



Northwest River Supplies

1980





INTRODUCTION

Northwest River Supplies is 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 most of 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 simple and concise. See you on the rivers.

BILL PARKS, PRESIDENT
NORTHWEST RIVER SUPPLIES

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 (Saturday hours, 9 A.M. to 3 P.M. April 5 to August 2 only.) To insure accuracy, please fill out an order form and then read it to us. Mastercharge, VISA, and UPS or Parcel Post C.O.D. orders accepted by phone. If ordering C.O.D., you pay the C.O.D. fees in addition to our normal shipping and handling charges. C.O.D. fees start at \$1.00 (You must pay in CASH ONLY.)

TERMS

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

SHIPPING POLICY

We are proud of the fast, dependable service that we offer. If your order cannot be filled and shipped within 3 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 (It is slower and more costly.)

For orders shipped via UPS to the lower 48 states our policy is to charge 6% 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 \$25.00 in the other states.

For orders shipped via Parcel Post 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 rafts, frames or long ash oars (8' or longer) will be shipped collect via motor freight (FOB Moscow, Idaho.) You pay the delivering carrier for freight. For estimates on charges consult your local freight company or check with us. Orders over \$1000.00 to the lower 48 states are shipped freight free - we pick up the tab.

STORE HOURS

Our store hours are 10:00 A.M. to 5:00 P.M., Monday through Friday, and 9:00 A.M. till 3:00 P.M. Saturdays. Saturday hours from April 5 through August 2 only (closed May 24 and July 5.) 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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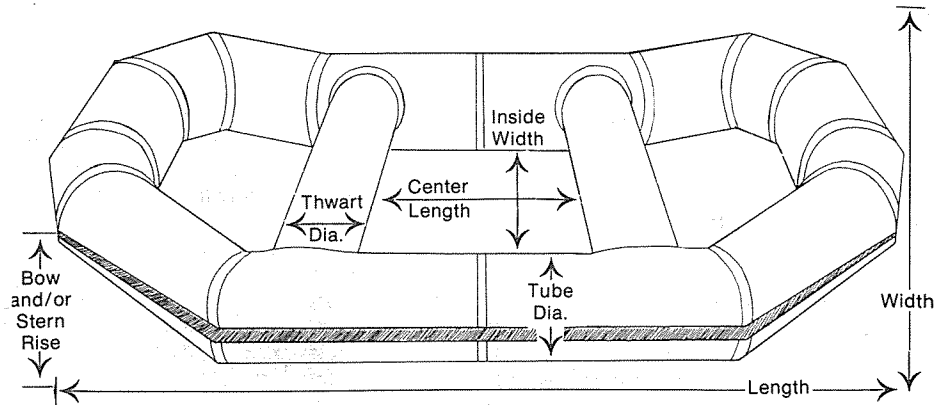
"WHITEWATER" — A documentary on the Middle Fork of the Salmon — is available from KUID-TV, Moscow, Idaho. Ask your local television station to request it.

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, etc., the greater the tear strength of the material. However, in some cases the threads can be woven like rope, and this complicates the analysis.

Hypalon coating has the greatest resistance to abrasion and deterioration of any commercially available synthetic rubber. The correct 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 material; Campways for example, uses hypalon on the exterior for strength and resistance to weathering and blended rubber compounds on the interior for adhesion and air tightness.



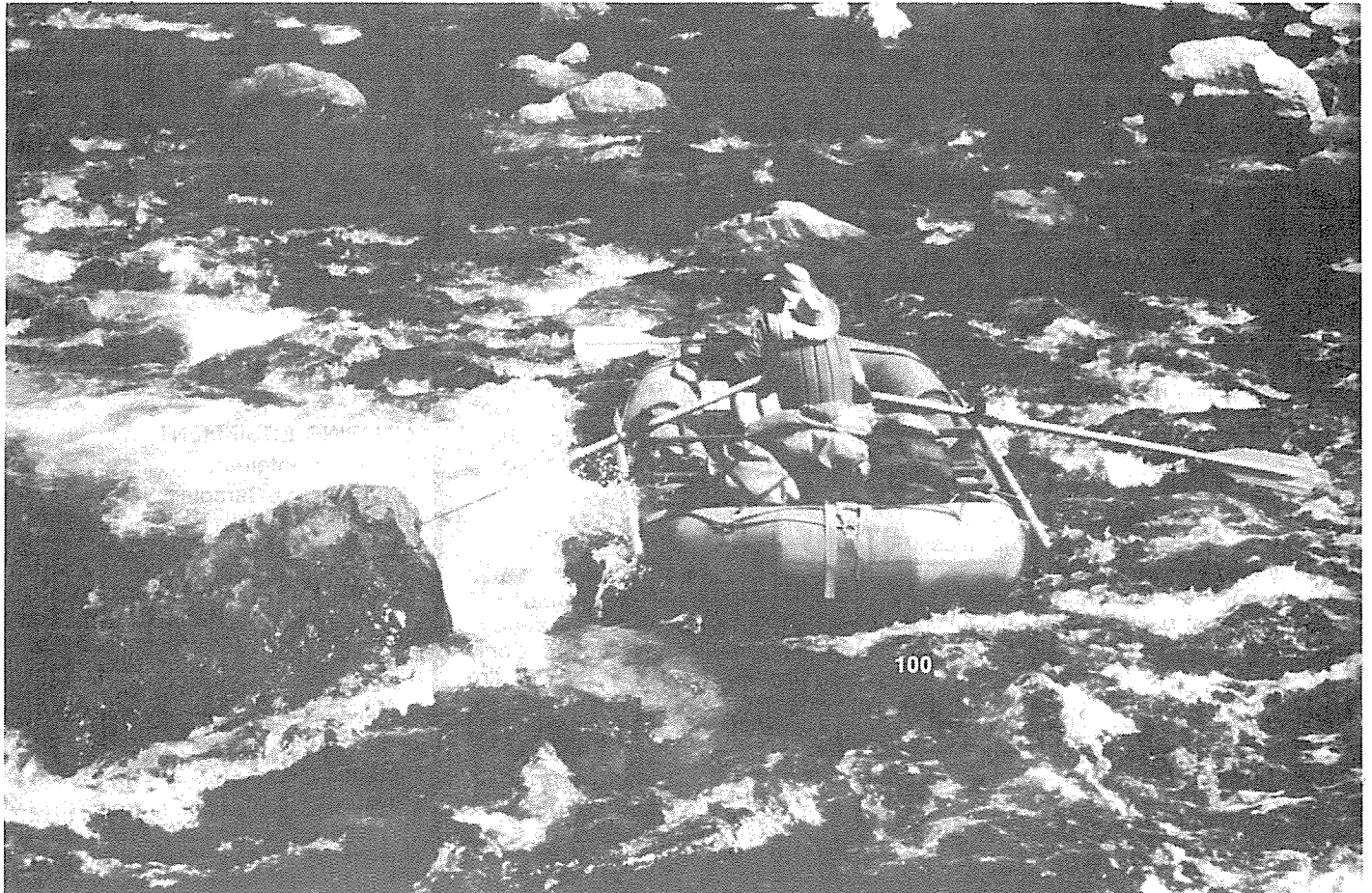
Many different rubber compounds are used in coating fabric for rafts. Rafts that we formerly said had cheap neoprene coatings (ie. the Yellow Duckies) generally had **no** neoprene at all in their coatings. (Neoprene is expensive, but not as expensive as hypalon.) Since most rubber compounds can have several formulations, most rafts contain blends including EDPM, natural rubber, and other compounds, which combined have the cost/quality desired by the manufacturer.

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.

UDISCO

UDISCO's imported boats have recently improved in design and quality. We like them. All UDISCO boats have grey tubes and black floors and are manufactured in a material that UDISCO says is Hypalon/Nylon, implying that it is nylon fabric with hypalon coating. We feel the coating is actually a blend of hypalon and various rubber compounds but it holds up well no matter what you call it. If after a few years it starts to weather, we recommend a coat of neoprene paint to improve durability.





106 6-MAN UDISCO

This boat has the same dimensions and almost the same specifications as the 1978 NRS SPRITE. Two cross thwarts give this excellent small raft an amazing amount of internal support, making it a practical 4-person paddleboat without a frame. When using 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 short trips with a day frame. (We have run most of Idaho's rivers in this raft.) Specifications are: 11' long, 5'2" wide, 15½" dia. main tubes, two 14" dia. thwarts, 6" bow rise, flat stern with motor mount straps, center compartment is 31" wide by 27" long, 6 air chambers, with small brass valves, rubber oarlocks, lightweight lifeline. 420 denier 30 oz. blended rubber compound material. Approx. weight 55 lbs. **\$310.00**

108 8-MAN UDISCO

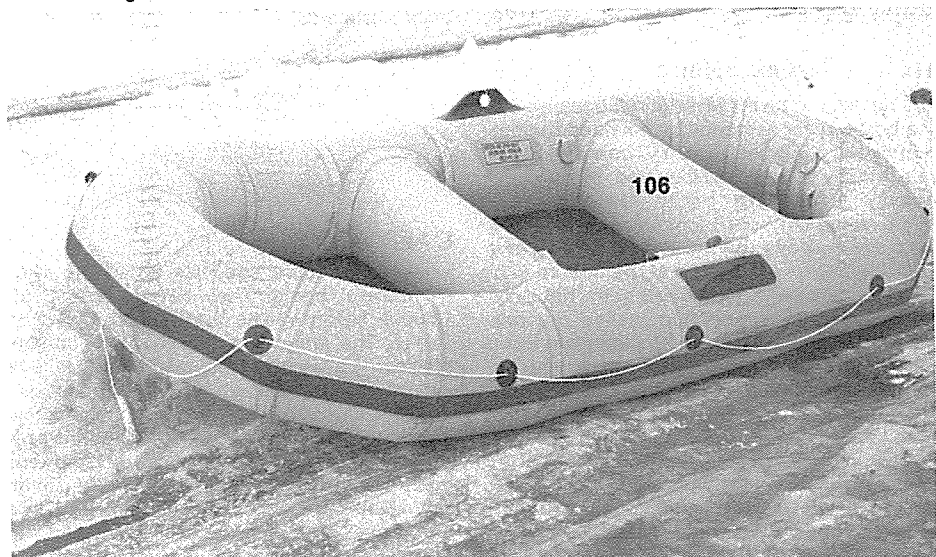
The need for a slightly larger paddle raft is met very well by UDISCO's 8-man raft. Because of the stern lift, it is also an excellent small, rowing raft. The slightly greater size and tube diameter contribute to its popularity and cause some customers to prefer it to the less expensive 6-man. The larger stern compartment provides decent gear storage capacity too. We recommend 7½' or 8' oars for this raft. Specifications are: 12' long, 5'8" wide, 16" dia. main tubes, two 14" dia. thwarts, 6" bow and stern rise, 6 air chambers with military style valves, rubber oarlocks and lifeline. 420 denier 30 oz. blended rubber compound. Approx. weight 65 lbs. **\$370.00**

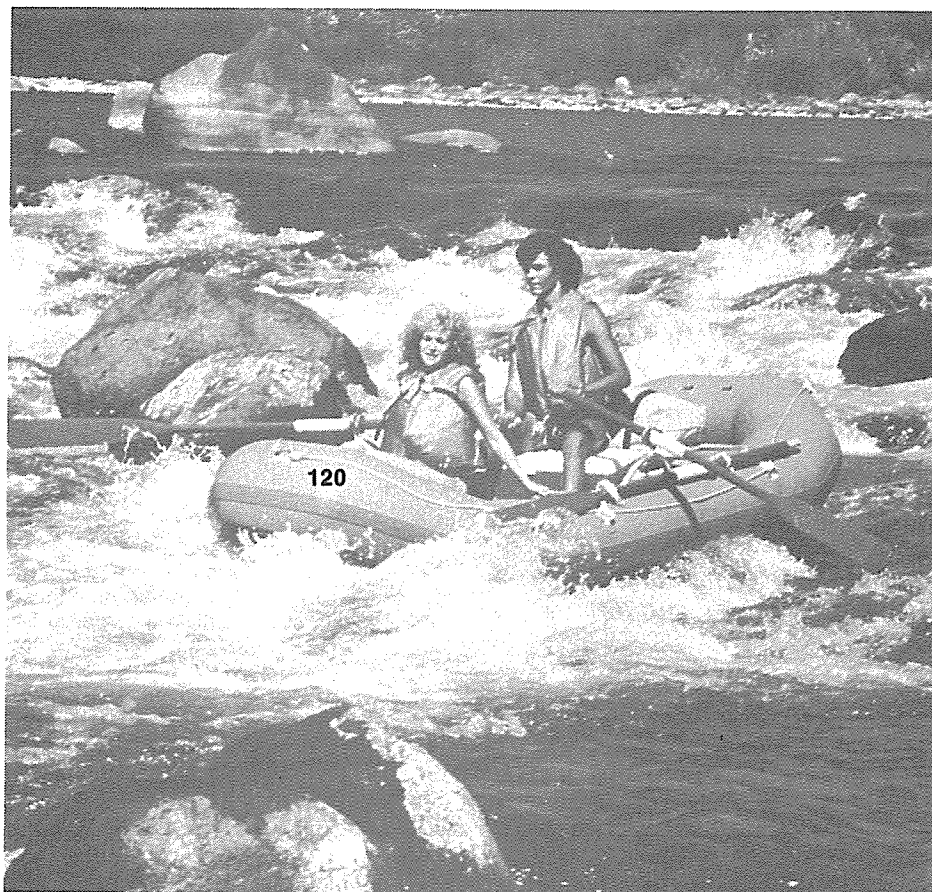
LARGE UDISCO RAFTS

These boats have been improved each year and now have many features previously only found in the top of the line Avons and Campways. UDISCOS are equipped with six air chambers for safety and convenience. The large military style valves offer easy and fast inflation. The new 10 & 14 man models have the advantage of greater beam (6'3" & 6'8") and laced in thwarts. Laced in thwarts have an excellent reputation for air tightness and can also be removed if you wish to build a special frame. The 420 Denier fabric and combination hypalon/rubber compounds coating holds up well and makes these an excellent choice for someone needing carrying capacity on a limited budget.

110 10-MAN UDISCO

This is a medium sized raft that is often paddled with 4 to 6 people or a boatman and gear for 4 to 6 kayakers. The 10" bow and stern rise give it a good handling characteristics and the 18" tubes provide enough capacity for most uses. We suggest 8 to 9 ft oars with this raft, and recommend 8½' Carlisle wide blades. Specifications are: 14' long, 6'3" wide, 18" dia. main tubes, 15" dia. laced-in thwarts, 10" bow and stern rise, center compartment is 39" wide by 42" long, 6 large military style valves, 420 denier 30 oz. blended rubber compound material. Approx. weight 75 lbs. **\$435.00**





RIVER RIDERS

The River Riders, Campway's newest entries into the medium priced boat field, have a raised bow and stern in an asymmetrical shape reminiscent of the early Avons (pointed bow and blunt stern.) Many people have praised these boats highly, and we believe they deserve the praise as efficient boats that handle well. Excellent boats at less cost than the other Campways rafts, they should still be trouble free to operate.

120 RIVER RIDER - 13

With paddles or oars, this versatile boat gives a good ride and is just right for smaller parties (it can even double as a fishing boat - motor not included!). Specifications are: 5'10" wide by 13'1" long, 17" dia. main tubes, 15" dia. thwarts, 11" bow rise, 6" stern rise. Center compartment is 36" wide by 40" long, 4 air chambers with military style valves, 420 denier 35 oz. hypalon tube material, 37 oz. floor material. Includes 9 mounted D-rings and repair kit, weighs approx. 85 lbs. **\$750.00**

121 RIVER RIDER - 14

Need a boat for a variety of rivers that has stability, carrying capacity, and durability? Then try the River Rider-14. It's at home in big water, yet responsive and maneuverable. Specifications are: 6'6" wide by 13'6" long, 19" dia. main tubes, 16" dia. thwarts, 11" bow rise, 6" stern rise. Center compartment is 40" wide by 40" long, 4 air chambers with military style valves, 420 denier 35 oz. hypalon tube material, 37 oz. floor material. Includes 12 mounted D-rings and repair kit, weighs approx. 95 lbs. **\$850.00**

122 RIVER RIDER PACKAGE

The River Rider package includes #121 River Rider, #160 Universal frame, Campways foot pump, one spare blade and either three 9 ft. wide-blade Carlisle oars set up for Pin & Clips (include 1 set #285 Pins & Clips and 1 #286 Extra clip assembly) or three 9 ft. standard-blade Carlisle oars set up for open oarlocks (includes 1 pair #280 Manganese bronze oarlocks, 1 pair #284 Hairpin cotters, 3 #295 Rubber oar stoppers and 3 #297 Rubber sleeve assemblies.) For those of you that would rather have 10 ft. oars instead of the 9 ft., please include an extra \$10.00. Shipped prepaid. **\$1,250.00**

123 MIWOK

Really a stubby rascal, the Miwok is 5" 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, and still keep its excellent handling characteristics when heavily loaded. For 1980 the Miwok comes in a 37 oz., 840 denier hypalon material that is very puncture resistant. We use 9' or 10' oars on the Miwok. (I prefer the Aluminum 9' wide-blade.) Specifications are: 13'6" long, 6'8" wide, 19" dia. main tubes, 17" dia. thwarts, 10" bow and stern rise, center compartment 42" wide by 42" long, 6 air chambers with large recessed valves, 37 oz. hypalon tube material, 60 oz. floor material. Includes

111 10-MAN PACKAGE

The 10-man package includes #110 10-man raft, #160 Universal frame, #206 NRS foot pump, 5 ea. #311 Unglued D-rings, 1 pint Carboline adhesive, one spare blade and either three 8½ ft. wide-blade Carlisle oars set up for Pins & Clips (includes 1 set #285 Pins & Clips and 1 #286 Extra clip assembly) or three 8½ ft. standard-blade Carlisle oars set up for open oarlocks (includes 1 pair #280 Manganese bronze oarlocks, 1 pair #284 Hairpin cotters, 3 #295 Rubber oar stoppers and 3 #297 Rubber sleeve assemblies). For those of you that would rather have 9 ft. oars instead of the 8½ ft., please include an extra \$10.00. Shipped freight collect. **\$900.00**

114 14-MAN UDISCO

This used to be my favorite raft because it's the best buy for someone on a limited budget that needs a **big** boat. The 11" bow and stern rise makes it easy to row and even when heavily loaded it's pretty maneuverable because the large PAD (center area) keeps it from sinking down too far. The raised bow lets you ride over the transition at the bottom of a chute or falls, and the raised stern not only shortens the waterline and makes the raft more maneuverable, but keeps the stern from getting swamped in big water. We suggest 9 to 10 ft oars with this raft. (With a light load the 9 ft Carlisle wide-blades will really move this boat.) Specifications are: 16' long, 6'8" wide, 21" dia. main tubes, 17" dia. laced-in thwarts, center compartment is 38" wide by 56" long, 6 military style valves, 420 denier 30 oz. blended rubber compound material. Approx. weight 90 lbs. **\$530.00**

115 14-MAN PACKAGE

The 14-man package includes #114-man raft, #160 Universal frame, #206 NRS foot pump, 5 ea. #311 Unglued D-rings, 1 pint Carboline adhesive, one spare blade and either three 9 ft. wide-blade Carlisle oars set up for Pins & Clips (includes 1 set #285 Pins & Clips and 1 #286 Extra clip assembly) or three 9 ft. standard-blade Carlisle oars set up for open oarlocks (includes 1 pair #280 Manganese bronze oarlocks, 1 pair #284 Hairpin cotters, 3 #195 Rubber oar stoppers and 3 #297 Rubber sleeve assemblies). For those of you that would rather have 10 ft. oars instead of the 9 ft., please include an extra \$10.00 Shipped freight prepaid. **\$1,010.00**

CAMPWAYS

Here are some specifics about the 1980 Campways' boats. They have recessed high-volume Nylon valves and raised bow and sterns. The fabric is a high hypalon content coating on a high strength nylon fabric (420 or 840 denier, depending on the boat). Over the years, Campways has worked diligently to improve the quality of their boats and the present workmanship is excellent. All Campways boats include mounted D-rings and repair kits. Since we don't list all their rafts, a Campways brochure is available upon request. Please drop us a line.

