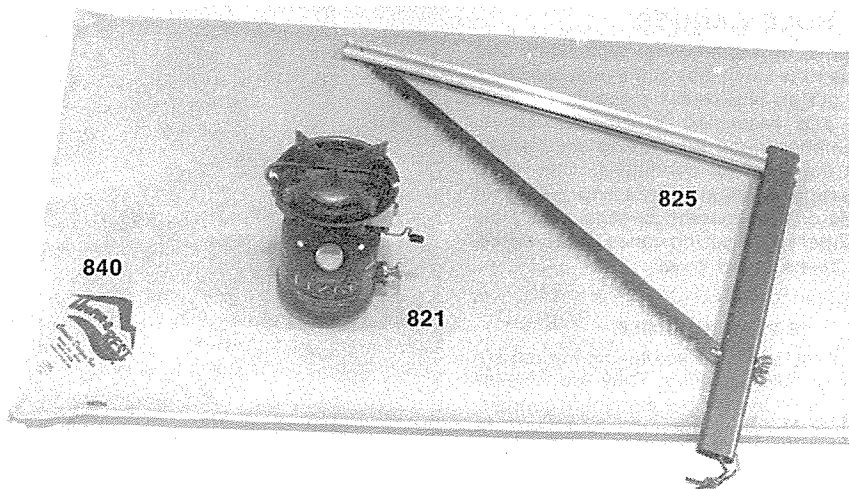
TENTS/TARPS/PADS

836 PAK TARP TENT

Manufactured by the Pak Foam people, this was a quality tent at a low price. With the recent large price increase it's still quality, but the price is getting up there. It's big (10' x 10'), and versatile enough to cover from 2 to 6 people, depending on how you pitch it. It's fire-retardant, lightweight, urethane coated, Ripstop nylon with overlapping, double-stitched seams. They say it is waterproof, but the seams leaked on me so we supply K-cote seam sealer with it. If you bought one from us last year, just let us know and we will ship you a free tube of seam sealer. Five sewn-in tabs and 8 grommets let you pitch it just about any way you can imagine. Weighs 36 oz. **\$32.00**

838 GROUND CLOTH

A big 64" x 96" ground cloth to protect your sleeping bags from ground condensation. Waterproof (urethane coated) nylon sheet has reinforced grommets for easy tying down. Weighs almost nothing. **\$14.00**

