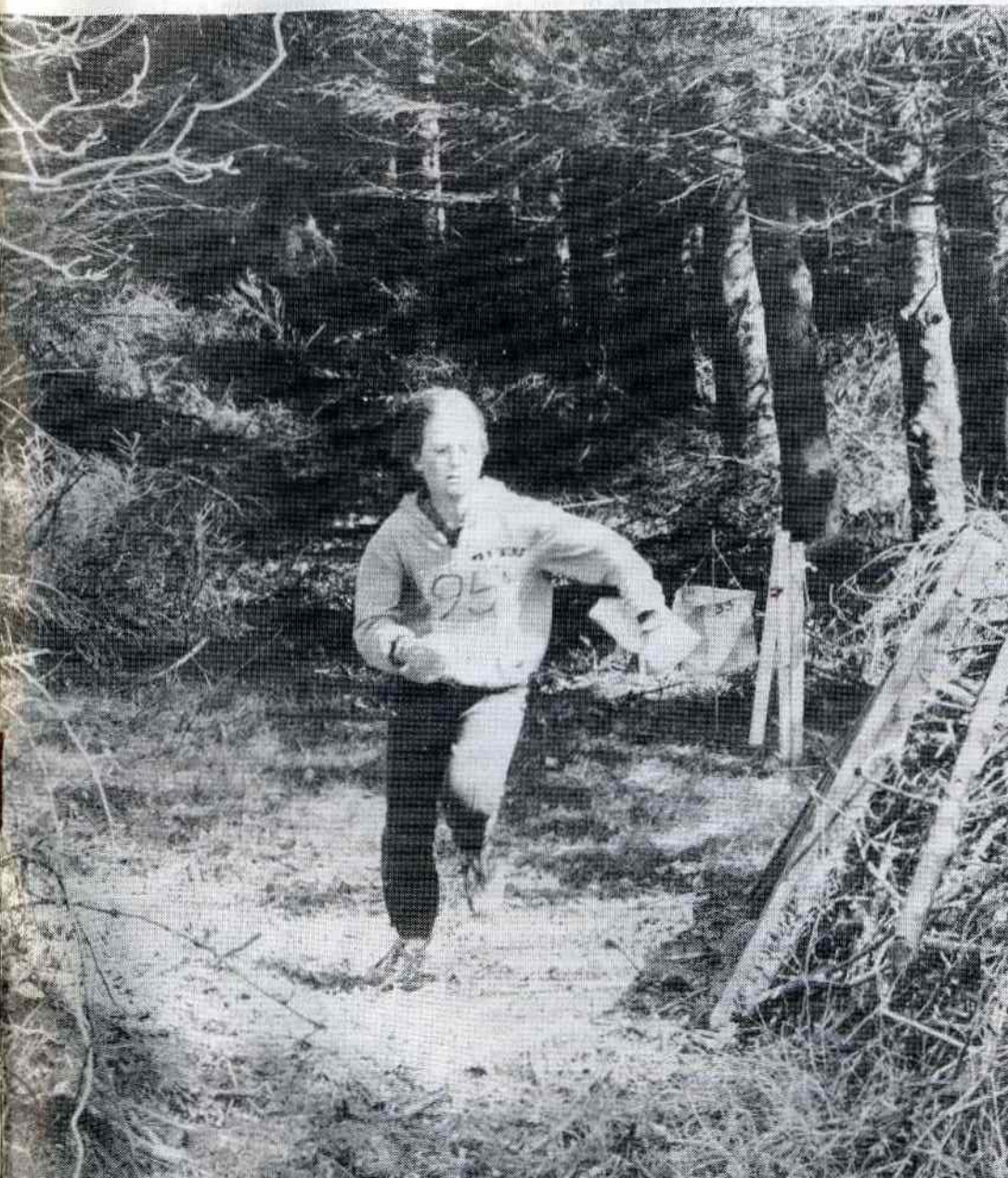
the Irish Orienteer

NUMBER 6 JULY 1983



THE IRISH ORIENTEER NO.6 JULY 1983

The "Irish Orienteer" is published at two-monthly intervals and is obtainable through all Irish O-clubs' secretaries. All material concerning orienteering, including photographs, will be gratefully received by the editor, John McCullough, 34 Dun Emer Drive, Sandyford Road, Dublin 14.

The next issue of the "Irish Orienteer" will be published in early September 1983. Copy should reach the editor BEFORE 19 AUGUST.

The copy dates for the remaining issues for 1983 are shown below:

ISSUE NUMBER	COPY DATE
7	19 August
8	28 October
9	23 December

The copy date is the LATEST DATE for the receipt of camera-ready copy.

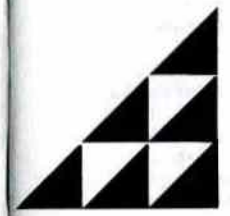
A charge of £5.00 per page is made for the inclusion of results.

The opinions expressed in the Irish Orienteer are not necessarily those of the editor or of any orienteering organisation. While every effort is made to ensure the accuracy of the information contained in the Irish Orienteer, no responsibility can be accepted for errors or omissions.

FIXTURES JULY-OCTOBER 1983

July	* 6	Bishopstown, Cork city. Start 17.30-20.00	3	Cork O
	*12	Marlay Park, Co.Dublin. Start 19.00-19.45	3	AJAX
	*26	Larch Hill, Co.Dublin. Start 19.00-19.45	3	AJAX
August	* 3	The Lough & City Centre (Hawthorn Bar)	3	Cork O
	*27	Fanore, Co. Clare. Evening Event.	3	ThO
	28	Burren Walk, Fanore, Co. Clare.		ThO
September	* 4	Kinsale, Co.Cork. Street event.	3	Cork O
	*11	Currabinny, Co.Cork	-	Cork O
	*11	Carrigolligan, Co.Dublin. Colour Event.	3	SET
	17	NIOA Championships, Gortnamoyagh, Co.Derry.	1	NWOC
	18	Handicap Relays, Gortnamoyagh, Co.Derry.	-	NWOC
	*18	Gougane Barra, Co.Cork.	-	Cork O
	25	NATIONAL ORIENTEERING DAY. Local events.	-	-
October	2	Castlefreke, Co.Cork. Munster League event.	2	Lee O
	2	Castle Bernard, Kinnitty, Co.Offaly.	2	ECO
	* 2	Ballinascorney, Co.Dublin. Colour Event.	3	SET
	9	Massey's Estate, Co. Dublin.	2	MPO
	* 9	Munster Championships, Glengarra, Co.Tipp.	1	Cork O
	16	Leinster Relay Championships, Kilcooley, Co. Tipperary.	1	CO
	16	Tralee, Co.Kerry.	-	KO
	15-16	AFAS Intermediate O-Course, Co. Tipperary.	-	AFAS
	23	Seefin, Kilavullen, Co. Cork.	-	UCCO
	23	Coole Park, Gort, Co. Galway.		
	*23	Pine Forest, Co. Dublin.	2	3ROC
	*30	Shippool, Co. Cork.	-	Cork O

Events marked "*" are registered with the Irish Orienteering Association and are covered by the IOA Public Liability Insurance policy.



Letters to the Editor

Irish Orienteering Association

36, Wedgewood Estate
Sandyford Rd.,
Dublin 14

For some time now the IOA has been aware of the need to help our Junior Orienteers. At a recent meeting this whole area was discussed and plans and policies put forward. In short, we feel that the way to get to the Juniors is through the existing clubs who can help in the following ways:

(1) Contact schools, youth clubs and scout groups in your area and, if possible, find a person in each organisation who will liaise with the club.
(2) Provide group membership of the club.
(3) Provide instructional courses for any teachers, youth leaders and scout masters who are prepared to get involved.
(4) Provide local events for children in simple areas with easy courses. Cut out travel as much as possible by mapping local parks and school grounds. Maps should be of good standard, nonetheless, and if possible in colour.
(5) Give the children incentives- small prizes, organise leagues, provide novelty events and try out new ideas.
(6) Make available to interested groups literature on how to start and run small events, equipment to use, how to manage a course, lists of Orienteering areas and maps, lists of events coming up that are suitable and people to contact at club level and IOA level.
(7) Provide instructional courses for children. These could make use of hostels where Orienteering is now available: Glendalough, Aughavannagh, Limerick, Cork, Ballydavid, Cappanalea, Omeath and shortly at Tiglin, Glencree/Knockree, Killary Harbour & Mountain Lodge.
(8) Encourage in the children respect for good Orienteering procedure, respect for property and an awareness of nature.

While no one expects miracles we feel that if each club makes some move in these directions and becomes a bit more aware of its Junior members then a lot of good can be done. There is great potential in introducing Orienteering to young people and its in the hands of those who know about the sport to make the first move.

If I can help in any way just write to me at the above address.

Larry Roe.

The Editor,
Irish Orienteer.

40 College Park,
Corbally,
Limerick.

Dear Sir,

As planner of IOC 83 I was sorry to read that Joss Lynam was less than satisfied with his course this year. Whereas I would have liked everyone to enjoy their championship courses I doubt if Joss's implied improvements would have had this effect. A course 25% longer might have pleased Joss but what would be the opinion of the person who finished say 5th? And what about the W43's and W50's further down the order? I realise that some of Joss's criticism could be met by having the M56 class a separate course but I feel that even in the National Championships a course planned for 6 or 7 competitors is a luxury. I have spoken to Diana and found that she was, in fact, quite satisfied with the length of the course.

On the general criticism of too few controls and too short a course I can only state my own theory of course planning - a theory which conforms very much with most book-writing experts.

Orienteering, I believe is 'Navigation on the Run'. If a course is too long for a competitor to run all the way this criterion is not met. Because of this experts have calculated the recommended winning times for all classes. These wereused to plan the IOC 83 courses. I was most successful - as was to be expected - in the M21A class (97% of recommended winning time) and W19A (102%) The majority of winning times were greater than recommended - in general approximately 25% greater. The W43 winning time was 130% of recommended and the M 56 107% - note that though the latter was shorter than the average it was still greater than recommended.

Ideally a perfect leg involves choosing the fastest route from among many options and careful navigation along that route. Finding the control at the end of the leg plays a small part. In general the longer the leg the more route choice there will be and of course long legs lead to few controls. Having said that, I must add that Diane has a point when she says that in a rough area - as Ballyhourigan - more controls are needed to keep the interest up.

I'm afraid if Joss wants a longer, tougher course he'll just have to run M50. Otherwise if he lets me know he is coming to a ThO event I'll set him a course of his own and then we'll test him!

