the Irish Orienteer

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THE IRISH ORIENTEER NO. 39 FEBRUARY - MARCH 1989 ISSN 0790 - 1194

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John McCullough, 9 Arran Road, Drumcondra, Dublin 9.

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The copy dates for the forthcoming issues are:

No. 40	April-May 1989	19 March
No. 41	June-July 1989	21 March
No. 42	August-September 1989	23 July

For further information on orienteering contact The Irish Orienteering Association, 38 The Glen, Woodpark, Ballinteer, Dublin 16.

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FIXTURES: The fixtures list is the most recent available when going to press. Experience has shown, however, that changes do occur, and often at short notice. It is wise, therefore, to verify that the event is going ahead as advertised by checking the 'Weekend Sports Diary' in the newspapers or contacting the organising club.
Where possible an Ordnance Survey Grid Reference is given for each area. If pre-entry is required it is normally indicated in the event information. Event start times are generally between 11.00 a.m. and 1.00 p.m.: do not expect to be allowed to start after this, unless otherwise stated.

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COVER: Orienteering Naas: Eileen Loughman hands over to Richard Kavanagh at the Leinster Relays at Kingscourt. (Photo. by Joe Lalor, GEN.)

LETTERS

21, Heatherdale Close,
Kingston,
Surrey, KT2 7SU

Dear Sir,

I am writing as a non-Irish husband of a 3ROC member. I'd like first to say how much I enjoy reading about the Irish scene in TIO. Indeed, Anne hardly ever sees TIO until I've finished with it first!

I hope you'll forgive me as an outsider for making a few comments on TIO 38, the December-January issue. Firstly, let me correct the impression given in "WOT, NO SUITS?" (p25) that all but the Irish team had kit provided for the Ward Senior Home International in Scotland recently. As far as I am aware, only the English were thus provided and a right comical lot they looked too, as few of the suits remotely fitted them properly! In common with the rest of the Welsh team I had to buy my own suit, and I'm proud to be able to keep it as well.

Secondly, my admittedly limited experience of competing in events in and around the Dublin area has given me the impression that planners do not always set courses which are consistent with nationally recognised standards. One cannot always tell in advance what the technical standard or the toughness of the terrain is likely to be, so it was with much interest that I read of Pat Flanagan's colour coded event in "GETTING THE MIX RIGHT".

Colour coded courses started in a small way in the U.K. also but now they have been more or less universally adopted as the next level below that of Badge events and occur perhaps three times as frequently. The system is not a perfect one as planners do not always adhere to BOF guidelines, but I now feel fairly confident about just what to expect when I enter a Brown course, and I know roughly how long I'm going to be out for also. The same is true for those who habitually compete on Green courses, etc.

Looking at the results for the Pine Forest event, it seems a pity that a Brown course was not provided, although that labelled "Blue" might have sufficed as it produced times almost consistent with those of the BOF Brown standard. I think also that the "Red" course looked more like the BOF **Blue** standard, especially as the course had been designed to be technically hard. Nevertheless, it's good that the event was so successful and it is to be hoped that the experiment will be continued further.

Pat's table on page 7 gives a brief synopsis of BOF recommendations for Colour coded events. These have now been revised and further details are given in Guideline 1 of "Orienteering Rules and Guidelines (1987 edition)". This publication is highly recommended to anyone concerned with organising, planning or controlling any event, even if it has not been written with the Irish scene in mind.

Finally, I read also of the problems of developing the right "pyramid" which will not only motivate improving beginners but will also produce Internationals of quality - Welsh orienteering has a similar problem as well. I'm sure that this has been discussed at great depth before and on many occasions, and I'm sure too that the topic of improving coaching and training has been cited as part of the solution to the problem.

It is generally recognised that training is best carried out on both an individual and a club level and of these, that training with the club is the more important. My own club, South London Orienteers, is about the same size as, for example, 3ROC, but has a larger catchment area so that travelling to training evenings can often take in excess of an hour. Nevertheless, we regularly get 20-30 (and sometimes 40+) at the two weekly training evenings throughout the year, and many of these go on club training weekends organised in more technical areas than S.E. England can provide.

This contrasts quite sharply with the 3ROC Wednesday training that Anne and I attended one Summer's evening last year. When we turned up at Marley Park at the appointed hour there was nobody else there! After a while we set off for a run, and eventually met three 3ROC members who had started their run half an hour before the normal start time.

Perhaps this was an isolated instance, but it left me wondering two things: (i) if all Irish club training is remotely like this, will the "pyramid" ever develop, and (ii) why on earth was the regular training held in a **park** when there was much more appropriate terrain just 10 minutes' drive up the road? After all, most will agree that **orienteering** fitness is best obtained by running on hills and through the rough stuff, not by cantering around the tracks of green suburbia.

I realise that I have been critical in some of the above comments and that I ought really to be minding my own business, but I do have the best of intentions in making my observations and I hope that they will be received in a similar spirit also.

Yours (I hope) helpfully,

David May (SLOW)

Rambles in Scandinavia

Orienteering in Scandinavia last summer was certainly an enjoyable and worthwhile experience. Firstly I went to a 3-day event in Hallefors, north of Karlstad in central Sweden. This is an annual event with a limit of 2000 competitors. I dropped a class and competed in the H21B as this was my first event in Scandinavia. Veterans of the Sorlandsgaloppen, Willie McAuliffe, Pat Farelly and Brendan Delaney however braved the H21A class. I took it easy on the first two days, rarely breaking into a run and only managing 12-14 mins/Km. The third day was a chasing start and I had gained enough confidence to run. The chasing starts made it seem like a relay and I had a good run this time managing to break 8.5 mins/Km.

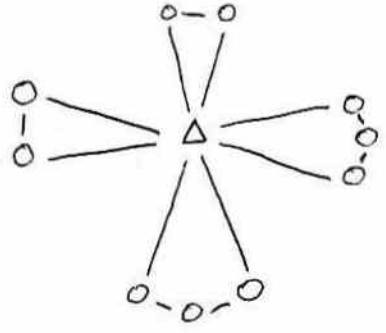
Then Brendan and I went for a few days training in Kongsberg, one hour by train south of Oslo, on 1978 WM maps. Then after meeting up with some of the others on the student team we travelled to Trondheim for the World Student Championships. The terrain was complex but readable with lots of open marshes and contour features. I found myself being very careful and stayed in contact with the map all the way. I was 81st of about 100 finishers in 11 mins/Km.

Then I travelled due east to Sundsvall on Sweden's Baltic coast for the O-ringen clinic and 5-day. The clinic is a very good three days of training. There are two sessions per day including line-orienteering and control picking within a large circle at the end of a long leg. Being shadowed on some of these exercises was great as ones faults were pointed out on the spot by a top elite runner. In the evening we had lectures on O-technique training. This training includes both indoor and outdoor activities.

Outdoor Training

(1) Star Orienteering

(a) Help set out controls
(b) Run the rest of the star
(c) Help collect controls



(2) Map Memory - Redrawing

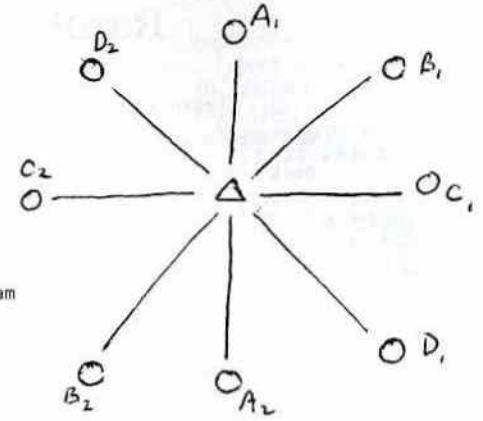
(a) Divide people into groups of two (same level).

(b) Run to control on map memory and back to start.

(c) When back draw leg on a blank piece of paper.

(d) Swap the drawn maps and use them to navigate to the appropriate control.

Legs up to 1 Km



Indoor Training

(1) Map memory

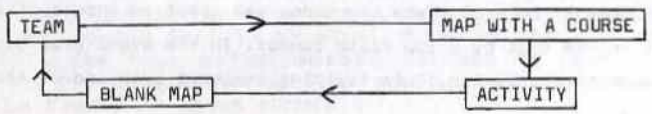
(a) Study a leg and remember features.

(b) Do a circuit.

(c) Take a blank sheet with the circles marked on it and draw the features of that leg.

(d) Compare map with real one.

(2) Map games with teams.



(a) Someone looks at one leg.

(b) Does activity e.g. press ups.

(c) Go to blank map and draw on circle

or

(c) Goes to blank piece of paper with just circles and draws in what is remembered of leg.

or

(c) One person reads and draws a description of leg - gives it to another and he/she draws circle on blank map.

(3) Team has a blank map with a triangle. Referee has the map with a course.

(a) One person looks at a leg, goes back to the team and describes it.

(b) Then another person goes to the referee with the blank map and points to where he thinks the control site is.

(c) If right the team goes on to no. 2 etc...

The main consideration in any of these exercises, as it is in orienteering in general, is to ignore detail.

Then followed the five days of competition. I competed in the A long. This was about 10 K per day. I felt that it was all good training and I could'nt get enough distance. Most others on the clinic preferred the short A course (about 7 K). As it happened the long courses brought one to areas of the maps not being used by the other courses.

In the evenings there were presentations by some of the top elite runners on their courses. Almost every night also some social activity was arranged. It was a very tiring eight days in Sundsvall but I enjoyed it very much. The staff at the clinic were all extremly friendly and helpful. The 5-day is certainly well worth going to. It has a great atmosphere, even if you can't understand the constant running Swedish commentary. And next July it is in the beautiful area of mountains, lakes and forests of Jamtland in the mid-north.