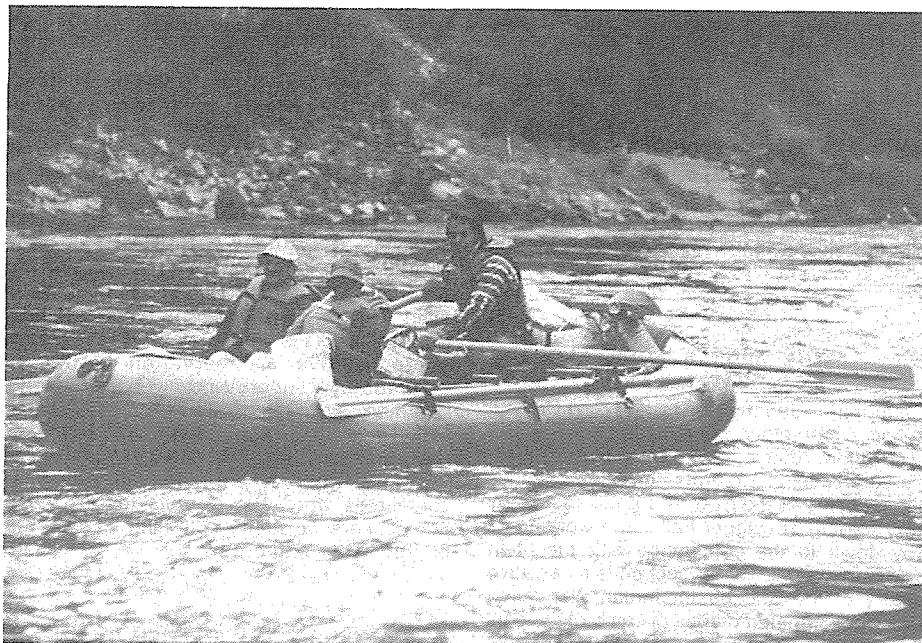


840 THERMA-REST MATTRESS

Why didn't I think of this one? Open cell foam makes a good pad, but is bulky. Air mattresses are cold and uneven, but fold up into a small bundle. These people put a very light open cell foam in a nylon air mattress and it's neat! You just unroll it, open the valve, and it sucks the air in! Give it a couple of puffs if you want it a little firmer and close the valve. To pack, open the valve, roll it up tightly, and close the valve. It stays rolled and slips into a plastic case only 4" in diameter. Coated nylon twill, 47" x 19' x 1½", weighs only 24 oz.

\$30.00**841 THERMA-REST EXPEDITION**

Nothing expedition about this. It should be called the "Old Softie" and I for one prefer full size to the shortie above. Coated nylon twill, 72" x 20" x 1½", weighs 2-¼ lbs.

\$40.00

BOOKS/MAPS/RIVER GUIDES

950 WHITEWATER RAFTING

This is the best book we have ever seen on rafting. It has more and better information than any other book, including some good tips on rowing a raft. For the novice, this book is indispensable. Bill McGinnis has good sections on equipment, reading, and running whitewater, water emergencies, etc. The only "picky" criticism we have is that McGinnis doesn't think much of using small and light-duty boats for river running. Aside from this, we have to say this is the best book ever on the subject. Now in paperback. At this price, it should clearly be your first choice.

\$5.95**952 RIVER RUNNING**

Verne Huser has many years of experience in running and guiding river trips and he is also a contributing editor to Riverworld. This book has good information although it is somewhat oriented towards going on a commercial raft trip rather than taking your own trip. Like Whitewater Rafting above, this book slights the use of small and inexpensive rafts.

\$4.95**954****ALL PURPOSE GUIDE TO PADDLING**

This book has 15 chapters and 15 authors, each chapter is written by an expert in a different area of river use. Covers everything from kayak surfing to river conservation — very useful to both the expert and beginner boatman. We learned something new from every chapter — well written, edited by Dean Norman.

\$5.95**956 KAYAKING**

Sub-titled The Whitewater Sport for Everybody, this is the first book to approach the quality and information necessary to help someone get started in kayaking and continue to reasonable levels of proficiency. The book is really excellent, and though we were afraid Jay Evans (former Olympic coach) would write mostly on racing, this isn't the case at all, the book is well done and balanced.

\$4.95**957 WILDWATER**

Beautiful. How exciting to find an author that seems like a close friend — introducing you to a sport, enticing you with his obvious love of rivers and whitewater, then leading you step by step up to intermediate skill and beyond. Perhaps my Western prejudices show, but this book by Lito Tejada-Flores is my first choice for someone interested in Whitewater — probably kayaking, but maybe rafting. It's subtitled: The Sierra Club Guide to Kayaking and Whitewater Boating.

\$6.95**958 A.M.C. WHITEWATER HANDBOOK FOR CANOE AND KAYAK**

Valuable information for all skill levels, but mostly for beginners.

\$2.95**960 YOU, TOO, CAN CANOE**

I'm not sure if I like the title, but the book is superb. It is a complete book on river canoeing, and unlike many of the "complete" books, this book offers excellent information on virtually every topic concerning river running. John Foshee has obviously paddled and organized many, many trips, and he has brought it all together in a virtual encyclopedia of useful information. Don't be misled, this is an interesting, simple to read and understand book.

\$9.95**962 COMPLETE WILDERNESS PADDLER**

Written by James Davidson and John Rugge, this book combines a narrative account of an actual trip with step by step information and instruction. Get this book if you are into canoeing and want to think about longer trips. It's also more fun to read than most of the other books.