Yours faithfully,

Alan Shaw

Birr,
Co. Offaly
15.5.83

Dear Sir,

I vas reading ze newsletter and in it you vas saying vot you vas vanting atypeviter in German,

Vot is ze chance of me vetting ze job vow vat you have been seeing vis exanval of my vork.

Vours faithfully,
ED. Niland.

SAVE THE PHOTOGRAMMETRIST!

PART 2

Those of you who have been following my appeal, in the last issue, to save the Photogrammetrist, will be interested to hear that one of the many-armed species was spotted by Joss Lynam on one of his Himalayan Expeditions. He believes now that it was probably limbering up outside its fiducial point. His photograph opposite, is probably unique.

On table 1, I give a resumé of some of the sources of vertical aerial photography available in Ireland. There is in fact a lot of photography available in addition to that shown, and it is really extraordinary that a lot of the photography taken by the Air Corps and by private companies has never been indexed.

The photogrammetrist has a dual function: the first of these is to translate the three dimensional model which he sees into a planimetrically accurate map. He needs photographs of a suitable scale and quality (table 2), an accurate base-map, and payment appropriate to the amount of time he is going to spend on the job. His second function is to interpret the aerial photographs so that he knows what detail to put on to the map. If you ask for turf-cuttings to be marked, he must know what these will look like on the photographs. Look directly down on people from an upstairs window and you will appreciate how difficult they are to identify.

Photo-interpretation is a science on its own, and photogrammetrists rapidly gain a wide experience in recognising features by their shape, tone, or even shadows . Even so, the person with local knowledge will often be able to contribute extra information: 'I'd know Grandpa by his bald-patch anywhere'. A request for photogrammetry should, ideally, be accompanied by as thorough an interpretation of the photographs as possible. This will be useful to the photogrammetrist and a great help in mapping later.

It is a good idea therefor to acquire prints of the photographs to be used well in advance. The photogrammetrist will need prints as well as diapositives anyway. I am a great believer in enlargements to the mapping scale if possible, even though these are rather expensive. (I gave enlargement factors to 1:7,500 in the last issue). When we take these into the forest (suitably protected) we begin to realise what the photogrammetrist has to contend with. A section of the forest may have been clear-felled or trees which were young when the photographs were taken may have grown up. Trees may completely conceal

TABLE 1 Some sources of Aerial Photography

Geological Survey 1973-77. Whole of Republic flown at 1:30,000. Available from Geological or Ordnance Surveys. High quality and cheap.

Air Corps 1950s. Coastal areas at 1:10560 (6":1mile). Scale good may pre-date planting vis. Curracloe, quality fair. View at Geological Survey order from Dept. Defence, Park Gate. Air Corps has large store of un-indexed photography.

Ordnance Survey, Phoenix Park. Hold negatives from a number of local surveys, mostly city areas at large scale.

Ordnance Survey of Northern Ireland. Hold coverage of many areas in the North.

Irish Air Surveys, Balgriffin, associated with B.K.S. Coleraine. Coverage of city areas and other commercial surveys.

Land Surveys, Ballinteer. Six inch photography of Dublin, Kildare etc.

Hunting Surveys, UK. Coverage of parts of Ireland incl. W.Clare at 20,000.

ground detail. Out of the mass of detail on the photographs we must now select what we want highlighted: open areas for intricate contour detail, areas where vegetation changes are important, blocks in which direction of planting will be significant or in which we know of ground detail which he may be able to spot from varying tree heights. The interpretation may be copied onto good xerox copies of the prints, or prepared as overlays on overhead-projector film using rapidograph with red diazo ink. The photogrammetrist will also need the diapositives and the original Ordnance Survey sheets of the area. Now is the time to discuss the map with the photogrammetrist to establish the exact area to be mapped, the scale for the final drawing and the contour interval. I would not recommend a scale over x5 as you will either be asking too much of the photographs or attempting to put in too much detail.

There are advantages in selecting a photogrammetrist from among the international orienteering service companies, as they are used to orienteering work and will supply a very high quality product. However several local photogrammetrists are now doing excellent orienteering work, with the adavantges of slightly lower prices and the possiblity of discussing the work in detail as it proceeds. Whoever you go to remember that you are committing a large chunk of orienteering funds to the job. As you are entering into a commercial contract, explain exactly what you want, the photogrammetrist will then quote you a price for the job. If the results are not satisfactory, send it back, and discuss the problem. If it is possible to improve the product, he will do so; you will have a better map and he will know what is needed next time.

When you get your plot back it may be necessary to do a little best-fit work due to photographic distortion in enlarging your base-map. When the photogrammetry and the O.S. map detail have been combined you may start mapping in the field. The object now is to add new detail and correct the base map. Old walls may now be ruined, re-entrants may need to be exaggerated, vegetation changes may or may not denote runability changes. NEVER map on the O.S. base and add the photogrammetry later. Every contour and gully must be checked and re-modelled if necessary to reflect the orienteer's view from the ground.

At the mapping stage prints and enlargements help again. Ordinary snap-shots of steep slopes can help to sort out crag details, for example. Oblique aerial photographs can also help. Infact it is reported that Ajax initiates have to do at least one sortie strapped to the belly of a Jumbo jet with the club instamatic. Rumours that Eoin was emigrating to Canada originated when his Jumbo over-shot Shannon on its way to Montreal; he returned via Gander (a cheap swan Ed.).

The final question to be asked is whether you need photogrammetry at all. In flat areas of little relief the answer is probably no.

O'ld Lag.

TABLE 2 Suitability of photographic scales for Orienteering

1:30,000	Scale too small for Grade 1 contouring except on open ground. Ground revision essential. Enlargements useful as little distortion over flat ground. Contour at 5m.
1:25,000 / 1:20,000	Scale improves steadily over this range. Contour detail good at 20,000; fine detail emerging. Contour at 2.5m.
1:15,000	Probably the ideal scale. All necessary detail visible. Not too many over-laps. Contour down to 1.5m.
1,10,000 / 1:10,560	Visible detail fantastic (Curracloe). Overlap only 3-3.5km^2. Contour to 1m.
1: 7,500	Too large for most purposes but good for park & estate maps.

1983 MUNSTER CHAMPIONSHIPS

The 1983 Munster Orienteering Championships will be held on Sunday October 9th at Glengarra Wood, on the southern slopes of the Galtee Mountains, in Co. Tipperary. The event is being organised by Cork Orienteers, and the closing date for entries will be September 11th.

The forest, which surrounds Mountain Lodge youth hostel, is now out of bounds.

Entry forms will be available through club secretaries or from the organiser, Frank Cunnane, Knocknarea, 4 Barnstead Avenue, Blackrock, Cork, after August 22nd.

The map, representing an area of 12 km^2 is based on a 1983 photo-grammetric plot by David Laverty, and is at 1:15 000 scale with 5m contours. The course planner is Sean Cotter (Cork O) and the controller Catherine Murtagh (SET).

* * *

ODDS AND ENDS AND ODDS...IOA Development meeting planned for October on the day before Leinster Relays. Chris James of BOF and IOF to attend... JK '84 to be held in North Wales, event centre Bangor, events near Capel Curig...This year the World Championships will feature selection races for the first time- each country guaranteed 1 man and 1 woman in final...Lug Relays won by Ajax from 3ROC in new record just under 5 hours...Irish WOC squad put through their paces at Moydamlaght recently on 16km and 8km courses - and that was just the climb!...Orienteering featured in recent "Running" magazine, and Justin May in July"Irish Runner"...Coming WOC's are 1984 Ski-O in Italy, 1985 Foot-O in Australia, and 1987 Foot-O probably in France...Irish WOC Team to be announced in early July...Fund-raising going ahead slowly: 3ROC's sponsored score event in Phoenix Park should raise £1000 IF you all pay up...Locations of National O-Day events will be published in September issue. Venues so far are Tobberoe, Athenry, Co. Galway; Little Killary, Co. Galway; Moore Park, Monasterevan, Co. Kildare; Massey's Estate, Co. Dublin; Phoenix Park, Dublin; and Kilmashogue, Co. Dublin...Entries are still being accepted from clubs for the Compass-Sport Cup/Irish Orienteer Trophy competition. Contact Ronan Cleary, 16 Dodder Park Road, Dublin 14...Clubs entered are Ajax, 3ROC, WEO, GEN SET and ECO...Junior International to be held at Glencree 2-Day in November. If you can help with anything, contact Larry Roe (address elsewhere in newsletter)...IOF Congress plans going ahead at full steam, but the date for the IOF Council meeting has been put back to next Spring... IOA now has controls and punches on sale for immediate delivery. Contact David Quinn at 01-691313...IHRA Lug Relay date changed as predicted in last TIO...Leinster v London competition likely this year at the November Classic event on Nov. 6 in London, with return match the next weekend at the Leinster Two-Day. Any Dinner this year, Leinster?...

THREE ROCK ORIENTEERING CLUB

The sponsored score event in the Phoenix Park on May 15th was a resounding success: we hope it will raise £1 000 for the International Competitions Fund towards the World Championships. There was a great response from all orienteers, especially from our own club. Thanks to all who supported the venture.

Ex-Secretary Avril Sloane has left us for Australia for the summer- as if one winter each year isn't enough! We are daily awaiting intelligences about preparations for the 1985 World Championships.

The social whirl that is life in 3ROC continues each last-Thursday-night-of-the-month at Revels in Rathfarnham village, upstairs, from about 20.30hrs.

Two recent 3ROC efforts have ended in ignominy: the club's trip to the Harvester Trophy overnight relay in England, and the IHRA Lug Relays. At the Harvester we had two bad runs (one more than in previous years) and finished well down the field, but the team of McCullough, Cleary, Dalby, Kernan, Phelan, Creagh and Malone M.enjoyed the experience. The team manager for the trip was Secretary McAuliffe. The event was won by Arsunda of Sweden, who were disqualified last year. The second unsuccessful outing was the IHRA Lug Relay in which we finished second to Ajax who set a new course record. The 3ROC team was John McCullough, Barry Dalby and Peter Kernan. The winning time was 4 hrs 59 mins.

3ROC have again entered the CompassSport Cup which this year will have an extra (Irish) dimension which should ensure 3ROC a place in the Final, meaning only one trip abroad.

