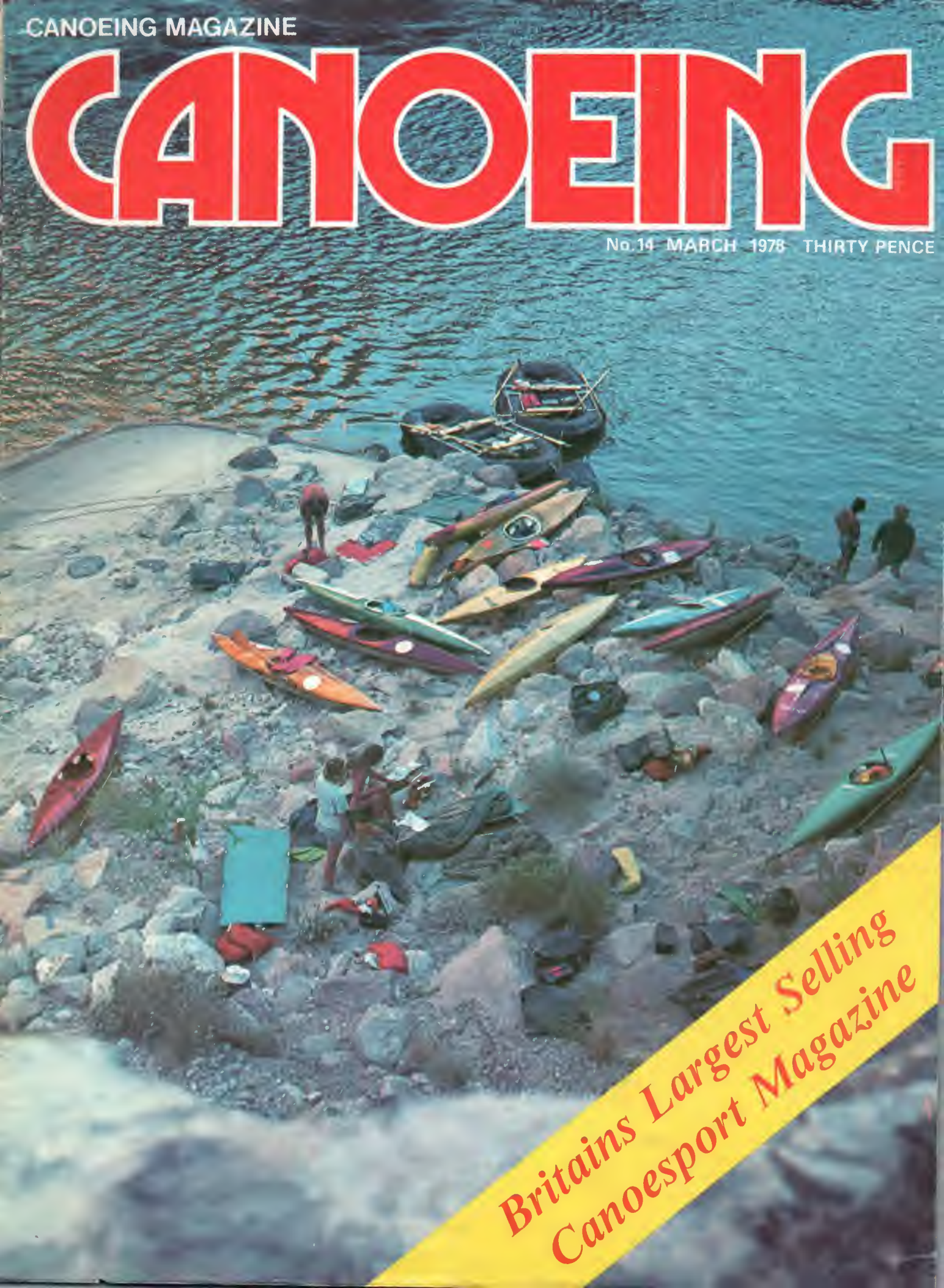


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CANOEING

No.14 MARCH 1978 THIRTY PENCE



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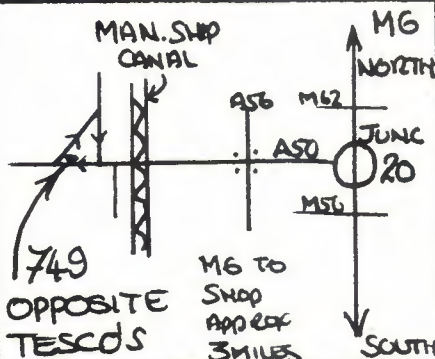
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CANOEING

INCORPORATING CANOEING IN BRITAIN AND CANOEING MAGAZINE

MARCH — VOLUME 1 — NUMBER 14

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COVER

Campsite in Grand Canyon

Photo: Mike Clark

BACK COVER

The Ardeche, going native . . .

Photo: Mike Clark.

Comment

Mike Clark

BUMPER ISSUE

Once again we are into a new year, the new competitive season starts with marathon events just a few weeks away, while at the end of February upwards of 9000 paddlers and others interested in canoeing will be heading for Crystal Palace and the International Canoe Exhibition.

In this issue of Canoeing Magazine — a bumper 44-pager if you hadn't noticed — you will find a guide to the trade and non-trade stands at the Exhibition, a buying guide to well over 300 canoes and kayaks manufactured in Britain by the major firms, plus a calendar of events for the 1978 season, both British, Irish and International.

CRYSTAL PALACE

Undoubtedly this year's International Canoe Exhibition at Crystal Palace — over the weekend February 25th/26th — will be bigger and better than ever before. Already there are a record number of stands, so let's make it a record attendance too . . .

The theme of the Exhibition will be 'Canoe Camping and Expeditions', and as can be seen from the Exhibition Guide, a number of stands in the Cricket School will feature the major expeditions of 1977 — Expedition Cape Horn, The Kayak Konnexion, Iceland Circumnavigation, John O'Groats-Lands End Expedition, and the North Wales Kayak Expedition to Greenland. These will be backed up by a number of specialist Expedition Lectures, and of course the usual crop of films. Other non-trade stands include exhibits by voluntary organisations, youth organisations, schools, national associations, and a number of the leading canoe clubs. The pool displays include a flat water slalom and the finals of the National Canoe Polo Championships. But as always, the main attraction will be the massive array of canoes, kayaks, paddles and other canoeing gear. With almost every major manufacturer in Britain — twenty-five canoe and kayak manufacturers, four paddle manufacturers, plus eight other specialist manufacturers and including some camping gear, it will be the biggest and most comprehensive range of canoeing equipment to be seen under one roof anywhere in the world.

TRADE PREVIEW

Among the many canoes and kayaks on display at Crystal Palace are many new models . . . **P. & H. Fibreglass Products** introduce three models: (1) a new slalom boat called the Cobra, a low-line, modern design that has already unofficially broken the wiggle-gate record; (2) an open Canadian canoe developed and designed in conjunction with Valley

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Canoe Products. This is 4.8 metres long with a width of 80cm, and incorporates a unique seating arrangement fore and aft, and should make an ideal family boat: (3) a new touring double kayak, developed specially for the European market. This is more buoyant than the early P. & H. Tourer II, and should suit the heavier water on the Continent or perhaps the heavier paddler on English waters.

Also on the P. & H. stand will be the Orinoco kayak, which was designed and developed in conjunction with Pyranha Mouldings. This of course has been paddled very successfully by Dr Mike Jones on his expedition to the Orinoco River.

Valley Canoe Products will have on their stand at Crystal Palace the new open Canadian canoe as above. Both Valley Canoe Products and P. & H. Fibreglass had been looking at the possibility of a Canadian in the traditional style, and they decided to pool their resources rather than design and develop two similar but separate canoes.

The result will be seen to be a superb-looking boat with a style of construction that gives the canoe strength yet remarkable lightness. When their Norwegian customers saw the boat, they said it was 'revolutionary'. VCP think it is just a logical development using some of the new techniques and materials that are available now. Whoever is right will not detract from the fact that it is a canoe that is obviously making a big impact on the canoeing world, both here and abroad.

The Viper 'L' is a new low-profile kayak following the clean lines of VCP's Viper slalom kayak of 1977. There is, however, no truth in the rumour that its name was derived from a remark during a test run recently, when a bystander said: 'Is that the lowest profiled slalom kayak in the world?' and the reply was: 'Is it 'ell!!'

Smittens should be in quantity this year at Crystal Palace. After only a few pairs available on the stand last year, VCP have had a remarkable season of selling Smittens to many parts of the world. Get to their stand early, or they may all be gone again!

Trylon of Wollaston, announce the introduction of the Weever to their extensive range of kayak designs. The Weever, a surf kayak and the first available in the UK in mould form for DIY construction, was designed by Gwynne Thomas and Mike Howells of Gowerton School, Swansea. Its long bow smashes through the biggest breaks, while its combination of length, veed hull, and swallow-tail, give increased speed to catch the wave without any loss of manoeuvrability. Roller coasters, Catherine wheels etc., come with ease to the experienced paddler.

The Weever is the latest in a long line of tried and widely acclaimed designs, including the Snipe, the first lowline slalom kayak in mould form; the well known Wombat, the most popular polo kayak available in any form; and four

other proven boats for all aspects of canoeing. All these will be on show with the Trylon range of sensibly priced accessories at the Crystal Palace International Canoe Exhibition.

Gaybo will, as usual, have some new and exciting boats on their stand at Crystal Palace. One will be the new Interceptor Sprint Four, a kayak which has already been acclaimed by a majority of Britain's wild water racers. The boat has been brought out especially for this country's first Europa Cup event to be held in June. It has a faster hull section with only marginal loss of stability and promises to make up a perfect team with its fore-runner — the Mark Three.

Also on show will be the new Meister Supreme. This is similar in appearance to the Miester 80 but sporting a 'Beaver-Tail' like the Meister Extreme, but has slightly less buoyancy than the Extreme. The new model is already on test with several of the top British paddlers and Gaybo expect it to become a real winner in the forthcoming slalom season.

The majority of Gaybo's canoe and kayaks, plus their vast selection of canoeing clothing and equipment will be on display. A new consignment of Kober paddles from Germany will be available at the Exhibition.

Granta Boats announce that the first of their 'Classic' range of craft will be on display at Crystal Palace, this being a roomy single seat touring craft in glassfibre with a length of 4.5 metre and beam of 66cm. This kayak is being given the name of the 'Classic' Single Tourer and is designed to take the larger canoeist as well as having considerable stowage for camping and other gear. Equally at home in river, lake and in the hands of the abler paddler for sea touring. The 'Classic' Single is fitted with Grant's new backbone type footrest which is fully adjustable whilst seated in the boat and it may also be used to control rudder gear if fitted.

As well as the above, Granta will be displaying a large representative selection of their range, including the updated Mk.2 versions of a number of the Kayel range of plywood kayak kits. For **Pyranha Mouldings**, virtually their whole range on display will be of new models introduced and developed since the 1977 Crystal Palace. Outstanding among these will be the Elite range of slalom singles, but almost equal in interest will be the Orinoco single, new C1 and C2, a touring single and an Eskimo kayak.

Krakatoa Mouldings will be displaying their Cosmic Pro Slalom, a world class slalom kayak. It has been developed from the Cosmic SP77, last year's very successful slalom kayak, but the Pro Slalom features a more buoyant front end, much improved seat and knee grips and lay-flat end loops. The boat is produced in an attractive glitter red and blue colour scheme and available in either diolen or kevlar constructions.

Another feature on the stand will be the Krakabat, a class canoe polo kayak designed to give maximum sprinting/turning efficiency with as

much stability as possible. The seat unit has built-in knee grips and gives a comfortable paddling position for canoeists of all sizes.

Krakatoa will also have their range of Star Paddles, which are constructed from glass and carbon fibre and aimed at slalomists who want to clip those vital seconds off their times this year.

Mark Gees Paddles will be featuring the whole range of their paddles and introduce a ladies slalom paddle. This blade has been specially designed to give the lady slalomist an easier blade to use, thereby increasing her skill. These are along the lines of their Champion slalom paddle but with a smaller blade and shaft.

Ask almost any American what he understands by the term 'canoe' and you will come up time and again with the answer 'Grumman'. Indeed, the Grumman canoe is probably the most popular canoe in the world. And for a good reason — it's built of tough, durable and lightweight marine aluminium, and is designed for safe, easy, and trouble-free fun on the water. Grumman mean engineering expertise, backed by over 30 years of canoe building experience, and with 17 models to choose from, there are craft to suit all conditions. For the first time, the famous Grumman — North America's top selling canoe — is available in Britain through the Canadian Canoe Company of Congleton. The Grumman 15ft and 17ft models will be on display at Crystal Palace and should be of great interest to outdoor pursuit centres, schools and youth groups where the toughest of craft are required. (Demonstration models are available on application to the Canadian Canoe Company at Congleton.) See photo-feature of the Grumman canoes in this issue.

Once again the Canoeing Magazine stand will be found in the usual place on the concourse. On sale will be back issues of the magazine — for those who do not take a regular subscription or missed out on an issue — plus a number of new American canoeing books, the more popular of the British canoeing books, and a number of issues of the American canoeing magazine 'Down River'. It is also hoped that a number of the Voyageur 'art-prints' will arrive in time for the Exhibition. On the sticker side, CP Decal Designs will have a whole range of stickers and new letterstrips, plus a new range of crash helmet flashes.

TRADE NEWS

Not at the International Canoe Exhibition, but an important manufacturer no less, Irish Precision Mouldings announce the introduction of two new kayaks to their range of craft. The first is the Lawrence Sprinter K2, a racing K2 designed for the longer marathon type of race. It was introduced in August of 1977 at the Spanish Series, where it achieved two 4ths, two 2nds, and a 3rd — the best result of all international teams

attending the series and of an Irish crew to date. At the International Liffey Descent, the Sprinter was placed 1st, 3rd and 4th in the Senior K2 class. The kayak can be supplied with understern rudder for deep water races or an overstern rudder for shallow and rough river racing.

The Lawrence Sprite Mk.2 is a new design for 1978 of special interest to Scouts, school, and youth groups. It is a fast single seat kayak with good handling capabilities in rough water, yet especially suitable for learning all the advanced techniques of kayak handling. In order to widen the scope of the Sprite, a generous area for stowing camping gear has been incorporated in the design immediately behind the cockpit. Full details of the Sports and Sprinter K2 can be obtained from: *Irish Precision Mouldings Ltd., Maynooth Road, Celbridge, Co. Kildare, Ireland.*

POLYWARM CATALOGUE

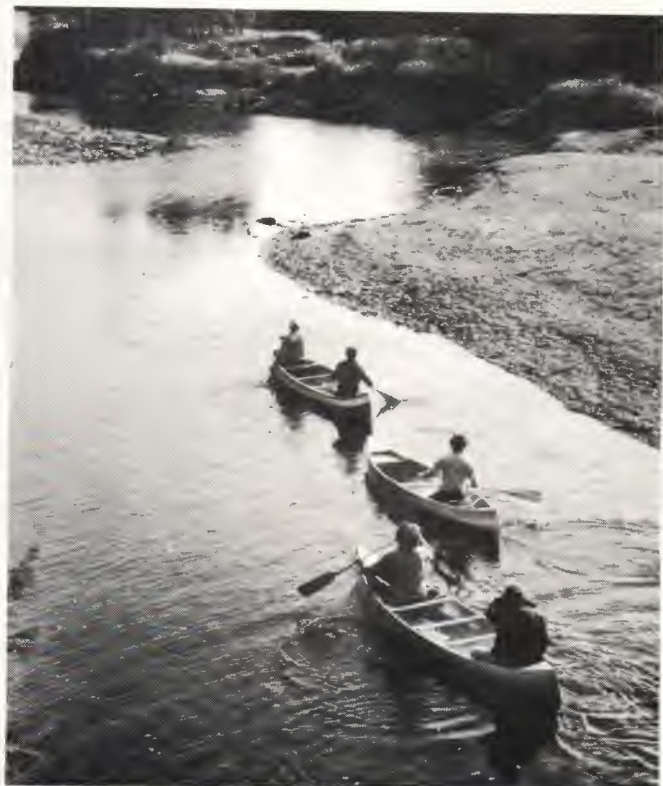
Polywarm Products of Glasgow, have published their 1978 catalogue showing the entire new range of sleeping bags and accessories available in the UK.