A few days of sightseeing in the lovely watery Stockholm and west through Oslo to the fantastic scenery on Norway's west coast was a nice way to end my rambling in Scandinavia.

Mike Deasy UCGO

SHAMROCK O-RINGEN ACCOMMODATION

A considerable quantity of "bunk space" accommodation in various people's houses has now become available at a cost of IR£4.00 per person per night, including breakfast. You will need a sleeping bag. Full details from Bernard Creedon (021-361824 (H) or 021-965600 (W)).

Further Afield

More foreign events are being advertised all the time. The following may be of some interest: The Alsace 3-Day in NE France, event centre Buhl, from 30.6 to 2.7.88. Cheaper entry to April 30. Contact CO Mulhouse, 3 Jours d'Alsace, BP 2391, 68067 Mulhouse Cedex, France.

Work Wanted

Annika Ivarsson, a 19-year old Swedish student from Tranås, would like to work and orienteer in Ireland for a year before returning to her studies. She has been orienteering since she was 9 years old and regards herself as one of the better W19's in Småland. Her school specialises in orienteering and she would like to stay with an O-family. Any kind of work will be considered, from cleaning or au-pair to training orienteers for your club. If you can help, contact her ta Beckasingatan 7, S-573 37 Tranås, Sweden.

IOA AGM News

In a shift from tradition the IOA Annual General Meeting will take place on Saturday afternoon, March 4th, at the Killeshin Hotel, Portlaoise, starting at 3.00 pm. A number of Executive positions require to be filled: Executive Secretary, PRO, Fixtures Secretary, Technical Officer and Junior Affairs Officer at least. Why not come along and make your voice heard? The meeting is open to all orienteers, not just club representatives. All paid up club members can vote!

There is the possibility (no more than that) of an event in the area on Saturday morning to make the journey more worthwhile.

Junior Training Weekend

A training weekend for Juniors will be organised by Charles Reid of NWOC on the first weekend in July. The sessions will be held in forests in the Mourne Mountains area of Co. Down. More details will follow in due course - watch this space.

Spikes Out

Because of erosion and environmental damage the use of spiked running or orienteering shoes has been banned in several European countries. Austria and Switzerland are two countries affected by the rule: the entry form for the Swiss 6-Day in July states "Neal-shoes are prohibited in Switzerland", so bring another pair on the World Tour.

Pembrey Felling

Pembrey, that memorable sand-dune forest in south Wales, is to fall to the woodsman's axe, according to CompassSport. The forest has been used for several major competitions in the last few years, most recently for the Welsh 6-Day last summer. Major clear-felling will begin in 1991. A final major event will be run there by Swansea Bay OC in October 1990 and therefore it will be out of bounds for orienteering from the end of next May.

Squad News

Bill Edwards of Cork OC won the 1988 British Night Championships at Sandringham Park, Norfolk, at the end of November. Bill, who finished third in last year's Irish Championships, won by the enormous margin of 9 minutes.

Fellow squad member Suzanne Clarke (3ROC) was narrowly beaten into second place in W21A. Suzanne has since broken her ankle very badly but is recovering. The injury will, however, keep her out of competition for this season.

Colm O'Halloran, meanwhile, has been running his socks off in Canada with 3rd place in the British Columbia Champs, 2nd in Alberta, 2nd in West Canada and 10th in the Canadian National Champs- an event won by Jonathan Musgrave of Scotland on scrubby sand dunes at Spirit Sands in Manitoba. Musgrave's time was 127.40 over two days, second was Ted de St. Croix in 129.17 and Colm in 160.46 just behind the four men of the Canadian World Champs team of '87. This performance represents a 10% improvement on Colm's World Champs run in France.

World Championships Countdown

Only seven months to go to WOC89 in Sweden and some good news for the Irish Team: a Manager has been found! Wally Young of Curragh OC has volunteered to take on the job of Irish Team Manager. Wally has been a regular member of the Irish team at World Championships since we started sending teams in 1976, and has also represented this country at CISM (World Military Championships) abroad. Now running in the M35 class, he brings his years of top level international experience to the position, so we all hope the team and squad will benefit. Wally can be contacted at "Silverdale", Windsor Road, Rathmines, Dublin 6 (01-961626).

Remaining selection events are: Connacht Championships, Shamrock O-Ringen, Irish Championships, JK '89 and Scottish Championships.

On a related topic, the Chairman of the Irish selectors, Ernie Wilson, has moved house, to 24 Riverdale, Hillsborough, Co. Down, BT26 6DF.

On The Move

In addition to Ernie Wilson, various orienteers are forsaking their accustomed habitats for longer or shorter periods of time: Colm O'Halloran, late of Calgary, was spotted in Kerry in January (home for the Rugby International?), Fingal's Doug Corrie is going to California for two months and club mate Joe McDermott and clan have moved west full time to run their Skerdagh Adventure centre near Newport in Co. Mayo.; Richie Kavanagh (who graces this month's cover with Eileen Loughman) has recently moved to Naas from Cork, while Lagan Valley's Harold White has come to live in Dublin. Squad members Steven Linton (NWOC) and Bill Edwards (CorkO) have moved to Kandal and Aldershot, respectively; John Kehoe and Joan Morrissey (once IOA Fixtures Sec) have gone to Canada to live. Closer to home Leinster Chairman David Watt and family have moved to 17 Templeroan Way, Knocklyon, Templeogue, Dublin 16.

Yacht-O Relays

According to the Grid Reference given for the Irish Orienteering Championships Relays the event will be held two miles out to sea, south east of Blackrock, Co. Louth. By the same token the Individual event is to be held in an interesting looking contoured area of fields just off the Dundalk to Castleblayney road about three miles west-north-west of Dundalk, across the Castletown River.

New Leinster Secretary

Vera Murtagh, 3ROC stalwart, has stepped into the shoes of John O'Leary as the new Secretary of the Leinster Orienteering Association following his return to Cork some weeks ago. Vera can be contacted at 19 The Cloisters, Terenure, Dublin 6, (01-908237).

The Irish Orienteer Trophy

The competition is open to all IOA and NIOA affiliated clubs.

Fixtures: It is the responsibility of the first-named club in each match to offer a mutually acceptable venue to their opponents. Venues should ideally, though not necessarily, be on neutral terrain. Because of the particular needs of the competition, clubs are urged to give special consideration to events arranged solely for the Irish Orienteer Trophy competition but ordinary Grade 2, Colour or Schools' events may be acceptable: always contact the organisers beforehand! Please keep the Editor informed of fixtures, in advance, and in the event of any problems.

The Rules

Courses: The following approximate course lengths should be used:

Team A:	8km	M17, 19, 21, 35, 40.	
Team B:	6km	M15, 17, 40, 45, 50;	W17, 19, 21, 35.
Team C:	4km	M13, 15, 50, 55, 60;	W15, 17, 19, 21, 35, 40, 45, 50, 55.
Team D:	2.5km	M10, 11, 55, 60;	W10, 11, 13, 15, 40, 45, 50, 55.

Teams: There is no limit to the number of runners a club may field in any match. To score, runners must run in the team appropriate to their age category, as above. No runner may run more than once per match.

Scoring: Points will be awarded to the best three finishers from each club on each course. In two-club matches this will be on a scale of 6-5-4-3-2-1, in three-club matches, 9-8-7, etc. The club with the highest total from all four courses is the winner. In the event of a tie the club with the most course victories will win; if still equal, the club with the most second places, and so on. If still unresolved the aggregate times of the scoring members will decide.

Results: Please notify both ***The Irish Orienteer*** and the IOA PRO without delay. Results should be calculated on the day.

The story so far: Setanta defeated the holders, 3ROC, in the Leinster Final. NWOC and LVO are meeting in February or on March 11th to decide the Ulster winners (FermO declined to participate this year due to small numbers). The Munster Final is to be held in early February.

National Final: It is hoped to run the Final in April/May. The 1989 competition will be run working backwards from a definite National Final. See TIO for details. Entry fees for each participating club will go to the winning club on condition that they send a team to the CompassSport Cup Final in Britain, probably in late Autumn.

As always, suggestions for improvements will be welcome.

The Leinster Championships; A Criticism

The organisation of the Leinster Orienteering Championships 1988 deserves criticism for its officiousness. A set of rules were dreamed up and followed, even when it would have been easier, simpler and more effective to have bent them a little. Aideen Morrish fell foul of this inflexibility when she tried to enter on plain paper on 21 November. This was 12 days before the event and like many people who do not subscribe to T.I.O. Aideen had no entry form. In reply she got a blank form 6 days before the event and on filling that out she received the reply which is published below. She did travel, but was refused a run and left without her refund: the irony is that there was in fact at least one extra W21A map as Deirdre Lewis had started late and in the rush had gone off on the wrong course (C instead of X). The overall effect was that the organisers, by entry refusal and by not maintaining control over the start, seriously devalued this as a World Championship selection event.

In 1986 (TIO 24) I wrote "At the Leinsters 85 Ajax proved that it was possible to accept entries up to and including the day..... while keeping entry fees down to an absolute minimum." and "part of the enjoyment of the competition is that at least everybody else gets a run." Compare Leinster 88 (SET) and 85 (AJAX):

88 - COST - M/W to 17 = £3, Student £3.50, Senior £5, Late fee £2
CLOSING DATE - 33 days in advance, cards sent with 5 days to go.
PREMARKED MAPS - 400

85 - COST - M/W to 15 = 25p, M/W 17-19 = £1, Senior £2, Late £0.
CLOSING DATE - 15 days in advance, Entries accepted on the day
PREMARKED MAPS - 400 (310 runners)

400 people is not a large number to cater for over a three hour stagger start and there were only 17 W21As. Neither do the organisers need 4 weeks between closing entries and sending out cards - 2 is ample, 1 adequate. The expense of an event such as this is putting orienteering out of reach of many and I said as much to the organisers in a short note along with my own late entry (9/11 after arriving back from 2 weeks holidays). The reply I got is also published below for interest (in my note I referred to £10, but my cheque was for £14, the correct amount for the two seniors entered).