12 mounted D-Rings, Campways foot pump and a repair kit. Weight 130 lbs., shipped prepaid, freight free. **\$1,650.00**

124 MIWOK PACKAGE

The Miwok Package includes #121 Miwok, #160 Universal frame, Campways foot pump, one spare blade and either three 9 ft. wide-blade Carlisle oars set up for Pins & Clips (includes 1 set #285 Pins & Clips and 1 #286 Extra clip assembly) or three 9 ft. standard-blade Carlisle oars set up for open oarlocks (includes 1 pair #280 Manganese bronze oarlocks, 1 pair #284 Hairpin cotters, 3 #295 Rubber oar stoppers and 3 #297 Rubber sleeve assemblies.) For those of you that would rather have 10 ft. oars instead of the 9 ft., please include an extra \$10.00. Shipped prepaid. **\$2,050.00**

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 really load this boat down and so prefer to use 10' oars. Specifications are: 16'3" long, 6'11" wide, 20" dia. main tubes, 18" dia. thwarts, 11" bow and stern rise, center compartment 42" wide by 50" long, 6 air chambers with large recessed valves, 840 denier 37 oz. Hypalon tube material, 60 oz. floor material. Includes 12 mounted D-rings, Campways foot pump, and a repair kit. Weight 145 lbs. Shipped prepaid - we pay the freight. **\$1,900.00**

126 SHOSHONI PACKAGE

The Shoshoni Package includes #125 Shoshoni, #160 Universal frame, Campways foot pump, one spare blade and either three 10 ft. wide-blade Carlisle oars set up for Pins & Clips (includes 1 set #285 Pins & Clips and 1 #286 Extra Clip assembly) or three 10 ft. standard-blade Carlisle oars set up for open oarlocks (includes 1 pair #280 Manganese bronze oarlocks, 1 pair #284 Hairpin cotters, 3 #295 Rubber oar stoppers and 3 #297 Rubber sleeve assemblies.) For those of you that would rather have 11 ft. oars instead of the 10 ft., please include an extra \$10.00. Shipped prepaid **\$2,310.00**

AVON

Avon has been the Cadillac of the rafting industry for many years. Last year they completely redesigned their river boats with a new symmetrical design (they feel it provides a more efficient use of cargo and people space.) Avons have an unmatched reputation for quality and durability (they are the only manufacturer that guarantees their boats for 1 year against defects in workmanship.) Their material also carries a five year guarantee against deterioration (it's the only material that is 100% hypalon on both the inside and outside) and is stronger and more durable than any other material of comparable weight. If you have any questions, please write us for an Avon brochure which also features their complete line of sport boats.

135 ADVENTURER

The Adventurer design is particularly desirable for outfitters and large groups that paddle because it provides enough room for up to 8 paddlers. Its 18" dia. tubes also make it an excellent choice for use as a small personal rowing boat. We recommend 9' or 10' oars, depending on your frame choice. Specifications are: 14' long, 6'8" wide, 18" dia. main tubes, 15" dia. thwarts, 9" bow and stern rise, center compartment is 44" wide by 38" long, 36 oz. hypalon tubes, 40 oz. hypalon floor, 6 air chambers with recessed military type valves, 16 mounted D-rings and life line. Also includes repair kit and foot pump. Weight 99 lbs. Shipped prepaid - we pay the freight. **\$2,100.00**

137 PROFESSIONAL

The Professional has design features that make it very attractive to private and professional river runners. Its combination of good capacity, ride, easy handling, and unsurpassed durability have made the Professional the favorite boat for many western boaters. We recommend boatmen use 10' oars on the Pro. Specifications are: 16' long, 7'4" wide, 20" dia. main tubes, 16" dia. laced in thwarts, 11" bow and stern rise, center compartment is 48" wide by 45" long, 36 oz. hypalon tubes, 40 oz. hypalon floor, 6 air chambers with large/recessed military type valves, 16 mounted D-rings. Includes life line, bow and stern lines, repair kit and foot pump. weighs about 110 lbs., shipped prepaid. **\$2,700.00**

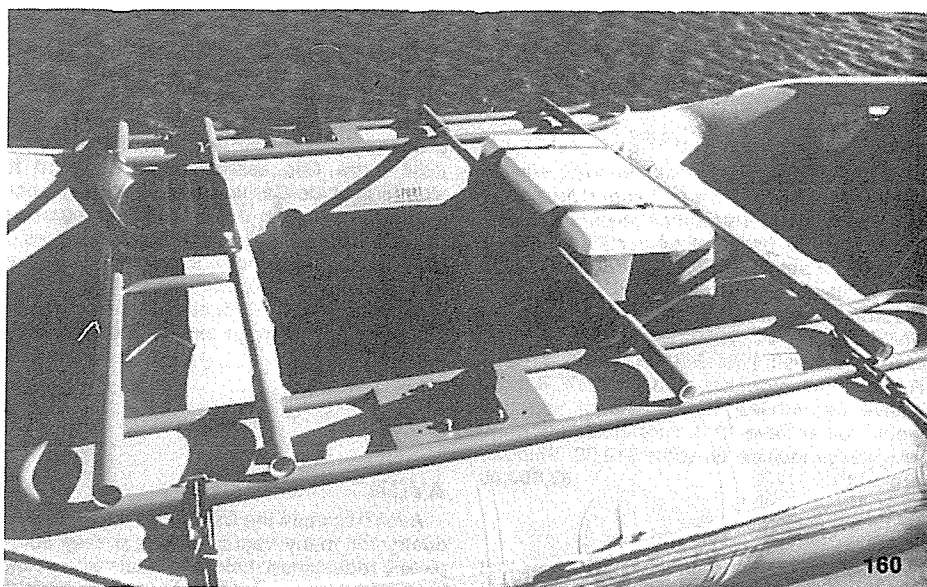


FRAMES

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 with special adjustable form-fitting padded seat. I tried the new fitted seat and it is simply a great addition to a river trip because it is not only very comfortable but provides good "traction" in difficult water. In front the combination cooler cradle and foot brace assembly fits an 80 quart Gott cooler (#807) perfectly, but other coolers smaller than 35" x 17" will also fit. Oarlock stands are included and have a 6" adjustment to fit almost every size rafter. The frame fits together with just 4 fast pins (included) and can be assembled/disassembled in seconds. 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 appropriate points. The frame is painted with industrial enamel, but after a season or two it will probably need re-spraying to cover paint chips and wear spots. The entire assembly is 82" long by 69" to 72" (depends on the raft) wide and weighs 80 lbs. Fits most large rafts, please specify raft model when ordering

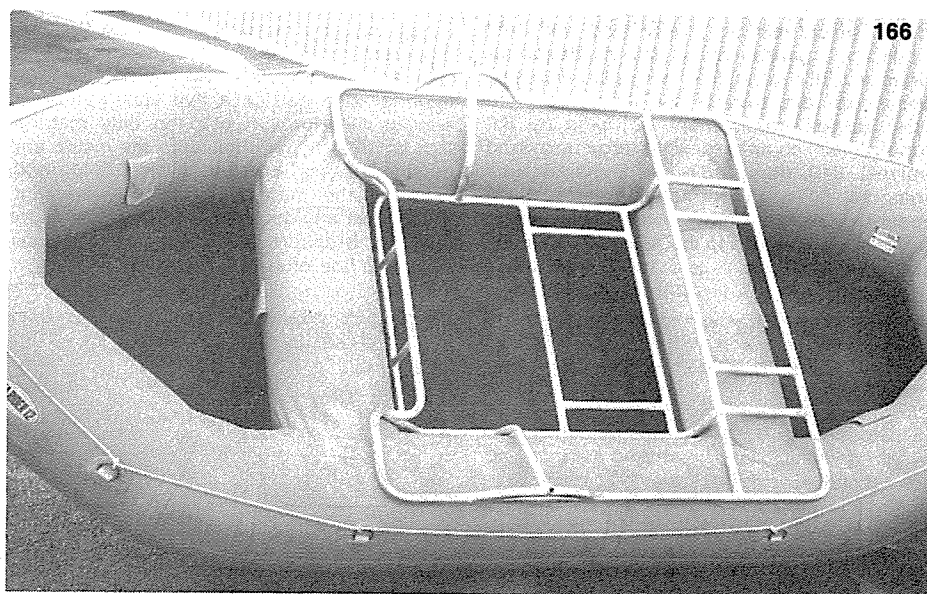
\$300.00



164 SUPER FRAME

We had a number of special orders last year for extra large frames to fit the Havasu, Spirits and Professional, so now we keep them in stock. This is a quality frame built to the same specifications as the Universal frame but sized and braced to fit the big rafts. The frame is 82" long and 77" to 84" wide, depending on the raft. Holds an Igloo 151 quart cooler. (#809) Please specify raft model.

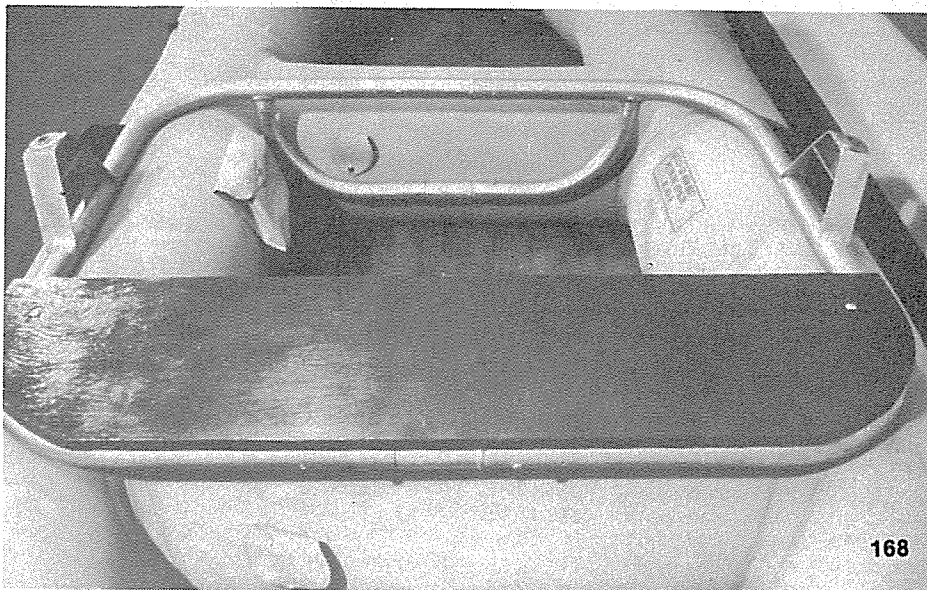
\$325.00



166 TOURING FRAME

This year we are offering a lightweight one piece brazed steel frame. This Canham frame offers more gear space in the rear because it has a cargo deck over the back thwart (you sit on the cooler in front of the thwart.) As in all cooler-seat frames, the integral oarlock pivot points are slightly ahead of the raft center point (in my opinion a slight disadvantage.) This frame accepts an 80 qt. Gott cooler suspended from two straps. The double toe brace is kind of neat too; if you hit a big wave and get kicked back you will probably catch yourself on the top brace. We stock these frames to fit a limited number of rafts, please contact us for details.

\$270.00



168 ALUMINUM DAY FRAME

These heavy duty welded aluminum frames 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 and is designed to fit such smaller boats as the UDISCO 6 or 8-man and Avon Redshank. These boats lack space for coolers in front of the boatman so this frame is just the ticket for day use. Suitable for extended trip use if you make other arrangements for the cooler or do without. Please specify raft and we will size the frame to fit. An excellent buy at this price. Can only be shipped motor freight!

\$150.00

OARS

ALUMINUM AND PLASTIC OARS

Technology has really made an impact in one area of river running. Quality aluminum and plastic oars are here to stay! These aluminum oar shafts are very 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". They have removable ABS plastic blades in two sizes (we can now ship 10 fts. via UPS.) Standard blade measures 5½" x 26", the wide blade measures 8" x 26". Some of us who use these oars really loved them - one guide I met at the Main Salmon takeout was ecstatic about the wide-blade model - said one stroke was good for three on the Middle Fork - where every stroke counts. My friends who have used wide blades wouldn't even consider any other choice. These oars made believers of us - they are our first choice for any river trip. If you use pins and clips and want extra power in your stroke, use the wide blades. You can't use these with open oarlocks (unless your wrists are as big as most peoples necks) so, for open oarlocks use the standard blades. Don't store blades below freezing - the plastic can get brittle. The reason for the price jump from 8 ft. oars to 9 fts. is because all 9 ft. and longer shafts have extra reinforcement with inner aluminum sleeves.

170	7 ft. alum. std. blade ...	\$42.00 ea.
172	8 ft. alum. std. blade	\$46.00 ea.
173	8½ ft. alum. std. blade ..	\$52.00 ea.
174	9 ft. alum. std. blade	\$55.00 ea.
176	10 ft. alum. std. blade	\$58.00 ea.
177	11 ft. alum. std. blade	\$61.00 ea.
178	12 ft. alum. std. blade	\$64.00 ea.
179	Replacement blade - std.	\$20.00 ea.

180	7 ft. alum. wide blade ...	\$42.00 ea.
182	8 ft. alum. wide blade ...	\$46.00 ea.
183	8½ ft. alum. wide blade ...	\$52.00 ea.
184	9 ft. alum. wide blade ...	\$55.00 ea.
186	10 ft. alum. wide blade ...	\$58.00 ea.
187	11 ft. alum. wide blade ...	\$61.00 ea.
188	12 ft. alum. wide blade ...	\$64.00 ea.
189	Replacement blade - wide	\$20.00 ea.

RAFTING ACCESSORIES

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 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.

\$100.00

204 BARREL PUMP

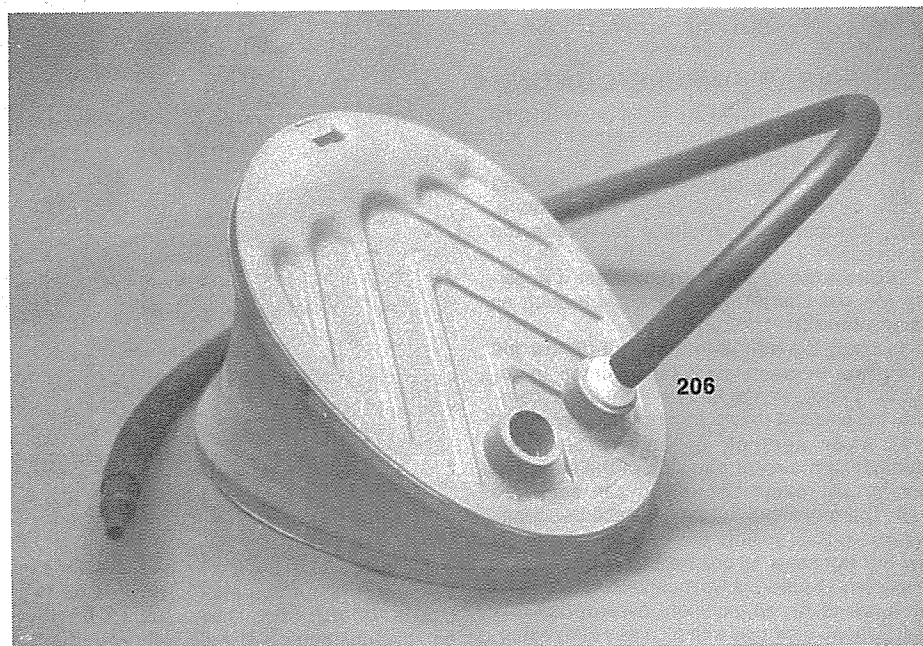
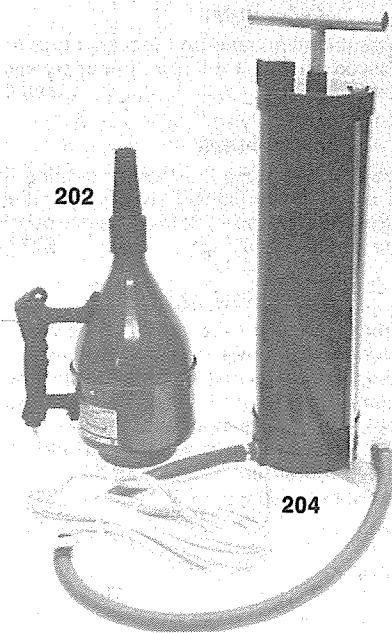
A well designed pump with a fine balance of features that improve the pump yet without excessive frills. The insides are quality precision parts and the fittings are worthy of the airplane industry. The 5½" x 18" barrel puts out a lot of air and has ports for inflation and deflation. We stock spare parts. Nozzle fits SPORT, Campways, Avon and other military styles.