There are three different categories of sleeping bags. The Leisure Range — available in plain or patterned fabrics is priced from £9.95; the Western Isles, a superior range with several of the bags filled with Dacron Fiberfill 2, and priced around £19.00; finally, the High Andes Range are specialist bags priced from £13.50 and aimed at the real outdoor enthusiast.

The Polywarm sleeping bags are available from most major camping and leisure shops. The 1978 catalogue is available from: *Ian Smith, Polywarm Products Ltd., Quay Road, Rutherglen, Glasgow G73 1RS.*

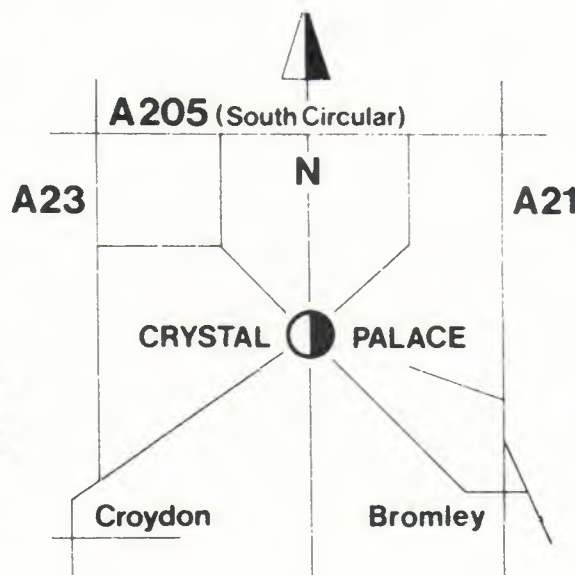


Grumman new to Britain and Europe.



CRYSTAL PALACE

HOW TO GET THERE



By BUS 2B,3, 63, 108B, 122, 137, 227, 249 to Crystal Palace Parade. 154, 157 to Anerly Hill.

By TRAIN to Crystal Palace (SR) Station. Frequent services from Victoria and London Bridge (direct), from Waterloo (change at Clapham Junction), or by underground (Northern Line) to Balham, changing to the Southern Region for Crystal Palace train. Ample car parking facilities.

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51. Kama Canoes
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54. Canoe Centre Twickenham
55. Surrey & Hants Canal Society
56. Capt. Frank McNulty
57. Krakatoa Mouldings
58. Inland Waterways Assoc.

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60. Woolwich Canoe Club
61. Corps of Canoe Life Guards
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63. BCU Racing
64. BCU Surfing
65. BCU Touring
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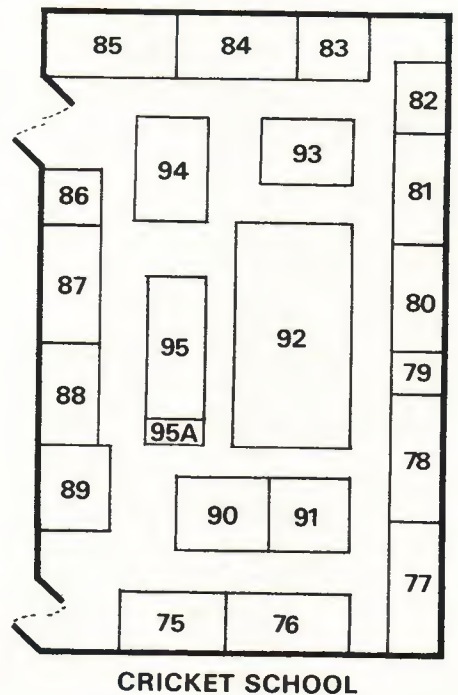
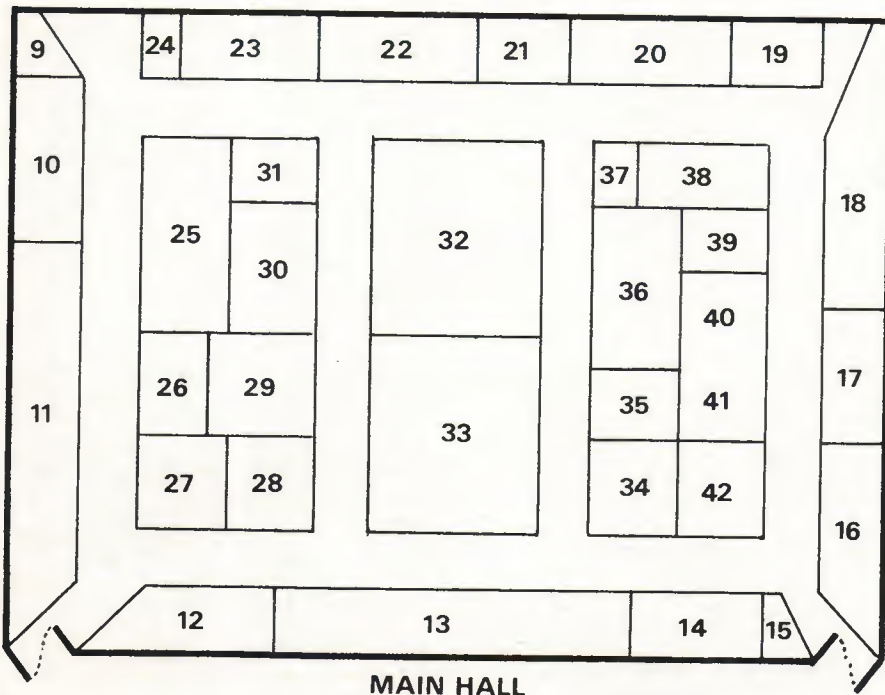
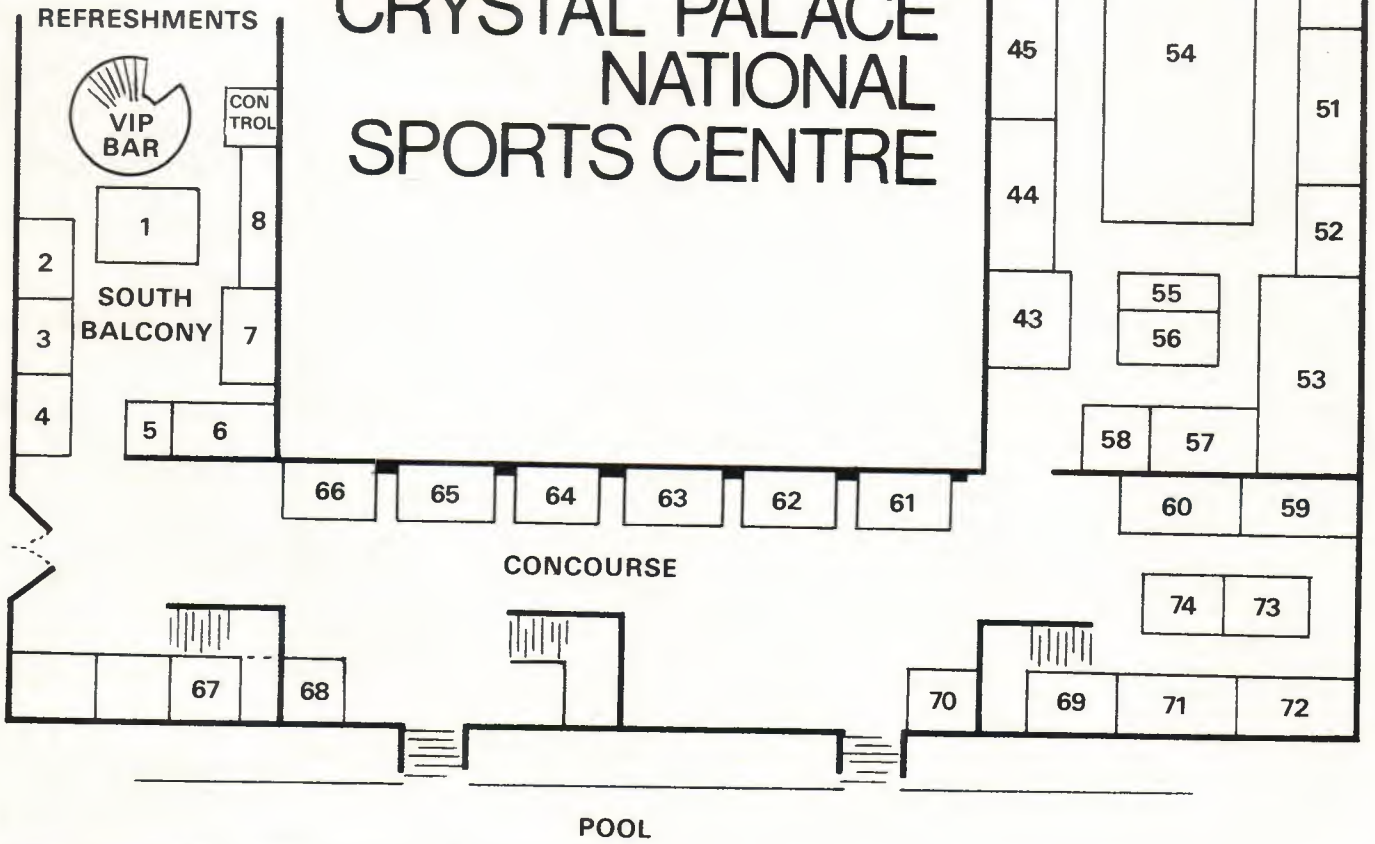
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89. Royal Life Saving Society
90. RAM Products
91. Canoe Camping Club
92. Ultimate Equipment
93. Crowborough Canoe Club
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- 95A. Gt. Mackenzie
96. 1st Burgess Hill
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99. Shrewsbury School
100. Posidon Canoe Club

INTERNATIONAL CANOE EXHIBITION

CRYSTAL PALACE NATIONAL SPORTS CENTRE



.. NOTES & NEWS . . . NOTES & NEWS . . .

SPITSBERGEN EXPEDITION

In the last issue of 'Canoeing Magazine' we featured an article on the British Sea Kayak Exploration of North West Spitsbergen. In this mention was made of an award to use BBC equipment enabling expedition members to film their own trip. Five such awards were made and film from these will be shown on BBC2 in the 'World About Series' at 7.15pm on Sunday, March 5th. This 50-minute programme should have at least 10-minutes of interesting canoeing — so make a note to catch it . . .

£1,500 FOR LIFEBOAT SERVICE

A liner which sank six years ago brought a £1,000 boost for Britain's lifeboat service. The money came from the sale of pens made from a porthole of the 'Queen Elizabeth' which was destroyed by fire in 1972.

The cheque was presented at the International Boat Show in London to Vice-Admiral Sir Peter Compston, chairman of the Royal National Lifeboat Institution's fund-raising committee, and handed over on behalf of the pen's makers — the Parker Pen Company — by director Mr. James Moller.

Afer fire destroyed the 'Queen Elizabeth' in Hong Kong harbour in 1972, Parker was offered brass from one of her portholes to create a limited edition of pens as a memento.

Another £500 was presented to the Lifeboat Institution by Paul Grigg, leader of the first ever kayak expedition from John O'Groats to Lands End. The expedition takes a place in the Guinness Book of Records for the 1,000 mile trip which raised the £500 in sponsorship. Other members of the expedition were Simon Chivers and David Evans.

BUSY YEAR FOR MARYTN

It looks like yet another busy year ahead for Britain's C1 Champion, Martyn Hedges. In 1976 Martyn became the first-ever sports scholar at a British University, when he was awarded the OCS Sports Scholarship at Bath. He will spend an extra year at university, free to concentrate on his sport, his expenses being met by Office Cleaning Services Limited.

The year starts with three wild water races through January; over Easter he will be at Grandtully in Scotland for slalom, while at the end of April he will be competing both the wild water and slalom on the Tryweryn in North Wales.

There will be three European Wild Water Championship events to compete, the first in Czechoslovakia on May 26th, the second on the River Tryweryn again over the first four days of June, while the third will be held over the middle weekends of July at Bourg St. Maurice France. Martyn then goes on to Canada in August for a pre-World Championship event.

CENTRE OF EXCELLENCE

The Canoeing 'Centre of Excellence' established at Leeds since September 1977, published a report on progress during January.

The first three months of operation has been a period of establishing working procedures and workable relationships within the group. Organised, regular coaching sessions are new in rough water sports, and since most squad members have well established training philosophies, it has been important to involve everyone as fully as possible in decision making. The coaches now feel that they have achieved the aim of providing something for everyone. Equally, the dissemination of up to date training information is having an effect on not only the younger paddlers but also the older, more experienced athletes.

The Centre of Excellence is directed by John Fazey, with coaches: Alan Edge, William Fraser, Mark Markham, and Peter Wakeling. The Squad comprises: Julia Harling, Susan Small, Gary Carter, Andrew Close, Alan Edge, Jim Dolan, Alan Hall, Jeremy Hibble, John Rennox, Richard Rust, John Shackleton, Nicky Wain, and Peter Wakeling.

The regular Wednesday sessions and the organised weekend meetings have been well attended — mean attendance over all sessions is 63% and does not allow for absence due to commitments at national level. The normal difficulties of work and examinations have had some impact, but for the most part paddlers are not being held back by employers or schools. In fact the

positive support they seem to be receiving is encouraging.

Competition results amongst the wild water racing group have been exciting, while a number of the slalom specialists have made use of the winter calendar for training runs. The level of involvement was not as high as had been hoped, but was still a satisfactory level.

No doubt Yorkshire and Humberside paddlers will be making quite a mark in the National Team Selection events in March and April . . .

LUCY TAKES DAVID SHANKLAND TROPHY

The David Shankland Trophy, a national award for the woman who gains the highest number of wins through the sprint canoe racing season, was presented on Saturday, January 28th to Lucy Perrett. Lucy, 17-years old, is a pupil at Leighton Park School, Reading — one of the nine independent Quaker run boarding schools in England — and her achievements have led to her selection for the BCU Olympic Squad to prepare for the 1980 Olympics.

Lucy's trainer is her father, Bernard, who besides teaching is coach to the Great Britain Sprint Team. Of his daughter's achievement he commented: 'Lucy being picked to train with the Olympic Squad is the culmination of 4 years hard work.'

DEVIZES—WESTMINSTER

Easter and the Annual Devizes to Westminster canoe marathon will soon be with us again. The toughest canoe race in the world - 54 miles from Devizes along the Kennet and Avon Canal to

Lucy Perrett with the David Shankland Trophy.



Reading, then 71 miles down the River Thames to Westminster, with some 76 locks along the route to be portaged.

The race is open to double crews between 16 to 19 years in the Junior class, and those over 18-years — of either sex — in the Senior class. Senior crews may start as they wish within and eleven hour bracket from 0700hrs to 1800hrs on the Good Friday. Junior crews are started on the Good Friday morning and compete the race in four stages.

Prospective competitors are reminded that the closing date for entries is Friday, March 3rd 1978. Application for entry forms, rule book etc., to: *David W. Keane, 12 Swakeleys Drive, Ickenham, Uxbridge, Middlesex UB10 8QB.*

(Paddlers note that this year it will be compulsory to wear life jackets or buoyancy aids to BCU or SBNF specifications - minimum inherent buoyancy must be 6kg - during the whole of the race.)

PRE-WORLD CHAMPIONSHIPS CANADA

A small Team will be selected to compete the Wild Water events in Canada over the period August 19th/20th. The size of the Team will depend upon finance available and members selected on the results of the Europa Cup Series.

Report from M. Boshier, National Wild Water Coach.



IPM MARATHON

River Liffey

Irish Precision Mouldings announce their sponsorship of the IPM Marathon, to be held over the Bank Holiday weekend of May 27/28th 1978.

The IPM Marathon will be run on the challenging and beautiful River Liffey course of approximately 56-miles. The event will be held in five stages over the two days.

The course is one of the most testing Marathon courses and covering almost every possible combination of water conditions - 10-miles of lakes followed by fast river sections, both in open country and heavily wooded areas, culminating in the well known and proven 'Liffey Descent' course.

The Marathon is open to Senior K1, K2 and WW classes (all 5-stages), Womens and Junior K1, K2 and WW classes (3-stages only). There will also be a team event based on the aggregate times of 2 K1s and 1 K2. race details and regulations will be published in April and all enquiries should be directed to: *The*

Secretary, IPM Marathon, Irish Precision Mouldings Ltd., Maynooth Road, Calbridge, Co. Kildare, Republic of Ireland.