EOIN ROTHERY

Editor's note: The letter from Setanta Orienteers to Eoin Rothery, referred to in Eoin's criticism of the recent Leinster Championships, is not printed below as I feel that its publication could cause unnecessary aggravation. Having read it I must say that it is the rudest, most offensive letter it has ever been my misfortune to read. That it should come from one acting on behalf of an orienteering club to another orienteer I find shameful. Its only saving grace is that Brian Doolan had the courage to sign his name to it. A copy has been forwarded to the Chairman of Setanta Orienteers

The Setanta reply to Aideen Morrish is below:

Dear Aideen,

Regretably your entry was received after the Club was compelled by time restraints to close the entry lists in order to allow for the pre-marking of the maps. We have only pre-marked our essential requirements in a competition which has attracted over 400 entrants.

Having said that we are anxious that all who want a start should have one so I suggest the following. I can allot you a start time which is the last one in Course X *. You will only have a run subject to the availability of a pre-marked map and that will depend on the possibility that some who have pre-entered will not turn up. Should the contrary happen then you will not have a run. Under no circumstances will it be possible to copy a course from a master map on the day.

You see that I am not making the firm offer of a run, just the possibility of one. You must decide whether the risk in travelling to the event is worth taking. We must demand that should you travel on the day which turns out to be fruitless - in that you cannot run - that there be no animosity or aggrevation on the day. Disappointment we will understand but not criticism.

This is an arrangment which is trying to facilitate those who have entered very, very late. Should you not have a run you £5 will be returned to you immediately. Should you not attend it will be forwarded to you in due course.

Yours sincerely,

Brian Doolan

Hon. Secretary.

* W21A - Course X - Start 205 - 1.25 pm. Your control card will be awaiting you at the start subject to the availability of map.

Shamrock O-Ringen News

Arrangements are now well under way for this event, with most of the courses already planned by Brian Corbett, Kevin O' Dwyer and Sean Cotter. The following guideline distances apply:-

M21E	8.5 K	approx
M21A/35A	7.5	"
W21E-M40A/19A	6.0	"
W35A/21A/19A - M45A/21B/17A	5.5	"
W19B/17B/21B/35B/40B/45B - M19B/17B/21C/35B/40B/45B	4.6	"
W40A/45A - M55/50	4.5	"
W70/65/60/55/50 - M70/65/60	3.5	"
W17A - M15A	4.8	"
W15A - M15B/13A	3.5	"
W15B/13A/21C - M13B	3.0	"
W13B/11/10 - M11/10	2.0	"

Climb will be well within 5% of distance and the final day will incorporate chasing starts. Competition classes on the same line above may not necessarily be on the same course.

The main event centre is now Creedon's Hotel, Inchigeelagh. The Hotel is also providing floor space accomodation as well as special offers on Bed and Breakfast (£12) Breakfast alone (£3.50) and Dinner (£6). Contact Joe Creedon (no relation) at 026-49012 for further details. The current arrangements are that there will be a Ceili on Friday and Saturday nights in the Ballroom of the Hotel.

Mini-buses will be used to bus competitors between assembly area and parking area, at least on day one. The parking area (if not based at Inchigeelagh Village) will be notified along with the control cards.

In Scandanavia, it is quite normal for competitors to buy a map of the competition area on the night before the event. This is said to make all competitors more confident, and more importantly is of no unfair help whatsoever in the actual orienteering competition. We propose to break Irish tradition here and attempt to cover a small portion of mapping costs by offering at least the Ballingeary map for sale before the competition.

We are also receiving sponsorship from Water Technology Ltd. for another innovative practice in Ireland - sponsorship tokens for the leading Irish competitors in a number of classes - to be notified before the competition. Essentially, this will enable sponsorship winners to recover a significant fraction of expenses incurred in training activities - in particular, travel abroad.

The response to date is exceptional, in that over 200 applications have been received 2 months before the event. Over 25% of these are from abroad (Norway and U.K.). There is a major debate in European Orienteering circles at the moment on the "novel" idea of "open orienteering." The three days of the Shamrock O-Ringen are all essentially open-O. We are working hard to make this event a successful example of this aspect of the sport in outstandingly complex terrain and hope to have the support of as many Irish competitors as possible.

If you have any queries whatsoever, please do not hesitate to contact the undersigned at 021-361824 (Home) or 021-965600 (Work).

We look forward to hearing from you.

AFAS Report

The 1989 Association For Adventure Sports (AFAS) AGM passed off peacefully at the Mont Clare Hotel, Dublin, on January 28th. The new Secretary is Bill Hallowes, 18 Greenville Park, Blackrock, Co. Dublin: Bill was secretary for several years in the early/mid '80's.

The Conference which followed was on the theme "Adventure Sports - The next twenty years" and covered the areas of education, sponsorship, employment and tourism.

JK Accommodation

Those travelling to the Jan Kjellstrom trophy near Bath at Easter would be well advised to book their accommodation as soon as possible, as it is fast running out. Event centre accommodation is all gone except camping and floorspace; Millfield School single rooms are full; Youth Hostel and village hall places are full; Sexey's School is filling fast. Caravans are going quickly too. For the latest situation contact Georgina Vince (03-045-822-3274)

Tiglin O-Courses

Two courses of interest to orienteers are being run at Tiglin Adventure Centre, Ashford, Co. Wicklow:
February 18/19 OR1: Leadership Training. Part 1;
April 15/16 OR2: Leadership Training, Part 2.

It is necessary to attend both weekends. These courses provide training for the IOTB Leadership Award for those wishing to run a simple O-programme in their school, youth club or outdoor centre. Contact Barry Dalby at Tiglin for details. Phone 0404-40169.

World Masters Games

Denmark hosts the 1989 World Masters Games from July 22 to August 16 next. 20,000 participants in over 50 sports are expected to take part: the games are centred on the three cities of Arhus, Aalborg and Herning and the only qualification is your age.

Orienteers must be at least M/W35 but previous achievement, present form, nationality, creed or race are irrelevant: your personal standard will determine against whom you will compete. A variety of other sporting, cultural and recreational events will be laid on in the organising cities during the Games. For further details write to: World Masters Games, Vestergade 481, 800 Arhus C, Denmark.

Leinster O-Ringen News

Plans for the re-introduction of the Leinster O-Ringen, which gave rise to the Irish 2-Day, are at an advanced stage. The event has gone into the fixture list for May 27/28, a joint 3ROC/AJAX event, with a social/supper/dance on Saturday night run by Fingal Orienteers.

The plan is for a Grade 1 standard event but without the organisational headaches that make big events such a drain on clubs' manpower and enthusiasm: Good orienteering, that's all! Entry details have yet to be finalised but full information will appear in the April *TIO*. The essential "O-Ringen Ingredient", the chasing start on Day 2, will be one of the highlights of the weekend. A new map of Three Rock Mountain just south of Dublin is in preparation, being drawn by Justin May, for Day 1 and the AJAX event will be in the Laragh/Rathdrum area of Co. Wicklow: exact details are being finalised.

As regards the hooley, it will be in the Royal Marine Hotel, Dun Laoghaire, at 9pm and will include supper and coffee, a céili/disco and a bar extension till 12 midnight. Cost: £10.00. Proceeds will go towards running a Leinster O-Day in the Autumn.

Quiz Night

Newcomers Fingal Orienteers in North County Dublin are running a table quiz night on Wednesday 22 February at 8 pm upstairs in the Harp Bar, Swords. Entry fee £2 per person, teams of 6. Details from Frank Flood (01-406612).

scientific journal of orienteering

REVIEW OF RESULTS IN ORIENTEERING RESEARCH

Readers are invited to subscribe to the IOF ***Scientific Journal of Orienteering***, published twice each year. The Journal costs 60 Swedish Kroner per annum: send to IOF Secretary General, PO Box 76, S-191 Sollentuna, Sweden. Physical and psychological aspects of orienteering are covered regularly: the mental processes of map reading and skill acquisition, physiology of distance athletes, injury and training are typical topics. It may be of particular interest to educationalists.

and IOF Bulletin

While your Eurocheques are out you might like to consider the **IOF Bulletin**, also published twice-yearly, which gives details of international fixtures and of orienteering around the world, in English and German, and provides a forum for international debate. The current issue has articles on Ski-O in the USSR, orienteering in Hong Kong and China, mapping, map reading, technique and physical training, and the usual IOF news and results from around the world. The post-WOC issue is always a good read, with winners' routes and a comprehensive results section.

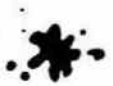
Subscription rates are 95 Swedish Kroner per annum: payment to the IOF Postal Giro account in Stockholm: 8 42 63-3 or to Bank account 3269-77-00382 with PK-Banken, S-103721, Stockholm. Address as for *Sci. J. Orienteering* above. (Personally I'd send a Eurocheque...)

Shamrock O-Ringen

Soren Jonsson, President of the O-Ringen (an association of the foremost Elite orienteers, past and present, in Sweden) will organise the sending of 2 or 3 Elite orienteers to compete in the Shamrock O-Ringen. While here the Swedes will run daily tutorials for the various classes to discuss actual courses, route choices, etc. They will also deliver lectures on selected topics. This will be a tremendous opportunity for Irish orienteers of all classes to improve their skills and receive advice from proven experts.

This is of course not the first group of Scandinavian orienteers to come here in Spring: it enables them to get in some orienteering while their rivals are snowed in at home and hopefully get a slight edge for the start of their O-season.