\$75.00

206 NRS 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". (slightly larger than Campway's pump.) This pump fits rubber duckies, and all the UDISCO rafts.

\$38.00



ASH OARS

Smoker makes the best ash oar in the business. We hope to have an adequate stock this year - at least early in the season. (call us before placing your order.) 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.

191	7 ft. Ash	\$25.00 ea.
192	7½ ft. Ash	\$28.00 ea.
194	8 ft. Ash	\$45.00 ea.
196	9 ft. Ash	\$58.00 ea.
198	10 ft. Ash	\$75.00 ea.

210 CAMPWAYS PUMP

Campways pump had a lot of problems last year, but they back their products and we expect better products this year. Fits military style valves. **\$42.50**

212 AVON PUMP

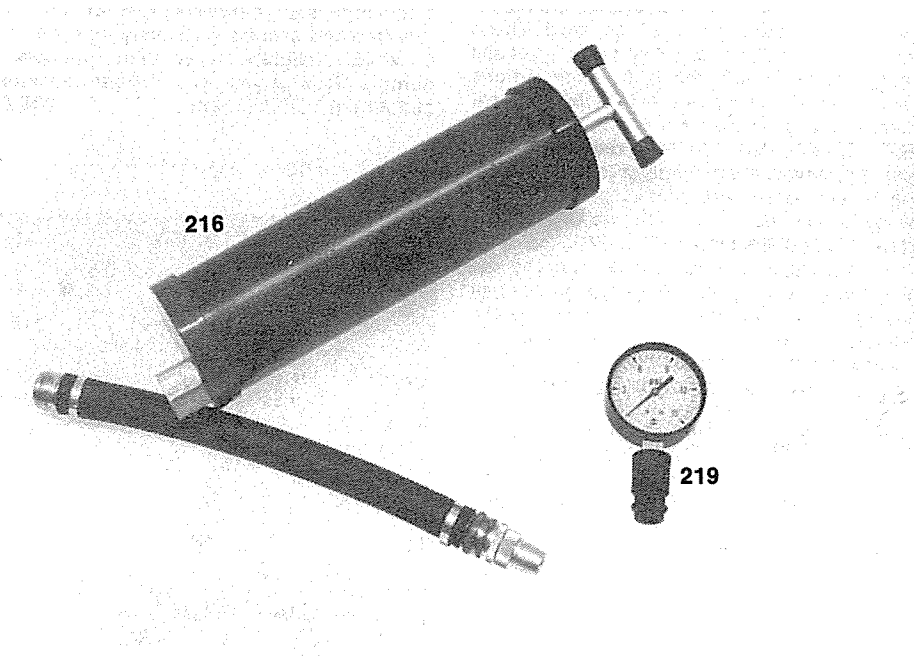
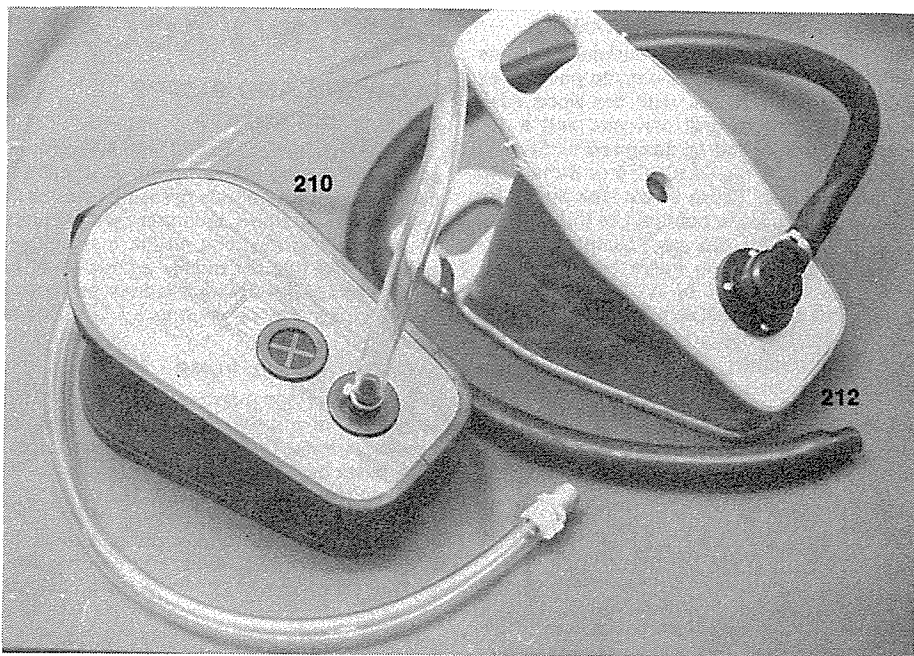
A combination hand and foot pump of unsurpassed quality. It will also fit military style valves. **\$56.00**

216 HAND PUMP

This 3" x 12" pump is super for topping off most any raft with military style valves. (Low Volume-High Pressure) Same superior quality as the barrel pump. **\$27.50**

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 the more expensive rafts. Be careful, don't overfill your boat just because you have a pressure gauge. Fits all the rafts we carry except the #106 6-Man. **\$18.00**



ADHESIVES/THINNERS/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, neoprene, and other rubber 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.) It does tend to puncture though, so you should wrap it in a 6 oz. juice can or other protector. 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. We feel painting a raft prolongs material life by providing abrasion resistance and offers protection from ozone and UV deterioration. Though the aluminum color reduces heat build-up more, the gray is stronger. 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.) NOTE: All of these items are flammable and can only be shipped UPS or motor freight, so please do not ask us to mail them to you.

231	Carboline - 3 oz. tube	\$3.00
233	Carboline Adhesive - Quart	\$8.00
239	Bostik 2-part - 1/4 ltr.	\$8.00
242	GACO thinner/cleaner - Quart	\$7.50
243	GACO thinner/cleaner - Gallon	\$20.00
246	Aluminum Coating - Quart	\$12.00
247	Aluminum Coating - Gallon	\$40.00
248	Gray Coating - Quart	\$12.00
249	Gray Coating - Gallon	\$40.00

PATCHING ITEMS

251 NEOPRENE REPAIR KIT

Includes a 6" x 52" piece of gray neoprene/UDISCO-type material, a roller/rasp, an assortment of small patches and a tube of Carboline adhesive. All in a wide mouth poly bottle. **\$7.50**

252 HYPALON REPAIR KIT

Same as #251 repair kit but includes either Campways hypalon, or Avon hypalon, packed in a poly bottle to keep it dry. Please specify which type of material you prefer. **\$9.00**

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. Because the surface is semi-cured rubber you only need to put the adhesive on the boat. These are just great for smaller holes in the bottom or tubes. Contains 1-6", 2-3 1/2", 3-2 1/2" and 4-1 1/2" patches. **\$2.50**

256 NEOPRENE MATERIAL

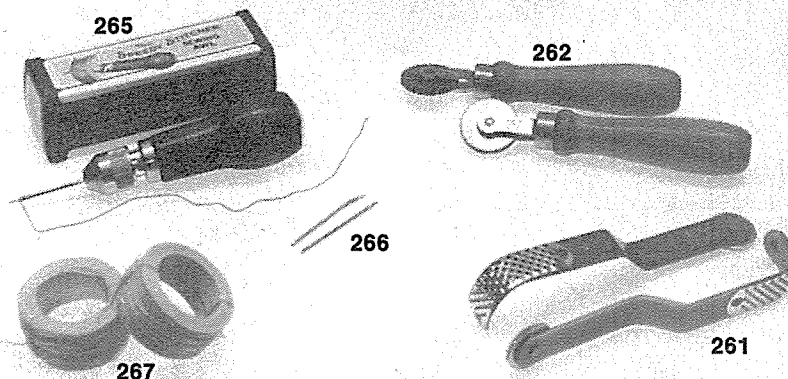
This UDISCO-type material is what we use to patch neoprene (UDISCO, yellow duckies, etc.) rafts; material is light gray on one side, buff on the other, roll is 52" wide, cost is per running foot, 38 oz. 840 Denier. **\$5.00 ft.**

258 AVON MATERIAL

High quality 32 oz. hypalon for patching any boat. Sold by the running foot, roll is 55" wide, medium gray color. **\$10.00 ft.**

259 CAMPWAYS MATERIAL

37 oz. hypalon for patching rafts. Sold by the running foot, roll is 55" wide, gray. **\$10.00**



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 and an excellent buy. **\$1.50**

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.) **\$3.00**

266 EXTRA NEEDLES

Two extra needles for the #265 Sewing Awl, one straight and one curved needle. **\$1.50 pr.**

267 EXTRA THREAD

30 yards of #140 coarse waxed thread for use with the #265 Sewing Awl. **\$.90**

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. **\$5.00**

OARLOCKS/STANDS/STOPPERS

280 MANGANESE BRONZE OARLOCKS

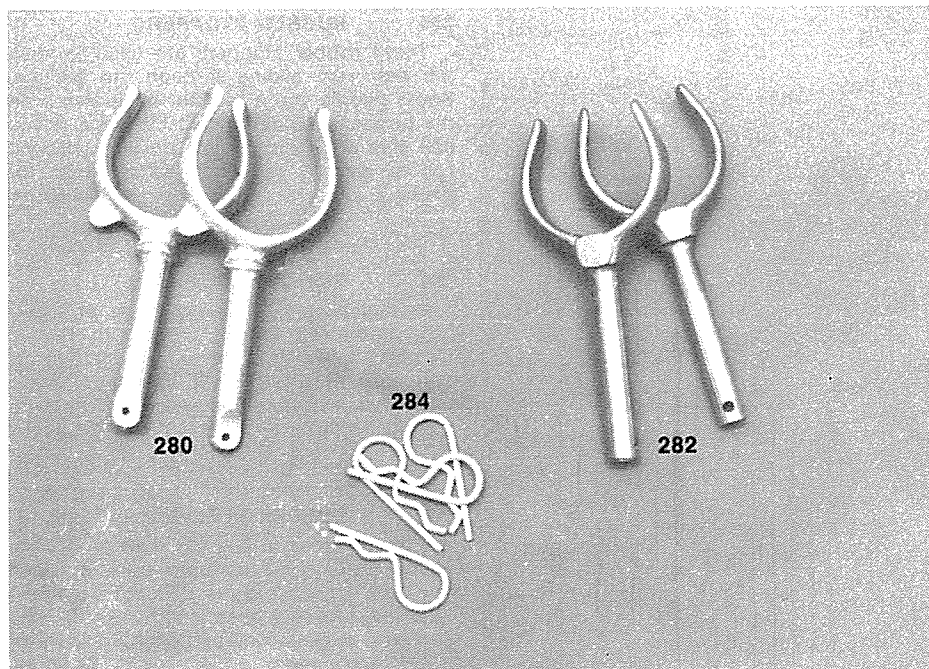
Long shank (3 1/2"), 5/8" dia. shaft, horn opening is 2" with 2-5/8" ID. Until we found the silicon bronze oarlocks, these were the best horn oarlocks available. If forced open these can be pounded back together (for smaller oars you may want to close the throat to about 1-1/2"). The shaft has been sized and polished for a 5/8" socket and drilled for a keeper. (Filing or polishing the inside of the horn is a good idea, too.) When using plastic oars, wrap the oarlock with 1/8" Nylon cord or use #297 Rubber sleeves. **\$9.00 pr.**

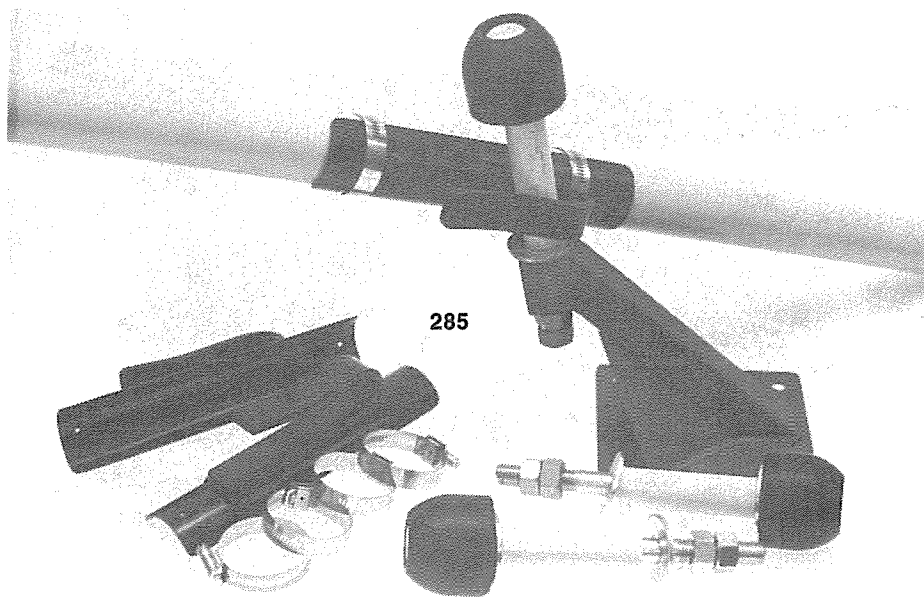
282 SILICON BRONZE OARLOCKS

These Silicon bronze horns spring back to their original shape when forced apart and they are also stronger than Manganese bronze. Shaft and horns are sized and polished, 5/8" dia., 3-3/4" shaft is drilled for keeper; horn opening is 2" with 2-5/8" ID. **\$20.00 pr.**

284 HAIRPIN COTTERS

Strong, secure, and convenient - Hairpin cotters are a practical way to fasten your oarlocks into the stands. **\$.50 pr.**



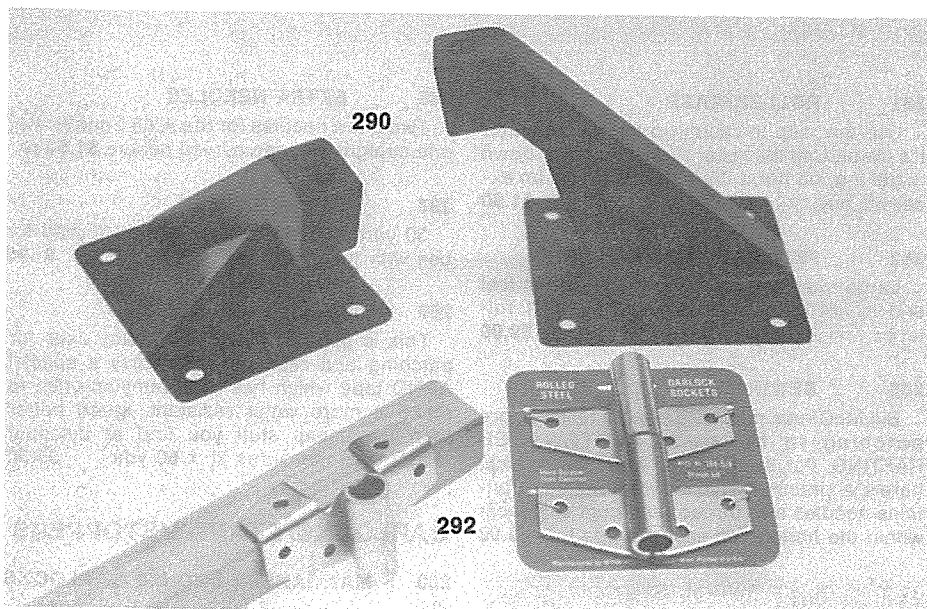


285 PINS AND CLIPS

Pins and Clips are more popular in California and the Southwest than here in the Northwest, where horn oarlocks are still very popular. Pins and clips give you more confidence and power in your strokes, because they keep the blade vertical and position the oar. However, you can't feather the oars or readily pull them in so you lose some useful rowing maneuvers. This loss of flexibility and subtlety in rowing 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. The set contains two $\frac{5}{8}$ " dia. bolts, bushings, rubber safety bumpers, nuts and washers, plus the 2 clips and radiator clamps for fastening on the oar. **\$24.00 set**

286 EXTRA CLIPS

When using our #285 Pins & Clips, spare oars must have clips mounted before use, so here they are. Includes 1 clip and 2 radiator clamps. **\$8.00 ea.**



290 OARLOCK STANDS

These stands are professionally designed and manufactured for heavy duty river use. They have a $5\frac{1}{4}$ " x $5\frac{1}{2}$ " steel base with 4 mounting holes and welded steel bracket that gives a 6" rise. The socket itself is $\frac{5}{8}$ " dia., 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 $\frac{5}{8}$ " dia. shaft. **\$32.00 pr.**

292 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 $\frac{5}{8}$ " dia. oarlock. **\$2.50 pr.**