Club tracksuits are still available in a variety of sizes from Brigid Flanagan (980928) at around £10. Some English imposters have adopted our familiar red and black colour scheme. Legal action is being considered. 3ROC T-shirts are now available from Nuala Creagh (908982) at £2.00 each. An order is currently being assembled for a new batch of club O-suits: Ronan Cleary has the details and the samples.

The most recent "Irish Runner" featured our National Champion Justin May in a full page feature on orienteering. The same Justin has also been invited to take part in the Superstars competition to take place in August: we wish him the best of luck, and a trip to New Zealand when he wins. Watch out for him on TV.

Several club members are travelling abroad during the summer: Sweden and Scotland are the main destinations. Reports and maps will be available at the August Club Night at Revels in Rathfarnham.

Training continues each Wednesday from the SW-most car park at Marlay at 6.30 pm. All members are welcome. Further training events are planned in the near future- training officer Pat McManus is the mastermind behind them.

Mapping, of course, continues, with the revised Three Rock map nearing completion and work progressing on other areas in Dublin and Wicklow.

Our next events are planned for September 25th (National O-Day) at Phoenix Park and the new Kilmashogue map. As many members as possible will be needed to help at these introductory events.After that our next ventures are on October 23 at Pine Forest, and December 26, also at Pine Forest for the Christmas Score Event. A night event or two in the early winter is a likely inclusion, also: watch this space..

CONNACHT REGION NEWS

At the last Meeting of the Connacht Region Orienteering Council, the results of the Connacht League were announced. University College Galway won the team award, with Custume Orienteers B (Longford section) runners up. Individual results were as follows:-

The following fixtures were then agreed :-

Connacht Orienteering League Events 1983/'84

Sunday 23rd October '83	-	Coole Park, Gort	GRTC
Sunday 6th November '83	-	Mountbellew Co. Galway	UCGO
Sunday 20th November '83	-	Kylebrack, Loughrea,	Custume Orienteers
Sunday 11th December '83	-	Little Killary, Connamara	LKAC
Sunday 22nd January '84	-	Mountbellew, Co. Galway	Custume Orienteers
Sunday 12th February '84	-	Kylebrack, Loughrea	UCGO

Connacht Championships 1984

Saturday 3rd March — Venue undecided (Relay) WE
Sunday 4th March — Ballygar, Co. Galway (Individual) WE

M 19	1.	M. Kiernan	UCG	221 pts	M 21	1.	Padraic Higgins	WE 186 pts
	2.	Michael Cahalan	WE	249 pts		2.	Paul Monaghan	WE 200 pts
M 17	1.	Tommy Cahalan	WE	201 pts		3.	John Crowley	UCG 203 pts
W 19	1.	Clare Monaghan	WE	204 pts	M 35	1.	Frank Ryan	WE 174 pts
	2.	Noreena Ruane	WE	239 pts		2.	P.J. Harris	Custume 303 pts
						3.	Noel Donagh	Custume 314 pts
W 17	1.	Sarah Walsh	UCG	418 pts	M 50	1.	T. O'Duinn	Custume 212 pts

The scoring system for the Inter-Club award was discussed and it was decided to adopt the system used in the Interprovincial, for the coming year, as this would allow club members to compete on the course for their class, and still score in the team competition. Course lengths for classes to be in accordance with I.O.A. recommendations.

RULES

(1) Points will be awarded to all team members, on successful completion of their course, based on the following formula;

$$\frac{\text{Class standard time}}{\text{Competitors time}} \times 1000 \quad \text{(decimal pts ignored)}$$

(2) The class standard time, based on B.O.F. guidelines, will be calculated as follows;
Course length is the straight line distance from the start to the last control plus the run-in, plus four times the climb.
Standard time is the course length multiplied by the class speed as given below:-

M 56	12½ min/Km	W 50	18 min/Km
M 50	11 "	W 43	16 "
M 43	9½ "	W 35	13 "
M 35	8 "	W 19	10 "
M 21	7 "	W 17	12½ "
M 19	8 "	W 15	12½ "
M 17	8½ "	W 13	15 "
M 15	9 "	W 11	20 "
M 13	10 "	W 10	22 "
M 11	12½ "		
M 10	14 "		

setanta orienteers

CLUB NIGHTS

On the first Wednesday of each month, starting in September, Setanta O.C. will be holding a "Club Night" in Rathgar. (The exact location will be announced later.) Members are very welcome to come along and get to know each other better. We will try to cover various orienteering themes each evening to make the gathering interesting and informative, as well as a social occasion. There will be refreshments also!

SETANTA MOUNTAIN MARATHON

This event was held on Sunday, 26th June, starting at the Glendalough car park. Pat Redmond organised the event and put on 2 very enjoyable courses, and even managed to arrange for good weather! "Well done!" - to those who ran in the Lug Relays on Saturday and then competed in the Mountain Marathon on Sunday! The proceeds from the event have been donated to the International Competitions Fund.

FORTHCOMING EVENTS

All members interested in helping out with our forthcoming events should contact the Secretary: Catherine Murtagh, 111 Haddington Road, Ballsbridge, Dublin 4. (682951). The events are:-

September 11th	- Colour Event	- Carrickgollogan.
September 25th	- National O'Day	- Massey's Estate & Hellfire Club Wood.
October 2nd	- Colour Event	- Ballinascorney.
December 11th	- Grade 1 event	- Cronybyrne & Ballinastraw.

COMPASS SPORT CUP

The Club has entered for this competition - so we're working towards good Setanta performance in ALL classes for the coming season.

RESULTS of SETANTA MOUNTAIN MARATHON - 26/06/83

A Course: 17.3k, 3000 feet.

1.	W. Young	CURR	127.20
2.	P. Healy	CURR	142.07
3.	R. Bryson	AJAX	148.34
4.	N. Rice	AJAX	164.40
5.	T. Russell	ECO	167.03
6.	B. Phelan	3ROC	172.00
7.	D. Creagh	3ROC	181.30
8.	C. Tyner	3ROC	192.00
9.	E. Loughman	GEN	207.18
10.	J. McElhinney	SET	209.18
11.	D. Quinn	GEN	209.40
12.	J. Kehoe	SET	217.38
T. McGrath	3ROC	Retired.	

B Course: 12.7k, 2500 feet.

1.	K. Walsh	SET	133.35
2.	J. Bent	SET	135.50
3.	A. Bonar Law	GEN	155.46
4.	P. Smyth	UCDO	174.50
5.	P. Walsh	SET	189.50
6.	W. Kee	SET	192.40
7.	M. McElhinney	SET	206.50
8.	B. Flanagan	3ROC	219.16
9.	P. Brennan	SET	231.41
10.	N. Creagh	3ROC	239.30
11.	J. Nichous	GEN	305.40
	C. Bonar Law	GEN	305.40
13.	V. Hamilton	GEN	306.00
14.	D. Large	GEN	342.30
	H. Newman	GEN	342.30
	J. Newman	GEN	342.30
S. Walsh	SET	Retired.	
E. Bell	GEN	Retired.	
C. Walsh	SET	Retired.	
C. Maguire	SET	Retired.	

UCD ORIENTEERS

The 1983/84 Committee is:

Hon. President	: Ted McGrath.
Hon. Treasurer	: Therese Meagher.
Captain	: Tara Horan, 11 Sweetmount Park, Dundrum, D.14 (983831)
Treasurer	: Martin Conlon, 64 Riverside Drive, Rathfarnham, Dublin 14 (909626)
Event Organiser	: Ciaran Fletcher, 21 Hazelbrook Drive, Terenure, Dublin 6. (908648)
Secretary	: Ross Stanley, 15 Stillorgan Park, Blackrock, Co. Dublin. (889234)
Social Sec.	: Ide ni Dhonnchadha, 9 Woodbine Park, Dublin 4. (692248)

Enquiries may be directed to any of the above, or toUCDO, Box J, Arts Building, Belfield, Dublin 4.
We extend our congratulations to Willie McAuliffe who won thw AIB Sport-Star Award for his contribution to the sport and for being one of the ten most outstanding sportsmen/women in UCD.

EVENTS IN BRIEF:

Stradbally, Co. Laois. Curragh Orienteers Grade 1, May 1st.
Small, steep, muddy forest near picturesque village. Much criss-crossing on longer courses, necessitating map exchange and many manned controls. Weather appalling, so many non- or unhappy- finishers. Some dubious results (known non-finishers shown with excellent times) and one doubtful control on a crag near one which was on the map reduced the overall quality of the event. Not a forest to which many will want to return.

Kilcooley Abbey, Co. Tipperary. Curragh Orienteers Grade 1 event, 22.5.'83
An excellent new map at 1:15 000 of an area last used six years ago provided interesting orienteering over a very flat area surrounding some farmland and a lake. All courses quite long but with little climb, giving advantages to fast runners. Route choice important on many legs (roads v straight), with fight and felled areas being the main obstacles. No results yet available.

World Championship Squad selection event, Moydamlaght, Co. Derry. 11.6.'83
Gruelling courses (16km/660m for men, 9.8km/360m for women) with much climb-actual routes having as much as 1000m on the mens' course. Technically fairly easy with accurately sited controls (with one possible exception), the courses were divided into sections A, B & C with a common start, map-exchange and finish. Men did A,B,C, women A&C. The effect was to give split times at various points around the course. Fastest men were Wally Young (CO), Pat Healy (CO) and Eoin Rothery (Ajax), fastest women were Maura Thornhill (GEN), Roxanne White(SET) and Eileen Loughman (GEN). Not all the squad members attended, so the event can only be used as an indicator of present form. Aonghus OCleirigh (CO) has withdrawn from the WOC Squad because of injury.

AJAX NEWS

-Tara Horan.

From the newsdesk of the club of Ireland's "Star Orienteers", we issue sincere apoligies for having deprived all our regular readers of our stimulating news in the last issue of T.I.O. However we offer no excuses beyond that of our human weaknesses (something we never before claimed to have).

An AJAX warm welcome (and that's very warm) is extended to our two latest new members, Doug Corrie (M21) and Michelle Larkin (W11).We look to Doug to do great things in the future and congratulate Michelle on her dramatic entree into the orienteering scene as her clear win at the Kilcooley Grade 1 demonstrates.

New members are welcome as always, just speak to any AJAX member or write to our friendly and efficient secretary Hilary McCutcheon,

2, Dargle Road,
Blackrock,
Co. Dublin.
PH. 895970.

After mediocre success in the early events of the compact Irish 'O' season (even "stars" have off days), AJAX came through with some fine firsts in the later events with Eoin, Orla and Deirdre all proving their abilities.