\$10.00**966 BOATBUILDER'S MANUAL**

This manual covers all the steps and procedures for fiberglass whitewater canoe and kayak building. Written by Charles Walbridge and now in its 3rd edition. If you are going to build your own fiberglass boat — this is the book to read. (Don't let the typos bother you!)

\$4.50**968****STRIPPERS GUIDE TO CANOE-BUILDING**

Written by David Hazen, this book reflects the personal experience of a master in the art of building Cedar strip boats. I don't know how many of you have even seen these beautiful creations, but if you have, perhaps you felt the momentary longing to build such a thing of beauty. The author entices you into this creative experience and then provides the notes, directions, and plans for the project.

\$7.95**969 THE BIG DROPS**

Subtitled, Ten Legendary Rapids, this book by Robert Collins and Rodrick Nash is one of those marvelous coffee table books that just sucks you in with beautiful photographs and holds you there with a fascinating text. Wish it had more comprehensive photographs of the rapids themselves, but it's still a book for all confirmed river runners.

\$18.50

REGIONAL TOURING GUIDES

Without exception these books are labors of love — done to share the joys of touring in an area known well by the authors and their friends. Many hundreds of hours have gone into preparing these works.

970 THE MIDDLE FORK AND THE SHEEPEATER WAR

Written by Johnny Carrey and Cort Conley, this is a marvelous combination history and river guide. After a brief history of early Middle Fork running attempts, the book switches into a history of the river — organized mile by mile starting at Dagger Falls, and working its way down to the confluence with the Main Salmon. The final major section is a narrative history of the Sheepeater Indian War taken from the combined diaries of some of the participants. We can't say enough about this book — it makes fantastic reading. **\$5.95**

972 MIDDLE FORK SALMON RIVER MAP

Compiled by Mike Donley, this is a beautiful river map. The topo river map is divided into 7 panels which accurately pinpoint just about everything of interest in the river. On the reverse side of the map is an accurate and up to date description of all the rapids and camp sites. Water resistant. 4 color, 24" x 36", well worth the money. **\$4.95**

973 RIVER OF NO RETURN

Another superb book by Johnny Carrey and Cort Conley. It covers the Salmon River from Galena Summit to the confluence with the Snake River some 400 miles downstream. Major sections include a history of the area, history of navigation, and a mile by mile river map/guide (with diagrams and pictures) starting at North Fork, Idaho, and continuing to the Snake. If you ever have or will float any of the Salmon, or just like local lore, don't miss this book. **\$9.95**

974 HANDBOOK TO THE ROGUE RIVER

James Quinns and James King. This is a beautiful job with an extremely detailed guide to every major and minor rapid on the Rogue. It just overwhelms you with the wealth of River data. The detailing of every rock shows the level of attention needed to pilot a drift boat successfully. Other sections on River history, flora, fauna, etc. **\$8.95**

975 ROGUE RIVER MAP

This is the way maps should be made. Colored contour map with all kinds of extra information, even including maps of each of the major rapids. Mike Donley put a lot of work and thought into this one. Waterproof, edition, 4 colors, 24" x 36", etc. **\$4.50**

976 OREGON RIVER TOURS

Written by John Garren, this book covers 13 different river runs. Filled with maps, charts, and some really great pictures — this book is the only source of information for many of the small but exciting Oregon rivers. **\$4.95**

977 RIVERS OF COLORADO

Written by Earl Perry and edited by the American Canoe Association. Though subtitled Ten Easy River Trips in the Mountains, Canyons and Plains of Colorado, it is also a guide to River Conservation battles in Colorado by a superb writer who is an expert boatman, kayaker, and dedicated conservationist. Please do buy this book, but keep your dictionary handy — Earl never uses a little word when a big one will do. Still, sometimes when Earl forgets to use those jawbreakers, a single sparkling phrase will brighten your entire day. **\$3.95**