295 RUBBER STOPPERS

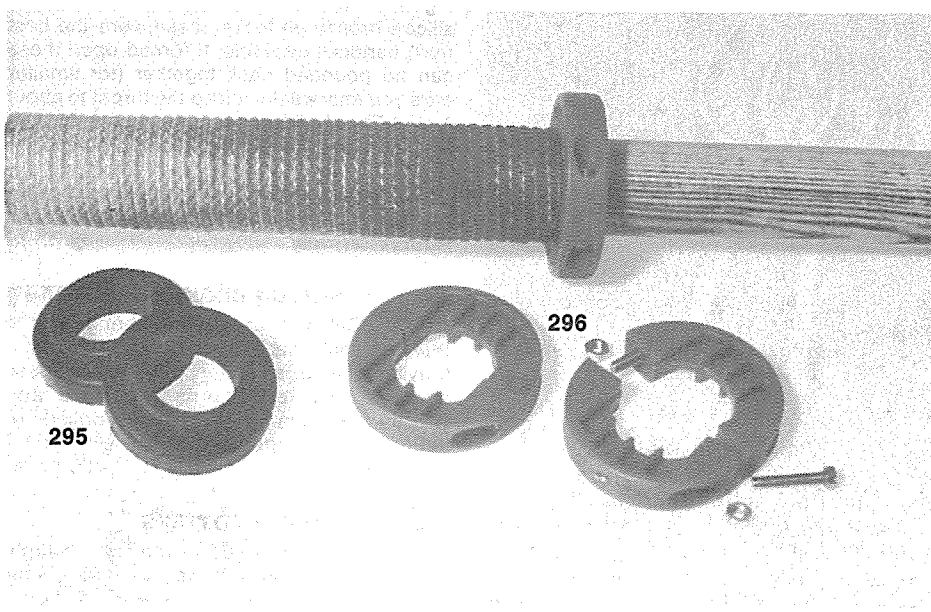
These rubber stoppers are used to keep the oar from sliding through the oarlock. Some people use a radiator hose clamp on the stopper shoulder to hold it in place, or you can glue or tape them into position (silicone rubber cement seems to be the best for gluing.) **\$3.50 pr.**

296 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 and effort. **\$5.50 pr.**

297 RUBBER SLEEVES

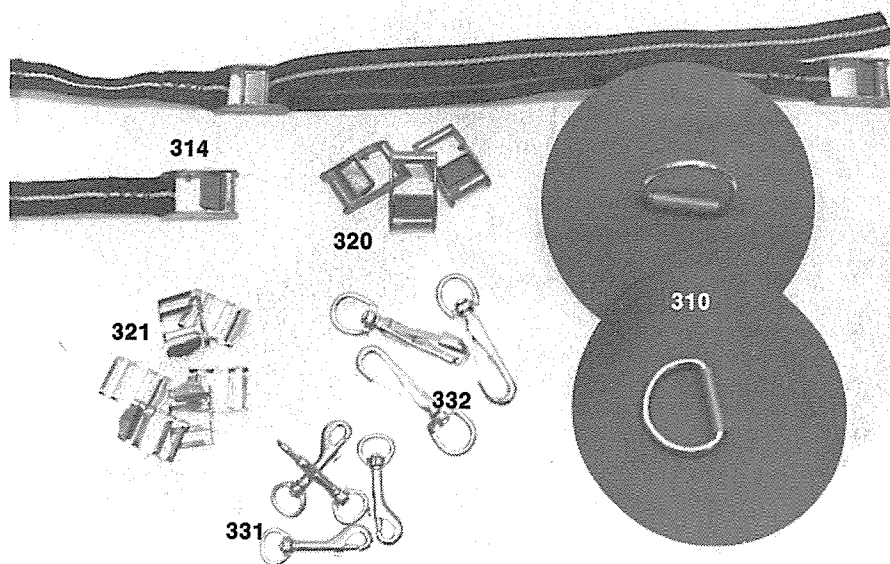
Radiator hose is just the right product to cover Carlisle's Aluminum oars in open oarlocks. (Nylon rope is difficult to attach.) Slide the one-foot hose length over the end and glue in place with carboline adhesive or Sportsman's goop. **\$4.00 ea.**



358 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 brads may weaken the oar.) This is what we wrap wooden oars with, usually 35' is needed per oar. Not recommended for plastic/aluminum oars.

\$.10 ft.

**D-RINGS/HARDWARE****310 NRS D-RING PATCHES**

We started our production on these items five years ago when we couldn't buy them, and we have improved them steadily. 7 1/2" dia. outer patch, 1-3/4" dia. cadmium plated steel D-ring, high quality Avon hypalon material — use these for attaching frames, gear, etc.

\$7.50

311 UNGLUED D-RING PATCHES

Save some money and glue these excellent patches yourself. 7 1/2" dia. outer patch, 1-3/4" dia. cadmium plated steel D-ring, quality NRS - neoprene like heavy-weight material.

\$5.00

314 3 ft. HD STRAP

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.

\$2.40

315 6 ft. HD STRAP

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

\$2.70

316 9 ft. HD STRAP

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

\$3.00

317 12 ft. HD STRAP

For strapping bags across the back of a deck or cradle. The 12' or 15' are the best answer I know. 9 ft. just isn't quite long enough for me.

\$3.30

318 15 ft. HD STRAP

\$3.60

320 HD BUCKLE

We know some of you will want to make your own straps, so here is the HD Cam-action buckle that we use in our #314 - #318 Heavy Duty Straps.

\$2.00

321 STANDARD BUCKLES

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. Not recommended for use as frame tie downs, package of 10.

\$1.00 pkg.

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

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 1" WEBBING

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

\$.10 ft.

327 1-3/4" WEBBING

This is the heavy duty webbing that we use on our #310 & #311 D-ring patches.

\$.20 ft.

331 BOLT SWIVEL SNAP

These are cast maleable iron and not cheap pot metal. They are handy for baggage lines, bailers, 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".

\$.75

332 SPRING SWIVEL SNAP

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

\$1.00

352 1/4" POLY-BRAIDED ROPE

This 12-strand polypropylene is more flexible, rugged, and softer to the touch than conventional polyropes. This is what we recommend for lashing in gear because, unlike nylon, the knots will not tighten when wet. Floats. Tensile 1300 lbs.

\$.10 ft.

354 3/8" POLY-BRAIDED ROPE

Bill McGinnis (Whitewater Rafting) says rafters should always carry a spare 200 ft. coil of 3/8" polyrope. (He also recommends 100 ft. of this type of rope as bow and stern lines.) Keep it coiled and protected, but readily available for emergency conditions. Cheap insurance. Floats. Tensile 2000 lbs.

\$.10 ft.

356 1/2" POLY-BRAIDED ROPE

We found this hollow braided rope to be the most practical rope on the market for a lifeline around the raft. Big enough to get a good grip on and yet easy to work with (braids back into itself to go around D's and tiedowns, etc.). Also good for general purpose rope if you don't feel 3/8" is enough. Floats. Tensile 2500 lbs.

\$.15 ft.

358 1/4" NYLON ROPE

This is the rope we use to wrap wood oars with. (See write-up in oarlock section.) It can also be used to tie down gear but we prefer the #352 1/4" poly-braid rope.

\$.10 ft.



LIFE JACKETS

For lakes you might save some money and buy cheap vests at a discount house. For whitewater use — get something good! Type I is the universal commercial model 22 lbs. or more protection, should turn an unconscious person upright and slightly back. Type III are those jackets approved for recreational vessels. They provide 15 lbs or more bouyancy and have tendency to float a conscous person in vertical position. The whitewater jacket has a type V rating as a commercial river runner's jacket with 22 lbs flotation and also carries a Type III certificate.

400 TYPE I LIFE 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 the kapok that provide at least 22 lbs. of flotation, wrap around straps and a middle clasp 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. **\$25.00**



361 RESCUE ROPE

California Rivers produces quality products, and this rescue rope is no exception. It's 60 feet of 2,000 lb. test $\frac{3}{8}$ " solid/braid 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 ropes on the market — but this one is the best and is well worth the few extra dollars. **\$28.00**

363 THRO-LINE

The folks at Whitewater Sports spent a lot of time working on the details of this 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.) This bag may well be the best value for your money. **\$20.00**

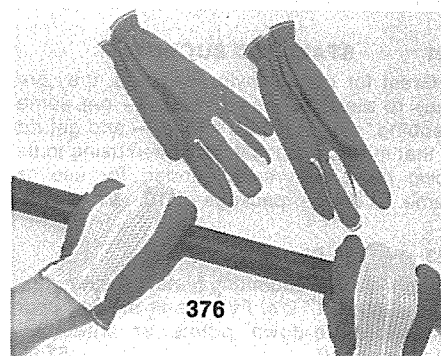
375 OTTER BAG

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 lying 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. **\$6.50**



376 VINYL GLOVES

These rafter's gloves are light, yet very strong, and 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 reasonably good ventilation. They dry out quickly and so protect your hands without letting moisture cause blisters. Try them for canoeing too. Really a super deal because they last for hundreds of miles. Also provides some warmth for chilly days, but not much. Sizes: S, M, L and XL. **\$5.00 pr.**





404 WHITEWATER LIFE JACKET

This Stearns jacket has a solid feel and performs well in the water. (Formerly the River Rafting Jacket) 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. There is enough overlap that people close to the dividing line can use either size. **\$50.00**



410 DELIVERANCE LIFE JACKET

Deliverance - crummy name - good kayaking jacket. Perhaps not as good as the Type V's and I's, but more comfortable and pleasant to wear for any river use. Because of its comfort, it's being used a lot more now for every whitewater use, (rafting, kayaking, and canoeing.) 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 kayaking so you won't mess up on your roll. Has a good zipper, snap at the bottom and cloth tie at the waist. Gold or blue colors. XS (30-32), S (34-38), M (40-42), L (44-46), XL (48-50). **\$32.00**

415 BELTED AMERICAN LIFE 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. This is the best economical jacket that we could find on the market! 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. **\$27.50**



418 PEE WEE LIFE JACKET

A small version of the standard Stearns jacket, plus the added features of body/leg straps. USCG approved type III for recreational use; once your children are in these jackets the leg straps hold 'em in so there is no worry about the jacket coming off. Three sizes: Small fits ages 2-5, chest 20"-24", Medium fits ages 5-7, chest 24"-27", Large fits ages 7-9, chest size 27"-30". **\$19.00**

419 KINDERGAARD LIFE JACKET

Designed for children that 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 best protection possible when combined with a plan that never leaves an unsupervised child near the water. **\$25.00**

WATERPROOF BAGS AND BOXES

NORTHWEST RIVER SUPPLIES

Our bags are well established now, but we're still working on improvements in both the design and production. This year we added more velcro to the closure, eliminated potential wear points on the bottom, improved the strap stitching and length, etc. While the quality keeps going up, the price unfortunately seems to be getting up there, too. In all of our bags we use a PVC covered/Dacron fabric which is extremely resistant to puncture, abrasion and weathering. We honestly believe these bags to be superior to any other bags on the market. Bags are guaranteed for one year against defects in material and workmanship for recreational use.

420 BILL'S BAG

This year we again made some minor improvements and increased the size of the velcro tabs that are used to start the top seal. For a watertight bag, fill it with all your gear, press the tabs together, roll down a minimum of three folds and cinch down the top and side straps. This 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 personal 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 13" x 16" x 32" high (measured packed full.) **\$35.75**

422 BLUE BAG

Most of us can pack all our personal gear into a Blue bag for even the most extended river trip. It's a handier size than the #420 Bill's bag, but not as much space for the money. To close the bag, press the velcro tabs together, roll the top down for a minimum of three folds and then cinch the straps tight. 18 oz. PVC-covered dacron, bright blue color. This year we added shoulder straps and snaps so it has all the features found on #420, but in a smaller sized bag. Dimensions: 10" x 15" x 25", (measured packed full.) **\$32.75**



P.O. Box 9186
Moscow, Idaho 83843

Phone orders accepted from 9 a.m. till 5 p.m. (Pacific time) Weekdays. (Saturday hours, 9 a.m. to 3 p.m. April 5 to August 2 only.)

NAME.....

STREET.....

CITY STATE ZIP

PHONE NUMBER ()

☐ I have moved since my last order, my old address was:

STREET

CITY STATE ZIP

☐ Money Order ☐ Check

☐ Visa/BAC ☐ Mastercharge

Card Number

4-Digit No. (Mastercharge)

Expiration Date and Letter Code

Signature

[illegible]

NAME

STREET

CITY STATE ZIP

**DO YOU HAVE A FRIEND WHO
WOULD LIKE OUR CATALOG?**

NAME

STREET

CITY STATE ZIP

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

Method of Shipment

MERCHANDISE	
UPS - 6% of Mdse.	min. \$1.50
PP - 10% of Mdse.	min. \$2.50
MOTOR FREIGHT	collect
Id. Residents only 3% State tax	
TOTAL	

NRS USE ONLY:

Date _____

Invoice No.

SHIPPING POLICY

We are proud of the fast, dependable service that we offer. If your order cannot be filled and shipped within 3 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 (It is slower and more costly.)

For orders shipped via UPS to the lower 48 states our policy is to charge 6% 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 \$25.00 in the other states.

For orders shipped via Parcel Post 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 rafts, frames or long ash oars (8' or longer) will be shipped collect via motor freight (FOB Moscow, Idaho.) You pay the delivering carrier for freight. For estimates on charges consult your local freight company or check with us. Orders over \$1000.00 to the lower 48 states are shipped freight free - we pick up the tab.

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.

TERMS

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

PHONE ORDERS

208 882-2383

Phone orders are accepted between 9:00 A.M. and 5:00 P.M. (Pacific Time) Monday through Friday (Saturday hours, 9 A.M. to 3 P.M. April 5 to August 2 only.) To insure accuracy, please fill out an order form and then read it to us. Mastercharge, VISA, and UPS or Parcel Post C.O.D. orders accepted by phone. If ordering C.O.D., you pay the C.O.D. fees in addition to our normal shipping and handling charges. C.O.D. fees start at \$1.00 (You must pay in CASH ONLY.)

STORE HOURS

Our store hours are 10:00 A.M. to 5:00 P.M., Monday through Friday, and 9:00 A.M. till 3:00 P.M. Saturdays. Saturday hours from April 5 through August 2 only (closed May 24 and July 5.) 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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Moscow, Idaho 83843

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NAME

STREET

CITY STATE ZIP

PHONE NUMBER ()

☐ I have moved since my last order, my old address was:

STREET

CITY STATE ZIP

Please check method of payment

☐ Money Order ☐ Check

☐ Visa/BAC ☐ Mastercharge

Card Number

4-Digit No. (Mastercharge)

Expiration Date and Letter Code

Signature

[illegible]

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

NAME.....

STREET

CITY STATE ZIP

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

Method of Shipment

**DO YOU HAVE A FRIEND WHO
WOULD LIKE OUR CATALOG?**

NAME.....

STREET

CITY STATE ZIP

MERCHANDISE	
UPS - 6% of Mdse.	min. \$1.50
PP - 10% of Mdse.	min. \$2.50
MOTOR FREIGHT	collect
Id. Residents only 3% State tax	
TOTAL	

NRS USE ONLY:

Date, _____

Invoice No.

SHIPPING POLICY

We are proud of the fast, dependable service that we offer. If your order cannot be filled and shipped within 3 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 (It is slower and more costly.)

For orders shipped via UPS to the lower 48 states our policy is to charge 6% 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 \$25.00 in the other states.

For orders shipped via Parcel Post 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 rafts, frames or long ash oars (8' or longer) will be shipped collect via motor freight (FOB Moscow, Idaho.) You pay the delivering carrier for freight. For estimates on charges consult your local freight company or check with us. Orders over \$1000.00 to the lower 48 states are shipped freight free - we pick up the tab.

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.

TERMS

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

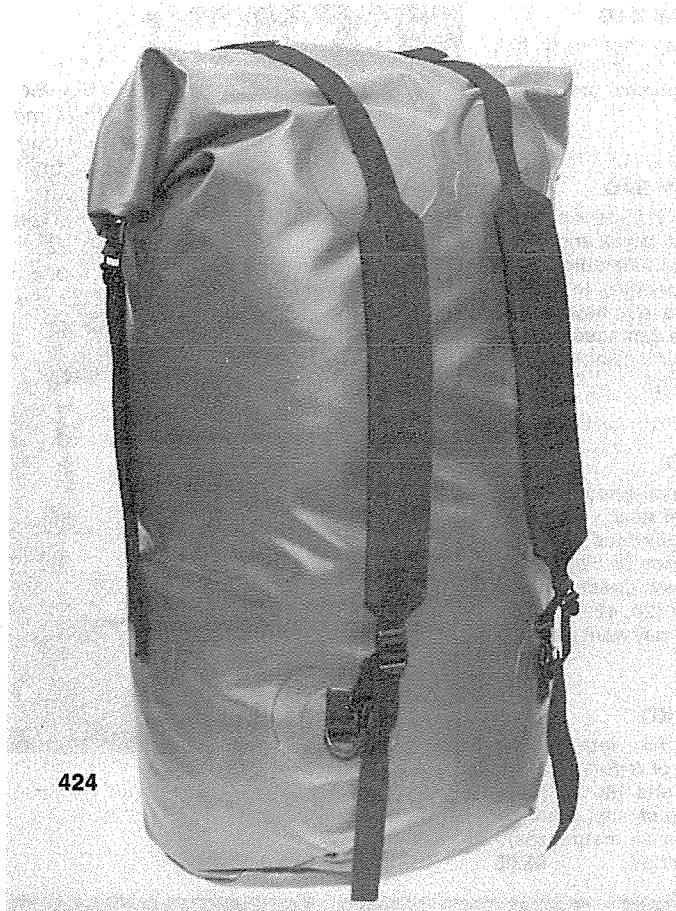
PHONE ORDERS

208 882-2383

Phone orders are accepted between 9:00 A.M. and 5:00 P.M. (Pacific Time) Monday through Friday (Saturday hours, 9 A.M. to 3 P.M. April 5 to August 2 only.) To insure accuracy, please fill out an order form and then read it to us. Mastercharge, VISA, and UPS or Parcel Post C.O.D. orders accepted by phone. If ordering C.O.D., you pay the C.O.D. fees in addition to our normal shipping and handling charges. C.O.D. fees start at \$1.00 (You must pay in CASH ONLY.)

STORE HOURS

Our store hours are 10:00 A.M. to 5:00 P.M., Monday through Friday, and 9:00 A.M. till 3:00 P.M. Saturdays. Saturday hours from April 5 through August 2 only (closed May 24 and July 5.) 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.