In the Hillrunning field we have not let down our fine reputation, especially at the Lugnaquilla relay where the lads defeated last years winning team 3roc. May the summer's races show equally good results.

The KANGAROO PARK LEAGUE has been hopping along well, with familiar faces returning to each event as well as many newcomers who welcome the oppertunity to try orienteering so close to home. News of the overall winners of the league will be available in the next issue, (as long as our human weaknesses don't hinder us once more).

MAPPING -any volunteers for relaxing outdoor enjoyment for these fine summer days should contact Paddy. You too can have a tan like his .

Good luck to all intending to compete in Sweden, Scotland and elsewhere during the summer. Please inform the committee of tour travel intentions in order that we may fix amounts for travel subsidies. All seemed pleased with the JK subsidy, any comments on its adequacy would be welcomed by the committee.

And now as I contemplate a cup of coffee and wish for one of Eoin's oatmeal cookies, I leave the newsdesk until....who knows when?

THOMOND ORIENTEERS

ThO

Now that the Irish Championships are over and summer has more or less come mapping is in full swing. Fiona McGoldrick and Plassey Orienteers are mapping in Foynes and Richard Hayes has completed the map of Crescent Comprehensive. A black and white map of the latter has already been produced and a colour one should appear in Autumn. Gay Dunne is working on St. Munchin's College and Alan Shaw is remapping Cratloe, taking in an area of mountain to the north of the wood.

The club is to launch a big drive for new members in September. Club membership has dropped very low but we are hoping that literature followed up by talks on the sport should get more orienteers out of the woodwork in schools and firms social clubs. A city the size of Limerick should be able to support an enormous club.

Planning is underway for the Burren Walk on Sunday, 28 August. This is an annual weekend event which has had great success. In addition to the Walks, there is an orienteering event at the Rabbit Warren, Fanore at 7.00 p.m. on the Saturday evening. On the Sunday there are three walks of 22 km, 15 km and 7km length. Fell-runners are welcome, records for A & B walk are 2 hours 18 minutes (Declan O'Callaghan 1980) and 82 minutes (Justin May 1982) respectively.

Camping facilities and hire of caravans are available at McCormack's Caravan Park (tel. Craggagh 215) and there is also a private hostel at FanoreBridge (Graham Poskitt, The Bridge Hostel, Fanore, Co. Clare).

Lost and unclaimed after the Irish Championships are the following:

A lunch box
Towel and track-suit (lower half) in plastic bag
Heavy fawn gent's sweater
Silva Compass

Fawn gent and others apply to Alan Shaw at 40 College Park, Corbally, Limerick (te. 061 43959)

Cover Photo: Tracey Eakin (3ROC) winning the Womens Under-15 Relay at the Irish Championships. (J.McCullough)

JUNIOR ORIENTEERING PAGE

This is the first of a regular page on Junior Orienteering. Future issues will contain interviews with some of our Juniors, tips on training and technique, suggestions on how your club can help you and, most important, views from those involved with Juniors and particularly from Juniors themselves. So get writing to me at 36, Wedgewood, Sandyford Rd., Dublin 14 and forward your suggestions and criticisms. Let us all know how you feel about the sport in Ireland today as it affects you.

For this article I thought it might be interesting to have a closer look as to how our Juniors did in 3 major competitions- the Irish, Leinster & Connaught Championships. To avoid complicated mathematical calculations I simply awarded points to the top ten finishers in each class as follows: Irish Champs: 20,17,15,12,10,8, 6,4,2,1 others: 15,13,11,9,7,5,4,3,2,1. Obviously those who competed in all 3 stood the best chance of scoring well. An adjustment was made for those who competed in a higher class.

CLASS	NAME	CLUB	EVENTS	PTS
W10	Karen Convery	3ROC	3	35
	D. Ryan	WE	2	32
	G. McManus	WE	1	13
	C. McManus	WE	1	11
W11	Carmel Malone	3ROC	2	30
	N. Ni hUigin	LeeO	2	27
	Niamh Shaw	Tho	1	20
	S. Calwell	NWOC	1	15
	P. McGaugan	NWOC	1	10
W13	Una Creagh	3ROC	3	50
	Tracy Eakin	WO	3	34
	Susan Tinto	NWOC	2	28
	Darina Cunnane	CorkO	2	26
	Hilde Creagh	3ROC	3	24
W15	Eleanor Flegg	SET	3	50
	Maire Convery	3ROC	3	33
	Aideen Morrish	LeeO	2	25
	K. Ruttledge	WO	2	20
	Vickie Whyte	NWOC	2	19
	Rona Yard	NWOC	1	17
W17	D. Ni Challanain	AJAX	2	32
	Ursula Morrish	LeeO	2	31
	Caitriona Morrish	LeeO	2	30
	Maeve Cunnane	CorkO	2	25
	Una Morrish	LeeO	1	17
	S. Clarke	WO	1	15

CLASS	NAME	CLUB	E'TS	pts.
M10	Peter Heffernan	NWOC	2	35
	Ted Russell	ECO	2	30
	J. Ryan	WE	2	30
	E. Niland	AJAX	1	12
	E. Shaw	Tho	1	10
M11	M. McGonigle	NWOC	1	20
	R. Mussen	LVO	1	17
	M. Logan	LVO	1	15
	S. Good	WO	1	13
M13	David Heffernan	NWOC	2	35
	P. Chilton	NWOC	2	26
	Gary Gordon	WPO	2	25
	Garient James	NWOC	2	25
	Aodan O hUigin	LeeO	2	19
M15	Feargus Barry	3ROC	3	40
	Rory Morrish	LeeO	2	32
	Darragh Stokes	3ROC	3	26
	Angus Tyner	3ROC	3	24
	Willie Edwards	CorkO	1	20
	James Logue	NWOC	2	15
	Dermot Simpson	NWOC	2	15
M17	John Riordan	LeeO	3	45
	Steven Linton	NWOC	2	35
	Mark Crowe	3ROC	3	23
	John Calnan	CorkO	2	21
	Martin Malone	3ROC	2	18
	Brendan O'Connor	3ROC	2	15

A few general remarks- there are 3 times as many Junior boys competing as girls (Irish Champs. 109 boys to 34 girls) so come on girls get cracking. Also the number of M/W 10 & 11 competing is about half the number that should. I would encourage all clubs to look a bit more closely at what they can do for their Juniors particularly with respect to the girls and the youngest age classes.

Finally, let me repeat my request that if Junior Orienteering is going to have its say then its the voice of you, the Juniors, that must be heard. So let the Orienteering world know how you feel about the sport.

LARRY ROE

IRISH HILL RUNNERS ASSOCIATION FIXTURES

July	10	Aughavannagh, Co.Wicklow. 13mls/3500 ft. Start near Youth Hostel, 1.30 pm. Record 2hrs 03mins (C.Rice 1981)
	16	Slieve Donard, Newcastle, Co.Down. 8mls/3000ft. 2.00pm.
	21 +	Glencullen Fraughan Festival race. Fox's pub, Glencullen, Co.Dublin. 7.00pm. 4mls/1000ft. Record 34.38 (G.McGrath '82)
	24	Seven Peaks Race, Galtee Mountains, Co.Tipperary. 11mls/4000ft
	28*+	Fairy Chase, Two Rock Mountain, Co.Dublin. Ticknock car park. 3mls/950ft. Record 22.12 (R.Bryson 1982)
Aug.	4*+	Prince William's Seat, Co.Dublin. 4mls/900ft. Glencullen. Record 24.26 (A.OCleirigh 1982)
	11*+	Seefingan, Ballinascorney, Co.Dublin. 8.5mls/2000ft. Record 63.50 (A.OCleirigh 1981)
	21	Glencree Circuit 13.6mls/3700ft. Curtlestown Wood. Record 138.38 (P.Kernan 1981)
	25*+	Djouce, Co.Wicklow. 5.5mls/1200ft. Lake Car Park, Long Hill. Record 38.46 (P.Farrelly 1982)
	28	Moyle Way, Co.Antrim.
	28	Burren Walk, Fanore, Co.Clare 22km.
Sept.	1*+	Glenasmole, Co.Dublin. Bohernabreena. 4mls/800ft. Record 29.01 (R.Bryson 1982)
	8+*	Tibradden, Co.Dublin. 4.3mls/900ft. Pine Forest.
	18	IHRA v NIFRA Challenge, Glen of Imaal, Co.Wicklow. 8mls/2400ft. Record 66.19 (C.Rice 1981)

* denotes a League Event (best 8 out of 13 races)
+ denotes an evening race (nominally 7pm). Weekend races nominally 1.30 pm.
Information from Paddy O'Brien (01-905059), Douglas Barry (01-868180), or Terry Eakin (Belfast 662082) (for NIFRA).

Dates, times etc. are liable to alteration, so check beforehand!

* * * * * *

EVENTS on Baggot Street Bridge on Sunday 12th June 1983 during the Women's 10km race, as seen by an orienteering lens.

Mary McElhinney (SET) leads from Carey May and a Katy Schilly who has never been seen orienteering. The camera never lies.

(Photo: Hugh Boyle, GEN)

CURRAGH NEWS

A new mapping service has opened up here in Ireland to rival a certain over-priced Scottish firm. It is being run by one of the real professionals in the business...P.J.Healy. Needless to remark, no credit extended.

Congratulations to Eoin Rothery and Maura Thornhill on their well-earned victories in Stradbally. And great value at that, with two pre-marked maps, all for £1. Pity about the rain, though. It seemed to put a number of top competitors off when they went a-hunting crags. I say, better luck next time, chappies! And good wins for Justin May and Deirdre ni Challanain in Kilcooley. Deirdre has left Ajax since to join the Curragh. Curragh News is investigating at present.

This year the Army team fly to Brazil for the CISM Championships in September (the REAL World Championships). Will it be the same old faces, or will Murph, the dark horse, make a late challenge?

This is the tenth anniversary of quality competitive orienteering in Ireland. It is no coincidence, either, that Walter C.Young has been on the orienteering scene for just ten years. Curragh News, in this issue, pays tribute to the man who, more than anyone else, shaped the sport in this country... and has made his presence felt ever since. The following interview was taken at the All Army Orienteering Championships at Kilworth where the Wal snatched his seventh All Army title in eight starts. The reporter is none other than Denis "Brazil" Murphy who has lately joined the Curragh News team:

The Wally Young Profile - The Orienteer's Orienteer.