WILD WATER RACING RACE TEAM SELECTION 1978

The British Wild Water Racing Team will compete the Europa Cup events: Spindle, Czechoslovakia, on May 27th/28th, Bala, North Wales, on June 3rd/4th, and Bourg St Maurice, France, on July 22nd/23rd. The maximum number of entries are six per class.

Teams to compete in the above events will be selected on the two following races: River Tryweryn, March 11th/12th (organiser: J. Handyside, 40 Parkside, Cricklewood, London.) and River Tryweryn, March 18th/19th (organiser: Mrs Briggs, 106 Becketts Lane, Chester.)

In all classes selection to the British Team for the Europa Cup Races will be as follows: The first two paddlers from each race will be automatically selected — the first two selected in race one do not apply to the results of the second race. In the case of the Mens Kayaks a further two paddlers will be selected by the Selection Committee. In the case of the Womens events, Mens C1 and C2, others may be selected depending on: a) paddlers reaching the required standard: and b) there being finance available.

.. NOTES & NEWS . . . NOTES & NEWS . . .

ACCESS

River Wye and Tributaries

RIVER WYE — Buihth Wells to Glasbury: set out in previous years will continue with little change during 1978. Relationships between canoeists and fishermen have continued to develop during 1977 with the majority of groups having apparently adhered to the terms of the agreement. It is felt that these efforts will not go unnoticed and may help to bear fruit in future when additional open days during the fishing season are again sought. Unfortunately, a specific request for additional open days was refused for 1978, with the rider that (a) effective control over those groups still offending the fishing interest, and (b) an acknowledgement fee should be mooted before increased access could be made available.

RHAYADER — The agreement with the Rhayader Anglers Association will continue through 1978. In addition to the period stipulated for canoeing, a number of canoe groups have gained permission to canoe during the last few weeks of November.

RIVER IRFON — Tributary of Wye: Pending a decision by the British Canoe Union regarding a financial acknowledgement to the owners of this

river, for canoeing use, without prejudice to discussions regarding a trial agreement for access in the closed salmon and trout season and during spate conditions, the owners downstream of Llangammach Wells are prepared to allow canoeing until March 31st 1978 — providing groups adhere to

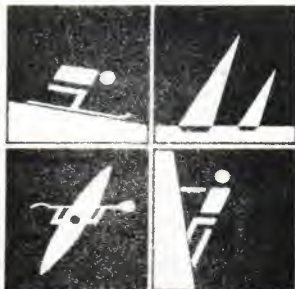
certain conditions. Canoeists anticipating using this river should write for further details.

Further details on the Upper Wye and Tributaries can be obtained on receipt of a 9" x 4" SAE from: *J. Greenland, Woodlands Outdoor Centre, Glasbury-on-Wye, Hereford.*

NOTE: BCU River Advisers are reminded that notes or details on river access will always be published in the first available issue of Canoeing Magazine following receipt of such. Details to: *Access, Canoeing Magazine, 19 Main Street, Hemington, Derby DE7 2RB.*

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SPRINT RACING

OLYMPIC TRAINING SQUAD

The BCU Racing Committee have now approved proposals from their Selection Committee regarding the preparation training programme for the 1980 Moscow Olympic Games. The main details are set out below.

A National Olympic Training Squad will be established to provide for the coaching and training needs of potential Olympic paddlers at Senior and Youth levels. The Squad to comprise 76-athletes and 10-officials.

Membership of the Squad is open to paddlers of a sufficiently high standard, and who are prepared to undertake the sustained training required. The Squad will function from January 1st to September 30th each year, with members being selected in December of each year by the BCU Racing Selection Committee with reference to performances during the previous season and on recommendation of Training Squad Coaches based upon monitored training commitments during the October, November and December. Youth membership is restricted to those born in 1961/62/63 for the 1978/9 season, and 1963/64/65 for the 1980/81 season. The Squad will comprise 44 Seniors and 32 Juniors.

The primary objectives of the Olympic preparation training programme will be to develop national standards of performance to a level sufficient to ensure British representation in:

- All the 1980 Olympic mens and womens kayak finals in K1, K2, K4, 500m and 1000m events.
- All the 1980 Olympic mens canoe semi-finals in C1, C2, 500m and 1000m events.
- The first six places of K1, K2 and K4 10,000m events at the 1978 and 1979 World Championships.
- The first twelve places of the C1 and C2 10,000m events at the 1978 and 1979 World Championships.
- All the 1979 Junior European Championships mens and womens kayak finals in K1, K2, and K4 over 500m and 1000m events.
- All the 1979 Junior European Championships mens canoe semi-finals in C1 and C2 over 500 and 1000m events.

The basic programme of Squad preparation training will comprise weekend training meets during January, February, and March of each year, plus a 7-day training meet at Easter, 5-day

training meet in Spring and 5-day Summer meet, the programme adapted in accordance with national and international regatta programmes, and the availability of further opportunities arising from additional Sports Council funding.

The emphasis of all Training Squad activity will be placed on crew and team training. Firm direction will be provided regarding the formation of national crews, while improved arrangements for the provision of personal coaching in the local training environment will be introduced. Help will also be given to all those members of the Training Squad who receive no coaching support, by the use of Training Squad Coaching personnel.

For the first time the Sports Council have allowed a grant for Olympic preparation towards the payment of part-time coaches. Three such coaches have been appointed to the Olympic Training Squad - George Cooper, Douglas Parnham, and Bill Machin. The nomination of part-time personnel will be reviewed in the December of each year, whilst the appointment for all officials and coaches to the Squad is for the four year period January 1st 1978 to December 31st 1981. The full Squad and officials is as detailed below:

SENIOR MEN KAYAK

G. Ballard	M. Harvey
R. Belcher	R. Harding
G. Bourne	B. Haynes
S. Brown	T. Hunter
D. Cook	D. Lawrence

T. Cornish	N. Mason
P. Dimmock	D. Moore
E. Farrell	D. Powell
M. Fegent	J. Phelps
P. Gorman	A. Sheriff
B. Greenham	D. Smith
R. Grimes	A. Williams
S. Handcock	A. Alan-Williams
	T. Wetherall

JUNIOR MEN KAYAK

A. Ayres	R. Lucas
K. Bishton	D. Mannering
S. Blackwell	S. Melling
H. Beardall	J. Raciborski
C. Canham	K. Rodgers
P. Cooper	P. Ruskin
I. Garner	K. Salisbury
R. Jones	G. Sellwood
N. Kemp	J. Stubbs
S. Lakin	D. Upson
P. Lancaster	J. West
M. Linley	P. Woodward

SENIOR MEN CANOE

M. Bradford	K. Pereira
R. Glover	W. Reichenstein
A. Hall	

JUNIOR MEN CANOE

A. Saunders	S. Train
-------------	----------

SENIOR WOMEN KAYAK

W. Clapham	H. Money
A. Crawley	K. Money
J. Harding	H. Peacock
C. Haynes	L. Perrett
L. Lamb	L. Smithers
S. Lucas	F. Wetherall

JUNIOR WOMEN KAYAK

L. Burton	S. Haws
S. Caske	J. Jacobs

RESERVES

1. A. Duncan	5. A. Fieldus
2. D. Nixon	6. P. Nutting
3. B. Lovell	7. G. Trulove
4. I. White	8. R. Haynes

Director: R. Emes: Assistant

Director: R. Jones: Senior Coach: G. Cooper: Senior Youth Coach: B. Perrett.

Coaches: B. Greenaway, W. Machin, J. Oliver, D. Parnham, W. Reichenstein, R. Russell.

Reserve Management/Coaches: C. Gray, M. Haslam, A. Miller, D. Moore, G. Oliver.

Medical Officer: Dr. W. Murfin: Physiologist: Dr. N. Craig Sharp:

Boatman: P. Nutting: Transport: M. Haslam, A. Miller.

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RACING COMMITTEE AWARDS

The Trophies are awarded to the winners of the National Championship events shown or for outstanding performances during the 1977 racing season:

- Unwin Bowl - A. Wilson - for Senior K1 10,000m
- Farnham Cup - D. Parnham - for Senior K1 1000m
- Dexter Trophy - C. Ballard - Best Senior 'B' at National Championships
- Famina Trophy - H. Peacock - Best Senior 'A' Womens at National Championship
- James Cup - D. Rose, J. Ball, D. Smith, N. Rocket - for Junior K4 10,000m
- Rhodes Cup - N. Kemp - for Junior K1 500m

RACING PROMOTIONS

The following are Racing Committee promotions for 1977 and effective from January 1st 1978.

MEN KAYAK — TO SENIOR 'A'

- D. Phillips Nottingham
- M. Fegent Richmond
- S. Jackson Royal
- D. Smith Harlow
- M. Harvey Royal
- C. Ballard Lichfield
- R. Grimes Richmond
- K. Owen Bradford
- A. Duncan Richmond
- R. Belcher Royal
- B. Greenaway Royal
- I. Ferguson Royal

MEN CANOE — TO SENIOR 'A'

- A. Hall Harlow
- R. Glover Windsor
- G. Parkinson RAF
- M. Brown Worcester

WOMEN KAYAK — TO SENIOR 'A'

- S. Lucas Gailey
- L. Lamb Reading
- J. Harding Nottingham
- A. Crawley Harlow
- K. Money Nottingham

MEN KAYAK — TO SENIOR 'B'

(from Novice)

- S. Roberts Harlow
- P. Harrison Harlow
- F. Wetherall Richmond
- J. Rosling Bradford
- J. Blake Richmond
- C. Waghorn RNKA
- D. Collins Richmond
- G. Kennedy Newham
- G. Spiers Irving
- J. Nixon Wav. Valley
- J. Giles Newham
- C. Dunlop Irving
- R. Lang Port Glasgow

MEN KAYAK — TO SENIOR 'B'

(from Junior)

- S. Missen Bradford
- G. Holmes Wey
- J. Wingfield Millfield
- J. Ball Nottingham
- G. Burgess Martlet
- A. Crowley Newham

MEN KAYAK — TO JUNIOR

(Re-Classification from Senior b)

- J. West Royal

MEN KAYAK — TO SENIOR 'B'

(Demotion from Senior A)

- R. Storey Royal Sigs.
- (At own request)

INTERNATIONAL REGATTA PROGRAMME

The BCU Racing Committee have approved the below international regatta programme to be competed and conditions for selection and selection policy for 1978 Racing Teams.

In establishing their 1978 International Selection Policy, the Racing Committee have had regard to the need to provide the maximum opportunity for all racing paddlers to obtain selection in one of the nominated racing classes during the 1978 competitive season. Recognising the considerable training demands imposed upon athletes, the number of selection events has been kept to a minimum. Subject to the achievement of satisfactory standards, the following events will be competed at international competition:

SENIOR MEN: K1, K2, K4, C1, C2, over 500m, 1000m and 10,000m.

SENIOR WOMEN: K1, K2, K4, over 500m.

JUNIOR MEN: K1, K2, K4, C1, C2, over 500m and 1000m.

JUNIOR WOMEN: K1, K2, K4, over 500m.

Paddlers and crews will be expected to achieve a standard of performance that would indicate a reasonable possibility in all kayak events of a final placing in 500m and 1000m races, and a place in the first six in the 10,000m races; in all canoe events, a semi-final placing in 500m and 1000m races, and a place in the first ten in the 10,000m races.

Crews will be considered as crews, and the Selectors will not interfere with the composition of such, unless they believe performances are not sufficiently high to merit selection. The BCU Racing Selection Committee will be responsible to the Racing Committee for the selection of all British international teams participating in the 1978 International Regatta programme. Further details from: *R. Emes, 147 Gravelly Hill, Erdington, Birmingham.*

DATE	EVENTS AND PLACE	Selection based on performances at below events	Number of competitors/crews per event
1st/2nd April	Hungary v Great Britain Match, Budapest, Hungary	1977 results and availability	SENIORS 2
20th/21st May	Bratislava International Regatta, Czechoslovakia	Committee Regatta 6th/7th May	SENIORS 2
27th/28th May	Ghent International Regatta, Belgium	Committee Regatta 6th/7th May	JUNIORS 2
17th/18th June	Home International Regatta, Nottingham	Spring Regatta 27th/28th May	SENIORS 2
24th/25th June	Four Nations Match, Boulogne, (Belgium/Holland/France)	Home International 17th/18th June	SENIORS 2 JUNIORS 2
15th/16th July	Poznan International Regatta, Poland	National Championships 8th/9th July	SENIORS 1
22nd/23rd July	Holstebro International Regatta, Denmark	National Championships 8th/9th July	JUNIORS 2
9th/13th August	World Racing Championships, Belgrade, Yugoslavia	National Championships 8th/9th July	SENIORS 1
9th/10th September	4 Nations Match, Nottingham (Belgium/Holland/France)	National Championships 8th/9th July/Committee Regatta	SENIORS JUNIORS
	OR Rome Regatta, Italy	12th/13th August	JUNIORS

SPRINT RACING

CANOE NORTH AMERICA



Carrying the flag into the Canadian Arctic. Notice the treeless shoreline in the background.

Retracing Franklin's Expedition of the 1820's By Ted Goddard

Yellowknife to Coppermine by canoe — six hundred miles through some of the Northwest Territory's most remote and rugged areas. When Fred Gaskin, Jim Lochhead, Jack Purchase and I decided to tackle this wilderness trip, we knew what we would be up against.

The second half of our journey would be a wild descent to the sea on one of Canada's most spectacular Arctic rivers. But to get to Coppermine, we would have to fight upstream along the 280 mile Yellowknife, a river so difficult that it has been conquered only once before in the last 150 years.

Our aim was to retrace the steps of Sir John Franklin's historic Royal Navy Expedition of 1820-21. Franklin's party had suffered severe frostbite, mutiny, and starvation. Unable to complete the journey in one season, they had wintered over in a bitter pause that cost the expedition several lives. Our trip would have to be completed within the time constraints of the six seven week Arctic summer.

The route would lead upstream from the town of Yellowknife on the northern shore of Great Slave Lake (some 150 miles as the crow flies north of the Alberta border). We would ascend the Yellowknife and Winter Rivers and cross the height of land to Point Lake. Descending the Coppermine River three hundred miles to the Arctic coast, we would end up at the Eskimo village also called Coppermine, well above the Arctic Circle.

We spent nearly a year in meticulous planning. Nothing could be left to chance; we would be spending most of our time hundreds of miles from the nearest people. Our extensive medical kit, complete with air splints, syringes, surgical instruments, antibiotics and analgesics, was carefully examined and brought up to date.

Equipment, maps, insect protection,

and other supplies had to be the best available. The food list was perhaps the most complex item to deal with. We needed a diet high in calories and carbohydrates, yet we had to keep weight and bulk to a minimum. We brought cases of freeze-dried pork chops, steaks, omelettes, and vegetables. Dehydrated fruit, double-smoked bacon, nuts, tea, and other staples completed our extensive grocery list. We did manage to keep things in perspective by carrying sufficient Scotch and Drambuie for a daily ration, following a centuries-old tradition established by the fur traders!

The most critical piece of equipment was the canoe. During the previous summer, we had experimented on a wild Quebec river, the Harricanaw, with 18 foot and 17 foot aluminium canoes and a 17 foot Old Town Chipewyan. That wild water testing ground convinced us of the resilience and toughness of the Oltonar (vinyl/ABS/foam sandwich) construction, so the Chipewyan was our choice for this wilderness trip.

In late June, we drove thirty-two hundred miles from our Ontario homes to our starting point, the town of Yellowknife. The first few miles on Great Slave Lake and on the Yellowknife River were on gentle flat water, but just a few hours later we came to the first of some 77 portages. Since we were going upriver, each of the countless rapids and cascades meant either portaging or lingering — hopping boulders along the edge of the river while towing the canoes through the rapids.

After our first week on the river, we had to leave it and travel through a system of nine lakes. Many earlier attempts to conquer the Yellowknife had failed here. It was paddle a mile, portage a mile, continually. Paths were non-existent, requiring hours of scouting, compassing, and cutting trails. We had to double-carry on each

portage, and our packs weighed up to 125 pounds. Portages ranged from half a mile to nearly five miles.