KNOW YOUR O.S. MAP SYMBOLS: NUMBER 12.



Fly squashed on map

Editor's Musings

Why not give control descriptions in English at minor events attended by large numbers of beginners? It is difficult enough to come to grips with new skills (map reading) and new terms (re-entrant, niche, knoll ...) without introducing hieroglyphics into the equation. Orienteering is an international language: it is great to be able to compete in Hong Kong, Finland and Brazil and know what the map is telling you and what the control descriptions are, but for a local event where all the participants are English-speakers, isn't it just laziness on the part of the organisers that leads to the production of IOF control description symbols rather than written words?

- ♦ - ♦ - ♦ -

The IOA's commitment to the membership card scheme has always seemed lukewarm. Few events have a reduction in entry fees for club members: this is an essential ingredient in any scheme to encourage club membership. Club membership figures nationally are said to be increasing at about 5% per annum, but a local increase in Munster is offset ny an apparent decrease in Leinster, at least in the longer established clubs. How is this slide to be halted? Club membership is not perceived as attractive or necessary by many orienteers: look at the results of any event. The number of persistent competitors who are non-members is very noticeable. The advantages of membership need to be pushed more: the most immediate is reduced entry fees at events. This is a policy decision which should be taken by IOA, implememted by clubs and supported by organisers. The same is true of the introduction of Colour Events at a uniform standard throughout the country (both measures were recommended and adopted on paper by IOA as far back as 1984). To enforce a reduced entry fee scheme, membership cards are needed. The pressure on clubs to affiliate to IOA will come from the members when they find they are having to pay non-member rates at events.

- ♦ - ♦ - ♦ -

Perhaps it is a method of natural selection: only the most determined, most inquisitive, most dogged people become orienteers. How do you find out about the sport to give it a try? How do you find out where and when events are on? How do you get instruction so as to improve? There are so many obstacles in the way of taking up orienteering: we ensure that those who aren't up to scratch don't even make it to their first event (maybe don't even hear of the sport), or don't return a second time. There are enough inherent problems in starting orienteering that we don't need to add to them. We need local, friendly events, we need big signposts with the word ***ORIENTEERING*** on them, we need publicity, we need enough helpers at events to assist novices, we need appropriate courses for all participants. Orienteering is the best sport there is: read Justin May's piece in the Junior Newsletter if you don't believe me. It is the best sport for all, the best family sport and the best sport for life. Let's keep it going!

Thanks again to all who contributed to this issue: if you have anything to say, say it in *TIO*.

John McCullough.

Executive Secretary: Ann Mc Bride,
I9 Raheen Park,
Bray,
Ph: OI -862037 Co. Wicklow.

Irish Orienteering Association

ASSISTED BY FUNDS FROM THE NATIONAL LOTTERY

BULLETIN January I989

ANNUAL GENERAL MEETING I989

Saturday 4th March - 3.00 pm. KILLESHIN HOTEL, PORTLAOISE.

All Clubs are asked to ensure that they have at least one Club Representative at the meeting.

Nominations are urgently sought for the following positions -:

Fixtures Secretary;

Executive Secretary;
P.R.O. Officer;
Junior Affairs Officer.

If you feel that you may be able to contribute in any of there areas we would be delighted to hear from you.

All members most welcome at the A.G.M.

Permanent Courses.

Grant Aid has been awarded for the setting up of Permanent Orienteering Courses at LOUGH KEY (L.K.O.) and FARRAN WOOD (Cork O.)

Guidelines on the Setting Up of Permanent Courses are available from -:
Administrative Secretary : Brigid Flanagan, 38, The Glen, Woodpark,
BalLinteer, Dublin I6.

Team Manager for Senior Squad.

We are very pleased to announce that Wally Young has agreed to accept the position of TEAM MANAGER . The very best of luck to one and all in '89.

WOC '89 Selection

Squad Update: FIOA International Squads January 1989

M21	W21
Section A	
1 A O'Cleirigh	1 E Loughman J Martindale
2 B Corbett V Joyce E Rothery	2 D NiChallanain
3 B Edwards J May W Young	3 S Clarke U Creagh C Morrish
4 S Linton R Morrish C O'Halloran	4 M Curran O Cooke C Lyons D Lewis M McPherson A Morrish
5 P Higgins J Cunnane	
Section B	
1 P Healy J McCullough	1 L Deane U McPherson
2 B Delaney R Kidd K O'Dwyer	
3 M Deasy D Deasy	

The remaining selection events are:
Connaught Championships, National Event 8
Shamrock 3 - Day
JK
Irish Championships
Scottish Championships

In late May a selection meeting will preselect outstanding competitors for the World Championship team. Remaining A squad members will be invited to a trial for any vacant places. The trial, if any, will be held about 8 weeks before WM and staged over two days, and subject to composition and finance, will be held in Ireland. Since all of the squad cannot run in the British Championships, this event is not being considered for the purposes of WM selection.

Enquiries to the selectors:
Ernie Wilson (Chairman) Clare Nuttall M Thornhill
Bill Simpson (c/o Ernie) 4 Up Panorama Tce 14 Taney Crescent
24 Riverdale Sundays Well Goatstown
Hillsborough Cork Dublin 14
Co. Down
BT26 6DF and E Rothery, 16 Vincent St Sth. Dublin 8

FINGAL ORIENTEERS

The New Year for Fingal Orienteers began with a mini-AGM in Coláiste Choilm, CBS Swords, at 8 pm on Tuesday 17th January 1989. The well-attended meeting agreed to outline the Club Calendar up to next June.

MEETINGS: All our meetings will be in Coláiste Choilm, CBS, Swords on the first Tuesday of each month at 8.00 pm. (E.T.A. The Lord Mayor's is 9.45 pm). The next meeting will be on 7th March.

FINANCE: Gerry Smith volunteered (fair play) to organize a Quiz Night, so hopefully we can book the summer holidays. This will be on February 22nd at the Harp Bar at 8 pm.

EVENTS All present were keen to organize our first event except Lillian! Unfortunately to avoid clashing with other school and club events it will have to wait until May 14th at Devil's Glen.

We are also organizing a social Night for the "end of season" Leinster O-Ringen, May 27th. Sadie Maguire will be the Hostess with the Mostest so keep the night free.

TRANSPORT: A club list of members willing to give lifts to events is being drawn up. It will bve available for our next meeting. Meanwhile the one and only Joe McDermott has offered all club members an ALL-IN £25 trip to the Connacht Championships, including transport, accommodation and event fees.

TRAINING: WHO?

MAPPING: Eileen ("Killiney-got-my-knee") Jones is interested in doing some mapping, possibly Ardgillaun Park in Skerries. Many members except Lillian expressed an interest.

EQUIPMENT: Anne Naughton has volunteered to become our equipment officer. This must quickly become the most sought-after job in Leinster!

CONGRATULATIONS to Francis Lafferty and Brid Quigley who have become Mr. & Mrs. Francis Lafferty and Brid Quigley. There is no truth in the rumour that Francis's car had anything to do with Brid's decision. The word is, Cupid has been seen in the Drumcondra area.

Our first Leinster prize winner is Gillian Byrne (2nd W19) whose orienteering really took off when she started getting off the bus even in the rain.

The Reluctant Scribe.

Eastings

LOC Grants

At the Leinster development meeting on 10/12/88, it was decided that funds should be allocated in order to make grants to juniors and to new clubs. The details are as follows:

- Grants are available to juniors travelling to the JK next Easter. Applications should be sent to : **Lindie Naughton, 25, Ashbrook House, Sallymount Avenue, Dublin 6. Ph: 963373.**
- Grants will be available to new Leinster clubs needing to purchase equipment. Applications giving details of equipment needs, membership and development plans should be sent to: **David Watt, 17, Templeroan Way, Knocklyon, Templeogue, Dublin 16.**

In the Pipeline

It is planned to link the Leinster 2-Day O-Ringen in May with an informal social event. There is an intent to hold a Leinster O-Day at the start of next season to replace the now defunct National O-Day. Resources will be concentrated on a single event at which several clubs can participate. The LOC wishes to encourage and recognize the participation of Youth Clubs in orienteering. The possibility of incorporating a Youth Club League in our calendar of events is being considered.

Leinster Championships

As detailed in the results sent out by Setanta, the Leinster Chamionships remain undecided in seven classes, and a decision has been taken to rerun these classes on 7/5/89. The possibility of bad weather conditions was not allowed for at the original event, with the finishing team being left to operate in a very exposed position. Unfortunately, there was no back-up system to complement the flimsy print-outs from the finish clock, and some print-outs were lost.

Major orienteering events require such a high degree of planning and organisation that, inevitably, problems of this nature will occur. The important point in this case was that there was no attempt to sweep the problems under the carpet, or a reluctance to admit to short-comings. The descisions taken by Setanta and the Event Controller were courageous, and in the unfortunate circumstances, were best suited to preserve the integrity of the Leinster Championships.

LOC Personnel

Vera Murtagh (3ROC) has agreed to act as LOC secretary. Although the contents of these notes is the responsibility of the Chairperson, their attractive presentation during the last 18 months has been due to our former treasurer, Brendan Doherty (GEN).

Training of Planners

It is strongly recommended that event planners appoint assistants. This appears to be the best way of imparting experience and confidence to potential planners.

Leinster League

It has long been a cherished ambition of Richard Flynn (SET) to enhance the competitive interest of local events by the introduction of a Leinster League. Several formats have been tried which have later been altered in the light of experience. The format in use this season has been the most successful to date. The present League is underlining the emergence of new talent, in particular Paul Nolan M17 (DLSO), with consistently good performances on the C Course.

Several representations have been made about the lack of junior courses in the League. To meet these criticisms, Long and Short Novice courses have been introduced for the duration of the season. When the format is reviewed for next season, it is hoped that an acceptable provision can be incorporated.