Curragh News: Right, Wal. How did it all happen?

Wally Young : It all started when Donie Walsh just pipped me for a place on the Irish cross-country team in '73. I took a chance on an orienteering event at Seefin and ran a good third on the A course. I won the next event and, to be honest, Murph, I haven't looked back since.

C.N. You certainly made an immediate impact on the sport. The catchcry and certainly the ambition of every orienteer today is "to bate Wally Young and map half of Munster". Tell us how it's done.

W.Y. As a young lad (No more puns, please. Ed.) I used to wrestle under-age for Ireland. Ah shur it was savage crack altogether! I played the bit of Minor football then for the County. You wouldn't want to hold back, either, or they'd think you were soft. And, as you know yourself, Murph, working on the farm as a garsun taught you respect.

C.N. We country lads know what it's all about. "Gehup outa dat ye boyah!" But, Wal, what about technical training?

W.Y. Technical training?...Ah, shtopp it Murph...You go out there and you ate controls. Shur, for the World Champs in Switzerland I put a tenner's worth of petrol in the bus, drove to Kinnitty for the gallop, and ran a good twenty-seventh on that! Where would you be going, flying all over Europe like the Brits? Shur, they've got it all wrong!

C.N. What about fell-running as O-training?

W.Y. Ah there's no beating the gallop up the side of a slope of a Thursday evening. You go out there and you teach some of these young lads respect!

C.N. What do you like most about orienteering?

W.Y. To be honest with you, Murph, it has to be the Ajax Fan Club and the way they might keep you awake half the night. What's that you have there at all?...Sandwiches!...Murph, you're a saviour!

C.N. Well, actually, home cooked brown bread from Kilmanagh.

W.Y. Well, God bless Mrs. Murphy!

THE MAPPING OF CARRICKGOLLOGAN

Subtitle: "A Woman's Approach" or "How not to go about it and still get there" - DIANA LARGE (GEN)

This article is addressed to those without previous mapping experience, who may be too timid to try or else consider mapping to be wrapped in a veil of mystique which can only be pierced by those in high and lofty places, such as the Ordnance or Geological Survey or architects' drawing offices. Let me assure you that you do not have to undergo strange init - iation rites such as total immersion in printer's ink or even to get involved in a photogrammetric plot! You need not be a Goliath but rather a David, armed with a few simple tools of the trade and a capacity for enjoyment. You are then ready to set out into the hills and woods.

Our area is about 2½ sq. kilometres consisting of young woodland and ROUGH open land. It was the former site of a lead mining industry and has many interesting features connected with this, such as old mine shafts, quarry diggings, a mile long flue and one of the biggest chimneys of its type. Lead was never found here in great quantities but was brought in from Glendalough and other parts of Wicklow and then smelted. The chimney and tunnel are one of the first anti-pollution schemes away ahead of its time. There are also interesting archaeological remains such as ring forts and dolmens.

This is an appreciable area to be surveyed by two people, especially women with no prior knowledge of surveying, consequently the whole project seemed to take rather a long time - three years in fact. I had even considered leaving it to GEN in my will!

Having many other committments we used to try and get one morning per week in the forest along with six dogs as companions. You can imagine the impact made on the neighbours by the sight of a Fiat 600 bursting at the seams with six excited barking dogs and two strangely clad women with an assortment of compasses etc, slung around their necks.

Our survey methods could also be termed bizarre. At first our instruments consisted of a compass, pacing scale and a spirit level. Using the latter we invented a new measurment called a HAZEL. I would walk up a slope until Hazel, my co-mapper, armed with the spirit level, focused it on my feet. She would then walk to the spot and I would proceed furthur up the hill, the whole process being repeated over and over. Six and a half hazels equalled one ten-metre contour. The half was obtained by her going down on one knee at the last measurement. Incidentally it does ones ego a lot of good to be genuflected to every time you plot a contour-an experience sadly lacking from more orthodox methods of surveying! In this way we proceeded to plot most of the contours, but then we were given a photogrammetric plot - all our efforts seemed to have been wasted but our confidence in our ability was bolstered as the general shape was very similar. We also started by using the old ' traverse ' method but after a very instructive course with Robin Harvey we could plot direct in the field.

We took so long that the forest changed a great deal in the three years. Two carparks were built, new forest walks were laid out , the use of which caused the old to get overgrown. We ended up altering our work and at the end even did three full days ' gardening ' on the hill! For this we had the services of a countryman who would have made a good explorer in the African jungle. As he hacked his way though overgrown

paths we came to the conclusion that it might have been easier to have decided beforehand where to have tracks, map them and then make them!

So you can see that our main faults were economic ones where time was concerned and would have made interesting reading in a Time and Motion Study. However the end result was not too bad. It just took longer.

As we have had a series of articles on DRAWING recently , I will not go into this except to add one piece of useful advice.

Before drawing the final separations I drew a ' Fine Copy ' of all the information we had gathered. This is really just another Base Map except that it is drawn as carefully as the separations.

Depressions were oriented to magnetic north,crags drawn neatly, correct separation of boundaries and roads observed; each dot on a wall and dashes on earthbanks put in place. I broke the contours where they ran accross depressions or crags and also the North Lines where they interfered with information. All this may seem very arduous and unnecc-essary but it was a tremendous aid in doing the final colour separations and added to the Clarity of the final version.

Clarity is very important and also, of course, Accuracy. I was pleased when I saw the printed result - the colouring and general app-earance were pleasant - then followed two months of anti-climax and frustration as I saw changes occurring in the forest and the map still unused - then apprehension as the day of our Grade 1 Event drew near. I wondered if I would have to leave the country. However I think it stood the test as all courses finished sucessfully and the only complaint was of exhaustion.

No-one should be hurried about either surveying or drawing, espec-ially if inexperienced. I must admit however that I needed some gentle prodding. Only for the fact that my map was going to print with Brockagh I would still be out in the forest correcting and updating. I would not have liked to have been Tom McCormack who had to draw Brockagh in ten evenings with survey material still coming in. Only a really experienced person could do that.

Most important of all, Mapping is ENJOYABLE.

The intricacies are fascinating, and getting to know one area intimately quite an experience. Every badger sett, fox-hole, boulder and depression are impressed indelibly on ones photographic memory. One sees the area in all weathers and seasons. We have picniced in the depths of winter in a copse with snowflakes falling gently round us, have heard the larches popping on a still spring day, smelt the gorse, and driven through summer lanes banked by hedgeparsley. We have got scratched, bitten, stung, been chased by cows and goats, and Carrickgollogan even boasts its own flasher.

We have made six dogs exceedingly happy and have met a variety of interesting householders. There is a woman who spins her own wool, dyes it from the flowers and plants of the hedgerows,and then weaves it into beautiful wall hangings. There is an old farmer with the dirt of years engrained in his skin sitting in the darkness of an old farmhouse, his arthritic hands resembling a bird's claw. There are people versed in the art of painting, writing, and photography. All these have given us hospitality and treated us with kindness and courtesy.

The views from the hill are unrivalled for such a small area so close to the city.

So you can see that Mapping is not just compass bearings and Contours, as some would have us believe. Rather it is a whole experience involving all the senses and one which we would not wish to have missed.

EASTERN COMMAND ORIENTEERS

Junior MacDonald has done it again - another bone chipped. His story goes thus: "I came in on Tuesday night for the training session in the gym at 6 o'clock. Training finished at eight, and going home at half-eleven a footpath collided with my bike!"
The following questions remain unanswered: What beverage was consumed by Junior between 8 and 11? Where in Dublin is there a footpath hard enough to chip his bones? What happened his autopilot? His left hand is plastered, but it's OK - his right is sober!

Lady Members run well: Well done the three lady members who ran the Evening Press Dublin 10K (mini marathon). Pauline O'Connell and Teri Russell clocked 47 and 48 minutes, respectively, while Patricia Reidy ran a very good 53 minutes.

All Army Success: Congrats also to the All Army Team Winners - Junior MacDonald, Des Higgins and especially George O'Dowd who was in very hard luck not to win the individual Junior Championship.

Barbecue and Long-O: 3rd July, Aughavannagh. Organiser: Denis Reidy, Planner: Ted Russell, Controller: Tony O'Doherty.

CompassSport Cup: We're Entered! But a serious deficiency of junior members will hinder our chances. Get out there and recruit new members, especially those aged 10-18.

Murph for Sweden: Yes - O'Cleirigh thinks he can subvert our star orienteer again this year by filling him with Scandinavian beer and stupid ideas about thumb compasses. But this time Denis is wise to his ploy- he's bringing NO money (he has none to bring!) - you have your glue, Gus!

Reidy makes late bid for National Team: Congrats, Denis, on a great run at Moydamlaght.

Members for Scottish 6-Day: Denis Murphy, George O'Dowd, John O'Brien and the five Russells are travelling to Royal Deeside in August. Good luck!

Welsh O-Ringen: Many members plan to travel - 20/21 August. Make sure you get entries in early.

Selection Committee Elected: Tony O'Doherty, John de Lacy and the soft-boned J.MacDonald are the new selection committee. Having been an unofficial (self-appointed) selector for years, may I wish them many argument-free successes!

And Finally: Photographs are needed. Very few action shots exist of ECO (either in the forests or pubs). Black and white or colour prints would be gratefully cared for by this writer - I am trying to put a Club Album together for posterity.

Ted Russell.