As the travelling became more difficult, however, our cohesiveness as a group became stronger. We quickly toughened up to the task and found that our resolve strengthened with every mile. Each evening was spent around the fire while Jim read aloud from Franklin's journal. As we compared our feelings about the miles just covered with Franklin's impressions of the same segment of river, we felt that there was no place we would rather be.

We re-entered the Yellowknife and eventually found ourselves beyond the timberline and into the barens. Despite its name, this treeless tundra is beautiful. Daily we spotted American bald and golden eagles, curlews, Arctic terns, and other bird life. Our diet of freeze-dried foods was now being augmented by trout and grayling, caught at will.

Three weeks from our starting date, we crossed the height of land and descended to Point Lake, where two additional crew members, fresh steaks, and cold beer awaited us. Behind us were nearly 80 portages and 280 miles. Ahead lay our reward, a three hundred mile descent of the spectacular Coppermine, a dangerous and exciting river.

When we shot our first rapid in the Coppermine, we were surprised at the heavy flow and the size of the standing waves. A mile further we had our first close call. There, a lively set of rapids flowed over dangerous ledges, causing backflow 'stoppers' at their bases. One canoe was turned sideways on, but recovered to continue with mishap. From this point on, the rapids were almost continuous, some as many as eight miles long. We were pleased with the way the keelless, resilient canoes slid easily over the rocks.



Arctic char, a beautiful game fish, provides a welcome supplement to the diet.



Rough terrain underfoot punctuated by rolling hillocks typify the landscape.

The weather, surprisingly mild, continued warm and sunny during the day, although often dropping below freezing at night. The wild-life in this area was rather exciting — peregrine and gyr-falcons, hawks, curlews, Canada geese, and whistling swans were common. We also spotted moose, caribou, and an Arctic white wolf, and were able to get quite close to these animals.

We crossed the Arctic Circle, and the river became more turbulent, frequently rushing through sheer canyon walls as much as two hundred feet high. Our scouting of rapids became more cautious, especially at Rocky Defile, which had recently claimed five lives. After Rocky Defile came Muskox Rapids, the five sets of Sandstone Rapids, and countless other unnamed and unmarked rapids. At times we were losing one hundred feet of elevation in four miles; this caused powerful flow and continuous wild water.

Shortly after running Escape Rapids — perhaps the most formidable of all — we arrived at Bloody Falls, the site of a massacre of Eskimos in 1771 by marauding Indian guides. There we found a group of Eskimos fishing exactly as their murdered ancestors had done. We shared their catch of Arctic char before portaging the falls.

As we neared the Gulf, the river stilled, seemingly exhausted by its frantic three hundred-mile rush to the sea. To our delight we arrived at the village of Coppermine in the midst of the Arctic games, the 'native Olympics'. It was a marvellous way to end our trip.

It was with some reluctance that we loaded our canoes onto the ancient DC-3 that serves Coppermine's gravel airstrip twice weekly. None of us really wanted our journey to be over. Yellowknife to Coppermine — it had been the ultimate canoe trip . . .



The expedition poses for the camera at a point well along the way into the trip.

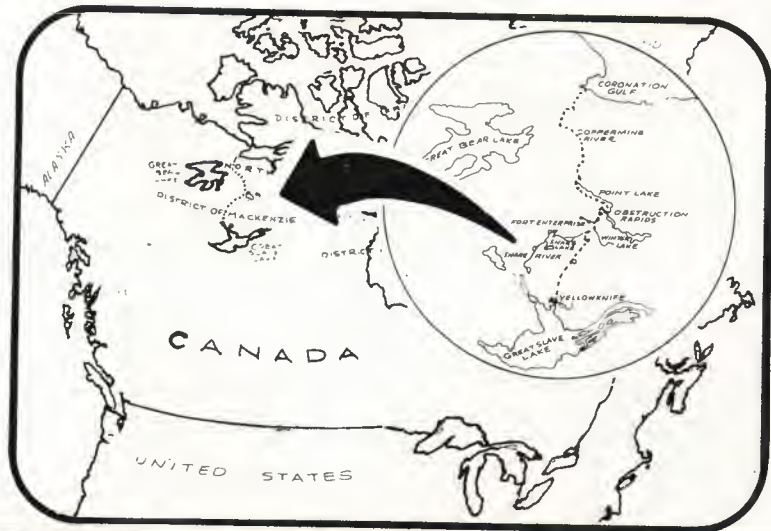


The brief arctic summers have frequent chilly moments and ever-present insect populations make even breathing a challenge.



Extensive stretches of turbulent white water with huge standing waves pose a constant threat.

Photos by courtesy of the Old Town Canoe Company



BUYING GUIDE

Once again we publish the current prices of all kayaks and canoes available from the major manufacturers in Britain. Prices quoted are for standard kayak and canoes, ex-works and do not include VAT.

TOURING DOUBLES	PRICE	MANUFACTURER	GENERAL PURPOSE	PRICE	MANUFACTURER
Doublet	102.36	Arrowcraft Marine	Ace Elektra Mk2	85.00	A.C. Canoe Products
Adventurer	125.50	Avoncraft	Hartung	76.47	Arrowcraft Marine
Adventurer Junior	111.50	Avoncraft	Gnat Mk4	84.50	Avoncraft
Ventura Lo-Line	129.50	Canoe Centre	Gnat 76	86.50	Avoncraft
Ventura Hi-Line	132.50	Canoe Centre	Kirton TS Mk5	96.15	Canoe Centre
Ventura W	138.00	Canoe Centre	Munchen	96.15	Canoe Centre
Double Enterprise	80.00	Capel Canoes	Hustler	60.00	Capel Canoes
Double	107.00	Fi-Bo	Panther I	68.00	Cymru Canoes
Wayfarer	120.00	Granta Canoes	Strike	68.00	Cymru Canoes
Wayfarer Twin	125.00	Granta Boats	Eden GP	64.00	Eden Canoes
Classic	120.00	Granta Boats	Slipper Combi	100.35	Gaybo
Searcher T2	108.00	Irish Precision	Funa	90.65	Gaybo
Ventura	113.00	Irish Precision	Olymp 4,5,6	96.15	Gaybo
Ardecche	120.00	Jaycee Glassfibre	Cadet	87.00	Granta Boats
Double Tourer	110.00	Kama Canoes	Sprat	79.00	Irish Precision
Otter TD2	135.00	Ottersports	Sprite Mk2	85.00	Irish Precision
Tourer II	125.00	P&H Fibreglass	Sprite Mk2S	100.00	Irish Precision
Voyageur	125.00	Pyranha Mouldings	Kirton TS Mk5	92.00	Irish Precision
Traveller	102.00	Tyne Canoes	Tempo	99.00	Irish Precision
Tourer Twin	108.00	Tyne Canoes	Escort Inst/Resc.	110.00	Irish Precision
Tourer Open	112.00	Tyne Canoes	Inn-Strukta	70.00	Kama Canoes
Double Tourer	85.00	Water Rat Canoes	Atomic	88.00	Krakatoa Mouldings
			Soar Valley	80.00	P&H Fibreglass
			Swift	80.00	P&H Fibreglass
			Alpha	87.00	P&H Fibreglass
			Everest	95.00	Pyranha Mouldings
			Orinoco	99.00	Pyranha Mouldings
			Tornado	95.00	Shepperton Design
			Panther	74.00	Trylon
			KW 4	86.50	Tyne Canoes
			Carano	74.00	Valley Canoe Products
			Soar Valley Mk1	77.00	Valley Canoe Products
			Soar Valley Mk3	80.00	Valley Canoe Products
			Cadet	87.00	Valley Canoe Products
			Sports	59.00	Water Rat Canoes
			Instructor (Lifeguard)	85.00	Whitewater Design
TOURING SINGLES	PRICE	MANUFACTURER	SLALOM KAYAKS	PRICE	MANUFACTURER
Python	76.47	Arrowcraft Marine	Strip-Yak	81.18	Arrowcraft Marine
Scout	78.82	Arrowcraft Marine	Ambuscade	86.18	Arrowcraft Marine
Mistral S1	86.50	Avoncraft	Stilletto Supreme	86.50	Avoncraft
Mistral Tr	90.00	Avoncraft	Falchion	105.00	Baron Canoes
Rapide K1	102.00	Avoncraft	Falchion XL	105.00	Baron Canoes
Zephyr	120.00	Baron Canoes	Ferrara	105.00	Baron Canoes
Cygn	96.15	Canoe Centre	Katana	105.00	Baron Canoes
Cresta	96.15	Canoe Centre	Allegro	104.10	Canoe Centre
Saga	96.15	Canoe Centre	Tempo	99.30	Canoe Centre
Capel Tourer	65.00	Capel Canoes	Loisach	99.30	Canoe Centre
Olympia	68.00	Cymru Canoes	Spearfish	60.00	Capel Canoes
Tourer	45.00	Eden Canoes	Hornet	60.00	Capel Canoes
Trailer	100.35	Gaybo	Quest D	99.00	Con-Yak
Wanderer	63.00	Granta Boats	Quest K	150.00	Con-Yak
Warrior	89.00	Granta Boats	Everest Elite 80	80.00	Cymru Canoes
Wyvern	80.00	Granta Boats	Epee XS	82.00	Fi-Bo
Wizard	107.00	Granta Boats	Epee	75.00	Fi-Bo
Wippet	82.00	Granta Boats	Meister Supreme	96.15	Gaybo
Classic	88.00	Granta Boats	Meister Extreme	96.15	Gaybo
Searcher T1	99.00	Irish Precision	Sanna/Extreme	96.15	Gaybo
Cygn	102.00	Irish Precision	Sting	96.15	Gaybo
Saga	102.00	Irish Precision	Olympia H&S	96.15	Gaybo
Corvette	88.00	Jaycee Glassfibre	Trophy	87.00	Granta Boats
Telstar	93.00	Jaycee Glassfibre	Trophy II	110.00	Granta Boats
Ribble	97.00	Jaycee Glassfibre	Tally Ho	85.00	Granta Boats
Coursier	99.00	Jaycee Glassfibre	Panther	83.00	Granta Boats
Tiger Tourer	80.00	Kama Canoes	Terrier	81.00	Granta Boats
Otter T1	108.00	Ottersports	Tytan	72.00	Granta Boats
Viva	86.00	P&H Fibreglass	Spectre 200	97.00	Irish Precision
Drifter	99.00	Pyranha Mouldings	Spectre 200S	122.00	Irish Precision
Tiger	74.00	Trylon	Spectre 200SK	183.00	Irish Precision
Junior	69.50	Tyne Canoes			
Senior	87.50	Tyne Canoes			
Sportsman	91.50	Tyne Canoes			
Whitewater II	89.50	Tyne Canoes			
Vagabond	90.00	Valley Canoe Products			
Tourer	59.00	Water Rat Canoes			
TOURING CANOES	PRICE	MANUFACTURER			
Beaver Junior	132.00	Avoncraft			
Beaver Master	145.00	Avoncraft			
Kiowa Gatz	129.00	Canoe Centre			
Mohawk Gatz	141.00	Canoe Centre			
Canadian	115.00	Capel Canoes			

Streaker	92.00	Jaycee Glassfibre	RACING KAYAKS K2	PRICE	MANUFACTURER
Tarn Mkl	86.00	Jaycee Glassfibre	Stephan	122.00	Avoncraft
Contra 75	86.00	Jaycee Glassfibre	Makker o/s	175.33	Canoe Centre
Merano	86.00	Jaycee Glassfibre	Makker u/s	181.33	Canoe Centre
Wildcat	86.00	Jaycee Glassfibre	Glider o/s	171.52	Canoe Centre
400 Super	76.00	Jaycee Glassfibre	Glider u/s	177.52	Canoe Centre
Snipe	70.00	Kama Canoes	Mirage o/s	157.80	Canoe Centre
Snipe D	80.00	Kama Canoes	Mirage u/s	163.80	Canoe Centre
Inn Spezial	70.00	Kama Canoes	Kaitu	140.00	Granta Boats
Cosnic Pro Slalom	102.22	Krakatoa Mouldings	Sprinter	148.00	Irish Precision
Cosmic SP77	79.11	Krakatoa Mouldings	<i>(Struer veneer on application from Canoe Centre)</i>		
Cobra	99.00	P&H Fibreglass	RACING KAYAKS K1	PRICE	MANUFACTURER
Elite 80 SS	99.00	P&H Fibreglass	Espada	102.36	Arrowcraft Marine
Phazer	87.00	P&H Fibreglass	Stephan	106.00	Avoncraft
Elite 66 SS	98.00	Pyranha Mouldings	Ranger o/s	129.86	Canoe Centre
Elite 80 SS	98.00	Pyranha Mouldings	Ranger u/s	135.86	Canoe Centre
Elite Equipe	120.00	Pyranha Mouldings	Lancer o/s	129.86	Canoe Centre
Snipe	79.00	Trylon	Lancer u/s	135.86	Canoe Centre
KW 7	87.00	Tyne Canoes	Lazer o/s	118.34	Canoe Centre
Scorpion 3	89.50	Tyne Canoes	Lazer u/s	124.34	Canoe Centre
Scarab	89.50	Tyne Canoes	Espada o/s	103.50	Canoe Centre
Scorpion 4	89.50	Tyne Canoes	Espada u/s	107.50	Canoe Centre
Toledo	92.00	Tyne Canoes	Rapier	160.00	CanoeSport
Dipper	94.50	Tyne Canoes	Javelin	160.00	CanoeSport
Venom	95.00	Valley Canoe Products	Renner	110.10	Gaybo
Viking	89.00	Valley Canoe Products	Lazer	116.00	Irish Precision
Viking Slimline	89.00	Valley Canoe Products	Skua	105.00	Shepperton Design
Viper	90.00	Valley Canoe Products	Espada	113.00	Valley Canoe Products
Slalom	59.00	Water Rat Canoes	<i>(Struer veneer on application from Canoe Centre)</i>		
Snipe	65.00	Whitewater Design	CLASS RACING	PRICE	MANUFACTURER
JUNIOR KAYAKS	PRICE	MANUFACTURER	Barracuda C1.4	157.80	Canoe Centre
Junior	74.71	Arrowcraft Marine	Tasman C1.4	157.80	Canoe Centre
Minnow	65.50	Avoncraft	Dart C1.3	107.50	Canoe Centre
Minor	73.38	Canoe Centre	OTHER RACING	PRICE	MANUFACTURER
Kadet	73.38	Canoe Centre	Sprint K4	369.30	Canoe Centre
Junior Olymp	61.45	Gaybo	Sprint C1	140.15	Canoe Centre
Tiddler	66.00	Granta Boats	SURF KAYAKS	PRICE	MANUFACTURER
Kadet	63.00	Irish Precision	Surf-Yak	77.65	Arrowcraft Marine
Tich	45.00	Jaycee Glassfibre	Vega	90.90	Canoe Centre
Cub	73.00	Jaycee Glassfibre	Wedge	83.00	Gaybo
Inn Minor	55.00	Kama Canoes	Surfer MkII	93.00	P&H Fibreglass
Junior	72.00	P&H Fibreglass	Ripper	93.00	P&H Fibreglass
Pup	72.00	Pyranha Mouldings	Stripper	93.00	P&H Fibreglass
Imp	62.50	Tyne Canoes	Weever	70.00	Trylon
SLALOM CANOES C2	PRICE	MANUFACTURER	Surf Shoe 73	87.00	Valley Canoe Products
Olymp C2	102.36	Arrowcraft Marine	Moccasin	89.00	Valley Canoe Products
Profile	140.15	Canoe Centre	Weever	60.00	Whitewater Design
C2 Team	162.60	Gaybo	SURF SKIS	PRICE	MANUFACTURER
Monsun	128.00	Jaycee Glassfibre	Mk.9 Rescue Ski	98.00	Severn Sea Surf
Slalom C2	120.00	P&H Fibreglass	Swift	120.00	Severn Sea Surf
Slalom C2	138.00	Pyranha Mouldings	Ocean Razor	138.00	Severn Sea Surf
SLALOM C1	PRICE	MANUFACTURER	Double Seven	188.00	Severn Sea Surf
Variant	76.47	Arrowcraft Marine	WaveBob 1	95.00	Severn Sea Surf
Mistral	101.65	Gaybo	WaveBob 2	115.00	Severn Sea Surf
Gerent	104.00	Jaycee Glassfibre	Surphski	80.00	P&H Fibreglass
Hahn Slalom	99.00	P&H Fibreglass	Skeet	89.00	Valley Canoe Products
Slalom C1	108.00	Pyranha Mouldings	SEA KAYAKS	PRICE	MANUFACTURER
DOWN RIVER KAYAKS	PRICE	MANUFACTURER	Aleut Mk.2	165.00	Severn Sea Surf
Salza	82.36	Arrowcraft Marine	Sea Gipsy - double	220.00	Severn Sea Surf
Tornado	94.00	Avoncraft	Sea Scout	81.17	Arrowcraft Marine
Machette	117.00	Baron Canoes	Seahawk	91.00	Arrowcraft Marine
Sabre	117.00	Baron Canoes	Tern Eskimo	94.00	Avoncraft
Shark	106.75	Canoe Centre	Esky	104.35	Gaybo
Renegade	85.00	Fi-Bo	Atlantic	104.35	Gaybo
Zenith	95.00	Fi-Bo	See Adler	100.00	Granta Boats
Interceptor Sprint	104.35	Gaybo	Striker	80.00	Granta Boats
Tempest	105.00	Granta Boats	See Schwann	140.00	Granta Boats
Match '74	105.00	Jaycee Glassfibre	See Jay	135.00	Granta Boats
Match 3	105.00	Pyranha Mouldings	See Vogel	195.00	Granta Boats
Shaft	105.00	Pyranha Mouldings	Vyneck	95.00	Kama Canoes
Sprinter 3	95.00	Tyne Canoes	Explorer		McNulty
DOWN RIVER CANOES	PRICE	MANUFACTURER	Eskimo	105.00	Pyranha Mouldings
Super Star C1	109.90	Gaybo	Seahawk	84.00	Trylon
Special C2	171.50	Gaybo	Anas Acuta	113.00	Valley Canoe Products
Hahn C1	120.00	P&H Fibreglass	Nordkapp (9 models)	117.00	Valley Canoe Products