424



424

424 PORTAGE-PACK

At last, the new heavy-duty pack we've been promising for years! Built super strong for those difficult times when you need a pack you can carry a mile or two, yet clip into a canoe or raft. This pack is made of forest green, 18 oz. PVC coated Dacron with padded shoulder straps, nickel-plated steel hardware with a black anodized finish so you can also use this bag for hunting or fishing. Straps snap to lower, welded steel D-rings so you can easily secure them to a thwart. This universal bag is not just for river running, but designed and built for all those times on the water or in the rain when a waterproof bag is necessary. This bag will hold up to heavier loads, longer portages and generally worse conditions than you will. 13" x 16" x 32" high (measured packed full.) **\$43.75**

426 GEAR BAG

We've increased the size of the Gear bag for 1980, it's now 23" x 40". That's enough dry storage for an overnight trip, or if you pack lightly there is enough room for 2 days gear. Bright blue 18 oz. PVC coated Dacron material, patented slide closure and two heavy-duty corner grommets for convenient tying down. Lots of waterproof storage at an economical price. **\$19.75**

428 DAY BAG

The Day bag is the smallest (14" x 23") bag that we have designed. It's just the right size for keeping your lunch or small camera dry. Two corner grommets make it easy to tie into your raft, canoe or kayak, and the slide closure allows you easy access. Bright blue 18 oz. PVC coated Dacron. **\$14.00**

NRS FLAT BAGS

Because our 18 oz. PVC coated Dacron material is much stronger than unsupported vinyl, we are now using it in our new line of economical flat bags that offer substantial advantages over competitive bags. All bags use a slide closure, have heavy duty corner grommets for tie downs and offer long life and high strength at a very competitive price.



426

429 SPORTSMAN GOOP

Two years ago we had people coming into the store telling us that we should offer this product. We tried it, and we liked it. It can be used to patch holey wetsuits, leaky rafts, worn-out tennis shoes or just about anything else you could dream of. Sportsman Goop is particularly good for covering wear spots in waterproof bags; a little dab on the corner will give you a seasons worth of protection. Try it, you'll like it. Easy to pack 4 oz. tube. **\$2.75**

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. California Rivers is noted for their well-designed products, and this is no exception. Two shoulder straps (snap-ended and adjustable) and a large carry handle make this a convenient bag to use. It's large enough to hold one person's gear if you pack tightly, dimensions are: 10" x 17" x 23" high. **\$32.50**

434 #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; no slide so it stuffs into a tight space okay. Dimensions are 13½" x 17". **\$14.00**

436 #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". **\$17.00**

438 VOYAGEUR DAY BAG

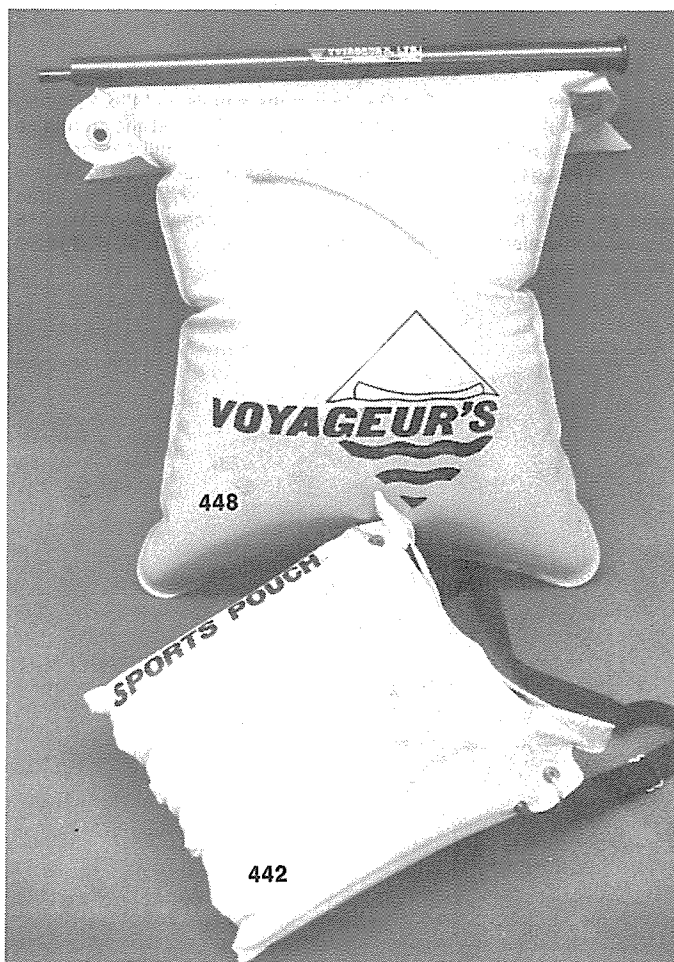
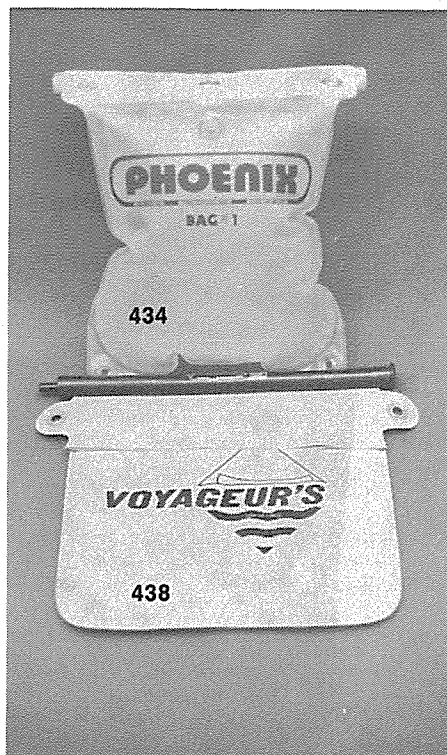
For three years I used a Voyageur camera bag to carry a camera in my kayak and it was a super bag. This bag isn't inflatable, but it does have an inner foam padding to protect your camera. The tab/ears are beyond the slide closure, so if they were damaged the bag would still be water-tight. Dimensions are 12" x 14", light blue, 20 mil. vinyl. **\$14.00**

630 NRS PATCH KIT

Our repair kit that is small enough to be hard to find in a bag full of gear - but large enough to use when you really need it. 1/5 oz. adhesive and a 3" x 4" piece of clear vinyl, packaged in an envelope with directions. We include it with each of our #420, 422 and 424 bags at no charge - but you may want a spare. **\$.50**

755 VINYL REPAIR KIT

This is our super repair kit - intended for those of you who want lots of repair power. It contains 2 oz. of adhesive and 180 sq/in's of material. Bonds to all kinds of vinyl products (waterproof bags, tube tents, air mattresses) - a must item for long river trips. **\$3.00**



442 SIMA SPORTS POUCH

The pouch is a double-walled vinyl inflatable camera bag with a ziplock closure (also has a velcro-tab flap that protects the ziplock.) 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. Provides adequate protection for someone who carries their camera out a lot and wants to keep it handy. **\$16.00**

444 AQUATERRA CAMERA BAG

The Aquaterra bag is double-walled with a pattern of welds to keep the size down by "quilting" the double wall you blow up. This bag is well-designed with a double-flap top system of twist locks, grommets for tying it down, etc. Keep covered in direct sunlight to avoid condensation. Size: 16" x 15" long when inflated. **\$18.00**

446 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. Uses two air chambers - one on each side. Maybe a little time consuming to get in and out of, but worth it. Best covered with a cloth in direct sunlight to avoid condensation. Measurements when closed (inner bag), 19" wide, 14" long. **\$25.00**

448 VOYAGEUR CAMERA BAG

Same design as the #438 bag, only inflatable and much larger. You can probably get a movie camera, with film or lunch and a sweater in this one. 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 place behind the seat of my kayak. Large enough to be a practical day bag, dimensions are 17" x 19". Light blue color, also includes repair kit. **\$18.75**



450 MAP CASE

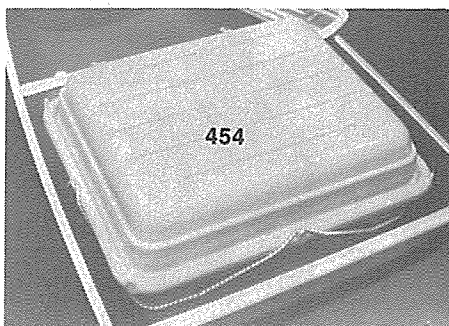
This see-through 8 mil. plastic pouch is great for maps and river guides, also can be used to store wallets, books, etc. Its ziplock closure makes it waterproof (and easy to open), while the corner grommet makes it easy to secure. Dimensions are 6¾" x 10". **\$1.75**

452 VIM CASE

Very Important Map Case - A good sized clear plastic case with foldover, snap-down opening. Excellent for holding a map - and large enough to hold our catalog too. (8½" x 11") Corner grommets let you tie it in, but I just slip it under something so I can pull it out anytime. **\$2.40**

454 DRY BOX

This is clearly a better mousetrap for the canoeist and rafter. Its capacity is huge-5.5 cubic feet. For canoeing with limited short portages, it just can't be beat, and for rafting it's easy to sling behind the boatman and provides enough easy access space for any group. It seems indestructible in any foreseeable conditions; it's waterproof, etc., and weighs 15 lbs. This may well be the first of a new generation of canoe and river running containers. Dimensions are 17" high x 25" x 31", bright yellow. Must go UPS or freight. **\$110.00**



455 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. **\$25.00**

456 PELICAN BOX

Pelican boxes are manufactured by a supplier of diving equipment and are waterproof under conditions you wouldn't even dream about experiencing on a river. Use this airtight container to carry anything (from aspirin and film to personal valuables) that needs maximum protection. I used it for a first-aid kit last summer and just let it float free in the bottom of the boat. This heavy duty box is made of yellow ABS plastic, complete with replaceable neoprene gasket and mirror. One-year guarantee against defects in workmanship. Interior dimensions are 3" x 4¾" x 7½". **\$9.00**

458 PELICAN CASE

This is the newest in waterproof cases. If you need the perfect box for your antique music box or 300mm lens, or both, this is the box for you. You can tell by looking at the following specifications of this amazing case that Pelican is going to be a very tough product to improve or to compete against. This compact case is a ½" thick injection molded ABS shell with a carrying handle. It has a watertight neoprene seal and the interior has a sculptured foam insert with a "Pelican Pluck and Fit" feature (7 layers of blue foam, 1-layer convoluted, 1-layer with pre-cut foam grid.) Many uses, but definitely a river trip essential if you have valuable equipment. One-year unconditional breakage/leakage guarantee. Silver-gray, 18"x12"x6½". (Camera and shoulder strap shown in picture not included.) **\$65.00**



WET SUITS

These 1/8" thick suits are flexible and comfortable and offer sufficient warmth for almost all trips, including those in early spring. The heavier gauge suits (3/16" and 1/4") may be necessary for diving, because the neoprene compresses at depth, but we don't sell these suits because they give you, sort of, an ape-man feel. 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 spend those miserable minutes trying to get out of a suit. 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. Women's suits come in three sizes and they are all cut in a very full "Dolly Parton" style. Men's suits come in 6 sizes. All suits are of the finest domestic nylon-lined neoprene - all suits carry a one-year unconditional guarantee against defects in material and workmanship. 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 \$7.50 to \$46.00 depending on your suit, size, and how fast you need it.

Wet Suit 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	37-38	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	31-32	6' 0"-6' 2"	190-200
Women						
Small	31-33	24-26	33-36	22-24	5' 0"-5' 3"	95-110
Medium	33-36	26-28	35-38	25-27	5' 3"-5' 7"	110-135
Large	35-39	28-30	37-40	28-30	5' 7"-6' 0"	135-150

Custom suit information on request

462 WILDERNESS JACKET

This jacket is cut an extra 6" long — thus it provides more protection than the average jacket and yet good arm and upper body freedom for paddling. 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 (men) offer an almost custom made fit without the custom charge. **\$44.00**

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. Excellent for all water sports because it keeps your legs and body warm, yet doesn't bind the upper body and arms. **\$57.50**

466 WILDERNESS SHORT JOHN

Resembles a one-piece (and modest) bathing suit. 1/8" neoprene, velcro shoulder entry with snap, short arms and legs. This suit is often worn under other clothing by rafters and canoeists for emergency protection. **\$38.50**

468 KAYAKER'S VEST

A very useful item. Good for those nice days with chilly water or wear it under other clothing for rafting or canoeing as well as kayaking. **\$21.00**



480 HARD SOLE BOOTS

The soles are thicker (5/32") 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 good tread). 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-1 uppers. Mens full sizes 4-13 (please state if ordering womens sizes.) **\$16.00 pr.**

482 MOLDED SOLE BOOTS

We believe these are a superior type of wet-suit boot for those who wear booties alone. 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've worn a pair for two years, and found them to be very comfortable. However, like all neoprene products, they demand careful use and some patching. 3/16" neoprene nylon-uppers bonded to a 3/8" rubber sole. Mens full sizes 6-12 (please state if ordering womens sizes.) **\$26.00 pr.**

484 THREE-FINGER MITTS

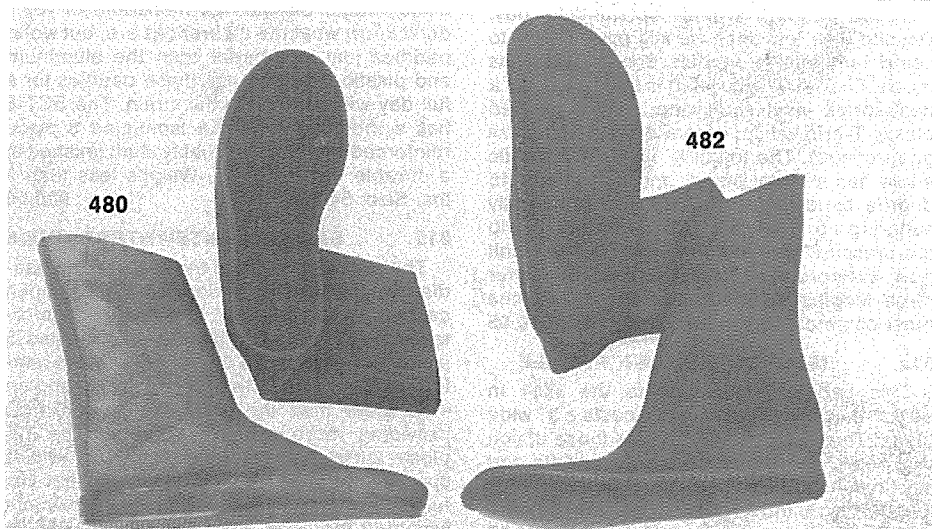
We've found this design gives a better grip than the mitts. The finger seems rather narrow to us, but maybe we have fat fingers! You still can't pick up a dime with the mitts on, but how many dimes do you need on a river? Very practical for both kayaking and canoeing. Sizes: Small, Medium, Large. **\$10.00 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, XL. **\$9.50 pr.**

488 WETSUIT GLUE

A black liquid neoprene suspended in some sort of solvent base. Use for fixing your spray skirts or wet suits, or it can even be used for repairing rafts. 4 oz. can with brush top. **\$2.25**



APPAREL & MISCELLANEOUS

501 GORE-TEX JACKET

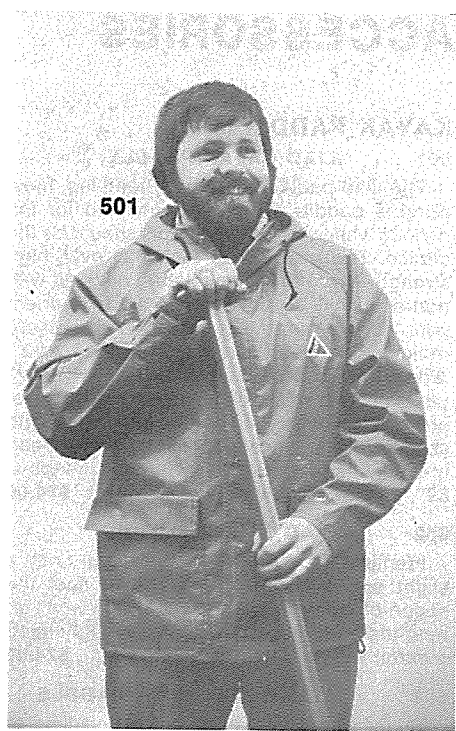
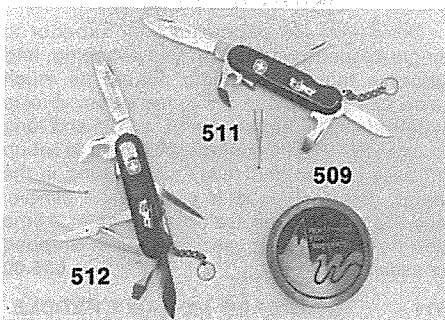
Pacific/Ascente makes quality backpacking gear and clothing. This Gore-Tex jacket is well-designed; it has both a hood, which I think is necessary, and styling, which makes it very attractive. Gore-Tex, as you probably know, is a cloth laminate that is impervious to water, but not to water vapor. So here is an attractive, all-weather sports jacket that's perfect for those misery trips when it rains every day. The jacket has a lined hood, and front zipper and snap flap for protection. Also has 4 pockets - 2 wide opening hand pockets and 2 velcro flapped storage pockets; raglan sleeves for a nice fit over the shoulder and gusseted cuff with snap and adjustments for ventilation; hip length with drawstring hem. Royal Blue, weight is 15 oz., X-Small thru X-Large. **\$65.00**

505 NRS T-SHIRT

It's finally here! After the popularity of our belt buckle and four years of customer requests, we've seen the light. Our logo is on the front of these quality 50% cotton, 50% polyester Jockey Tko T-shirts. Screen processing is done by Thumbprints, a small Colorado company known for their artistic quality. We expect the T-shirts to be our most popular catalog addition. With orders over \$100.00 the price drops to \$3.50 per shirt. Assorted pastel colors. Sizes: S, M, L and XL. **\$4.95**

509 NRS BELT BUCKLE

A quality, solid brass 3" dia. buckle with our NRS logo on a black background. Commercialism! Maybe, but we think it's an attractive buckle, at a reasonable price. **\$5.00**



SWISS ARMY KNIVES

I've sometimes been afraid a pocket knife blade would collapse on my hand. You probably have felt the same way. Now, Wenger, one of two authorized manufacturers of Original Swiss Army Knives has come up with a new locking blade. In my opinion a locking blade is essential and this is the only manufacturer that offers it. We selected two knives from this new Backpacker Series for river runners. They are also the first Swiss Army Knives with a lifetime guarantee. All blades and tools are high-quality stainless and the familiar red handle is embossed with the new Backpacker logo. Anyone that has owned a Swiss Army Knife can tell you how handy they are.