AJAX/ KangaROOS Evening League

There are two events left in the league - Marlay on Tuesday 12 July and Larch Hill on the 26 July. The current league positions are set out below;

Seniors

L Roe	-	2	1	1	-	1
J May	1	1	-	-	-	4
O Creagh	5	-	3	4	4	3
M Malone	2	-	11	-	1	-
P Walsh	11	6	10	-	7	2
A Law	7	-	-	5	-	6

U-16 Boys

C Carroll	1	1	2	1	1	1
F Malone	2	2	1	2	2	-
A Coppinger	3	5	5	-	-	2
S Ryan	4	-	-	-	3	3
B Roberts	11	6	11	8	-	7

U-16 Girls

U Creagh	1	1	1	1	1	1
S Walsh	3	3	3	3	2	6
H O'Friel	2	2	-	-	-	3

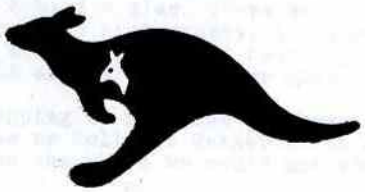
U-13 Boys

A Coppinger	8	2	2	-	3	2
D O'Neill	2	5	3	5	7	4
B Roberts	3	9	6	8	2	6
J O'Friel	4	7	-	-	5	3
C Stokes	-	-	1	-	1	1

U-13 Girls

H Creagh	1	3	1	1	7	1
M Larkin	3	2	3	11	2	2
M Madden	-	6	-	2	1	3
C Malone	15	4	2	9	3	-

After each name their positions in each of the six events are listed.
At the end of the league each persons best five results are added together to give the overall result.
Prizes are being awarded in the 5 classes each night to the first 3. Also being awarded are prizes to the best AJAX member in each age class (Boys/Girls 10,11,12,13,14,15,16) - This applies to group members as well as ordinary members.
Larry Roe needs only one more second place to clinch the Senior class. Cornelius Carroll has won the close battle in the U-16 Boys class with Fergal Malone by recording his 5th win. Una Creagh has easily won the U-16 Girls by winning every event. Aidan Coppinger looks like being best in the U-13 Boys, but if Conor Stokes completes his program he should steal it on the last event. The other placings are also close, in this most competitive of classes. Hilda Creagh is emulating sister Una in the U-13 Girls and with 4 wins is nearly home and dry. The two Michelles- Larkin and Madden are close for second place.



Results of 3ROC Sponsored Score Event, Phoenix Park, Dublin, 15.5.1983

Maximum points: 50, Time allowed: 180 minutes, Penalty: 1 point per minute.

All with 50 points and no penalty:

W.Young	CO	M21	83.55			
M.Malone	3ROC	M17	92.38			
R.Bryson	AJAX	M21	93.07			
F.Malone	3ROC	M15	95.12			
D.Reidy	ECO	M21	96.04			
E.Rothery	AJAX	M21	102.40			
D.O'Beirne	3ROC	M21	103.03			
F.Malone	3ROC	M17	104.44			
N.Carroll	3ROC	M35	109.28			
K.Fletcher	UCDO	M19	115.13			
P.Smyth	SET	M21	117.23			
R.O'Shea	CO	M21	120.45			
D.Corrie	AJAX	-	126.05			
C.Tyner	3ROC	M43	128.26			
F.Ryan	ECO	-	129.42			
O.Creagh	3ROC	M19	132.02			
A.Masterson	AJAX	W19	133.17			
A.Balmaine	3ROC	M17	135.43			
C.Carroll	3ROC	M15	138.10			
D.O'Callaghan	AJAX	W19	138.19			
M.Crowe	3ROC	M17	140.30			
C.Dunlop	SET	M43	146.03			
N.Finlay	AJAX	M21	154.50			
D.Higgins	ECO	M21	160.20			
A.Sloane	3ROC	W19	162.50			
D.Kennedy	3ROC	M35	164.40			
C.Murray	SET	-	166.15			
G.Parker	3ROC	M19	167.15			
A.Tyner	3ROC	M15	167.28			
P.Brennan	SET	-	172.52			
S.Faulkner	SET	-	176.52			
B.O'Connor	3ROC	M19	177.17			

All with 49 points and no penalty:

J.May	3ROC	M21	87.00			
P.Farrelly	CO	M21	114.08			
D.Dunne	PLO	M19	132.30			
U.Creagh	3ROC	W13	147.50			
AB.Law	GEN	M50	148.15			
T.McGrath	3ROC	M35	154.03			
M.Thornton	-	-	174.57			
J.Casey	3ROC	-	48	0	48	
D.Large	GEN	W43	47	0	47	
F.Cronin	SET	M21	45	0	45	
B.Dalby	3ROC	M21	44	0	44	
M.Eaton	-	-	42	0	42	
A.Young	-	-	42	0	42	
J.Flegg	SET	-	42	0	42	
T.Gillespie	WO	M15	41	0	41	
S.Clarke	ECO	-	41	0	41	
H.Creagh	3ROC	W13	40	0	40	
S.T.Walsh	SET	-	39	0	39	
M.McAuliffe	3ROC	M21	39	0	39	
H.McLindon	WO	-	39	0	39	
MJ.Bell	ECO	-	44	5	39	
J.Keogh	SET	M21	38	0	38	
R.Cox	DLSO	-	38	0	38	
K.Routledge	WO	W15	38	0	38	
R.Gillespie	WO	-	37	0	37	
R.Costello	-	-	37	0	37	
G. ni Mhuiri	Cluny	W19	37	0	37	
G.Polgar	Cluny	W19	37	0	37	
T.Madden	SET	-	37	0	37	
P.Waters	Naas	-	35	0	35	
B.Glynn	Naas	-	35	0	35	
O.Cooke	Ajax	W19	35	0	35	
J.Whelan	Naas	-	35	0	35	
M.Carroll	Naas	-	35	0	35	
K.Young	-	-	34	0	34	
J.Creagh	3ROC	M50	34	0	34	
B.Roberts	DLSO	-	37	3	34	
M&J Martin	3ROC	-	34	0	34	
T.Cleary	3ROC	W35	48	14	34	
P.Keane	3ROC	M35	33	0	33	
C.Stokes	3ROC	M13	32	0	32	
E.Niland	Ajax	M35	31	0	31	
H.Roche	3ROC	-	31	0	31	
S.Good	WO	M11	30	0	30	
P.Walsh	SET	-	30	0	30	
P.May	3ROC	-	30	0	30	
P.Redmond	SET	W19	30	0	30	
J.Murray	-	-	30	0	30	
M.Kelleher	DLSO	-	30	0	30	
P.Long	LeeO	M35	29	0	29	
L.Hennessey	-	-	32	0	32	
C.Desmond	3ROC	W19	28	0	28	
C.Lynam	3ROC	W19	27	0	27	
A.Bell+2	GEN	-	27	0	27	
E.Quinn	-	-	26	0	26	
J.Morrissey	GEN	W19	26	0	26	
F.Flood	DO	M21	26	0	26	
C.Malone	3ROC	W11	26	0	26	
A.McQuaid	WO	W13	25	0	25	
V.Crowe	WO	W13	25	0	25	
P.McManus	3ROC	M21	24	0	24	
Dawsonx2	SET	-	24	0	24	
S.Cannon	-	-	24	0	24	
F.Rogan	Cluny	W15	23	0	23	
S.Donnelly	"	W15	23	0	23	
F.Lohan	"	W15	23	0	23	
C.Manley	"	W15	23	0	23	
B.Doolan	SET	-	23	0	23	
P.Murphy	3ROC	W19	23	0	23	
L.Keogh	-	W19	23	0	23	
J.Brennan	Ajax	W19	23	0	23	
J.McBride	-	W19	23	0	23	
D.Carroll	-	W19	23	0	23	
M.Kett	-	W19	23	0	23	
E.Bell	-	-	23	0	23	
B&A.Hollinshead		-	22	0	22	
D.Rowe	3ROC	-	22	0	22	
L.Convery	3ROC	M43	21	0	21	
J.Horan	DO	-	21	0	21	
B.Rowe	3ROC	-	21	0	21	
A.Tully	Cluny	W15	22	1	21	

C.O'Brien	SET	-	20	0	20
G.Smith	3ROC	M21	20	0	20
N.Creagh	3ROC	W43	20	0	20
C.Farrell	-	-	20	0	20
E.Flegg	SET	-	20	0	20
M.Moran	GEN	W43	20	0	20
B.Moran	GEN	M50	20	0	20
M.Donohoe	Cluny	W15	25	5	20
A.Condon	-	-	19	0	19
A.Lynch	-	-	19	0	19
N.Farrell	-	-	19	0	19
K.Dawson	SET	-	19	0	19
T.Davidson	Cluny	W15	25	6	19
H.Convery	3ROC	-	19	0	19
C.O'Donovan	-	-	19	0	19
M.Fox	-	-	19	0	19
Dawson fam.	SET	-	19	0	19
J.Dawson	SET	W15	19	0	19
M.O'Leary	Cluny	W15	20	1	19
O.Murphy	Cluny	W15	20	1	19
A.Markey	Cluny	W15	20	1	19
S.Treston	Cluny	W15	18	0	18
N.Holland	Cluny	W15	18	0	18
A.Wharton	Cluny	W15	18	0	18
A-M.Kelly	Cluny	W15	25	8	17
J.Bean	DO	-	17	0	17
K.Wilson	Cluny	W15	25	8	17
A.Lenehan	Cluny	W15	25	8	17
J.Keane	3ROC	-	17	0	17
C.McNeill	3ROC	W19	17	0	17
V.Rowe	3ROC	-	17	0	17
Walsh fam.	-	-	16	0	16
C.Doorly	GEN	-	16	0	16
P.Browne/V.O'Donoghue		-	16	0	16
O.Brophy	DO	-	16	0	16
J.Mullen	3ROC	-	16	0	16
V.Brandon	Cluny	W15	21	5	16
M.Reynolds	Cluny	W15	21	5	16
D.Connolly	Cluny	W15	21	5	16
M.O'Donnell	Cluny	W15	21	5	16
A.Morrissey	-	-	16	0	16

J.Donovan	-	-	16	0	16
T.Reidy	-	-	15	0	15
A.Nugent	DO	-	15	0	15
R.Flynn	SET	-	14	0	14
E.Harkin	-	-	14	0	14
P.Conroy	3ROC	-	13	0	13
J.Muscat	3ROC	-	13	0	13
N.Moran	-	-	13	0	13
R.Daly	-	M21	13	0	13
S.Coady	Cluny	W15	13	0	13
S.Knowles	Cluny	W15	13	0	13
J.Owens	Cluny	W15	13	0	13
B.Parnell	Cluny	W15	13	0	13
C.Smith			13	0	13
M.Murphy/A.Buckley			12	0	12
Moran fam.	-	-	12	0	12
M.Higgins	SET	-	12	0	12
D.Carroll	3ROC	-	12	0	12
K.Stokes	3ROC	-	11	0	11
A.Dunlop	SET	-	10	0	10
K.Convery	3ROC	W10	10	0	10
S.Convery	3ROC	W10	10	0	10
K&C.Thor-hill	GEN		10	0	10
M.O'Donovan	DO	M13	10	0	10
E.Niland	Ajax	M10	9	0	9
C.Cannon	-	-	9	0	9
M.Brennan & S.Hegarty	-	-	9	0	9
J.Callaghan & F.Doorly	GEN	-	7	0	7
M.Walsh	3ROC	-	6	0	6
OBrolchain fam.	SET		6	0	6
J.Doorly	GEN	-	3	0	3
D.Stokes	3ROC	M15	0	0	0
G&J.Bollard	-	-	35	130	-95

*** The figures in the columns above are: Gross score; penalty; net score.

STOP PRESS...WORLD CHAMPIONSHIP TEAM ANNOUNCED...DUBLIN JULY 3 1983...