BATH TRAINER/POLO	PRICE	MANUFACTURER		PRICE	MANUFACTURER
Wombat	64.71	Arrowcraft Marine	Tiger	97.00	Trylon
Supa Bat	52.50	Avoncraft	Seahawk	97.00	Trylon
Wombat	52.50	Avoncraft	Espada	98.00	Trylon
Papoose	40.00	Capel Canoes	Soar Valley Mk.1	120.00	Valley Canoe Products
Pool Trainer	63.00	Irish Precision	Soar Valley Mk.3	125.00	Valley Canoe Products
Bat Mk.V	50.00	Kama Canoes	Cadet	125.00	Valley Canoe Products
Krakabat	52.45	Krakatoa Mouldings	Surf Shoe	130.00	Valley Canoe Products
Bat Mk.V	53.00	P&H Fibreglass	Espada	147.00	Valley Canoe Products
Phighter	60.00	P&H Fibreglass	Bat Mat	110.00	Valley Canoe Products
Shark	50.00	Shepperton Design	Venom	125.00	Valley Canoe Products
Bat Mk.V	43.00	Trylon	Vagabond	125.00	Valley Canoe Products
Wombat	50.00	Trylon			
Vampire	59.50	Tyne Canoes			
Bath Mat	64.00	Valley Canoe Products			
FOLDING KAYAKS	PRICE	MANUFACTURER	G/F KITS	PRICE	MANUFACTURER
(Singles)			(Partially built)		
Sprite	180.00	Granta Boats	Gnat Mk.4	63.00	Avoncraft
Club Single	190.00	Granta Boats	Gnat 76	66.50	Avoncraft
Swift	140.00	Granta Boats	Stiletto Supreme	71.00	Avoncraft
Perfect	198.00	Tyne Canoes	Adventurer	98.00	Avoncraft
(Doubles)			Adventurer Junior	87.00	Avoncraft
Silver Airflow	280.00	Granta Boats	Mistral SI	66.50	Avoncraft
Lightweight	230.00	Granta Boats	Mistral Tr	68.50	Avoncraft
Sports Tourer	260.00	Granta Boats	Minnow	52.50	Avoncraft
Clipper	520.00	Granta Boats	Tern	75.00	Avoncraft
Falcon	330.00	Granta Boats	Supa Bat/Wombat	38.50	Avoncraft
Sports Two-Seater	298.00	Tyne Canoes	Espada	79.00	Avoncraft
(Klepper range on application from Canoe Centre)			Tornado	75.50	Avoncraft
KAYAK MOULDS	PRICE	MANUFACTURER	Atomic	70.23	Krakatoa Mouldings
Gnat Mk.4	115.00	Avoncraft	Cosmic SP77	70.23	Krakatoa Mouldings
Gnat 76	120.00	Avoncraft	Krakabat	34.67	Krakatoa Mouldings
Adventurer	158.00	Avoncraft			
Minnow	93.50	Avoncraft	WOODEN	PRICE	MANUFACTURER
Mistral	124.00	Avoncraft	Kingfisher	64.00	Granta Boats
Supa Bat	79.50	Avoncraft	Kestral	82.00	Granta Boats
Espada	124.50	Avoncraft			
Tern	128.00	Avoncraft	WOODEN/KITS	PRICE	MANUFACTURER
Stiletto	125.00	Avoncraft	Kayel Cub	38.00	Granta Boats
Wombat	79.50	Avoncraft	Kayel Touring Single	44.00	Granta Boats
Papoose	65.00	Strand Glass	Kayel Touring Double	58.00	Granta Boats
Apache	75.00	Strand Glass	Kayel Slalom Mk.VI	43.00	Granta Boats
Pawnee	86.00	Strand Glass	Kayel Sea Kayak	50.00	Granta Boats
Sioux	105.00	Strand Glass	Kayel Canadian	67.00	Granta Boats
Bat Mk.V	59.00	Trylon	Kayel Angmagssalik	55.00	Granta Boats
Wombat	76.00	Trylon	Kayel Surf Ace	35.00	Granta Boats
Panther	97.00	Trylon	Kayel Scandian 1	50.00	Granta Boats
Snipe	99.50	Trylon	Kayel Scandian 2	65.00	Granta Boats
			Kiwi	44.00	Granta Boats
			Kingfisher	53.00	Granta Boats
			Super K15	60.00	Granta Boats
			Kestral	65.00	Granta Boats
			TSK Two-seater	54.50	Tyne Canoes
			RAK Single-seater	49.50	Tyne Canoes

letters

Letters of comment, praise, abuse, or disgust, always welcomed - Address to: Editor, Canoeing Magazine, The Chapel, 19 Main Street, Hemington, Derby DE7 2RB

WETSUITS v FIBRE-PILE

The use of wetsuits of various cuts for canoeing needs some reconsideration in the light of the development of fibre-pile clothing. Expanded neoprene wetsuits are designed to keep one warm when immersed in water. As we know, the wetsuit stills and warms a thin layer of water against the skin (warmed by body heat), providing insulation whilst one moves in the water. On the bank, the wind or air quickly chills the water trapped in the wetsuit greatly reducing the wetsuits efficiency. Donning the wetsuit usually involves a struggle and

one often needs help to remove it. It restricts movement in the kayak and often makes entry and exit from the boat difficult due to its 'sticking' nature. The wetsuit takes quite a while to dry out and is certainly unpleasant to get back into on a cold day. Tight neoprene makes many people's skin itch after a few hours paddling. Neoprene is inclined to tear quite easily too, whether nylon coated both sides or not. It's heavy and bulky.

I've been wearing fibre-pile for paddling for three years now and these garments are as good as the day I bought them. I've paddled in fibre-pile in the French Alps, round the Hebrides, in Scotland and on countless trips up and down Lake Windermere in all weathers (instructing). I've always been warm and comfortable, whether wet or dry. Fibre-pile will dry out in low temperatures and re-warms very quickly if wet - it traps air instead of water. It is very light and can be packed down easily. One can wear fibre-pile both for paddling and in camp. I carry a spare set - one-piece -

for emergencies while instructing or on expedition. Unlike wool, or neoprene, fibre-pile won't itch delicate skins, and it doesn't stink when wet! I use Helly Hansen trousers and jumper. The jumper has a short zip in front and I've sewn good ski-ing braces to the trousers.

Helly Hansen is more expensive than it's competitors but is clearly of higher quality for our needs - good insulation, very durable, less stretch, and very windproof. I've found other brands of pile gear are too thin and thus not at all windproof. Still, if you're broke pile gear is easily made from material bought on the market - it is in fact a furnishing fabric . . .

I believe that fibre-pile is greatly superior to neoprene for paddling and is the canoeists clothing in this country. The North Wales Greenland Kayak Expedition thinks so too!

*Yours sincerely,
Earle Bloomfield,
Suffolk.*

Any comments . . . ? (Ed).

CANALS AND WATERWAYS

ADDITIONAL MONEY FOR WATERWAYS

The Chairman of the British Waterways Board, Sir Frank Price, welcomed the announcement in the recent Government White Paper on Public Expenditure that an extra £5-million is to be allocated to the Board for the fiscal year 1979/80.

The finance is primarily to help the Board deal with urgent maintenance works needed to protect public safety along the line suggested in the Report of Fraenkel and Partners, published by the Government in November.

FUTURE WATERWAY POLICY

The Government would be consulting widely on the detailed arrangements for the waterways to be included in legislation to implement the White Paper of the Review of the Water Industry. And the new National Authority would be given specific duties designed to ensure the preservation and well being of the waterway network as a national asset. These assurances were given by Dennis Howell, Minister of State at the Department of the Environment, to invited guests of the Inland Waterways Amenity Advisory Council at a dinner at the House of Commons on January 19th. He was answering questions put to him by Mr. David Wain, Chairman of IWAAC, about the future management and financing of the waterways under the White Paper proposals.

WORKING PARTY ON WATER SAFETY

With the Report of the Home Office Working Party on Water Safety recently published (see *'Waterways and Canals'* in our last issue), the following comments come from Oliver Cock, BCU Director of Coaching.

The issue of the report on Water Safety after the five years of hard work that has been put into its production is very welcomed, and on the whole its recommendations are to be greeted whole heartedly. The suggestions put forward in Chapter 10, on Accident Prevention and Rescue Measures are indeed excellent, and it is also pleasant to note the recommendation in Chapter 11, on Publicity, particularly with paragraph 230 (d) wherein it is recommended that when a voluntary body undertakes water safety publicity or education, that body should be supported by a subsidy from

Government funds.

The Working Party is of the very definite opinion that a Water Safety Council should be created, and the British Canoe Union Corps of Canoe Life Guards supports this strongly. It is to be questioned whether it is wise to leave the Council in the hands of the Home Office who took two years to get the Working Party off the ground, despite RoSPA's original proposal having the word *'urgent'* attached. The Sports Council could well be the better body, a thought that also struck the Working Party in paragraph 50.

However, this National Water Safety Council is to disseminate information; but how on earth is it to gather this information in, when it flatly rejects the idea of a *'National Life Saving Centre'*? Would not such a centre be the very place for this? There is already a National Coastal Rescue Training Centre and, although it might be decided that the role of this centre is too narrow, it would appear that something of this nature is highly desirable. The Working Party itself used its services, in that the Scientific Advisory Branch arranged a study on the colour and size of buoys at the Coastal Rescue Centre, and duly reported back. Yet the Working Party say that such an establishment would not be of value!

The contention of the Working Party is that a National Centre would be too expensive to run, that it would be too expensive to get to, and that the voluntary bodies themselves run training courses anyway. They also say that Authorities would not use it (Paragraph 125). The interesting thing about this is that there are already a National Mountaineering Centre, a National Sailing Centre, and a National Water Sports Centre; but as for a National Life Saving Centre — apparently never!

These other Centres in themselves belie the contentions of the Working Party. They are expensive to run, but the Government fully appreciate their value and support them from Government Funds through the Sports Council. People come to them from all over the United Kingdom, and the voluntary bodies do use them for their training courses. One of the major difficulties confronting the voluntary bodies is the maintenance of correct standards. Left to themselves in their various parts of the country, with the very best of intentions, the officers operating their schemes begin to vary in

their standards. I have seen this happening in one of the most eminent of our life saving organisations. The voluntary bodies that use the Centres to which I have referred find that they bring an equality of standards in their various tests and awards, merely by arranging meetings and courses for their officers working in the field.

The National Coastal Rescue Training Centre also belies the Working Party's contentions that I have already mentioned in that various Authorities also use it; the R.N.L.I., HM Coastguards and the Police all use it. Certainly the BCU Corps of Canoe Life Guards uses it, and it is known that other life saving organisations do, too. Stationed in South Wales, which, it must be admitted, may not be the very best position for it, never-the-less the standard of life saving in Wales has leapt up to be one of the highest in the island — and such a Centre is of no use? In such a Centre new ideas can be tried out, new equipment tested and evaluated, and the Water Safety Council can disseminate the information so gained to the content of its own heart, and that of everybody else as well. The various voluntary bodies can study each other's methods and learn from them, thus eliminating some of the work of the Beach Rescue Advisory Committee, who have so far been doing their best to fulfill this role and who will be delighted to find themselves becoming redundant.

There is one other point that should, perhaps be mentioned. This refers to Tables 6.7 and 8 in Appendix H of the report. These tables mentioned *'Boating'* in the round term; boating for transport; boating for pleasure; and boating for fishing. (There seems to be a pretty differentiation there!) It appears to be a pity that the differentiation was not made in, shall we say dinghy sailing, rowing and canoeing. Which of these three sports is it that is the most dangerous? At which ought the Water Safety Council to aim its work? It would be silly to aim hard at the sport which has the best record and perhaps not to aim powerfully enough at that section of the community which is proving to be the most likely to run into serious trouble.

*Oliver Cock,
Director of Coaching,
British Canoe Union.*

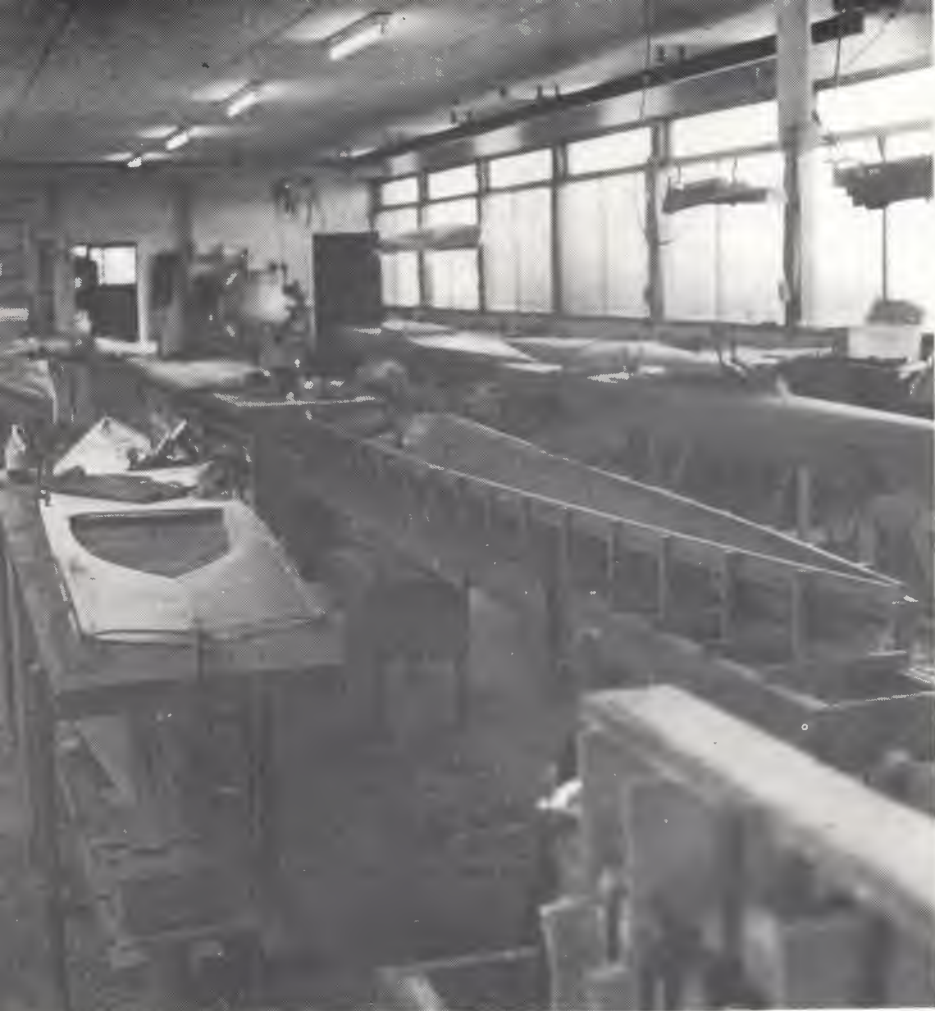


PHOTO EXTRA

Photos: Mike Clark.