Orienteering Fixtures

February

18	**INTERVARSITY CHAMPIONSHIPS**, Trooperstown, Laragh, Co. Wicklow,	UCDO organised. Closed event. GR T 16 97.
18	**NI SCORE CHAMPIONSHIPS** Downhill Forest. NWOC. Also NIOA AGM.	
19	**PINE FOREST**	Rathfarnham, Co. Dublin. 3ROC Leinster League event. GR O 13 22.
19	**ROSTELLAN**	near Whitegate, Co. Cork. Cork Schools OA event. GR W 87 66.
25-26	**CONNAUGHT CHAMPIONSHIPS Killary, Co. Galway** GR L 80 62. Entry form	enclosed. Entries close 22 February.

March

5	**COUMSHINGAUN**	Comeragh Mountains, Co. Waterford. WATO Grade 1 event. GR S 33 10.
5	**GLENGARRA**	Cahir, Co. Tipperary. Beginners event. Cork Orienteers. GR R 92 22.
11	**TOLLYMORE**	Newcastle, Co. Down. LVO Ladder event no. 1. Runnable forest in the Mournes. GR J 35 32.
12	**CASTLE TIMON**	near Brittas Bay, Co. Wicklow. SET final Leinster League event. GR T 29 86.
12	**GARRETTSTOWN**	Kinsale, Co. Cork. New map. Munster Schools Championships. Cork O. GR W 58 44.
12	**PORTUMNA**	Co. Galway. WE/Athlone RTC event. GR M 84 03.
17-19	**SHAMROCK O-RINGEN**	**West Cork**. 3-Day Individual, chasing start on last day. Events at Tír na Spideoige, Bere Island and Inchigeela. Cork OC and Southern Orienteers. Entries to Creedons, "Tavio", Mount Prospect, Douglas, Cork.
24-27	***JAN KJELLSTROM TROPHY***	*Bath area, SW England. Training, Two-Day Individual and Relay. Contact Chris Tween, 30 Whitchurch Ave., Broadstone, Dorset BH18 8LT, England..*
26	**TRAMORE**	Co. Waterford. WATO Grade 2 event on sand dunes. New map. GR S 59 01.
27	**CHIMNEYFIELD**	near Carrignavar, Co. Cork. Cork O. "Clover-leaf event" (?). GR N 90 85.
27	**SUGARLOAF MOUNTAIN**	Enniskerry, Co. Wicklow. GEN Easter Monday event. GR O 23 13. (Changed from Trooperstown)

April

1	**FARRAN**	Ovens, Co. Cork. Cork O Grade 3. GR W 49 71.

1	**FLORENCECOURT**	Co. Fermanagh. FermO NI Ladder 2. GR H 17 33.
9	**AHERLOW**	Co. Tipperary. LeeO Grade 2 Munster League event. GR R 89 27.
9	**CAIRN WOOD**	Dundonald, Co. Down. LVO event. GR J 45 76.
15	**SPRINGWELL**	Limavady, Co. Derry. Ladder NWOC. GR C 76 25.
16	**BALLYDREHID**	Cahir, Co. Tipperary. BVOC Munster League event. GR R 03 26.
16	**CARRICK MOUNTAIN**	Glenealy, Co. Wicklow. 3ROC Grade 1 event. Last event here for some time. GR T 23 93.
16	**WOODSTOCK**	Galway City. WEO 10th Anniversary event.
22	**IRISH INDIVIDUAL CHAMPIONSHIPS Ravensdale, Co. Louth.** GR J 08 16.	Curragh OC. Cheap entries close 13th March.
23	**IRISH RELAY CHAMPIONSHIPS Rockmarshall, Co. Louth.** Event centre	Carlingford. GR J 12 08.
29-30	***SCOTTISH CHAMPIONSHIPS*** *Drummond Hill, Perth and Strathyre.*	*Doreen Biggar, 10 Manse Rd., Linlithgow, EH49 6AL, Scotland, by April 1st (STG£3.50/1.80)*
30	**ISLAND WOOD**	Newmarket, Co. Cork. BVOC Gr 3. GR R 37 05.
30	**LEINSTER SCHOOLS CHAMPIONSHIPS Trooperstown**, Laragh, Co. Wicklow.	Closed event. Details from LSOA. GR T 16 97.
30	**PORTLAW**	Co. Waterford. 'Tower Hill'. New map. WATO Grade 2 event. GR S 44 15.

May

6	**DRUMKEERAGH**	Ballinahinch, Co. Down. LVO Event. J 32 47.
7	**COOLE PARK**	Gort, Co. Galway. WEO event. GR M 44 04.
7	**MULLAGHMEEN**	Finnea, Co. Westmeath. SET Grade 1 event including re-run of some courses in Leinster Championships. Superb area. GR N 47 78.
13-14	***BRITISH CHAMPIONSHIPS*** *Individual and Relay. South of London.*	
14	**MALLABRACKA**	Dunmanway, Co. Cork. Lee O Gr 2. GR W 22 55.
14	**TIGLIN**	Ashford, Co. Wicklow. Fingal Orienteers inaugural Grade 2 open event. GR T 23 98.

NOTE: Events listed in *italics* are for information only and do not form part of the Irish fixture list. Only events run by clubs affiliated to the Irish Orienteering Association and registered, with competent officials, are covered by insurance.

Always check the Weekend Sports listings in the newspapers if you are in any doubt about whether an event is going ahead as planned, or contact the organisers.

Leinster League Report

Anyone who thought that there was easy pickings to be had on the C COURSE must be very disillusioned by now. The C COURSE has turned out to be the most competitive course in the league. I ventured into these shark infested waters to do a little trophy hunting and find that after 4 events I have accumulated the grand total of 1 point.So we would like to salute Paul Nolan of D.L.S.O. who now leads this course from his nearest rival Jane Watt by 13 points. However the League is not over yet ,there are still 30 points to be gained and with the Carroll boys making a late surge and Gavan Doherty still there in spite of a bad last event it could all depend on the final at Castletimon.

The premier course seems to be turning into a three horse race .Brian Bell now shares the lead with Justin May on 30 points with John Mc Cullough a close third. It is rather a pity that more of our elite orienteers don't come along and support our humble domestic competitions.

Well done Shane O Neill. Shane is one of our best M 13s and he is giving none other than Sean Rothery (a lethal M 55) a run for his money on the D COURSE.We would also like to give Diana Large a mention in dispatches. Diana is in third position with 16 points

A very sedate B Course is headed by Aubrey Flegg on 29 points with Paget Mc Cormack second with 20 points, but if I had a pound to spare I would put it on my old sparring partner Dave Quinn. Dave has 18 points from 2 events and is very much the dark horse of this course.There are two ladies lying joint forth,Rachel Burgess and Maeve McPherson.Although Maeve has gained points in all 4 league events Rachel is possibly the best hope for a prize.

As well as the normal prizes for the first three places on each course we hope to have two perpetual trophies,to be awarded to the winner of the A COURSE and to the lady with the highest points total in 5 events (at this point in the league this would be Jane Watt.)

There are still three events to go and 30 points to be won and even if you are out of the running for a prize you can still nobble one of the high flyers. So get out there and support your local league and do it to them before they do it to you.

LEINSTER SCORE CHAMPS

Grumble grumble grumble. OK so maybe it did not go as smoothly as last year and we had to wait a little longer than we would have liked at registration and maybe the register on the premarked maps was slightly out.What really mattered was that we got a good run in a good forest on a good map. And if those who complained about the logic of the points value alloted to the controls had taken the time to plan their route they would have seen the reason for it.It is a thinking sport you know
Anyway our thanks to Pat Healy and the Curragh fire picket who organised the event and next time Pat howabout getting the results on the day. Are you listening to me Pat?

Leinster League Results

A COURSE

1	B	BELL	7	8	6	9	30
1	J	MAY	10	10	10		30
2	J	MC CULLOUGH		9	8	10	27
3	P	HEALY			9	8	16
4	M	GEOGHEGAN	3	4		7	14
5	B	HEENEY	2	6	5		13
6	B	O CONNOR	5	7			12
6	R	KAVANAGH		5	7		12
7	P	KERNAN	9				9
8	L	DODDY	8				8
9	G	CUNNINGHAM	4			3	7
10	M	MURRY	6				6
10	S	WALSH				6	6
11	D	HICKEY				5	5
11	J	BARRY			4	1	5
12	T	CALLERY				4	4
13	N	BUTTERFIELD		3			3
14	P	GARGAN		2			2
14	J	RYAN				2	2
15	M	AHERN		1			1
15	P	REDMOND	1				1

B COURSE

1	A	FLEGG	9	1	10	9	29
2	P	MC CORMACK	7	1	4	8	20
3	D	QUINN			8	10	18
4	M	MC PHERSON	3	1	3	5	12
4	R	BURGESS			5	7	12
5	E	LOUGHMAN		1	9		10
5	A	TYNER	10				10
6	H	INGLIS	8	1			9
7	I.	DONOVAN			7		7
7	P	GLANVILLE		1	6		7
8	A	GREEN	6				6
8	P	REDMOND				6	6
9	E	NILAND	5				5
9	M	HEALY			1	4	5
10	D	TYNER	4				4
11	P	FLANAGAN		1		2	3
12	D	WATT		1		1	2

C COURSE

1	P	NOLAN	9	9	6	10	34
2	J	WATT	8	5	4	4	21
3	G	DOTHERTY	3	7	9		19
3	N	CARROLL JR			10	9	19
4	C	DONLOP	5		8	5	18
4	N	CARROLL		10		8	18
5	A	BONARLAW	7	2	7		16
6	B	MC GRATH	6	4	3		13
7	T	MC CORMACK		8		2	10
8	M	LUNT				7	7
7	M	NOWLAN				6	6
7	A	O MALONE		6			6
8	P	FLANAGAN			5		5
9	R	HUDSON		3			3
9	B	CRYAN			2	1	3
10	A	FLYNN		1			1
10	R	FLYNN			1		1

D COURSE

1	S	ROTHERY	10	1	9	8	28
2	S	O NEILL	6		10	10	26
3	D	LARGE		2	8	6	16
4	C	HICKS		8		4	12
5	S	KULLDORFF		4		7	11
6	C	COTTER		9			9
6	I	MURRAY	9				9
6	B	DOOLAN	7			2	9
6	S	WALSH				9	9
7	T	BURKE	8				8
7	E	FLYNN		3		5	8
8	M	MURAN	5				5
9	E	CATHALIN				3	3
10	P	CONNEFF	2				2

DOING ANYTHING INTERESTING THIS SUMMER? Why not write an account of your summer's orienteering for *The Irish Orienteer*?