511 THE ADIRONDACK

Features 7 tools including the "Packlock" locking blade, smaller pen blade, can opener, tweezer, reamer/leather punch, corkscrew, bottle opener/wire scraper/screwdriver and lanyard chain. This knife has the essential tools necessary for every trip. Weighs only 2 oz. **\$19.00**

512 THE TETON

The "Packlock" blade is only one of eight tools which include the smaller pen-blade, can opener, screwdriver/wire-scraper/bottle opener, corkscrew, tweezer, reamer/leather punch, scissors and lanyard chain. The addition of scissors sets this knife apart from the Adirondack. They are useful for first aid and for trimming patches for your tent, float bags or other lightweight items. Weighs under 3 oz. **\$25.00**

513 KNIFE SHEATH

This is a leather belt sheath with a snap closure to keep your knife handy and lessen the risk of loss. **\$3.75**

KAYAK AND CANOE ACCESSORIES

KAYAK PADDLES

601 ILIAD KAYAK PADDLE

The Iliad paddle is the best handling, most durable paddle we have found, and for the serious whitewater kayaker, this should be the choice. The paddle has a slightly oval, high strength aircraft aluminum shaft covered with non-slip vinyl. The oval shape helps to orient your control hand. The blades are pressure molded fiberglass and measure 8½" x 22". This is the paddle I use and it has survived six years of Northwest boating; others we know of are in their 10th year of use. The 84" length seems to be the most popular, but length really is a matter of personal preference. Lengths: 82", 84", 86". 84" weighs 3 lbs. 2 oz. **\$74.00**

602 ILIAD SPOON BLADE

Identical to the #601 paddle, but with a slight spoon blade. Some people feel the spoon blade is an advantage, others won't go near them. 84" weighs 3 lbs. 2 oz. Right hand control; 82", 84", 86" lengths. **\$74.00**

603 ILIAD BREAKDOWN PADDLE

Bouts with bureaucrats convinced Iliad to produce a two-piece paddle and conform to UPS shipping regulations. This is also the only Iliad we can ship Parcel Post. All of you air travelers and sub-compact owners will find this the perfect quality paddle.

Construction is of the same high quality materials as the #601 and #602, but with a round instead of oval shaft. Iliad has used an innovative male-female design so the shaft fits together tightly, with no play. Tighten down the recessed allen-head screw with the wrench provided, and you'd never know you were using a breakdown paddle. The 84" length weighs 3 lbs. 12 oz. 82", 84", 86" lengths. **\$80.00**

605 NRS KAYAK PADDLE

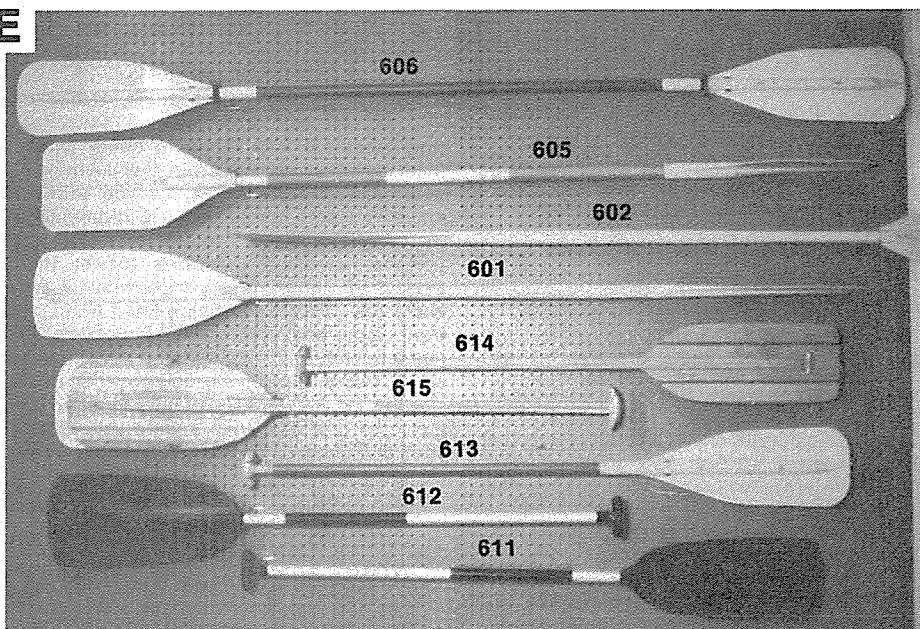
Large blades and low price make this an excellent beginners paddle. We use Cannon magnum blades (9" x 20") and a 1¼" diameter 6061-T6 aluminum shaft with shrink-fit vinyl grips that give an excellent grip and help keep your hands warm. Internal plugs keep the water out (it floats), 82" long, weighs 3¼ lbs. Shipped unassembled. **\$30.00**

606 CARLISLE KAYAK PADDLE

These Carlisle 7½ ft. breakdown kayak paddles have 8" x 20" blades, smooth ABS plastic covered 1-1/8" aluminum shafts, and secure slide-lock joints. The 7½' length makes this paddle just the right size for use with inflatable canoes/kayaks. The breakdown feature also allows you to carry it under your float bags, or with the use of the #607 handles — have the rafters/canoeists carry your spare paddle for you. Weighs 3-¾ lbs, waterproof, so it floats. **\$28.00**

607 CARLISLE ADAPTER HANDLES

These handles allow you to change a Carlisle breakdown kayak paddle into 2 canoe/raft paddles — the best idea we've found for taking along that spare paddle. Sold only in pairs, 7½ ft. kayak paddle becomes two 63" canoe paddles. **\$10.00 pr.**



CANOE PADDLES

Canoe 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.

610 NRS CANOE PADDLE

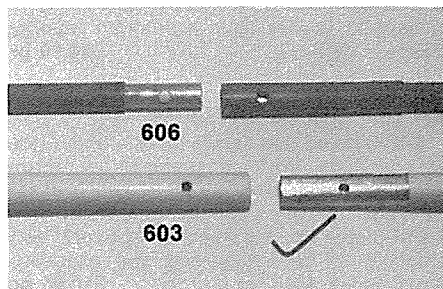
Double-bladed paddles are far superior to single-bladed paddles for solo canoeing, and improve tandem paddling almost as much (also can be used in the small yellow duckie type rafts.) The big blades (8" x 20") and long length (107") of this paddle allow you to set up an easy rhythm and really move along in the water. The technique is really quite simple, and the advantages are obvious the first time you try it. 107" long, weighs 3½ lbs. Shipped unassembled. **\$35.00**

611 STANDARD MOHAWK PADDLE

These paddles are an outstanding buy. Despite their low price we still prefer them to some 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 8" wide ABS plastic blade has a metal insert, and can take a 45 degree bend in the lower blade apparently suffering no ill effects. The blade and T-grip are pressure fitted onto the shaft — the result is a waterproof (it floats) paddle. We offer three lengths: 57", 60" and 63", 60" is the most common choice for rafting use. **\$10.95**

612 MAGNUM MOHAWK PADDLE

This paddle is identical to the #611 in design and construction, but boasts a 9" wide blade. This is a good paddle for those of you who really like to lean into your paddle and see results. Offered in 57", 60" and 63" lengths; again most rafters prefer the 60" size. Weighs 2¼ lbs. **\$14.95**



613 CARLISLE RAFTING PADDLE

Designed for whitewater use, this paddle has about the same blade area as the standard Mohawk but is much stiffer and stouter. (You may have seen Carlisle's ad which featured his paddle being used to split wood.) We don't recommend using this paddle as an axe, but if durability and long life are essential to you, this is a good choice. 8" x 26" ABS blade, plastic covered 1-1/8" diameter aluminum shaft, T-grip handle, weighs 2¼ lbs. 56" or 60". **\$15.00**

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 wood paddles just feel better than the aluminum and plastic. You can use these paddles for a full day without feeling the strain. The SCT-8 has a modified T-grip, a laminated 8 piece reinforced blade and a quality shaft finished in a durable marine finish. Weighs less than 2 lbs. Size: 54" and 60". **\$20.00**

615 SAWYER WHITEWATER PADDLE

This is Sawyer's top of the line wooden paddle designed for the serious whitewater open canoeist or C-1 paddler. It features a comfortable modified T-grip handle, a laminated 5 piece oval shaft and a 9" x 22" fiberglass reinforced blade that is two inches longer and an inch wider than the standard Sawyer, thus providing more gusto per stroke. The 12-piece laminated blade is ¼" thick with a special fiberglass tip reinforcement that virtually eliminates splintering. Approximate weight, 2 lbs. 4 oz. Size: 54" and 60". **\$35.00**

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**

624 VOYAGEUR ULTRALIGHT SPLIT BAGS

Voyageur took the latest fabric technology and designed unique float bags for the performance-minded, weight-conscious kayaker. To reduce kayak swing weight to a minimum you need light float bags. Voyageur used a 210 denier urethane coated Nylon to produce these extra strong - extra light split bags. The bags have an unconditional seam guarantee and the complete set weighs only 29 oz. (Conventional 20 mil bags weigh 70 oz.) Cherish these bags (sand those fiberglass stickers down) and they'll outlast your kayak. Light yellow. **\$70.00 set**

625 VOYAGEUR STO-FLOATS

Two years ago we added the Voyageur Sto-floats after seeing them in use for several years. We're glad we did, the quality of these 20 mil. blue vinyl bags has been very impressive. 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. **\$37.00 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 made to fit your boat. Blue vinyl 20 mil. bags with Voyageur's patented closure. 4 bags. **\$44.00 set**

627 PHOENIX STO-FLOATS

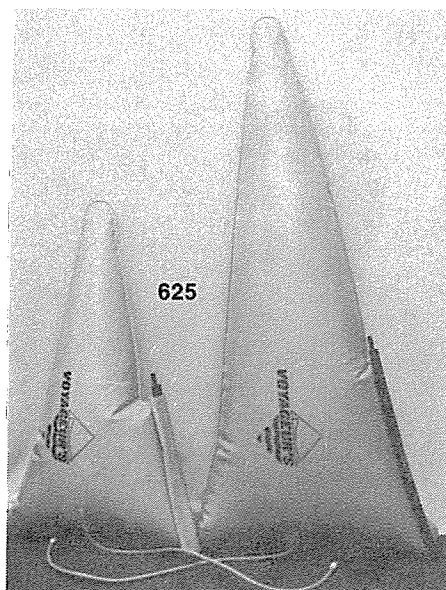
Phoenix has developed a nice combination storage set which consists of two short float bags and a large sto-float bag. The two float bags stay inflated all the time, this way the float integrity is maintained separately from the gear. The gear bag uses the Phoenix roll and twist lock closure system — proven trustworthy thru seasons of use. 20 mil. clear vinyl, set consists of 3 bags. **\$47.00 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. **\$58.00 set**

630 NRS PATCH KIT

A small repair kit that just may come in handy sometime. Contains a 3" x 4" piece of clear vinyl and a small tube of adhesive that will bond to all the vinyl products we offer (float bags, camera bags and even the inflatable canoe/kayaks.) **\$.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**

637 OPEN CANOE FLOAT BAG

This is a big 3' x 4' center bag for use when paddling open canoes in whitewater (it displaces a lot of water!) 20 mil. vinyl construction, has 4 grommet tie-downs. **\$18.00**

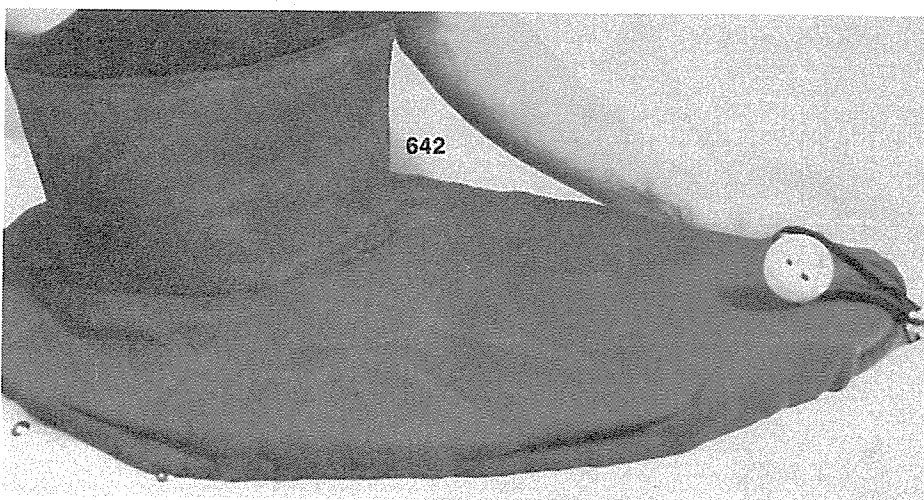
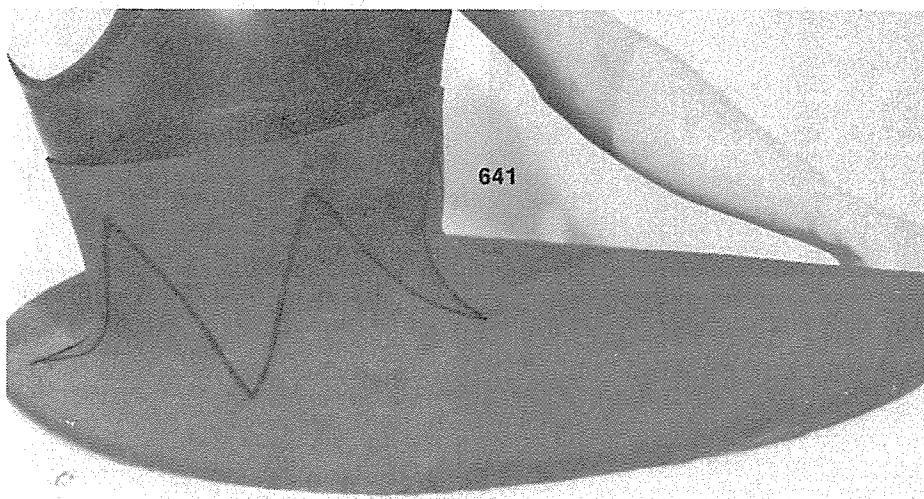
SPRAY SKIRTS

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 **\$24.00**

642 SUPER SPRAY SKIRT

Aquaterra makes this skirt. It's a rugged 1/8" nylon/neoprene with overlapped glued seams and long waist tube. Because the neoprene is thicker for durability, you have to cinch the cockpit bungee cord up pretty tight to get a secure fit. 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 fits 31" to 36", and large fits 37" and up. Fits boats with cockpits up to 74". **\$28.00**



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. **\$26.00**

645 SUPER TOURING SKIRT

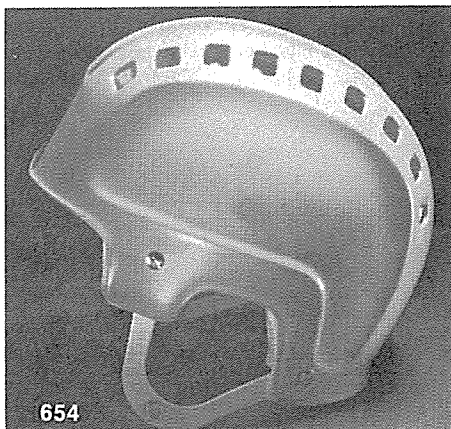
Same quality construction as the #642. Designed to fit boats with cockpits larger than 74". Waist sizes same as #642. **\$30.00**

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. **\$28.00**

488 WETSUIT GLUE

Really a black liquid neoprene in some sort of solvent base. Use for fixing your spray skirts or wet suits. 4 oz. can with brush top. **\$2.25**



HELMETS AND MISCELLANEOUS

652 PERCEPTION HELMET

This lightweight helmet uses a plastic shell and removable dual layer closed/open cell foam to insure comfort and protection. Drain and ear openings in the molded shell complete the basic design. It's lightweight, adequate protection and outstanding comfort make this a fine helmet. Includes chin strap with snaps, offered in 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", XL - 7-5/8" up. **\$27.00**

654 COOPER HELMET

This helmet features an injection molded polycarbonate (Lexan) shell with twin rows of ventilation/drainage ports. Its rounded edges and flared contours deflect blows and protect the ears. The lightweight molded plastifoam liner provides excellent shock absorption, and the snap-on web chin strap holds the helmet firmly yet comfortably in place. Approved by the Canadian Standards Association and Swedish Ice Hockey Federation. This is an excellent protection buy. Available in gold. Sizes: X-Small (6-3/8" to 6-1/2"), Small (6-1/2" to 6-7/8"), Medium (7" to 7-3/8"), Large (7-1/2" to 7-3/4"). **\$16.00**

656 AQUATERRA PADDLING JACKET

This jacket has 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. It has a large (center of the chest) kangaroo pouch with a zipper closure, snug waistband, and a velcro closure system on both the arms and neck. Sizes run a bit small: Sm, Med, Lg. and XLg. **\$28.00**

660 10" FOOT BRACE

If you are making your own kayak, or have bought one without braces, these individually adjustable foot rests are just the ticket. They have neoprene-covered foot pads and a simple latch that allows adjustment easily. Drilled and tapped for screws, all it takes is two small holes and these foot braces are in place. Screws and watertight washers included, 7" adjustment. **\$17.50 pr.**

CARTOP CARRIERS

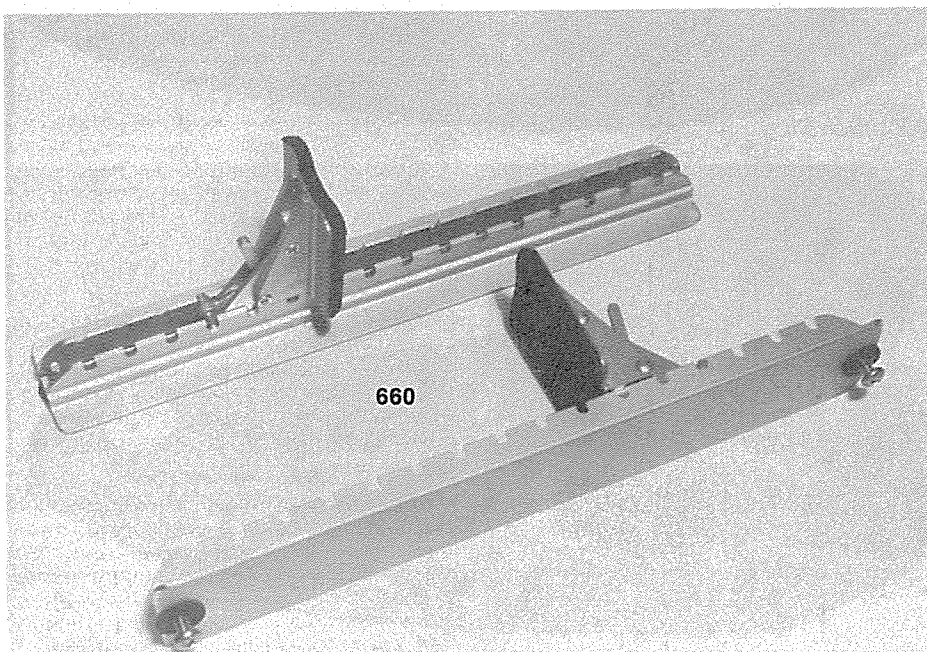
We carry the complete line of Quik-N-Easy carriers and accessories. Their versatility and number of accessories let you find an ideal carrier for almost any vehicle.