For flat water racers at least our page of photographs shows views around probably the most famous kayak manufacturing factory in the world — that of Struer in Denmark.



21st

FORTH & CLYDE CANAL — canal (S15P6/J8P3) Details: Recreation Department, Falkirk District Council, Kilns House, Kilns Road, Falkirk.

JUNE

3rd

CUMBRAE ISLAND — Sea race (S12/J7) Details: D. Shaw, 24a Thornley Park Avenue, Paisley, Glasgow.

25th

LOCH LOMOND — inland loch (S16/J10) Details: A. Manzie, Dept. of PE, Strathclyde University, George Street, Glasgow.

AUGUST

19th

IRVINE — river (S10P2/J7) Details: W. McKinley, 61 Hemphill View, Knockentibar, Kilmarnock, Ayrshire.

26th

TAIL O'THE BANK — Sea race (S10/J7) Details: Secretary, R.W.S.A.B.C., Glubhouse, Esplanade, Greenock.

SEPTEMBER

2nd/3rd

TAY DESCENT MARATHON — inland loch and river (S60/J33) Home countries international. Details: A. Morton, 34 Roselea Drive, Brightons, Falkirk.

2nd

RIVER LEVEN — river (S8/J8) Details: Secretary, Clydebank Canoe Club, 109 Shakespeare Avenue, Boquhanran, Clydebank, Dunbartonshire.

OCTOBER

22nd

RIVER CLYDE — river (S12/J10) Details: A. Manzie, Dept. of PE, Strathclyde University, George Street, Glasgow.

29th

RIVER TWEED — river (S10/J10) Details: K. Fraser, 2 Mansfield Square, Hawick.

OTHER KNOWN EVENTS

MARATHON — International Canoe/Kayak Rally 'Bachten De Kupe', Belgium. April 22nd/23rd: Details: Westhoek Kajakclub Veurne, Nachtegalenlaan 10, 8480 Veurne, Belgium.

MARATHON — Maratom Melonta, Kuru — Tampere 47km Tampere Tour, Finland. Details: Erkki Heusala, Saatajankatu 23, Tampere, Finland. (August).

MARATHON — International Marathon Race and Sprint Distances (for Youth), Veurne, Belgium. September 3rd: Details: Westhoek Kajakclub Veurne, Nachtegalenlaan 10, 8480 Veurne, Belgium.

MARATHON — IPM River Liffey — Ireland 56 miles. May 27th/28th. Details: The Secretary, IPM Marathon Irkus Mouldings Ltd. Maynooth Road, Celbridge, Co. Kildare, Ireland.

INTERNATIONAL EVENTS

SLALOM AND WILD WATER

APRIL

15th/16th
29th/30th

— PASSAU
— MONSCHAU

West Germany
West Germany

Wild Water
Slalom/WW C

MAY

1st
4th/7th
6th/7th
13th/14th
27th/28th

— HIEBERSTEIN
— NEUSS
— ZWICKAU
— KIENBERG
— SPINDLEROV

West Germany
West Germany
DDR
Austria
Czechoslovakia

Details n/a C
Details n/a C
Slalom B
Slalom/WW C
Slalom/WW A

JUNE

3rd/4th
3rd/4th
3rd/4th
10th/11th
17th/18th
24th/25th

— TRYWERYN
— GOUMOIS
— BOVEC
— MUOTATHAL
— MERANO
— TACEN

Great Britain
France
Yugoslavia
Switzerland
Italy
Yugoslavia

Slalom/WW A
Slalom A
Wild Water C
Slalom/WW A
Slalom/WW A
Slalom C

JULY

1st/2nd
6th/9th
8th/9th
8th/9th
15th/16th
15th/16th
22nd/23rd
26th/30th
29th/30th

— BUENA VISTA
— VALIRA
— LEAVENWORTH
— BAMBERG
— WHISTLER
— AUGSBURG
— BOURG
— NOGUERA
— SPITAL

USA
Spain
USA
West Germany
Canada
West Germany
France
Spain
Austria

Slalom/WW A
Slalom/WW C
Slalom/WW A
Slalom C
Slalom/WW A
Slalom A
Slalom/WW A
Slalom/WW C
Slalom/WW A

AUGUST

1st/2nd
5th/6th
19th/20th
19th/20th
26th/28th
26th/27th

— SKOPJE
— LOFER
— JONQUIERE
— NOWY
— SAVAGE
— LIPTOVSKY

Yugoslavia
Austria
Canada
Poland
USA
Czechoslovakia

Slalom C
Slalom/WW C
Slalom/WW A
Slalom C
Wild Water A
Slalom C

SEPTEMBER

2nd/3rd

— CERVENY

Czechoslovakia

Slalom C

'A' — International events for national teams — 6 boats per class.

'B' — International events for national teams by invitation.

'C' — International events open to all member associations.

SPRINT RACING

MAY

6th/7th
6th/7th
13th/14th
20th/21st
27th/28th
27th/28th
27th/28th

— SOFIA
— AVILES
— AMSTERDAM
— BRATISLAVA
— SOFIA
— GHENT
— MOSCOW

Bulgaria
Spain
Holland
Czechoslovakia
Bulgaria
Belgium
USSR

Balkan Champ. over 500m
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme

JUNE

3rd/4th
3rd/4th
10th/11th
17th/18th
17th/18th
24th/25th
24th/25th

— ZAANDAM
— BUDAPEST
— BRANDENBURG
— NOTTINGHAM
— BOCHUM
— ROME
— BELGRADE

Holland
Hungary
DDR
Great Britain
West Germany
Italy
Yugoslavia

World Champ. Programme
World Champ. Programme
500m
World Champ. Programme
500m
World Champ. Programme
World Champ. Programme

JULY

1st/2nd
1st/2nd
8th/9th
15th/16th
15th/16th
22nd/23rd
22nd/23rd
29th/30th

— TAMPERE
— TEL-AVIV
— BUCHAREST
— POZANAN
— OHIO
— HOSTELBRO
— MONTREAL
— JAJCE

Finland
Israel
Rumania
Poland
USA
Denmark
Canada
Yugoslavia

World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme
World Champ. Programme

AUGUST

5th/7th
5th/7th
5th/7th
12th/13th

— SELLA
— AVILES
— NAVLON
— BELGRADE

Spain
Spain
Spain
Yugoslavia

Canoe Marathon Descent
World Champ. Programme
Canoe Marathon Ascent
WORLD CHAMP'S.

SEPTEMBER

2nd/3rd
23rd/24th
30th/1st

— PLOVDIV
— MUNICH
— SANTIAGO

Bulgaria
West Germany
Cuba

500m
500m and 1000m
World Champ. Programme

OCTOBER

7th/8th
11th/14th

— KINNERET
— MEXICO CITY

Israel
Mexico

World Champ. Programme
Pan-American
Championships for
Juniors/Seniors

Invitation Regatta — 9th/10th Sept. Rome, Italy.

COMPETITIVE EVENTS PULL-OUT CALENDAR

NOTE: Addresses for details regarding Slalom events maybe incorrect as no confirmed list was available from Slalom Committee at time of printing — refer to Year Book.

RACING

MAY

6th/7th

SPRING REGATTA, Holme Pierrepont. (K4 10,000m National Championships) Details: BCU Regatta Committee, Holme Pierrepont National Watersports Centre, Nottingham.

27th/28th

COMMITTEE REGATTA, Holme Pierrepont. (K1 10,000m National Championships) Details: BCU Regatta Committee, Holme Pierrepont National Watersports Centre, Nottingham.

JUNE

3rd

SOUTH OF ENGLAND Regional Championships, Shoreham. Details: A. Duncan, 5 Goldstone Road, Hove, Sussex.

16th/17th/18th

INTERNATIONAL REGATTA, Holme Pierrepont. Details: BCU Regatta Committee, Holme Pierrepont National Watersports Centre, Nottingham.

24th

ROYAL REGATTA, Teddington, London. Details: B. Greenaway, 214a Battersea Park Road, London SW11.

JULY

1st

MARLOW REGATTA, Marlow, Bucks. Details: P. Lee, 61 Newtown Road, Marlow, Bucks.

8th/9th

NATIONAL CHAMPIONSHIPS, including BSCA Championships, Holme Pierrepont. Details: BCU Regatta Committee, Holme Pierrepont National Watersports Centre, Nottingham.

22nd/23rd

ARMY CANOE UNION, Racing and Marathon Championships (Confined Army), Monmouth. Details: B. Howie, 7 Carlyle Square, London SW3.

25th

READING OPEN 10,000m Race, Reading, Berks. Details: K. Lovell, 74 Reeds Avenue, Early, Reading, Berks.

29th/30th

HOME COUNTRIES INTERNATIONAL, Strathclyde Park. (British K2 10,000m Championships). Details: D. Samuel, Auchengillon, Blanefield, Glasgow G63 9AU.

AUGUST

12th/13th

INTER-CLUBS REGATTA, Holme Pierrepont. (For MacGregor Paddle) Details: BCU Regatta Committee, Holme Pierrepont National Watersports Centre, Nottingham.

19th/20th

RICHMOND REGATTA, Richmond, London. Details: D. Lawler, 93 Chertsey Lane, Staines, Middx.

19th

IRVINE REGATTA, Irvine, Ayrshire. Details: W. McKinley, 61 Hemphill View, Knockentiber, Kilmarnock, Ayrshire.

MARATHON

MARCH

5th

GAILEY CANAL, Tier 3 (S11/J10) Details: B.D. Lucas, 139 Rodbaston Drive, Penkridge, Staffs.

OXFORD, Tier 4 (S12/J8) Details: R. Haynes, Riverside Centre, Donnington Bridge Road, Oxford.

12th

WATERSIDE 'D', Tier 4 (S35/J35) Details: K. Donkin, 47 Wendan Road, Newbury, Bucks.

19th

LINCOLN, Tier 3 (S11/J8) Details: L. Oliver, 35 Elm Avenue, Cherry Willingham, Lincoln.

24th/27th

DEVIZES — WESTMINSTER, Tier 4 (S125/J4x35) Details: F.J. Bartlett, 19 The Chantry, Hillingdon, Middx.

APRIL

2nd

NOTTINGHAM, Tier 3 (S13/J10) Details: G. Oliver, Nottingham Kayak Club, Trentside, Nottingham.

9th

THAMES, Tier 3 (S12/J8) Details: B.R. Smith, 20 Ashby Avenue, Chessington, Surrey.

16th

LEAMINGTON, Tier 3 (S10/J8) Details: R.A. Sowman, 23 Stanton Walk, Noodlces Park, Warwick.

23rd

LEE & STORT, Tier 3 (S12/J9) Details: Secretary, Harlow Canoe Club, O.P.C. Burnt Mill Lane, Harlow, Essex.

23rd

HULL & DISTRICT, Tier 3 (S10/J6) Details: G.M. Edwards, 137 Carr Lane, Willerby, Hull.

MAY

1st (Bank Holiday)

NOTTINGHAM, Tier 4 (20 mile) Details: C. Gray, 128 Greythorne Drive, West Bridgford, Nottingham.

6th

STOUR YOUTH RACE, Tier 4 Details: D. Smith, Squirrels, Cornard Tye, Sudbury, Suffolk.

7th

BEDFORD — ST NEOTS, Tier 3 (S15/J7) Details: J.R. Mathers, 1 Rothsay Place, Bedford.

ROTHER, Tier 3 (S13/J9) Details: Mrs D. Novis, 21 Osborne Close, Hastings, Sussex.

SCOUTS 8-A-J, Tier 4 (S7/J5) Details: B. Read, 39 Orchard Avenue, Worthing, Sussex.

14th

TAUNTON — BRIDGWATER, Tier 3 (S13/J13) Details: Millfield CC, Millfield, Street, Somerset.

LOCH LUBNAIG, Tier 3 Details: A. Samuel, 2 Ancaster Square, Callender, Perthshire.

20th

SCOUT & GUIDE, 1st's L.D., Tier 4 Details: G.H. Shepherd, 33 Palmers, Wantage, Oxford.

SOUTHAMPTON, Tier 3.

YOUTH RACE, CHELMSFORD, Tier 4 (Y7) Details: M. Lewis, 75 Tabor Avenue, Chelmsford, Essex.

21st

READING CIRCUIT, Tier 3 (S12/J12) Details: M. Tapscot, 15 The Green, Theale, Reading.

BROMLEY, Tier 4 (S12/J9) Details: K.T. Dunstan, 18 Percy Road, Bexleyheath, Kent.

JUNE

4th

MARTLETS — HOVE, Tier 3 Details: A. Duncan, 5 Goldstone Road, Hove, Sussex.

10th

FLADBURY, Tier 4 (S12/J8) Details: M. Kemp, 12 Broadway Close, Fladbury, Pershore, Worcester.

YOUTH RACE, NEWHAM, Tier 4 Details: C. Rowe, 30 Exning Road, London E16.

POOLE HARBOUR, Tier 3 (S12/J6) Details: Canoe Race Organiser, A.T.U.R.M. Royal Marines, Poole, Hamworthy, Dorset.

11th

BATH — BRADFORD, Tier 3 (S14/J11) Details: Race Organiser, BOARC, 49 Margaret Street, Bradford-on-Avon, Wilts.

25th

CHELMER, Tier 3 (S12/J6) Details: J.E. Marriage, Budds Farm, Highwood, Chelmsford, Essex.

JULY

1st
YOUTH RACE, HARLOW, Tier 4
Details: R. Russell, O.P.C. Burnt Mill Lane, Harlow, Essex.

2nd
WOLVERHAMPTON, Tier 3 Details:
K. Yates, 24a Orton Lane, Wombourne, Wolverhampton.

9th
THREE HARBOURS, Tier 3 (S13/J7)
Details: P.F. Cameron, 1 Harbour Cottages, Old Bosham, Chichester.

16th
TEWKESBURY, Tier 3 (S12/J9)
Details: M.R. Blundell, Baldwins Farm, Newent, Gloucester.

22nd
INTERNATIONAL K2 MARATHON,
Tier 3 (27-mile) Details: D. Lawler, 93 Chertsey Lane, Stains, Middx.

23rd
EXE CIRCUIT, Tier 3

26th
READING, Tier

29th
INTERNATIONAL K1 MARATHON,
Tier 3 (35 mile) Details: B. Greenaway, 214a Battersea Park Road, London SW11.

30th
MAIDSTONE, Tier 3 (S13/J8) Details:
I. Bourne, 10 Sunnymead Avenue, Gillingham, Kent.

AUGUST

6th
BECCLES — BUNGAY, Tier 3
(S12/J8) Details: T.A. Epps, 87 Paddocks, Old Catton, Norwich.

20th
LICHFIELD, Tier 3 (S12/J8) Details:
Mrs J. Machin, 21 High Grange, Lichfield, Staffs.

26th/28th
NATIONAL CHAMPIONSHIPS, Tier
1. (Worcester) Details: M. Carvell, 7 Beaconsfield Road, Croydon, Surrey.

SEPTEMBER

3rd
WORTHING, Tier 3 (S11/J11) Details:
N.J. Tricker, 70 West Avenue, Worthing, Sussex.

17th
SOAR, Tier 3 (S12/J10) Details: E. Porter, 15 Kirkstone Drive, Loughborough, Leicester.

17th
SCOUTS, ADUR, Tier 4 Details: R. Atkins, 115 Church Road, Burgess Hill, Sussex.

23rd
YOUTH RACE, SUDBURY, Tier 4
Details: L. Goodard, Leys Farm, Thorpe-le-Sokem, Suffolk.

24th
PANGBOURNE, Tier 3 (S12/J11)
Details: D.J. Looker, 24 Thames Avenue, Pangbourne, Berks.