ULSTER OUT OF INTERPROVINCIAL

The unfortunate choice of Friday March 17th for the Inter-provincial match at the Shamrock O-Ringen means that only a scratch team from Ulster can take part. St. Patrick's Day is a normal working day in the North so that only a handful of competitors will be able to travel to the event. Future organisers take note and find a more suitable date!

COMPASS SPORT UP

Inevitable price rises and currency fluctuations mean that the price of an Irish subscription to ***CompassSport*** has gone up to IR£11.00 for IOA club members, which compares very favourably with the BOF members rate of STG£10.50 and represents a great saving on the non-club rate of STG£12.50. Recent production problems are now past and the future looks brighter for the magazine. See the separate subscription form.

TIO TROPHY MUNSTER FINAL

At Kilbrittain on February 5th Cork Orienteers scored a decisive victory over Munster clubs Blackwater Valley OC and Lee Orienteers in the Munster Final of the delayed 1988 Irish Orienteer Trophy inter-club competition.

Cork O, using the event as a tactical warm up for the Irish Final, won three of the four courses, John Feehan of BVOC being the only one to take the 9 point score from Cork O. The final score was Cork O 86, BVOC 61, Lee O 33. Over 300 took part in the event on one of Sean Cotter's recent maps. Cork O now go forward to meet Setanta and either LVO or NWOC in the final.

NEW MUNSTER CHAIRMAN

At the recent Munster Orienteering Association AGM, Pat O'Connor of Waterford Orienteers was elected Chairman when Clare Nuttall (Lee O) stepped down. Pat, who has been active in scouting for many years and is now getting into mapping in a big way, will take his place on the IOA Executive Committee with the two other regional chairmen Frank Ryan and David Watt.

One of the bones of contention in Munster, and a reason why Munster orienteers have been slow to go forward for IOA posts, is the travel involved to meetings in Dublin. A proposal for the IOA AGM is expected to address this problem, suggesting that meetings be held at major events around the country.

With at least five IOA posts up for grabs it could be an interesting AGM: there were two vacant positions for much of last year- will the situation be better or worse in 1989? The relevance of the IOA is not always perceived by the ordinary orienteer, but without it the sport couldn't survive at a national level. Orienteering must be unique in that all the officers on the IOA are active orienteers, not office bound, chain smoking elderly fuddy-duddies who compete in the forest the same as you and me, and who need the support and confidence of the ordinary orienteer. Here endeth the lesson.

KERRY MAP AVAILABLE

The new, preliminary edition, of the 1:50000 scale Ordnance Survey maps of the Republic is now publicly available. Called Sheet 78 (Kenmare) it covers the entire Killarney area and costs £2.00. Well worth it if you're interested in maps and/or visiting Kerry. The North is already covered by splendid 1:50000 maps which, sadly, are not obtainable in the South.

THREE ROCK ORIENTEERING CLUB

AGM REPORT: Several new faces will be seen on the Committee following a well-attended AGM at Glenalbyn on February 3rd. The new club Secretary is **Vera Murtagh** (19 The Cloisters, Terenure, Dublin 6; 908237). **Nuala Creagh** takes over as Juniors Officer, and **David Rowe** and **Monica Nowlan** become Ordinary Members of the Committee. No change in Chairman (**Liam Convery**), Treasurer (**Trina Cleary**), Events Secretary (**Brian Hollinshead**), Mapping Officer (**Ted McGrath**) or Training Officer (**John McCullough**).

Joss Lynam gave a very interesting and much appreciated illustrated talk on his most recent Himalayan expedition, to Zhangzi, and almost managed to get a few volunteers for his next trip in May (we need them all to run the O-Ringen, Joss!)

FIRST FRIDAY NIGHTS: Our series of First Friday nights at Glenalbyn continues on March 3rd with **Justin May** showing us how to draw O-maps, following on from Mapping Officer Ted's lesson in surveying in January. On April 7th we'll have physiotherapist and IOA Executive secretary (outgoing) **Ann McBride** on stretching exercises, injuries, etc while on May 5th we'll be doing course planning. Come along- all 3ROCkers are welcome. It's not all hard work: there's a bar too, plus crack, info, entry forms, etcetera...

RELAYS: Remember! If you would like to run at the Connacht or Irish Champs Relays (or the JK or any other relay) on a 3ROC team you must let **John McCullough** (9 Arran Rd., Drumcondra, D.9) know at least a week before the closing date for the event. Please let John know in writing, and pay 1/3rd of the team fee. Juniors: entry is free, but please let him know in writing too! Relays are chaotic enough without adding to it: book early to avoid disappointment.

TRAINING EVENTS: Monthly training events continue on Saturday mornings. The next is at Kilmashogue on 11th February, 11.00 to 1.00 pm. These events are designed to cater for all levels, not just the excellent or the novice. They are very informal- let's see you out there next time.

EVENTS: Help needed for **Pine Forest** (Feb 19), **Carrick** (April 16) and **Three Rock** (May 27). Don't be shy: the more the merrier!

MAPPING: **Ted McGrath** is supervising the resurvey of Three Rock. Phoenix Park has just been revised by **John McC** and is being redrawn by **Justin**. Carrick will be resurveyed during the summer. If you are interested in helping or in the mapping apprentice scheme, contact Ted (955020), evenings. We were all beginners once, you know.

FASHION: 3ROC umbrellas are being ordered if we can get a few more people interested: contact **Brian Hollinshead** (881456). O-suits can be ordered from **Trina Cleary**, 25 Templeroan Grove, Rathfarnham , Dublin 16. (No phone yet). Trina would also like your membership fees, pronto! (£4 Junior/Student; £8 Individual; £12 Family).

Remember: Full details of all Club activities available on First Fridays at Glenalbyn Sports Centre, Stillorgan, from 8pm. Swimming available 7-8 pm also. See you in the Forest!

Great Eastern Navigators-GEN News. . . Great Eastern Navigators-GEN News. . . Great Eastern Navigators-GEN

Enquiries to: Gavan Doherty,

12, Brook Court,
Monkstown,
Co. Dublin.
Ph: 806611.

AGM:

The most important happening of recent times (well. . .) was, of course, the GEN AGM & Party, at **Bernard & Maura Moran's** house on 9th of December. The AGM was short, and the party long, but the following committee managed to get elected:

Chairman: **David Quinn**, 82, Seafield Court, Killiney, Co. Dublin

Vice-chairman: **Jane Watt**, 17 Templeroan Way, Knocklyon, Templeogue, Dublin 16

Secretary: **Gavan Doherty**, 12 Brook Court, Monkstown, Co. Dublin Ph:806611

Treasurer: **Paget McCormack**, 11 Green Rd., Blackrock, Co. Dublin Ph:884382

Committee: **Ross Stanley**, 15 Stillorgan Park, Blackrock, Co. Dublin Ph:889234

Joe Lalor, 159, Cappaghmore, Clondalkin, Dublin 22 Ph:573229

Brian Heeney, 43, Villier's Road, Rathgar, Dublin 6 Ph:973711

Maura Thornhill, 14 Taney Crescent, Dublin 14 Ph:985282

Maura Moran, 57, South Avenue, Mt. Merrion, Co. Dublin Ph:886382

Philip Ryan, Kinvara, Glenart Ave., Blackrock, Co. Dublin Ph:889633

Diana Large, Glenwood Hollow, Herbert Rd., Bray Ph:828442

Mary Healy - temporary address only available

Many thanks to Maura and Bernard for a very enjoyable evening.

Recent GEN Events:

Trooperstown - Planner: **Wyn McCormack**, Organiser: **Joe Lalor**

Carrickgolligan - Planner: **Brian Heeney**, Organiser: **Mary Healy**

Thanks to all those who planned, organised, finished, started, registered, came out etc., but particular thanks goes to **Peadar Dempsey** (GEN), who provided us with soup at Trooperstown, brandy at the Pine Forest, mulled wine at Carrickgolligan and numerous barbecues at various summer events - we hope that he keeps up the good work!

Upcoming GEN Events:

Sugarloaf: 27 March (Easter Monday). A fun event, as an alternative to the JK, with all types of courses, from introductory to advanced- so all

welcome! If you'd like to help (a good way of getting to know others if you're fairly new in the club!), you are very welcome to offer your services, however small, to the organiser: **Maura Moran** Ph:886382

Other GEN Events: Trooperstown in May, and Midsummer Madness in June(an evening orienteering/barbecue/fun event). More details of both later, but again, if you are interested in helping at either of these events, do not hesitate to contact us- we'd be pleased to hear from you!