670 60" CARRIER

This Quik-N-Easy standard bar carrier includes 4 tumbled yokes with levers, clips, tube holders and two 60" long 1" dia. steel tubes. To carry one canoe, add holdowns (either #680 or #682) and bow and stern lines (678 or equivalent.) To carry kayaks add #676 saddles and a holddown system (678 or equivalent.) **\$33.00**

672 78" CARRIER

Same as the #670 carrier except the bars are 78" long. Have no concern that two canoes or kayaks might be too heavy for this carrier, the Quik-N-Easy zinc plated steel tubes are safety rated to carry up to 500 lbs. **\$37.50**



674 GUTTERLESS ADAPTER

A set of four adapters for use on cars without rain gutters. Requires drilling holes into the roof to mount. **\$2.00 set**

676 KAYAK SADDLES

This is the most practical and careful way we know to carry a kayak. A set consists of 4 neoprene-lined kayak saddles with bushings to fit our Quik-N-Easy carrier. **\$17.00 set**

678 MANTA RUBBER ROPE

This is heavy-duty stuff. Use it with #679 hooks for securing canoes or kayaks, 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. Plan on about 60% stretch factor to give sufficient tension for most uses. Also add about 6" per hook. **\$.30**

679 STEEL HOOKS

Hooks for use with the #678 rubber rope. You need 2 hooks for each piece of rope. Package of 4. **\$1.00 set**

680 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 is firmly attached to the bar carrier with a minimum of effort. We suggest you also use bow and stern tiedowns (#678 or equivalent.) Set consists of two straps. **\$7.00 set**

682 GUNNEL CLAMPS

These clamps slide over the tube of the bar carrier and then clamp onto the canoe gunnel to hold it firmly in place. Clamps may mar some types of gunnels, so padding is advised.

This is an excellent high strength system, but we still recommend the use of bow and stern tiedowns (#678 or equivalent.) Set of 4 clamps. **\$6.50 set**

684 SKI CLAMPS

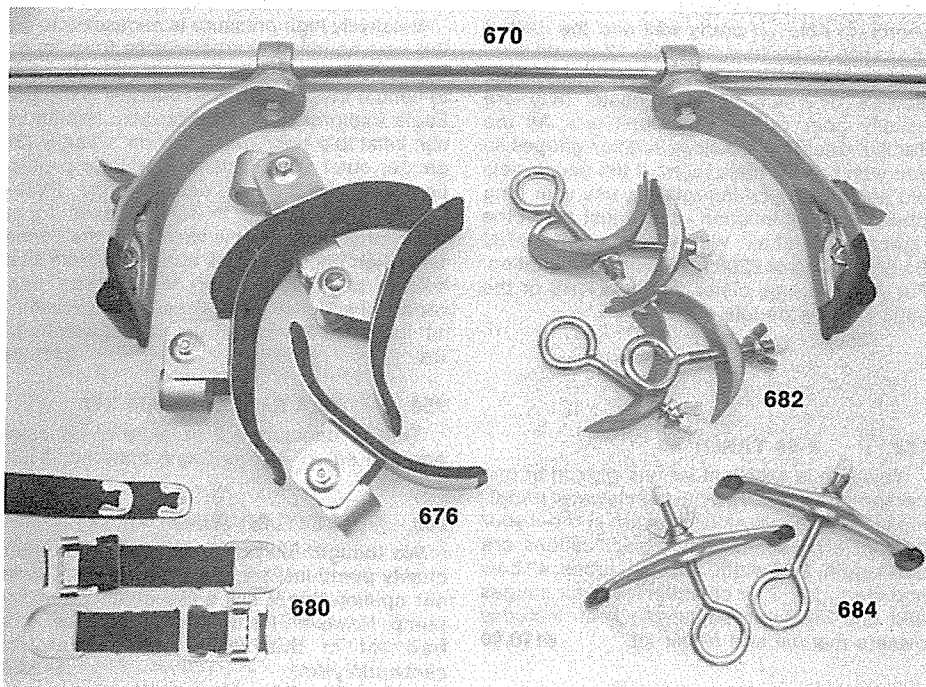
Ski clamp set includes 2 clamps with eye bolts, wing nuts and washers. Set holds 1 pair skis. **\$5.00 set**

690 QUIK-N-EASY BRACKETS

These are those neat little brackets that allow you to make your own rack (from 2 x 4'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. **\$20.00 set**

692 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 rack, but has a canopy. Set of 4 brackets. **\$17.00 set**



KAYAKS

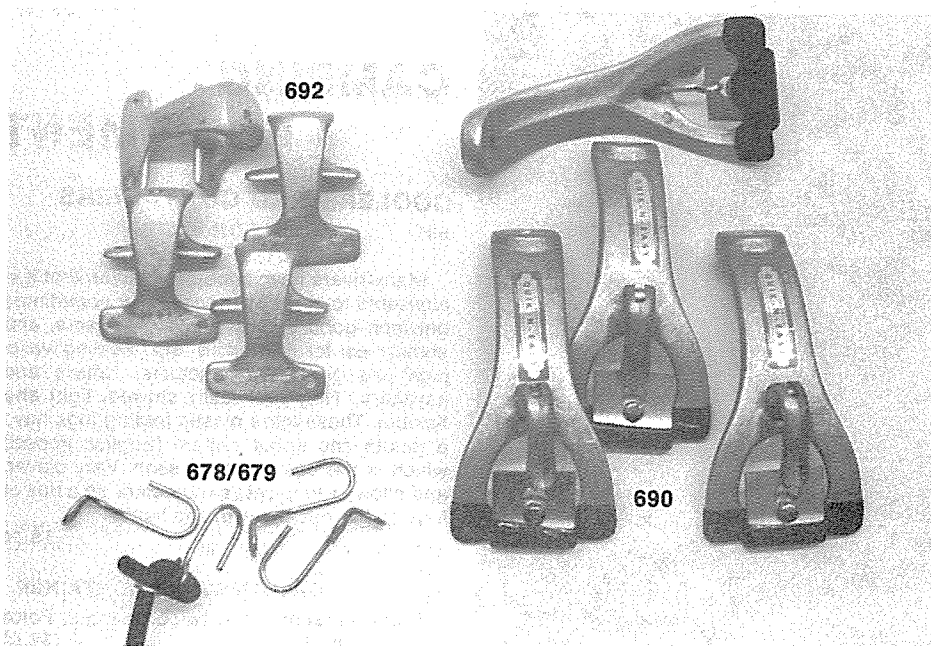
WHITEWATER BOATS: Dick Held's whitewater/slalom boats are popular here in the Northwest. His boats have four layers of glass cloth saturated with Isotholic resin and extra reinforcements in the bow, stern, and cockpit rim. The top mold is specially constructed so the rim can be an integral part of the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

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.

LOCHSA: a smaller volume version of the Salmon in a fast medium/low volume boat. It 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.

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. Brochure available upon request.

QUEST: 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.



CANOES

OLD TOWN: Old Town is the longtime builder of quality canoes. They bring their same quiet quality to their ABS canoes as they have to their traditional wooden canoes.

OLTONAR TRIPPER: this is the boat Davidson and Rugge used in their Canadian Expedition Trips and 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.)

BLUE HOLE: 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 to little or no apparent damage.

OCA-16: this is the boat you see taking impossible drops with solo paddlers. It has an ABS Royale hull 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, weighs 70 lbs.

MGA-17: Blue Hole's Mike Gault designed cruiser, is claimed by many to be the river expedition canoe. Its asymmetrical shape (elongated bow to cut the water) is unique. Handles well and is very easy to paddle. 17'6" long, 36" beam, weighs 85 lbs.

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, so let's just call them Hot Dogs! Hotdogs are more fun than any other boat for playing in rivers without needing the skill level demanded for a kayak. You can fit all your gear in a small car and just have a ball with these. When rafting we usually take a couple along and it is often tough to get anyone to row the raft! We really like this design; the ribbed inflatable floor seems to be the key to their success. Sea Eagle Explorers have supported double layer PVC material which makes them far superior to any unsupported boat. The Tahiti is made from specially formulated unsupported PVC material, which seems 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. All the Tahiti models have built-in inflation gauges so you won't over-inflate them. If the gauge gets old and stops working reliably, use your lung power for final inflation - that's just about the right amount of air. We recommend the #760 Sevyllor pump or #206 NRS pump for inflation. For paddles; use either the #605 NRS or the #606 Carlisle paddle.

752 K-69 TAHITI

This size is excellent for one person or one person and gear. The best whitewater paddling technique is to sit far forward and put your gear (if any) behind you. Specifications are 9'6" length, 2'8" width, 9½" dia. tubes, 4" bow and stern rise, 3 air chambers with air gauges and one inflatable/adjustable seat. Includes owners manual and repair kit. **\$110.00**

754 K-79 TAHITI DELUXE

This larger version Tahiti has been our most popular size. What you get for the extra money is a slightly longer boat that is large enough for two people. Specifications are 10'8" length, 2'8" width, 9½" dia. tubes, 4" bow and stern rise, 3 air chambers with air gauges and 2 inflatable/adjustable seats. Includes owners manual and repair kit. **\$125.00**

755 VINYL REPAIR KIT

We make our own repair kits to insure quality repair materials for you at a reasonable price. This kit contains 2 oz. of adhesive (tube) and 180 sq. in. of material that can be used to patch Tahitis, waterproof bags, tube tents, air mattresses, or just about any type of vinyl product. **\$3.00**

757 SEA EAGLE 340 EXPLORER

Relatively high pressure is necessary to get the best handling characteristics from an inflatable and the only whitewater inflatable able to handle these pressures routinely is the Sea Eagle Explorer. The Explorer also has an inner inflatable floor that rests on a heavy (34 gauge) outer floor. This double floor protection and the unique double layer PVC/polyester reinforced material makes for a superstrong boat that is well worth the admittedly high price. Includes adjustable front seat, built-in back seat, drain valve, carry bag, repair kit and instruction manual. Dimensions: 11' long by 2'9" wide, 8" dia. tubes, weighs 32 lbs. **\$375.00**

758 SEA EAGLE REPAIR KIT

This kit contains a 2 oz. tube of adhesive and 144 sq. in. of Sea Eagle material. **\$4.00**

760 SEVYLLOR PUMP

We thought Sevyllor would import a better quality pump last year, but they didn't! So, in our opinion this is still a low quality/crummy pump. However, it's cheap and the best of a bad lot at this price. Fits inflatable canoes/kayaks. **\$13.00**

CAMPING EQUIPMENT

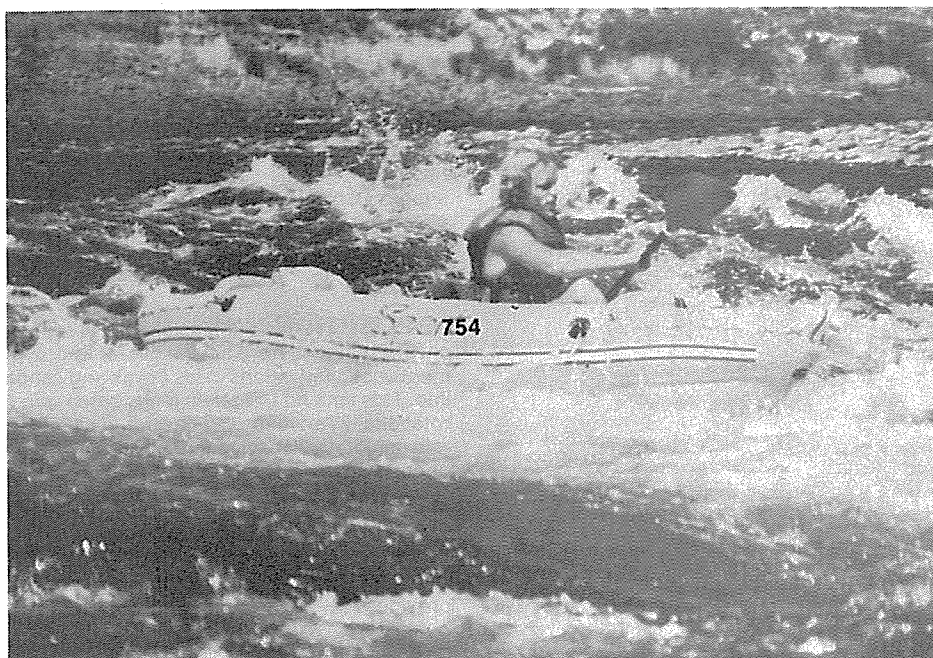
COOLERS AND CONTAINERS

802 2½ GALLON WATER CONTAINER

Many rivers have enough pollution that it is advisable to carry your own water sometimes between good springs or side streams, and 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. **\$5.00**

803 5 GALLON WATER CONTAINER

Same as above, but twice as large. Folds down to 3" h x 9" x 12". **\$6.00**



GOTT COOLERS

We carry Gott coolers because of their extreme durability and practicality. They have integral molded handles that are the best design for river trips because you can reach in to grab the handles inside the cooler cradle of a frame. They are also sturdy enough to tie the cooler down. (Consumer Reports just doesn't understand the problems caused by flexible or weak handles.) Gott coolers also have freeze bottles that nest in the lid - a nice feature. With block ice and freeze bottles, you can keep food cold for a whole trip.

807 80 QUART GOTT COOLER

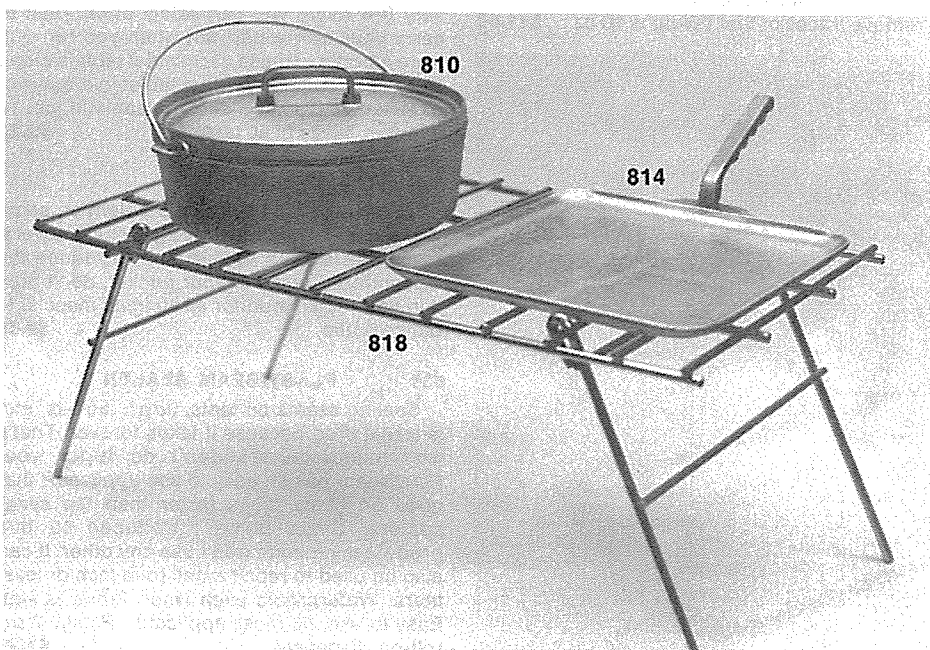
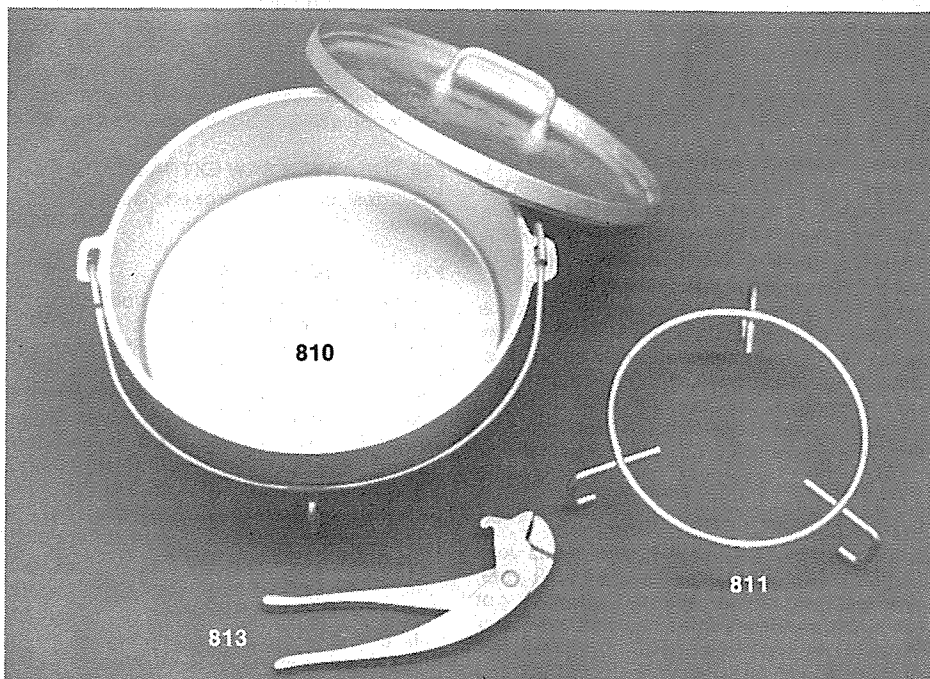
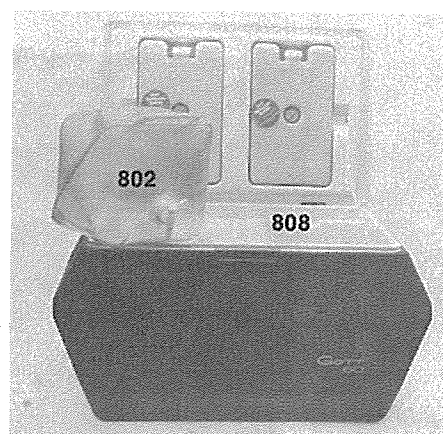
Fits our large universal frames. Two removable food trays, three freeze bottles and integrally molded handles. Dimensions are: 34 1/4" L x 16" W x 15 1/2" H. Blue with white lid. **\$70.00**

808 60 QUART GOTT COOLER

The 60 quart fits our 10/14 frame and is also a good general use size. Two freeze bottles and removable food tray. Dimensions are: 23-3/8" L x 16" W x 15 1/2" H. Blue with white lid. **\$50.00**

809 151 QUART IGLOO COOLER

This is the Daddy to all coolers; really huge and can fit in our Super Frame for large boats. (Holds 12 cases of beer!) Right for large parties or long trips. So large some boaters just leave it on the boat for the whole trip. Deep food tray, strong nautical rope and wood handles. All white. 42-7/8" L x 18-7/8" x 20-1/8". **\$180.00**



DUTCH OVENS/CAMPING SUPPLIES

A Dutch Oven is a wonderful cooking utensil for outdoor (and indoor) use. After some research, we found cast aluminum is a very efficient heat conductor and performs very well. (Efficiency becomes important when you carry your own fuel.) Light weight and tolerance to unusual cleaning methods (scrubbing with sand) make the aluminum cookware an ideal river accessory. Lip on lid so you can place coals on top for more even heat.