YORKSHIRE DERWENT, Tier 4
(S12/J7) Details: R. Dubber, 39 Thorndale, Hull, Yorks.

MARCH 1978

OCTOBER

1st
WEY, Tier 3 (S12/J8) Details: P. Finch, 4 Warwick Lane, St John's, Woking, Surrey.

7th
SHEFFIELD, Tier 3 Details: G. Gregory, 9 Clark Grove, Stannington, Sheffield.

8th
LONGRIDGE, Tier 3 (S11/J11) Details:
Race Organiser, Longridge, Quarrywood Road, Marlow, Bucks.

GARSTANG, Tier 4 (S12/J9) Details:
D.C. Bagot, 87 Dorchester Road, Garstang, Preston, Lancs.

YARE, Tier 4 (S12/J12) Details: K.D. Millican, Broadfields, Rockland, St Mary, Norfolk.

YOUTH RACE, HEYBRIDGE, Tier 4
Details: D. Courtman, Fairplay House, Wickham Bishops, Maldon, Essex.

15th
KENNET RIVER, Tier 3 (S14/J14)
Details: M.D. Brown, 13 The Pentlands, Kintbury, Berks.

22nd
AVON DESCENT, Tier 3 (S21/J7)
Details: K. Archard, 17 Moor Barton, Neston, Corsham, Wilts.

22nd
SCOUTS, SIDCUP, Tier 4 (S10/J10)
Details: D.S. Webb, 16 Elm Road, Sidcup, Kent.

NOVEMBER

5th
CAMBRIDGE, Tier 3 Details:
Rosemary Holmes, Newnham College, Cambridge.

19th
EXE DESCENT, Tier 4 (S20/J20)
Details: M. Carpenter, 52 Wardrew Road, St Thomas, Exeter.

WILD WATER

MARCH

5th
UPPER WHARFE (II), Leeds CC.
Details: M.J. Markham, 22 Wrenbury Crescent, Leeds LS16 7EG.

12th
LEVEN WILD WATER TEST, Lakeland CC. Details: E.B. Totty, Craigmuir, High Knott Road, Arnside, Nr. Carnforth, Lancs.

APRIL

16th
LEVEN WILD WATER TEST, Lakeland CC. Details: E.B. Totty, Craigmuir, High Knott Road, Arnside, Nr. Carnforth, Lancs.

29th/30th
RIVER TRYWERYN, Stafford & Stone CC. Details: P. Goodwin, Woodendale Cottage, Maerhills, Baldwins Gate, Newcastle-under-Lyme, Staffs.

MAY

27th
BRITISH OPEN CHAMPIONSHIPS, River Tryweryn, Chester CC. Details: Mrs Briggs, 106 Becketts Lane, Great Broughton, Chester.

JUNE

1st/4th
EUROPA CUP SERIES, River Tryweryn.

11th
RIVER AWE. Details: A. Morton, 34 Roselea Drive, Brighton, Falkirk.

LEVEN WILD WATER TEST — June
18th: October 1st: October 22nd:
Details: E.B. Totty, Craigmuir, High Knott Road, Arnside, Nr. Carnforth, Lancs.

SLALOM

MARCH

5th
SHEPPERTON (2nd), Shepperton CC.
Details: A. Haliday, 433 Woodham Lane, Woodham, Weybridge, Surrey.

12th
MARPLE (4th/N), Manchester CC.
Details: J. Blundell, 6 Delbooth Avenue, Flixton, Manchester M31 2SD.

DUCK MILL (4th), Viking KC. Details:
M.J. Carter, 5 Clarendon Street, Bedford.

19th
APPLETREWICK (2nd), Leeds CC.
Details: M.J. Markham, 22 Wrenbury Crescent, Leeds LS16 7EG.

DEDHAM MILL (4th/N), Suffolk WSA. Details: R. Ruffles, 48 Broomhayes, Ipswich, Suffolk.

NETHERTON BRIDGE (2nd/3rd), Dundee CC. Details: Miss M. Soutar, 76 Forth Crescent, Dundee, Scotland.

DURNGATE (N), Worthies CC. Details:
R. Leppard, 49 Garbett Road, Winnal, Winchester, Hampshire.

26th
GRANDTULLY (1st), Leeds CC.
Details:

APRIL

2nd
SYMONDS YAT (2nd), Gloucester CC.
Details: B. West, 23 Stancombe View, Winchcombe, Gloucester.

SHEPPERTON (3rd), Shepperton CC.
Details: A. Haliday, 433 Woodham Lane, Woodham, Weybridge, Surrey.

FAIRLEE (3rd/4th) Edinburgh Univ. CC. Details: A. Boyd, 112 North Saughton Road, Edinburgh 12.

PONT ARITHON (N), Birmingham CC.
Details: Slalom Sec. 6 Ferndale Park, Pedmore, Stowbridge, West Midlands.

9th
HAMBLEDON (3rd/4th), Chiltern Edge CC. Details: Miss C. Wing, 9 Red House Drive, Sonning Common, Reading Berks.

PONTRILAS (N), Wydean CC. Details: R. Gardener, The Bungalow, The Square, Prosper Lane, Coalway, Coleford, Gloucester.

PETERBOROUGH (4th/N), Proteus CC. Details: B. Churchill, 34 Crowsom Crescent, Northborough, Peterborough.

16th
HAMBLEDON (2nd), Chalfont Park CC. Details: T.J. Cronin, 38 Hillside, Slough, Bucks.

MYRTLE PARK (4th/N), Bradford CC.
Details: C. Redfearn, 9 Tothill Avenue, Brighouse, West Yorks.

COMRIE (4th/N), Ancrum CC. Details: Slalom Sec. Ancrum CC, 10 Ancrum Road, Dundee, Scotland.

23rd
LLANDYSSUL (3rd/4th), Bristol CC. Details: A.E. Cox, Windrush, Stanhalls Lane, Felton, Bristol, Avon.

30th
TEITH (4th/N), Heriot Watt CC. Details: M. Mosolowski, 38 Broughton Street, Edinburgh 2.

MAY

7th
OLD WINDSOR (2nd), Windsor CC. Details: D.C. Hodges, 18 Arlington Road, Ashford, Middx. TW15 2LS.

IRONBRIDGE (4th/N), Telford CC. Details: M. Jones, 15 Ludford Drive, Stirchley Park, Telford, Salop.

14th
BALA MILL (1st), Midland CC. Details: J. Nelson, 30 Weirfield Road, Darley Abbey, Derby.

EASBY (3rd/4th), Manchester CC. Details: T. Cannon, 22 Schools Road, Abbey Hey, Manchester.

GLASSHOUSES (N), Leeds CC. Details: M.J. Markham, 22 Wrenbury Crescent, Leeds LS16 7EG.

21st
TRYWERYN (1st) Welsh Open, Chester CC. Details: Mrs Briggs, 106 Becketts Lane, Great Boughton, Chester.

28th
LENY (4th/N), Dundee CC. Details: S. Ness, 7 Denoon Terrace, Dundee, Scotland.

JUNE

4th
EUROPA INTERNATIONAL, Tryweryn.

ELAN VALLEY (3rd), Gloucester CC. Details: P. Legate, 23 Morley Avenue, Churchdown, Gloucester.

11th
CARLISLE (4th/N), Carlisle CC. Details: A.J. Yates, 2 Liddle Close, Lowry Hill, Carlisle, Cumbria.

STONE (N), Stafford & Stone CC. Details: P. Goodwin, Woodendale Cottage, Maer Hills, Baldwins Gate, Newcastle-under-Lyme, Staffs.

ABINGDON WEIR (N), Riverside CC. Details: S. Baxter, 20 Cadegan Park, Woodstock, Oxford.

18th
LINTON (3rd), Manchester CC. Details: L. Wilbraham, 12 Pine Grove, Prestwich, Manchester M25.

SHEPPERTON (N), Shepperton CC. Details: A. Haliday, 433 Woodham Lane, Woodham, Weybridge, Surrey.

25th
FINCHDALE ABBEY (4th/N), Gateshead KC. Details: T. Blackburn, 12 Prudhoe Grove, Jarrow, Tyne & Wear.

WINCHESTER (N), Winchester CC. Details: R.C. Brock, 18 St. Catherines Road, Winchester, Hants.

JULY

2nd
LINTON (2nd).
CHESTER WEIR (N), Chester CC. Details: Mrs Briggs, 106 Becketts Lane, Great Boughton, Chester.

9th
PIPE BRIDGE (4th/N), Sunderland CC. Details: K. Lambley, 6 Kingarth Avenue, Seaburn, Sunderland.

DARLEY ABBEY (N), Midland CC. Details: J. Nelson, 30 Weirfield Road, Darley Abbey, Derby.

16th
COOKHAM WEIR (N), Warren/Reading CC. Details: D.J. Looker, 24 Thames Avenue, Pangbourne, Bucks.

AUGUST

20th
AWE (2nd/3rd), Edinburgh WWC. Details: Miss C. Linn, 50 Kings Road, Edinburgh 15.

27th
LINTON (invitation). Details: M.J. Markham, 22 Wrenbury Crescent, Leeds LS16 7EG.

SEPTEMBER

3rd
MARPLE (4th), Manchester CC. Details: J. Hall, 2 Overdale Road, Romiley, Cheshire.

GLASSHOUSES (N), Leeds CC. Details: M.J. Markham, 22 Wrenbury Crescent, Leeds LS16 7EG.

10th
WHORLTON (3rd/4th), Tees KC. Details: H.L. Smith, 6 Earllsdon Avenue, Brookfield, Middlesborough, Teeside.

CASTLEFIELDS (4th/N), Bradford/Airdale CC. Details: M.H. Colgan, 252 Leeds Road, Fagley, Bradford, Yorks.

TEVIOT BRIDGE (4th/N), Roxburgh CC. Details: K. Fraser, 6 Mansfield Square, Hawick, Roxburghs.

17th
MATLOCK (3rd), Sheffield CC. Details: H.L. Pashley, 10 Crawshaw Grove, Sheffield, Yorks.

HOWSHAM (4th/N), York CC. Details: G. Pickard, 14 The Horseshoe, Dring Houses, York.

DUCK MILL (N), Viking KC. Details: M.J. Carter, 5 Clarendon Street, Bedford.

24th
SERPENTS TAIL (1st), Manchester CC. Details: I.D. Pendleton, 59 Bird Hall Road, Cheadle Hulme, Cheshire.

WEST TANFIELD (4th/N), West Yorks CC. Details: K. Harrop, 25 Elmwood Grove, Horbury, Wakefield, Yorks.

OCTOBER

Cairnton (2nd/3rd)
SHEPPERTON (4th), Shepperton CC. Details: A. Haliday, 433 Woodham Lane, Woodham, Weybridge, Surrey.

PONTRILAS (N), Wyedean CC. Details: G. Rogers, 68 Swift Street, Gloucester.

8th
LLANGOLLEN TOWN, British Open. Details: P. Goodwin, Woodendale Cottage, Maer Hills, Baldwins Gate, Newcastle-under-Lyme, Staffs.

15th
BUILT WELLS (2nd), Worcester CC. Details: G. Jones, 33 Hill Top Avenue, Bewdley, Worcester.

POTARCH (3rd/4th), Aberdeen Univ. CC. Details: A.S. Florence, Butchart Recreation Centre, University Road, Aberdeen, Scotland.

CARLISLE (4th/N), Carlisle CC. Details: A.J. Yates, 2 Liddle Close, Lowry Hill, Carlisle, Cumbria.

22nd
LLANDYSSUL (2nd), Bristol CC. Details: A.E. Cox, Windrush, Stanhalls Lane, Felton, Bristol, Avon.

DARLEY ABBEY (4th), Midland CC. Details: J. Nelson, 30 Weirfield Road, Darley Abbey, Derby.

COMRIE (4th/N), Glasgow Univ. CC. Details: G. Cleland, Glasgow Univ. CC., Stevenson Building, Glasgow.

NOVEMBER

5th
LUDLOW (3rd), Birmingham CC. Details: Slalom Sec. 6 Ferndale Park, Pedmore, Stowbridge, West Midlands.

12th
DEVERON (N).

SCOTTISH RACING

APRIL

15th
REGATTA, Strathclyde Park. Scottish Championships for K1 10,000m (Scottish confined). Details: D. Samuel, Auchengillan, Blanefield, Glasgow G63 9AU.

MAY

20th
REGATTA, Strathclyde Park. Scottish National Championships (Scottish confined). Details: D. Samuel, Auchengillan, Blanefield, Glasgow G63 9AU.

JULY

29th/30th
HOME COUNTRIES INTERNATIONAL, Strathclyde Park. (British K2 10,000m Championships) Details: D. Samuel, Auchengillan, Blanefield, Glasgow G63 9AU.

AUGUST

19th
IRVINE REGATTA, Irvine. Details: W. McKinlay, 61 Hemphill View, Knockentiber, Kilmarnock, Ayrshire.

MARATHON

APRIL

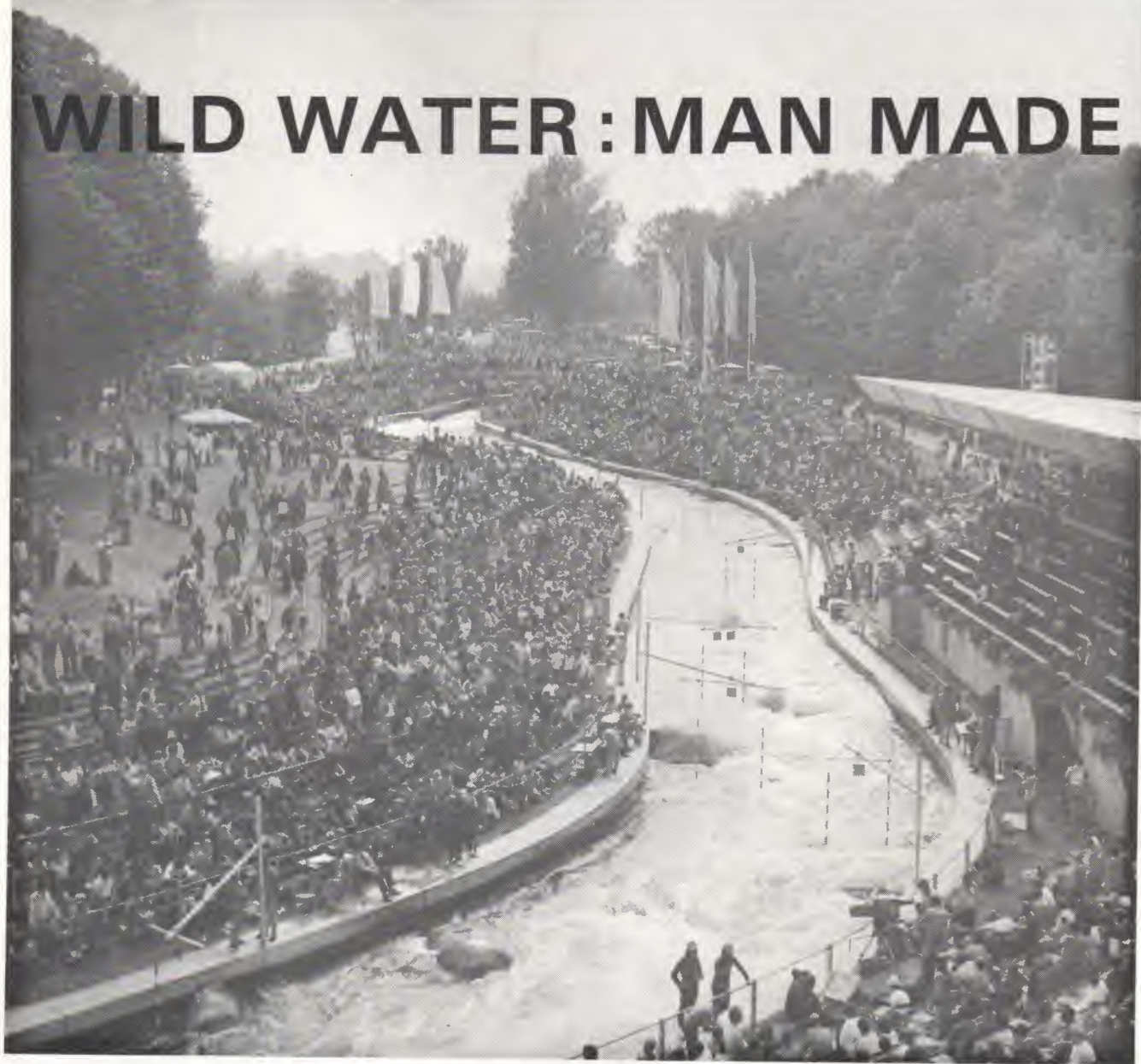
16th
RIVER TAY — River Leukaemia Sponsored Paddle and Race, (S12/J8) Details: I. Linn, 50 Kings Road, Edinburgh 16.