The Irish Selectors have announced the following team for the 1983 World Orienteering Championships to be held in Hungary in September:

Men: Pat Healy (Curragh), Justin May (3ROC), Eoin Rothery (AJAX), Wally Young (Curragh). Travelling reserve : Jonathan Warde (Fermanagh), non-travelling reserve: Peter James (NWOC).

Women: Eileen Loughman (GEN), Deirdre ni Challanain (AJAX), Maura Thornhill (GEN), Julie Martindale (Tipperary).

Almost all are believed to have confirmed their availability, so few, if any, changes are expected. All the mens' team except the two reserves are veterans of previous WOC's, as are Eileen and Maura, but it is good to see some new blood in womens orienteering at last, in the form of Deirdre and Julie. TIO wishes them all the very best of luck.

RESULTS of CURRAGH ORIENTEERS GRADE 1 EVENT, STRADBALLY, CO. LAOIS, 1.5.83

A Course. 10.1km/360m

M21A

1	E.Rothery	Ajax	84.47
2	J.May	3ROC	86.40
3	W.Young	CO	90.16
4	P.Lalor	CO	99.22
5	J.McCullough	3ROC	101.47
6	D.Reidy	ECO	102.55
7	T.Russell	ECO	103.36
8	P.Nash	SO	107.49
9	R.Bryson	Ajax	109.41
10	N.Rice	Ajax	116.18
11	D.O'Beirne	3ROC	119.46
12	P.O'Brien	Ajax	124.50
13	J.Kehoe	SET	126.19
14	B.Dalby	3ROC	127.16
15	E.Niland	Ajax	135.48
16	D.Murphy	ECO	136.09
17	R.O'Shea	CO	139.49

5 n/f

B Course. 9.0km/335m

M35

1	G.Byrne	CO	87.43
2	P.McCormack	GEN	91.42
3	P.Flanagan	3ROC	108.09 ?
4	A.Shaw	ThO	116.48

1n/f

C Course 8.0km/335m

W19A

1	M.Thornhill	GEN	102.31
2	O.Cooke	Ajax	104.01
3	D.ni Challanain	Ajax	104.37
4	E.Loughman	GEN	105.43
5	C.Bonar Law	DUO	142.27
6	T.Horan	Ajax	143.10
7	C.Lyons	Ajax	146.43
8	T.Murphy	ECO	149.29
9	B.Flanagan	3ROC	160.31

1 n/f

M19

1	O.Creagh	3ROC	99.59
2	D.Dunne	PLO	102.13
3	N.Devereaux		121.59
4	M.Duffy	CO	122.10
5	K.Friel	CO	133.41
6	J.Hogan	CO	136.48
7	M.Daly	ECO	136.52
8	J.Kelly	CO	140.46
9	J.d'Art		142.06
10	D.Quinlan		146.17
11	J.Tierney		146.28
12	A.G.Murphy	CO	147.17
13	J.Cully	CO	154.00
14	D.Barber	CO	158.17
15	S.McNamara	CO	210.43
16	J.O'Sullivan	CO	214.28
17	A.Finegan	CO	233.03

D Course. 7.5km/300m

M17

1	B.O'Connor	3ROC	94.37
2	R.Duggan	CO	99.14
3	J.Pim	CO	103.13
4	J.Mulvanny	CO	105.26
5	M.Ryan	CO	116.14
6	M.Geraghty	CO	117.47
7	P.Hayes	CO	118.45
8	K.Cullen	CO	119.45
9	K.Parker	CO	121.45
10	G.McKeon	CO	125.46
11	A.F.Murphy	CO	143.30
12	P.Barrett	CO	188.02
13	J.Sheerin	CO	198.44
14	R.Long	CO	208.42
15	L.Keena	CO	237.30
16	R.Coffey	CO	247.33

10 n/f

M21B

1	G.Gartland	ECO	100.25
2	T.O'Sullivan	CO	102.32
3	M.McAuliffe	3ROC	109.38
4	N.Nugent	DUO	110.36
5	D.Higgins	ECO	111.52
6	P.McManus	3ROC	124.24
7	P.King	CO	126.00
8	N.Clarke	ThO	134.07
9	M.Quinlan	SBO	144.59
10	F.Ryan	ECO	148.22
11	M.Eaton		153.22
12	W.Kee	SET	200.49
13	S.Clarke	ECO	254.09

1 n/f

M43

1	A.Bonar Law	GEN	91.05
2	C.Dunlop	SET	95.56
3	F.McCormack	CO	104.06
4	F.Martindale	TO	109.18
5	C.Tyner	3ROC	110.39
6	J.Bent	SET	113.48
7	M.S.Bell	ECO	190.03

1 n/f

E Course. 6.0km/300m

M50

1	N.Morrish	LEE	83.50
2	S.Kulldorff	SET	131.52
3	F.Faughner	CO	157.59
4	C.Kavanagh	CO	158.23
5	T.ODuinn	Athlone	164.36
6	A.Cooney	CO	164.41

1 n/f

W35

1	C.Nuttall	LEE	98.46
2	K.Bent	SET	127.15
3	A.McCormack	GEN	130.28
4	T.Cleary	3ROC	138.13
5	C.O'Friel	GEN	206.11

W19B

1	H.Wood	DUO	108.01
2	A.Masterson	Ajax	109.23
3	R.Roche	GEN	127.36
	1 n/f		

F Course. 5.3km/210m

W43

1	N.Creagh	3ROC	108.16
2	F.White	SET	160.28

M15

1	F.Barry	3ROC	71.53
2	N.Bohan	CO	72.29
3	A.Tyner	3ROC	81.22
4	B.Maloney	CO	83.43
5	D.McAuliffe	3ROC	87.35
6	G.Roche	GEN	93.39
7	F.Whelan	Naas	99.15
8	M.Carroll	Naas	103.13
	2 n/f		

Unclassified:

	J.Morrissey	GEN	64.13?

G Course. 4.5km/140m

W50

1	M.Higgins	SET	98.31

H Course. 3.9km/130m

M13

1	E.Quirke	CO	74.14
2	G.Martindale	TO	76.44
3	B.Roberts	DLSO	131.14
4	C.ODuinn	Custume	136.23
5	M.Kellegher	DLSO	168.26
6	D.O'Riordan	DLSO	170.45

W15

1	D.O'Friel	GEN	50.28

J Course. 3.0km/130m

W13

1	U.Creagh	3ROC	40.14
2	H.Creagh	3ROC	55.30
3	T.Eakin	3ROC	67.27
4	H.O'Friel	GEN	98.22

M11

1	S.Goode	WO	83.24
2	F.Doolsy	SBO	90.22

M10

1 n/f

K Course. 3.0km/100m

W11

1	P.O'Riordan	CO	116.25
2	D.Donnelly	CO	118.26

Wayfarers:

	L.Tierney	Naas	114.48
	A.Mullowney	CO	116.19
	A.Tierney	Naas	126.46
	A.Murphy		150.19
	M.Murphy		152.15

Organiser's Report:
I'd like to thank Mr. Deagan and Mr. Walsh Kemmis for permission to use their land. Also thanks to all the members of the Club for their hard work and effort on the day of the event and the weeks previous. To the competitors, a big thank you for braving the elements.

P.Farrelly

Controller's Report:
Rain, unfortunately, is still something we cannot control. I think Pat planned a technically and physically demanding set of courses suitable for a Grade 1 event. Despite the weather conditions, the number of non-finishers in all classes was satisfactorily low and winning times were what we had expected. With reference to NO.13 on the A Course, the control was fair and accurate, although the fuller use of the description sheet would have helped to prevent any doubts which might have arisen due to a slight map inacciracy in the area.

F.O'Leary

GEN GRADE 1. 8.5.'83 Leinster Championships M35 CARRICKGOLLOGAN

A Course

E. Wilson	LVO	82.04	7) N Carroll	3Roc	113.38	13) C Dunlop	Set	140.18
2) G Byrne	CO	98.02	8) L Roe	3 Roc	119.05	14) B Power	Set	141.33
3) P McCormack	Gen	98.31	9) P Flanagan	3 Roc	126.15	15) F Ryder	ECO	146.09
4) P Lalor	Co	104.56	10) E Niland	Ajax	128.54	16) J Walsh	3Roc	194.53
5) T Russell	Eco	105.42	11) T McGrath	3Roc	129.03	17) P Keane	3Roc	202.59
6) B Buckley	Set	110.42	12) F McCormack	Co	130.33	3 N.F.		

M21A

1) J May	3 Roc	79.54	8) J O'Dowd	ECO	115.56	16) D Higgins	ECO	133.01
2) E Rothery	Ajax	81.06	9) J Murphy	ECO	116.28	17) M Donovan	DUO	138.25
3) W Young	CO	87.47	10) B O'Coirbin	DUO	117.42	18) D Barry	Gen	140.20
4) P Thompson	Ajax	104.57	11) R Cleary	3 Roc	117.43	19) F O'Leary	Co	141.06
5) P Farrelly	CO	109.55	12) N Rice	Ajax	125.11	20) P Smyth	UCDO	150.20
6) D O'Beirne	3 Roc	113.49	13) K Davies	DUO	131.02	21) J McElhinnery	Set	166.57
7) N Finlay	Ajax	115.20	14) J Kehoe	Set	131.43	22) B Hallowes	3 Roc	199.28
						23) M McElhinnery (missed no. 22)	Set	197.41
						4 N.F.		

B Course

M19

0 Creagh	3Roc	101.18	3) J Shulmeister	Gen	124.17	5) P Brennan	Set	193.14
2) R Bonar Law	Gen	121.54	4) D Dunne	Plo	125.40	6) B Miller	Set	193.22
Unclassified S Ryan	154.49	M Kavanagh	159.13	Disq	N Nugent	119.23(wrong 18 & 19)		2 N.F.

W19A

1) O Cooke	Ajax	97.38	5) D O'Callanain	Ajax	120.18	9) E Flegg	Set	125.88
2) M Thornhill	Gen	104.41	6) S C owley	3Roc	123.53	10) C Lyons	Ajax	137.05
3) E Loughman	Gen	112.33	7) C Bonar Law	Gen	124.20	11) B Flanagan	3Roc	139.43
4) P Murphy	3Roc	118.55	8) C Murtagh	Set	125.24	12) A Sloane	3Roc	146.25
Non Competitive W McCormack 134.18					7N.F.			