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. **\$18.00**

811 3 LEGGED GRILL

We had some customers request that we carry this small grill stand for the 10" Dutch Oven, so here it is. Useful for those of you that prefer not to place your Dutch Oven directly on the coals. Some foods do cook better with less direct heat. Weighs only 7 1/2 oz. **\$4.50**

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. **\$24.00**

813 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. **\$2.75**

814 10" ALUMINUM GRIDDLE

Perfect size for small groups, 10" x 10" griddle only weighs 2 lbs. Same quality workmanship as the Dutch Ovens, includes carry handle. **\$10.00**

815 18" 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. **\$13.00**

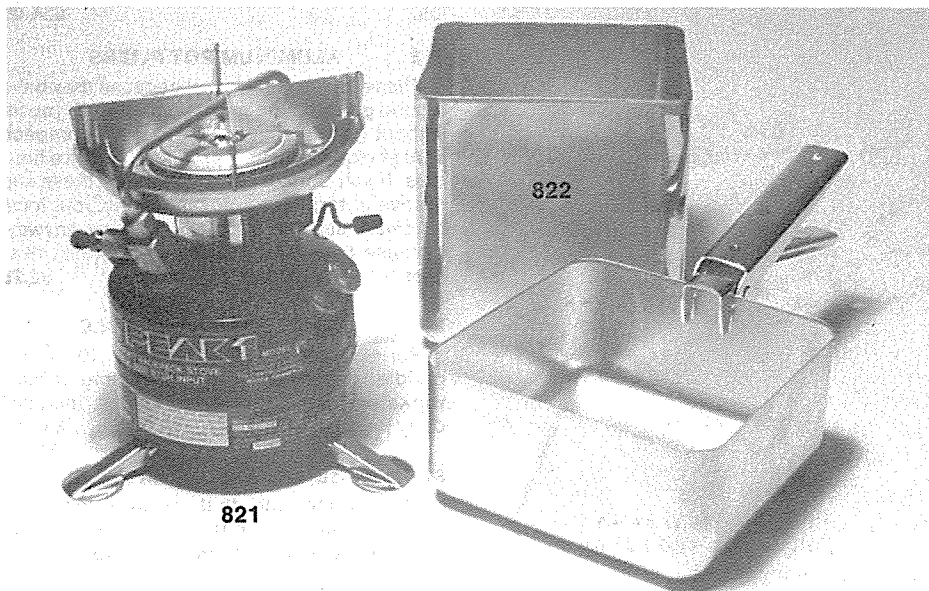


818 CAMPER'S GRATE

Mirro makes this heavy gauge grate designed to get your cooking pots off the fire. We've also found it excellent for steaks, but the rungs are a little far apart (2") for hamburgers. The grill's 11" legs fold into a nice compact package. Size folded: 24" x 12½" x 1½". Weighs 5 lbs. 12 oz. **\$13.00**

819 SCOTCH BOX

I've never seen anything like this before. It's a box with a grate and a lid. Resembles a tool chest. Also has short legs so you won't scorch the ground. You line it with foil, fire up your charcoal, and start cooking. Finished - just close the lid and snuff out the fire. Save the charcoal for next time. You can carry your ashes out in it - required on some rivers. Comes complete with handle, latch, grill, etc. Color black, 8" x 17" x 6½". **\$15.00**



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 light weight 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, folding legs, 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 6½"H x 5" x 5", weighs 31 oz. **\$31.00**

822 PEAK 1 CONTAINER

This two-piece Aluminum case holds your Peak 1 stove, doubles as a pair of cook-pots, and even includes a pair of lightweight pot tongs. You need something to carry your stove in, so why not get a product designed for the job, and two cook-pots to boot? (Clean containers thoroughly before using for food to remove traces of fuel.) Weighs 10 oz. **\$11.00**

824 LEXAN TABLEWARE

Plastic picnicware has many advantages for river trips, but is made of Polystyrene el cheapo - bottom-of-the-line material. Now at last International Silver has made good Permanentware out of top-of-the-line, Polycarbonate, trade name Lexan - just about the toughest material around. A set weighs less than two ounces (about ¼ of metal silverware) and of course won't rust. Get yourself a set and keep them forever! Place setting consists of knife, (won't take the place of your Swiss Army Knife) fork, spoon and soup spoon. **\$1.50 set**

Special price 4 settings \$5.00

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 ½" 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**

826 SVEN SAW EXTRA BLADE

Blades can get broken, so here is a spare. **\$2.75**

830 SUN SHOWER

A very clever water bag with one clear and one black side. (Black absorbs all the sun's rays for quicker heating.) Comes complete with hose, on-off control, shower head and a "ready" temperature gauge. On my last trip everyone with hair (not me) was just waiting for the Sun-Shower and I lost it overboard. Very popular item - very unpopular boatman. Take one of these along on your next trip and be a hero - if you tie it on! Fill this vinyl unit with 2½ gallons cold water - and in a couple of hours its hot. Clever and practical. **\$13.50**

832 POTABLE AQUA

Is the water quality getting worse on our rivers? I don't think so, but our awareness of all those nasty bugs is increasing. There are very few rivers you can safely drink. Best to carry your own water, but when you run out, have a bottle of these germicidal tablets along to be safe. A Potable Aqua tablet in a quart of questionable water makes it usable in just 10 minutes. Bottle of 50 tablets. **\$2.25**

833 STING-EZE

Yellow jackets are a real problem on some Idaho rivers and most of us get stung several times; Pat swears by this stuff to reduce the discomfort. Keep it in your pocket; don't bury it in your bag! Good for all stinging insects. ½ ounce bottle. **\$2.00**

839 PLASTISEAM SEALER

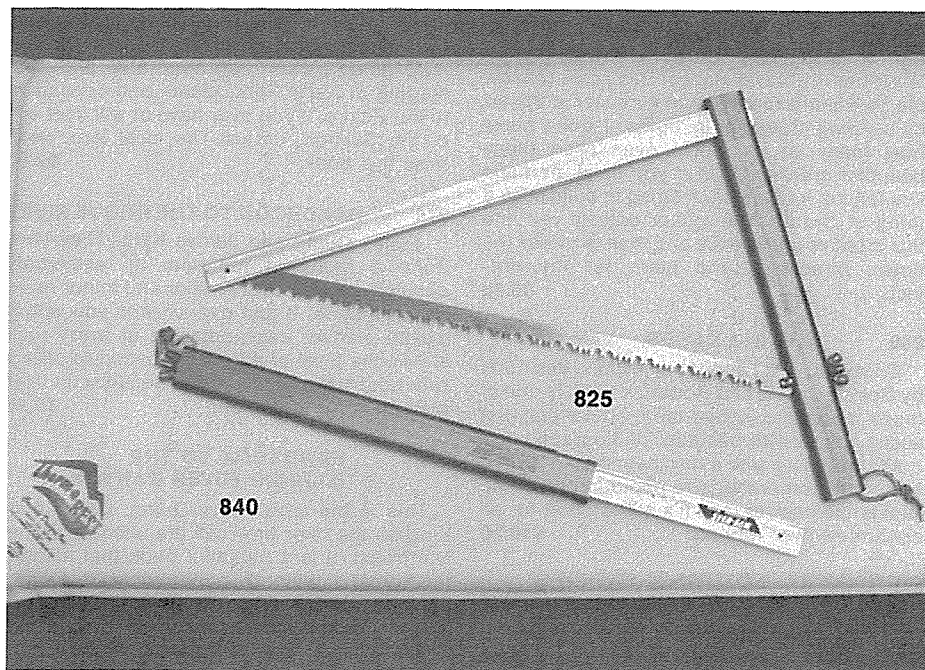
Sealing seams on tents, tarps, jackets, etc. is a real drag because it takes forever. That's why manufacturers don't do it for you. Plastiseam has an easy to use applicator that goes on many times faster than the seam sealers. Since being introduced to this product my friends won't use any other. It can also be used to repair small (one inch or less) tears. Waterproofs even when fabric is wet. Easy to use, no mess applicator. Plastic 2 oz. roll-on dispenser. **\$2.25**

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. **\$32.00**

842 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 2-½ lbs. **\$42.50**

**950 WHITEWATER RAFTING**

This is the best book we have ever seen on rafting. It has more worthwhile information than any other book, and includes some really 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. But then again his information is for real heavy-duty trips; aside from this, we have to say this is the best book ever on the subject. This book covers clearly be a rafters first purchase. **\$5.95**

951 RIVER RAFTING

Cecil Kuhne has written a good, fairly simple book on rafting. Contains lots of information for the beginner offered in a simple step-by-step approach; not as comprehensive as *Whitewater Rafting*. **\$4.95**

952 RIVER RUNNING

Verne Huser has many years of experience in running and guiding river trips. His book offers a lot of good information, although it is oriented towards going on a commercial raft trip rather than taking your own trip. Like *Whitewater Rafting*, this book slights the use of small and inexpensive rafts. **\$4.95**

953 GUIDE TO INFLATABLE CANOES & KAYAKS

River running is in for some changes. Inflatables are perfect for shorter trips, smaller cars, public transportation, etc. and they are fun. They are the most light-hearted enjoyable boats around. William Sanders writes a wonderfully entertaining book, well done and appropriate to become the Bible of the sport. We have slighted inflatables in the past - don't you make the same mistake. Get this book and get ready for a summer of fun at a relatively modest price. We recommend inflatables, and this book is clearly the place to start. **\$5.95**

BOOKS/MAPS/RIVER GUIDES**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 book provides necessary information 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 AMC 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 Ruge, this book combines a narrative account of an actual trip with step-by-step information and instruction. We suggest 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. Read and study this book before you build your own fiberglass boat. **\$4.95**

967 THE SURVIVAL OF THE BARK CANOE

John McPhee could write about anything and make it interesting. Luckily for us he has written about a trip with Henri Vaillancourt and about Henri's dedication to building bark canoes. Also includes a portfolio of material by Edwin T. Adney, (1868-1950) the man who recorded the art of the bark canoe before it was lost, and made Henri's pursuit of perfection possible. **\$4.95**

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. **\$8.95**

969 THE BIG DROPS

Subtitled, Ten Legendary Rapids, this book by Robert Collins and Roderick 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 SNAKE RIVER OF HELLS CANYON

Somehow Carrey, Conley and a new author, Ace Barton, have come up with another winner. They cover the Snake River Country starting with sections now inundated by Idaho Power's Dams, continuing through the Hells Canyon Recreation Area and down to Lewiston. Their now familiar formula of history trivia and rivers just captivates me every time. For instance, they mention the hard-working ranching couple who lost their land to the Hell's Canyon Recreation Area but "got enough money to burn a wet mule."

\$11.95

971 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. Not available until April 1st. **\$8.95**

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 - out of print, so only available until April 15th. **\$3.00**

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 Quinn and James King. They have done a beautiful job with an extremely detailed guide to every major and minor rapid on the Rogue. It just overwhelms you with a wealth of river data; detailing of every rock shows the level of attention needed to pilot a drift boat successfully. Other sections on river history, flora, fauna, etc. **\$9.95**

994 HANDBOOK TO THE ILLINOIS RIVER CANYON

This is the latest from Quinn, Quinn and King on the river they call the ultimate in the Northwest. It is a beautiful book that follows the format of their other handbooks, including sections on human and natural history and maps and photographs that show each rapid in great detail. This is the way a river handbook should be written. **\$10.95**

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. **\$6.95**

977 HANDBOOK OF THE DESCHUTES RIVER CANYON

Quinn and King again. This time a look at a fascinating river - the Deschutes. There is again a wealth of river data, but this time they add a historical saga of the battle to build a railroad up the canyon. Lot of excellent action photos, some in color and a good collection of historical river photographs from the railroad era. Another well done book. **\$9.95**

978 FLOATERS GUIDE TO MONTANA

Hank Fischer's All Purpose Guide to Montana Rivers, with lots for canoeists, kayakers and rafters, particularly interesting to fishermen. This is really an appreciation book, light and fun. Read it and you too will start planning a summer to explore all those lonely rivers. **\$5.95**

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 and 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**

985 CANOEING WATERS OF CALIFORNIA

Written for those of you who use open canoes, this book sketches tidewater, lake and river runs in California. **\$4.00**

986 THE EXPLORATION OF THE COLORADO RIVER

In 1869 Captain Powell took a year out to explore the Colorado and became a river rat. Some readers may be bored, but to me this fascinating journal is priceless. Buy it if you are planning a trip on the Grand or anywhere upstream or just get off on historical adventure. **\$4.00**

987 RIVERS OF COLORADO

Written by Earl Perry and subtitled Ten Easy River Trips in the Mountains, Canyons and Plains of Colorado, this 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**

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**

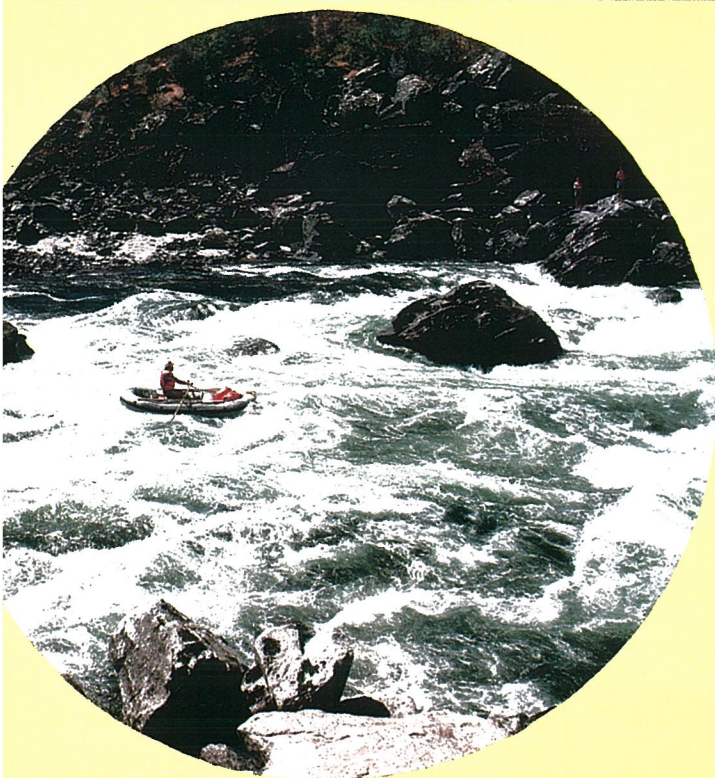
991 CANYONLANDS RIVER GUIDE

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

992 DESOLATION RIVER GUIDE

Again, the waterproof edition by Laura Evans and Buzz Belknap. Covers the Green River Wilderness Area (Uinta Basin, Desolation Canyon and Gray Canyon.) **\$8.95**

LOWER SALMON PHOTOGRAPHS COMPLIMENTS
JIM RENNIE AND PAT AGIDIUS



SPOTLIGHT- LOWER SALMON RIVER

The Lower Salmon River stretches from the town of Riggin, Idaho, 75 miles to its confluence with the Snake River. Beginning at the town of Whitebird, Idaho, the Lower Salmon drops into a primitive desert canyon; class three rapids and large sandy beaches make this section of the river a delightful trip. Recent legislation has removed the Lower Salmon from consideration as a wild and scenic river, bringing the threat of dams and development. Feasibility studies are now forthcoming by power companies and federal water control agencies toward damming the river. At present the Salmon River is totally undammed and an important anadromous fishery as well as a beautiful river for recreational boating. The Lower Salmon is going to need your help if it is to be preserved as a free flowing river. If you'd like to help and want more information, please contact Northwest River Supplies or the Lower Salmon River Preservation Council, c/o Outdoor Program, University of Idaho, Moscow, Idaho 83843.





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Northwest River Supplies

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