979 CANOE ROUTES: BRITISH COLUMBIA

Richard Wright and Rochelle Wright. General information followed by approximately 100 trips ranging from a couple of hours up to weeks. Beautiful country with trips to keep you busy for years. Includes the famous Bowron Lake Chain, but much, much more. **\$5.95**

980 CANOE ROUTES: YUKON TERRITORY

Richard and Rochelle Wright again. Only twenty one rivers and lakes this time, but they average over a week each. A wonderful way to plan the ultimate canoeing vacation. **\$5.95**

982 AMC RIVERGUIDE VOL. I

This is a revised work of earlier guides. It is titled Northeastern New England — mostly Maine and a description of well over 100 trips. **\$6.00**

984 AMC RIVERGUIDE VOL. II

This completes the two copy series by covering central and southern New England watersheds. Very good! **\$7.95**

986 CANOEING WATERS OF CALIFORNIA

Written for those of you who use open canoes, this book sketches tidewater, lake and river runs in California. **\$3.50**

988 GRAND CANYON RIVER GUIDE

Even if you never get to run the trip, you will enjoy this guide book. It is an experience just to go through the guide and look at the pictures. Waterproof edition by Buzz Belknap. **\$8.95**

989 SNAKE RIVER GUIDE

Standard edition, an even better book in some ways for browsing than the Grand Canyon Guide - only covers the Upper Snake (Grand Teton National Park area). **\$5.95**

990 DINOSAUR RIVER GUIDE

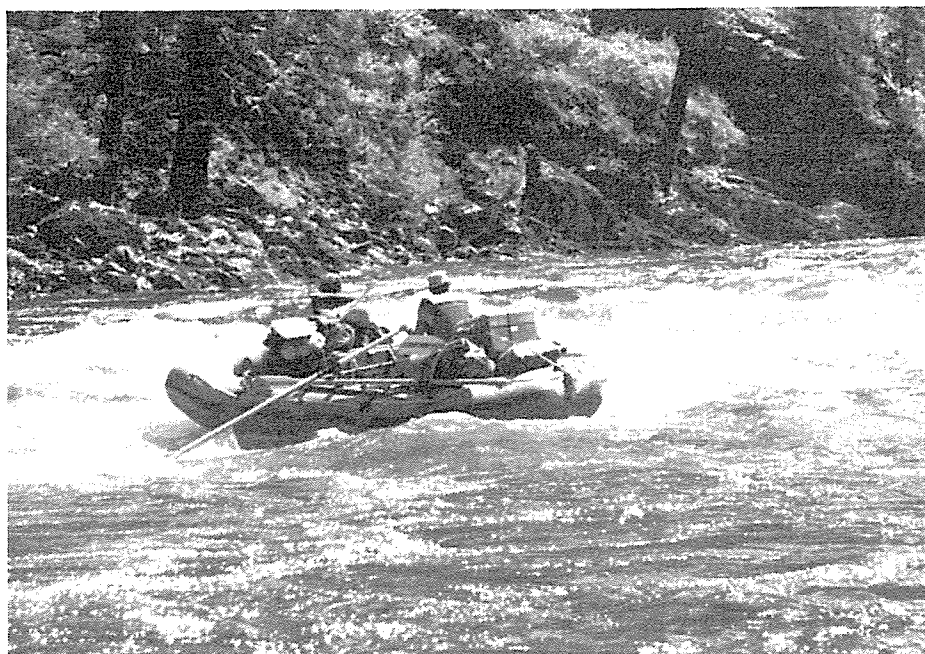
Waterproof edition by Laura Evans and Buzz Belknap. Covers Flaming Gorge and Dinosaur National Monuments (Gates of Lodor, Split Mountain, Yampa, etc.). **\$8.95**

991 CANYONLANDS RIVER GUIDE

Waterproof edition by Bill and Buzz Belknap. Covers Westwater - Moab, Cataract Canyon, Lake Powell and Glen Canyon. **\$8.95**

992 DESOLATION RIVER GUIDE

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