MAY

7th
RIVER TWEED — River (S12/J7) Details: D. Cuthill, 2 Merchiston Bank Avenue, Edinburgh 10.

14th
LOCH LUBNAIG — inland loch (S13/J6) Details: D. Samuel, Auchengillan, Blanefield, Glasgow G63 9AU.

WILD WATER: MAN MADE



Czechoslovakia builds artificial rough water slalom course.

The canoe events held at Augsburg for the Olympic Games of 1972, brought to wild water slalom a novelty — the artificial rough water course. Since then other such courses have been built, planned in detail, or proposed in other parts of Europe and on the North American Continent. A British rough water course at Holme Pierrepont, Nottingham is at present in the detailed planning stage. However, the latest country to follow West Germany with the construction of a specially designed course is Czechoslovakia, who have chosen two sites — one for a complete new course, the other the reconstruction of some old wooden raft sluices that will be adapted to meet the needs for canoe slalom practice.

The continuously increasing popularity of wild water canoeing and slalom competition in Czechoslovakia — especially in Prague, an area densely

populated, centre of Universities, and centre of the Czechoslovak top class, but with the lack of suitable rough water — was the main influence for the sighting and building of these two new sites.

The first slalom site will be at Troja — part of the city and near the centre of Prague — on the River Vltava. This is due to be opened during 1978, although some building was delayed due to the need to reconstruct an adjacent weir plus some extreme flood conditions during the summer of 1977.

Technical details: Vltava course — Length 350-metres but with provision for extending up to 450-metres for competition use: Width 11.5-metres: Total fall 3.5-metres: Average scope of flow rate over course 15 - 20 m³/s: Average depth 90 - 110cm: Maximum velocity 4.5m/s: Practical utilization

March to October. The water entry gate will be constructed with the use of an elongated rubber sealed chamber with four designed phases for water flow variation. Artificial obstacles will comprise eight different shaped concrete blocks both on the sides and centre bed of the course. In addition, there will be twenty variable rubber containers with a capacity of 1m³ or 2m³ which are moveable to some 70 different points on the course giving a wide range and flexibility of water conditions.

The second course will be at Zeliv, on the River Trnávka and situated some 100-km to the southeast of Prague, but accessible by motorway from the city. This is a completely new slalom site with the water gate entry made by a hydrostatic weir in the centre of a new water storage dam. For one using, the Water Authorities have calculated an allowance of up to 800,000m³ of water.



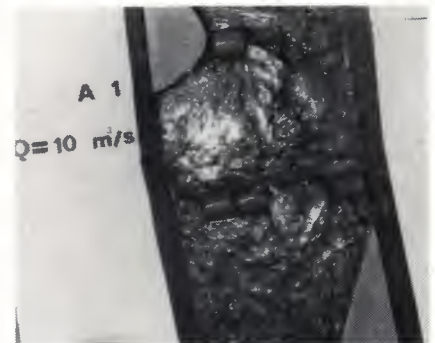
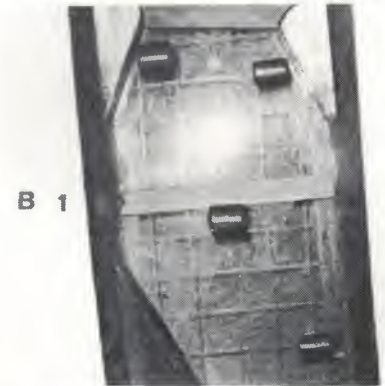
Technical details: Zeliv course - Length 570-metres: Width 10-metres: Total fall 11.6-metres: Highest incline 5.2%: Average scope of flow rate 10 - 20m³. The obstacles will again be of shaped concrete blocks and the rubber containers, the latter removable to give the greatest variation of water conditions. The course will also use different shaped sills in parts of the highest inclines to add artificial roughness.

At the present time the dam and entry gate are under construction, but the course has been completely designed in detail.

Both courses were model investigated at the Technical University of Prague, Faculty of Civil Engineering, Department of Hydraulics and hydrology, where two former world slalom champions are researchers. The models were made 1:50 for Vltava and 1:30 for Zeliv, while some details were scaled at 1:10. Both courses will be completely variable and suitable for novice paddlers (lower flow rate and easier position of rubber containers) as well as for expert paddlers and top class competitions (higher flow rate and suitable position of containers).

The Czechs certainly seem to have come up with a unique and very inexpensive obstacle in these rubber containers when compared with concrete obstacles. It's an idea that will allow them to totally change the water and wave conditions on any part of their courses.

report by Mike Clark,
after an article and details from
Jaroslav Pollert, CSc., Prague.



1. Building site in Prague - Troja. Artificial obstacles - concrete blocks are finished.
2. Rubber bag as new type of obstacles. Detail of anchor without safety hose.
3. Model of proposed course at Holme Pierrepont, Nottingham.
4. Main view on laboratory hydraulic flume with two parts of model for

5. Basic types of obstacles which are used in the design of the artificial slalom course Trnavka - concrete blocks, rubber bags (removable), and sills.
6. and 7. The flow in model under different discharge and position of obstacles.

The warm water and sun of high summer may seem to be many months away, but now is the time to plan that summer trip — clear skies, warm days, twinkling waters and super get away canoeing.

Judging by the number of articles that come in to Canoeing Magazine, Southern France and the French Alps are by far the most popular areas, for clubs, schools, youth groups, and individuals. The Ardeche, Tarn, Lot, and Dordogne of the Central Massif are all ideal for the novice canoeing group, while east of the Rhone Valley, rivers such as the Durance, Isere, or Verdon, offer exciting canoeing from Grade I to Grade V. The French Tourist Board supply a mass of information any particular area. Just write to the 'Syndicat D'Initiative' followed by the town nearest to the river you want to tour.

For those who want an organised holiday, there are a number of specialist firms in this field. Regularly featured on our Canoeing Magazine covers are photographs taken on the PGL Holidays. This firm offers packaged canoeing or multi-activity holidays on the Ardeche in Southern France, along with a canoe hire service for individuals or groups, and canoeing holidays here in Britain on the River Wye. The holidays are suitable for all ages — brochures from PGL Holidays.

North of the Ardeche area in France, a

South-East of Sweden and designed for canoeists of medium standard with experience of the outdoor life. The Varmland Tour starts from Torsby and includes instruction with canoeing of some 7 to 16 miles a day. Full details from Tor Line Ltd.

BRITISH TOURS

Here in Britain there are a large number and wide range of holidays or instructional packages to suit all tastes.

YHA Adventure Holidays operate four centres for canoeing in various parts of the country chosen for their suitability with regard to rivers, environment and accommodation.

STAUNTON-ON-WYE: The seven-day courses held on the River Wye are based on this 60-bed hostel. Like all YHA hostels it provides the type of accommodation the tired canoeist needs at the end of a day on the water. Good drying facilities and the room to store a fleet of Loisach slalom kayaks plus the fleet of special craft including K1, K2, C1, C2 and Espada.

The centre has a minibus which is used to enable the courses to visit different parts of the river or even the coast for canoe surfing, if conditions are right.

GOLANT — RIVER FOWEY: This beautiful manor house set in its own extensive grounds offers a less instructional holiday as befits the location in South Cornwall.

Canoeing takes place in the harbour

MALTON — NORTH YORKSHIRE:

This is the YHA Multi-Activity Centre and is situated on the banks of the River Derwent. The hostel has 74 beds and is staffed by outdoor enthusiasts whose aim is to encourage you to enjoy the countryside.

Canoeing takes place on the quiet waters of the River Derwent in Canoe Centre TS5 slalom kayaks, or Merano and Super 400's. The canoeing forms only part of a weeks course which includes Fossil Hunting, Cycling, Walking, and Pony Trekking. Most weeks are allocated to the under 16 years age range, but special weeks are run for adults.

All the courses run by the YHA include provision of lifejackets, waterproofs, and where appropriate, helmets. The YHA is not a commercial organisation and the wardens of hostels share the instructors enthusiasm in introducing people to this exciting sport. YHA Adventure Holiday brochure available free from YHA.

SPORTS COUNCIL — PLAS Y BRENNIN

There are few places in Europe which offer such a wide variety of exciting and enjoyable canoeing courses as Plas y Brenin, the Sport Council's National Centre for Mountain Activities



Ardeche France

in North Wales. Situated in the very heart of Snowdonia, the Centre is within easy reach of some of the best canoeing waters in the country

The sea cliffs around the Anglesey coast provide interesting and spectacular sea journeys, and many of the courses include and overnight camp on one of the many remote islands dotted along the coast. There are a number of excellent surfing beaches along the Llyn Peninsula, and on Anglesey, and learning to 'ride the waves' is always a popular activity on the courses.

The wild water canoeing in Snowdonia takes a lot of beating, and there are a number of very exciting rivers quite close to the Centre, something for beginner and expert alike from Grade I to Grade V . . .!

The Canoe Department at Plas y Brenin is run by Jim Hargreaves, who has canoed extensively in the British Isles, as well as America, Canada, and France. Jim was on the First British Grand Canyon Expedition to the Colorado, and, more recently, the British Kayak Expedition to Cape Horn. Recently appointed as a canoeing

HOLIDAY '78

Dutchman named Jan Wester specialises in similar canoe and multi-activity holidays, as well as canoe hire, on the River Dordogne.

The Dordogne runs through a beautiful valley that is famed for its caves, romantic castles and medieval villages such as Carennac and Sarlat. Man has lived here since prehistoric times and a wealth of drawings, engraving, paintings and sculptures have survived in the caves across thousands of years. The most famous pre-historic art can be found in the caves around Les Eyzies. Full details from Aqua Viva Adventure.

COOLER CLIMES

Although somewhat cooler than the area of the Tarn and Ardeche, Sweden is sometimes billed as Europe's last wilderness and offers rare opportunities for outdoor activity. Swedish ferry operator Tor Line in its established package holiday tours, has a number of specialist short tours for hikers and canoeists. Hiking is in the Varmland Wilderness and starts from the small town of Torsby some 200-miles from the port of entry — Gothenburg. Groups of between 12 to 18 persons will spend four nights covering the highlands of Fryken and Klaralven valleys close to the Norwegian border. Accommodation is in tents or log cabins.

The Swedish canoeing trip is in Canadian canoes and for five nights. One will be the Blekinge Tour in the

and estuary as well as on the coastal reaches of this sunny holiday area. The group size is restricted to a maximum of 12-persons with two instructors who are with the party for the whole of their stay at Penquite House.

PEN-Y-PASS — SNOWDONIA: This is the YHA Mountain Training Centre and specialises in group bookings and courses arranged for clubs, schools and other associations.

The Centre has its own fleet of kayaks plus transport to enable any type of water facility to be used — Sea Canoeing in the Menai Strait, Wild Water in the mountains, or Lake paddling for novices.

The unique quality of this Centre is the ability to offer any groups of activities that may be requested, ranging from Canoeing, Rock Climbing, Orienteering, Mountaineering, to Photography and Ecology among others. Groups from as small as four upwards will be catered for and the YHA can arrange for stays from two days to two weeks of required.

This is a Special Grade Hostel, more like a hotel, located at the foot of Snowdon. The courses based at Pen-Y-Pass are of a very high standard, using the best equipment and instruction available. Costs are worked out according to requirements and further details can be obtained direct from: *The Chief Instructor, Gerry Lynch, Pen-Y-Pass Hostel, Nant Gwynant, Caernarfon, Gwynedd.*

instructor at the Centre is Nigel Timmins, who also has a great deal of wild water experience, both at home and on the Continent. Nigel has canoed some very exacting water in his time, including the Verdon Gorge in France! The line up of instructors involved with canoeing at Plas y Brenin also includes Derek Mayes (First Irish Sea Crossing), Dave Alcock, Tim Jepson, Dave Walsh, and Ann Redman — an enthusiastic team!!!

A number of completely new courses are planned for 1978, and it is hoped that in the future there will be something for everyone — here is a run down on what is available:

GENERAL COURSES: For beginners, or those with limited experience. These courses offer an ideal introduction to canoeing on lakes, white water and the sea. The course will include an overnight camp given suitable conditions.

WILD WATER, SEA AND SURF: For those of medium ability. The proportion of canoeing under each heading will obviously depend upon the amount of rainfall, wind and swell during the course. An overnight camp is included if the weather is suitable.

WILD WATER: This new course is aimed at experienced canoeists who wish to improve their whitewater canoeing skills to a more advanced level. During the course instruction will be given in advanced wild water techniques on some of the best rapid rivers in North Wales. These courses are being run during the winter to take full advantage of the more reliable water conditions and to avoid the fishing season.

SPECIALIST SEA KAYAKING: Aimed at the sea enthusiast. During the course instruction will be given in up to date sea kayaking techniques including rescues, tidal planning and navigation. The course will also include surfing, coastal touring, and trips to some of the many islands around the North Wales coast.

ADVANCED KAYAK COACHING: A concentrated coaching course in advanced kayak paddling skills. One of the main features of this course will be an extensive wild water coaching session using video equipment, enabling paddlers to see themselves in action on rough water and closely analyse their own technique.

CANADIAN COACHING WEEKEND: A special introductory course in modern Canadian canoeing techniques, including basic strokes, moving water skills, and rolling in a heated pool.

ALPINE CANOEING COURSE: After proving so successful in 1977, this two-week course is included again for 1978. The course is designed for the capable wild water canoeist who wishes to extend his experience abroad. The course will travel to the French Alps to canoe on some of the most spectacular wild water rivers in Europe. Because of the difficult nature of the rivers and the standard of water which will be attempted (Grade III-V), it is important that applicants for this course should be able to roll.

In addition to the above courses, there are also courses aimed at BCU qualifications — Advanced Proficiency,



Above: Spey Scotland. Below: Canoeing on the River Wye, a YHA Eagle Adventure Holiday.



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NORTH OF THE BORDER

Scotland offers some of the finest rough water and touring rivers in Britain, as well as package and instructional holidays.

One of the main centres for canoeing is the Spey Valley. Here amid the beauty of the true highlands is the Loch Insh Canoeing School at Kincaig offering canoeing and sailing, also canoe hire. Included in the Loch Insh programme is the 'Great Glen Expedition' — a canoe trip along one of Scotland's finest waterways from Fort William to Inverness. Just a few miles down the road is the Aviemore Centre — again Canoeing and a whole range of Mountain Activities.

USEFUL ADDRESSES

For details on adventure holidays, instructional courses and canoe hire of those featured above and of other

outdoor centres, write to the following addresses:

Aqua Viva Adventure Club, Carsac, 24200 — Sarlat, France.

Bowles Outdoor Pursuits Centre, Eridge, Nr Tunbridge Wells, Kent.

Cairngorm Canoeing & Sailing School, Irish Hall, Kincaig, Inverness-shire, Scotland.

Loch Eil Centre, Achdaliu, Fort William, Inverness-shire, Scotland.

PGL Adventure Holidays Ltd., (382) Station Street, Ross-on-Wye, Herefordshire.

Plas y Brenin, National Centre for Mountain Activities, Capel Curig, Gwynedd, North Wales.

Tor Line Ltd., Anzani House, Trinity Avenue, Felixstowe, Suffolk.

YHA Adventure Holidays, Dept. CE, Trevelyan House, 8 St. Stephens Hill, St. Albans, Herts.

Yorkshire Field Studies Trust, Larpool Hall, Whitby, Yorkshire.

The Sports Council, 70 Brompton Road, London SW3 1DT.

The Scottish Sports Council, 1 St. Colme Street, Edinburgh, Scotland.



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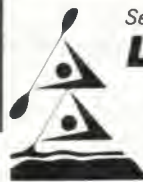
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