Leinster Championships:

Individual: Many thanks to **Aubrey Flegg** and **Ross Stanley** for planning and controlling this very enjoyable event. Most courses seemed to have a great deal of route choice, with several route choices on each leg, which made for very good orienteering. But there were problems: they say that planners and organisers should expect the worst, but SET got worse than the worst. As someone at the event put it: "Great event, pity about the hurricane". Well done to SET for coping under adverse weather conditions, and well done to all GEN members who came 1st, 2nd or 3rd (and those who came 4th, 5th, 6th & 7th &. . .)

Relays: Out of 13 GEN teams, 6 managed to run - maybe Saturday's weather put them off (Oh, welays?- I've godt ad awfuh cohd), but a bit of ringing around brought 6 teams of 3 to this very enjoyable event (with its own soup kitchen!). Apologies to any GEN member who would have liked a run, but was not contacted- don't hesitate to tell us if you'd like to be on a team for the next relays! Thanks to UCDO & TRIM-O for the event.

GEN O-Suits:

These are still available from **Maura Thornhill** (985282) in all 3 sizes - and at £16, are well worth it. Maybe you need a new O-Suit , or a better one- well, here's your chance!

Congratulations:

Congratulations to **Susan Watt, Catherine Watt, Claire Thornhill** and **Kate Thornhill** on raising £40 for the Irish Junior Squad by selling raffle tickets. The prizes (watches, biscuits and other such goodies) were all distributed. Well done to the winners, but very well done to the sellers.

GEN Subs:

These must be paid! We cannot keep sending out TIO's for free, for ever, so if you haven't paid up- do so! It's worth it! Subs (Junior £5, Senior £8,Family £10) can be sent to: Gavan Doherty, 12, Brook Court, Monkstown, Co. Dublin. Ph:806611. Equally, if you're interested in joining, that's the address to write to.

Welcome:

Welcome to our newest additions - **Dominic Lang, Shirley Nicholson, William Lancaster** and the **Carroll** family. If you need a lift or some advice, don't hesitate to call your nearest committee member.

The Challenge of Mapping in Tollymore

The main dilemma facing a mapper of Tollymore forest is that of fairly representing the Shimra River, which runs East-West, dividing the area in two. I thought it essential to accurately show where the river could be crossed. The 7 bridges, 3 sets of stepping stones and several shallow reaches had to stand out clearly.

This is a well developed amenity forest and, in many places, the river has paths close by each bank. The same stretches of river could also be bordered by narrow but dense strips of rhododendron and have dangerous crags on either side dropping into deep water. All of the features could be considered significant for route choice and navigation. My problem then was to fit all of the necessary symbols (6 black lines, 2 green lines and 1 blue screen) into a 20 metre wide strip. At an early stage, a final map scale of 1:10000 was under serious consideration as 20m on the ground would equate to 2mm of paper in comparison with only 1.33mm if a scale of 1:15000 were chosen. Normally, my preference is to standardise at 1:15000 and I concentrated my efforts towards achieving clarity at this scale.

The obvious answer is to generalise and I first of all calculated that the minimum width required to fit all the symbols in to IOF standards was 2.5mm. I then experimented, using the correct nib sizes for final scale and coloured inks and found that the minimum practicable total width was 3mm; ie 45m on the ground. At places where the river was wider, cutting the blue screen accurately to scale would have meant a total width of 4.5mm - nearly 70m on the ground. I felt that the distortion that would be imposed on surrounding features by generalisation would be too great.

My final solution was to omit the crag symbols on the following grounds:

Crags were the thickest symbol - 0.35mm plus tags.

If included, there was a danger of obscuring good crossing points such as bridges and stepping stones.

Long crag symbols are difficult, even if dry transfers are used.

Mapping notes in the final details stated that rivers shown as uncrossable could be due to deep water, dangerous crags, rhododendrons or any combination of the three! The warning seemed sufficient to deter even the most foolhardy M21's from crossing at a dangerous point.

For additional clarity, bridges were shown with a 0.35mm line irrespective of the grade of path/track crossing them. For stepping stones, I chose the 'group of boulders' symbol - a single black triangle combined with a break in the black lines bordering the blue screen of the river.

I had one other major judgement to make. There is a 200m X 100m stand of immature Norway Spruce (heights 2m - 3m), planted with wide but irregular spacing. Being grassy underfoot, there is little impedence to progress and the gaps between trees are insufficient to justify a semi-open screen, but wide enough that runnability will be maintained for a number of years. My representation as runnable forest attracted comment from the planner and some competitors that a white screen raised expectations of mature woodland. The surrounding vegetation did little to reduce the controversy. There is:

mature runnable forest;

an area where the trees have thickened into walk;

an area where the trees have thickened into fight; and

an area (shown as semi-open) of widely variable growth with trees mainly under 1m but some scattered specimens of 2m - 3m.

I adopted a new approach to producing text for inclusion on the map and succeeded to the extent that I had no dry transfer lettering to do. My fellow mapper, Charles Reid had access to a Desk Top Publishing system driving an AppleWriter laser printer. Given the variety of founts available I was able to emulate the HMSL stick-up legend sheet quite closely. The texts "stepping stones", "earth quarry" and "stone monument" were produced on the laser printer as well as the credits and title. I used TRANSTEXT to transfer the lettering on to the artwork, but I am disappointed with the final result, especially in the title. Image quality was very good on test runs on paper, but the toner did not stick to the TRANSTEXT with uniform density and this was touched up with a 0.13mm pen. In addition, the toner has spread slightly, giving a fuzzy effect. I suspect that if the printer is able to illuminate the black positive with reflected light from above, then using good quality paper stuck in place would yield a better end result. Unfortunately I did not have enough time to investigate the possibilities thoroughly.

The river problem is not one which is likely to arise in many other areas, but it serves as a demonstration of a method of solving problems of cartographic generalisation; If in doubt, try it out! The vegetation problem is one that mappers face in various forms throughout every survey. If there is no solution that everyone will be happy with, then choose the option that will remain accurate for the longest time. As for Desk Top Publishing and laser printers; a little more experimentation is needed to eliminate dry transfer letters for ever. I wonder how much printers actually charge for type-setting....?

Bill Simpson
LVO

RESULTS FROM UCDO EVENT AT GLENCAP COMMONS 6th NOVEMBER 1988

Course			
5km			
May	3ROC	M21A	67.45
McCullough	3ROC	M21A	81.58
Bell	GEN	M21A	82.25
O'Connor	AJAX	M21A	85.53
Heeney	GEN	M21A	95.59
Kavanagh	NAAS	M21A	98.22
Geoghegan	AJAX	M21A	100.13
Butterfield	THO	M21A	137.44
Gargan	AJAX	M21A	167.01
Ahern		M21A	221.32
Caulifield	FO	M21A	DNF
Butterfield	GROT-O	M21A	DNF
Course			
7km			
Buckley	SET	M40	62.58
Flegg	SET	M50	63.37
Creagh	3ROC	W19	64.10
Flynn	SET	M21B	69.50
Loughman	NAAS	W21B	71.55
Callery (n/c)	UCDO	M19	72.48
Flanagan	3ROC		72.59
Morgan	SET	M21	74.29
O'Keeffe	FINGAL	M21B	75.55
McCormack	GEN	M45	77.51
Lane	ECO	M21B	79.30
McPhersan	3ROC	W21	79.55
Garrett	3ROC	M35	82.48
Gleeson			88.48
Mooney			88.48
Watt	GEN	M40	89.31
O'Brien	BSO	M21B	89.40
Healy	GEN	W21A	92.05
Lyons	AJAX	W21A	94.19
Glanville	3ROC	M17	96.00
O'Mara	3ROC		96.54
Doherty	GEN	M40	98.34
Smith	FIN	M35	99.07
Crawford	3ROC	M40	100.09
Cox	DUO	M19	100.20
Inglis	GEN	M40	103.09
Garrison	3ROC	M17	104.46
Walsh	UCDO	M21B	106.32
Jones	KSO	W21A	107.04

B Course (cont'd)

A.Troy	AJAX	M21B	109.38
M.Heapes	GEN	W21A	109.40
S.O'Boyle	CurrO	M21B	111.35
P.Butler	3ROC	M40	115.43
G.Elliott	3ROC	M17	116.23
D.Maloney			168.58
M.Clonan	3ROC	W21B	173.43
C.Fletcher	UCDO	M21B	187.24
D.Brooks	3ROC	M45	DNF
(Lost completed card)			
C.Williams			DNF
I.MacNeill	3ROC	M35	DNF
Smith&Power			DNF
W.Juanite			DNF
R.Dunlop			DNF

This course has been cancelled due to a controller's fault in the control descriptions. The controller appologizes to all those affected.