M43

1) C Tyner	3Roc	136.13	2) J Bent	Set	145.28	L Convery	3Roc	150.43

C Course

M 17

1) M Malone	3Roc	69.56	4) P Walsh	3Roc	83.58	7) H McCann	Dlso	117.07
2) M Crowe	3Roc	71.57	5) L Donovan	3Roc	84.20	8) W Sheill		128.32
3) F Malone	3Roc	72.07	6) A Tyner	3Roc	88.43	9) C Lynam (W19?)		96.49

W35

1) K Bent	Set	97.31	2) C O'Friel	Gen	186.00			

M50

S Rothery	3Roc	77.22	3) C Harrington		99.51	5) P VanRooyen	Set	126.00
2) S Kulldorff	Set	80.23	4) J Creagh	3Roc	120.52	6) G May	3Roc	127.20
					1 N.F.	7) C Carroll	3Roc	130.17

M21B

1) B Phelan	3Roc	66.05	6) F Flood	Set	92.44	11) B McGrath	3Roc	99.25
2) G Smith	3Roc	66.07	7) A O'Doherty	Eco	96.53	12) B Farley	Dlso	106.28
3) K McDonald	Eco	72.19	8) P Harrington		97.00	13) P Conroy	3Roc	128.04
4) P Redmond	Set	74.59	9) P McManus	3Roc	98.25	14) P Conway		137.22
5) B Cryan	Dlso	79.39	10) B. Killgallon		99.07	15) J Garner	Eco	137.46
						2 N.F.		

D Course

M15

1) F Malone	3Roc	68.00	4) B Mullowney	Co	88.16	7) M Colby	132.46
2) N Bohan	Co	72.24	5) C Carroll	3Roc	105.14	D McAuliffe Disq. wrong no 6	108.49
3) J Pim	Co	83.44	6) S McGrath		114.59		

W15

1) M Convery	3Roc	105.59	7 N.F

Carrigologan Ctd 8.5.'83

D Course Ctd

W 43

1) N Creagh	3Roc	111.36	2) F White	Set	114.59	2 N.F.		

W19B

O.Finlayson	Ucdo	87.17	2) A Masterson	Ajax	87.40	3) M Higgins	Set	123.29
						4)J Morrissey	Gen	137.50

E Course

M13

1) N Murphy		64.24	4) P Redmond	Set	84.42	7) E Blake	Snogo	126.50
2)G Walsh	Dlso	74.07	5) E Quirke	Co	88.59	2 N.F.		
3) N Carroll jnr	3Roc	77.10	6) D Flanagan	Snogo	126.48	S Nugent disq missed no 2		107.29

W13

1) U Creagh	3Roc	58.21	5) O Brophy	Do	113.58	9) I+F Sweeney	Gen	134.31
2) Horan + Burke		66.06	6) Cremins a	3Roc	133.31	10) M Mitchell	Snogo	143.26
3) T Eakin	3Roc	66.15	7) Cremins b	3Roc	133.57	11) S Mitchell	Snogo	143.28
4) H Creagh	3Roc	105.16	8) Cremins c	3Roc	133.59	3 N.F.		

F Course

M11

1) T Russell	Eco	73.44	2) S+A Murray		83.30	3)S Good	Wo	94.41
S Marshall 127.59 missed no 4			P O'Neill 135.23 missed no 8			3 N.F.		

W11

1) K Convery	3Roc	102.13	3) C Malone	3Roc	113.23	Unclass MacGilla fam		149.15
2) S Convery	3Roc	108.44	4) A Rice	Ajax	178.08	Keane Fam		150.15
						5 N.F.		

Wayfarers

1) J O'Shea	44	6)	B'Brack Scouts	56	13)	M + K Bell	81	19)	G Dunwoody		88
Viv Leeson	44	7)	M Larkin	58	14)	J Marshall	83	20)	A Sweeney		101
W Leeson	44	8)	Fia+Sean+Erik	72	15)	M McCarthy	87	21)	B'Brack Scts	B	107
4) D Walsh	47	9)	N Moran	76	16)	M Devlin	87	22)	F McNeill		116
5) Julie+David	48	10)	B Dunlop	76	17)	P Devlin	88	23)	N Gleeson		
6) N+J F Walsh	52	11)	D Taite	78	18)	Isealt M.	88				

AFAS COURSES JULY - AUGUST 1983. Details from Tiglin Adventure Centre, Ashford, Co. Wicklow. Telephone 0404-4169.

JULY	9-10	CAN7	Sea Kayaking	West Coast
		INT8	Introductory Course	
	9-16	AH2	Adventure Holiday	
		CAN8	Canoe/Kayak week	
	16-17	RC7	Rock Climbing	
		CAN9	Basic Canoeing	
		INT9	Introductory Course	
	16-23	CT2	Canoe Tour	River Barrow
	23-24	INT10	Introductory course	
	23-30	CT3	Canoe Tour	Barrow
	30-Aug.1	INT11	Introductory Course	
AUGUST	30 July-15	ALP2	Alpine Mountaineering	Alps
	30 - 6	CAN10	Canoeing Week	
	6-7	INT12	Introductory course	
	6-13	CT4	Canoe Tour	Barrow
	13-14	INT13	Introductory Course	
	13-20	CT5	Canoe Tour	
	20-21	INT14	Introductory Course	
	20-21	RC8	Rock Climbing	
		WS5	Wind Surfing	
	20-27	MW1	Mountaineering Week	
	27-28	CAN11	Sea Kayaking	Saltees
		INT15	Introductory Course	

RESULTS OF THE SCORE EVENT AT CARRICKGOLLOGAN - MIDSUMMER MADNESS

23 June 1983

A COURSE. 680 points - 34 CONTROLS

1.	Peter Kernan	M21	530	-	530	54.	B. Phelen	M21	120	30	90
2.	P. Mc Cormack	M35	480	-	480	55.	E. Bell	W19	135	50	85
3.	B. Corbett	M21	405	10	395	56.	C. Wann	W19	75	-	75
	O. Creagh	M19	395	-	395	57.	H. Roche	W19	70	-	70
5.	N. Rice	M35	400	10	390		N. Elliott	W19	100	30	70
6.	R. Cleary	M21	385	-	385		P. Finn	W19	100	30	70
7.	A. Bonar Law	M50	425	50	375		D. Judge	W19	100	30	70
8.	T. Mc Grath	M35	375	20	355		O. Mc Cann	W19	100	30	70
9.	K. Davies	M21	345	-	345	62.	M. Eaton		60	-	60
10.	A. Bell	M21	335	-	335	63.	A. Mullins		50	-	50
11.	E. Loughman	W19	330	-	330	64.	R. Roe	W19	135	90	45
12.	B. Dalby	M21	395	70	325	65.	D. Kennedy	M35	125	90	35
	T. Russell	M21	395	70	325	66.	H. Rohan	W19	150	120	30
14.	B. Cryan	M21	315	-	315		R. Byrne	W19	150	120	30
15.	D. Quinn	M21	310	-	310	68.	M. Heapes+1		160	150	10
16.	R. Bryson	M21	290	-	290		71 competitors				
17.	D. Dunne	M19	280	-	280						
18.	C. Bonar Law	W19	270	-	270						
	L. Convery	M43	270	-	270						
20.	C. Dunlop	M43	265	-	265						
21.	D. Larkin	M21	270	20	250						
	J. Schulmeister	M19	250	-	250						
23.	S. Clarke	W17	240	-	240						
	J. Carr	M17	240	-	240						
	A. Flegg	M43	240	-	240						
26.	P. Murphy	W19	230	-	230						
	C. Fletcher	M19	230	-	230						
28.	F. Murphy	W19	225	-	225						
29.	N. Creagh	W43	215	-	215						
30.	W. Kee	M21	210	-	210						
31.	T. Cleary	W35	235	30	205						
	J. Flegg	W35	205	-	205						
33.	I. Mc Neill	M21	200	-	200						
34.	B. Heeney	M21	190	-	190						
35.	A. Mc Cormack	W35	295	110	185						
36.	S. Ryan	M17	220	40	180						
	D. Nolan	M21	180	-	180						
	G. Smith	M21	180	-	180						
39.	B. Rowe	M15	175	-	175						
40.	C O'Donovan	M21	170	-	170						
41.	R. Flynn		160	-	160						
42.	B. Higgs	W19	155	-	155						
	J. Creagh	M50	155	-	155						
44.	F. Gleeson		150	-	150						
	B+B. Murray		150	-	150						
46.	P. Ryan	M21	145	-	145						
	P. May	W43	145	-	145						
48.	J. Newman	M56	195	60	135						
	B. Flanagan	W35	145	10	135						
50	V. Rowe	W50	130	-	130						
51.	P. Van Rooyen	M56	125	-	125						
52.	S. Crean		250	130	120						
	C. Lyons	W19	270	150	120						

B COURSE. 200 points - 17 controls

1.	U. Creagh	W13	200	-	200
2.	V+W Leeson	Way	190	-	190
3.	C. Stokes	M13	175	-	175
4.	K. Collie	Way	155	-	155
5.	G+D Buckley	Way	140	-	140
6.	H. Creagh	W13	155	-	155
7.	A+A Rice	Way	120	-	120
8.	N. Breen	Way	105	-	105
9.	?. Keane	Way	100	-	100
10.	+C Starkie	Way	90	-	90
	Rothery/Sutton		90	-	90
	K. Convery	W11	90	-	90
13.	B. Roberts	M11	75	-	75
	D. Riordan	M13	75	-	75
15.	J. Quinn	M13	70	-	70
	D. O'Neill	Way	70	-	70
	T. Russell	M10	70	-	70
18.	C. Egan	Way	60	-	60
19.	Burke Family		50	-	50
20.	Oonagh+Vida	Way	90	50	40
	E+D Burke	Way	40	-	40
22.	M. Donovan	Way	60	40	20
23.	French/Tipping		85	60	15
24.	Sarratt+2	Way	85	80	5
25.	H. Argue	Way	85	120	-35
26.	C.Urch+2	Way	55	150	-95
27.	J. Boyle	Way	60	180	-120
28.	N. Ryan	Way	60	190	-130
29.	/ 3 Kanes	Way	75	420	-340

45 competitors