C Course

6.2km

N.Carroll	3ROC	M45	61.47
P.Nolan	DLSO	M17	61.53
T.McCormack	GEN		62.45
G.Doherty	GEN	M17	64.34
A.O'Mullane	DLSO	M17	64.50
J.Watt	GEN	W35	65.43
B.McGrath	3ROC	M40	67.21
R.Hudson	TrimO	M21B	67.49
A.Bonar Law	GEN	M55	68.09
A.Flynn	SET	M15	68.27
J.Lalor	GEN	M21B	69.26
C.Dunlop	SET	M50	69.40
M.Nowlan	3ROC	W35	69.54
Lunt	GEN	M50	71.51
M.Hewson	GEN	M55	72.43
B.Cryan	3ROC	M21B	76.45
F.Flood	FIN	M21B	76.49
R.Burgess	3ROC	W17	78.12
P.Walsh	SET	M55	78.13
R.Flynn	AJAX	M40	79.41
D.Kennedy		M45	80.00

C Course (cont'd)

D.Smyth		M21	82.37
K.Bent	SET	W40	84.00
P.Dempsey	GEN	M50	85.00
N.Somers	DLSO	M15	86.17
R.Norton	3ROC	M50	87.36
M.Walsh	3ROC	W40	88.02
A.Michael	UCDO	W21B	88.58
W.Leo	UCDO	M21B	89.12
A.Hallowes	3ROC		89.32
F.Lafferty	FIN	M21B	90.07
B.Hallowes	3ROC	M40	92.46
J.Flegg	SET	W45	93.18
M.O'Neill	DLSO	M15	94.57
G.Dempsey	GEN	M17	94.59
T.Burne	TrimO	M21B	98.25
L.Naughton	ECO	W21	99.21
B.Hollinshead	3ROC	M45	111.34
P.H.Ryan	GEN	M35	113.42
J.Clarke			132.04
M.Kelly	UCDO	W17	138.34
O'Riordan			142.13
T.Mooney	UCDO		154.22
M.O'Driscoll	UCDO		154.29
P.Huddson		M21	214.36
J.Bent	SET	M45	DNF
A.Byrne	UCDO		DNF
E.Doyle	BSO		DNF
F.Dunwoody	UCDO	W19	DNF
J.McEntee	BSO		DNF
M.Murphy	UCDO		DNF
O.Sheenan			DNF
B.McKeeve			MP 2

D Course

5.6km

J.Lynam	3ROC		75.19
C.Cotter	UCDO	M19	76.46
C.Hicks	AJAX		78.41
J.Bean	FIN	M21B	79.04
J.Whelehan	SET	M21B	82.45
A.Long	RCOC		83.26
S.Kulldorff	SET	M60	83.51
E.Flynn	SET	M13	86.06
B.Flanagan	3ROC	W40	87.26
T.Cleary	3ROC	W40	90.41
S.Rothery	3ROC	M60	92.56
J.MacGoey	UCDO		94.00

D Course (cont'd)

A.M.Cusack	UCDO		94.13
C.Carroll	3ROC	M55	95.26
B.Scallon		W19	97.59
E.McAuley	GEN	W21B	101.00
N.Creagh	3ROC	W50	101.07
C.McGrath	3ROC	W40	101.32
J.Creagh	3ROC	M55	102.05
T.Conneff	DLSO	M13	104.06
P.Evans		M40	106.52
M.Evans		M40	106.53
M.Higgins	SET	W45	107.44
J.Walsh	DLSO	M40	110.10
D.Cruise			110.38
S.O'Neill	DLSO	M11	112.02
???	KSO		112.55
M.Herrington	BSO		113.05
D.Carroll	3ROC	W45	119.10
Tony			124.29
P.Mahon	UCDO		131.37
P.Cooke	AJAX	M50	136.13
McAuley-Jones	3ROC		152.42
D.Lang	GEN	M17	155.59
N.Lalor	GEN	W21B	176.44
D.Large	GEN	W50	187.37
A.McCormack	GEN	W40	192.20
B.Quigley	FIN	W21B	214.45
N.Finegan	KSO		MP 10
M.Finegan	KSO		MP 10
E.Fleming	UCDO		MP 2
P.O'Sullivan	UCDO		MP 2
V.Murtagh	3ROC		MP 10,11
T.Murphy	DUO		MP 6,11
F.Durkan	BSO		MP 6,11
S.Freed	DUO		MP 6,11
C.Murphy	DUO		MP 6,11
Maguires	UCDO		DNF
M.Moran	GEN	W50	DNF
D.de Burca	UCDO		DNF

X Course

3.5km

N.Goodwin	DUO		29.31
J.Kenny	DUO		29.32
J.Drumm	UCDO	W21	39.00
C.MacNeill	3ROC		44.19
P.Hicks	AJAX	M15	45.40
H.Coghlan	GEN	W21B	48.08

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OPEN GROUND ORIENTEERING

The International Orienteering Federation is seeking new disciplines or styles of orienteering: Sprint-O seems set to be given a try in the World Championships soon. Interest in orienteering on open ground (Open-O) rather than in forests is increasing in the IOF so that possible future difficulties of forest access and a reduction in the number of usable forests in some countries can be anticipated.

There is great interest in the type of complex open terrain which south-west Munster has very much in abundance. This interest is at such a level that there is now a strong suggestion that we should act as organisers for a World Cup event in April 1992 subject to an immediate request by the IOA for outline permission to hold the event.

RESULTS FROM UCDO EVENT AT GLENCAP COMMONS 6th NOVEMBER 1988

X Course (cont'd)				Y Course	
Eoghan	AJAX	M13	49.00	1.7km	
F.O'Neill	SET	W40	54.26	D.Hickey	DLSO M11 18.29
R.Barry	GEN	M10	55.20	D.McCabe	DLSO M11 20.00
A.Barry	GEN	M10	60.31	S.Dempsey	DLSO M11 30.00
W.J.O'Neill	SET		61.00	C.Rice	AJAX W6 21.00
C.&A.Cooke	AJAX	W15	61.21	Guy Girls	21.55
S.Walsh	DLSO	M11	63.01	M.Gormley	DLSO M11 22.00
P.Callery			67.10	D.Byrne	DLSO M11 22.00
H.Lambert		M40	69.55	Guy family	25.49
A.Rice	AJAX	W13	70.17	L.Vender	GEN W10 26.39
E.O'Hare	FIN	W21B	71.24	K.McCormack	GEN W7 27.14
J.McNaughton			71.44	P.Flanagan	3ROC 28.04
S.Murphy	UCDO		74.01	Del/O'Connell	29.57
Delany	GEN		75.40	C.Ryan	DLSO M11 32.00
Fitzerald		M21	77.34	T.Hunt	DLSO M11 32.00
G.Coburn	AJAX	W21	81.00	N.Doherty	GEN W11 32.00
C.Diffley	AJAX		81.13	R&S McCormack	M10 32.45
J.Butler	3ROC	W40	84.00	G.Friel	33.00
J.Butler	3ROC	M11	85.00	C.Murphy	33.00
K.Carroll	3ROC	M11	85.00	Luke&Brooke	37.00
P.Higgins			89.11	D.Murphy	39.00
L.Byrne	Wolverines		89.14	S.McCormack	GEN W10 37.16
St. Michael's			97.14	G.Murphy	45.00
C.Cullen	UCDO	W21	100.09	Clark	46.06
St. Michael's	Shamrocks		100.57	E.Creedon	70.06
St. Michael's	Cranlums		100.59	H	KSO MP1
C.Creedon			107.14	C.Friel	MP 6
J.Flynn			132.41	E.Barry	DNF
C.Noonan			132.45	F.Walsh	KSO DNF
L.Flynn			132.55		
K.Flynn			143.03		
Lambert family			DNF	Controller	
N.Lynam	3ROC	W60	DNF	Asst. Controller	A.Green
G.R.A.Lluzzi			DNF	Planner	G.Cunningham
D.McLaughlin			DNF	Organiser	T.Callery
V.& F.Lluzzi			MP 1,4		A.O'Donnell
E.Tobin	M6		MP1,4		
W.Lancaster			MP 2	Thanks to Setanta Orienteers for	
S.Carroll	3ROC	M15	MP 8	loan of equipment.	

Results E.C.O. Leinster League Event - 11th December Devil's Glen

A Course 9.8 KM.

1.	J May	M21	3 ROC	74.43.
2.	P Healy	M21	Curr.	84.12.
3.	J McCullough	M21	3 ROC	88.08.
4.	R. Kavanagh	M21	Naas.	107.20.
5.	B. Bell	M21	GEN	112.06.
6.	B. Heaney	M21	GEN	121.13.
7.	J. Barry	M21	E.C.O.	139.05.
8.	M. Ahearne			DNF
9.	N. Armstrong			DNF
10.	M. Geoghan	M21	AJAX	DNF
11.	E. Dunne			DNF

B Course 6.8 KM.

1.	A. Flegg	M50	SET	71.12.
2.	E. Loughman	W21	Naas.	76.17.
3.	D. Quinn	M21B	GEN	77.00.
4.	L. Donovan	M21	3 ROC	79.19.
5.	P. Glanville	M17	3 ROC	82.25.
6.	R. Burgess	W17	3 ROC	83.14.
7.	F. McCormack	M45	GEN	84.01.
8.	M. McPherson	W21	3 ROC	84.44.
9.	S. O'Boyle	M21B	Curr.	85.53.
10.	N. Healy	W21	GEN	87.15.
11.	G. Morgan	M21	SET	88.24.
12.	L. Roe	M40	3 ROC	89.03.
13.	I. McNeill	M35	3 ROC	89.34.
14.	D. Tyner	M15	3 ROC	89.55.
15.	C. Torrans	M45		91.41.
16.	N. Crawford	M40	3 ROC	91.54.
17.	H. Inglis	M40	GEN	92.27.
18.	C. Tyner	M50	3 ROC	92.28.
19.	M. O'Mahony	M21B	FIN	92.51.
20.	B. O'Brien		BSO	94.18.
21.	F. Lafferty	M21B	FIN	94.38.
22.	C. Lyons	W21	AJAX	97.19.
23.	D. Brooks	M45	3 ROC	102.16.
24.	A. Hallowes		3 ROC	103.38.
25.	J. Lawlor	M21B	GEN	104.35.
26.	T. Caffrey	M21B	BSO	106.29.
27.	H. Mullen	M21B	BSO	111.43.
28	R. McDonald	M21B	Curr.	112.38.
29.	M. Clonan	W21B	3 ROC	115.00.
30.	C. Dineen	W21	FIN	118.42.
31.	E. Jones	W21	KSO	120.19.
32.	D. Walsh		CD	130.06.
33.	T. Keegan		UCD	132.04.
34.	T. Callery	M19	UCDO	132.05.
35.	B. Hallowes	M40	3 ROC	144.58.
36.	B. Doherty	M40	GEN	151.17.
37.	C. McManus			DNF
38.	C. O'Neara	M21B	3ROC	DNF
39.	M. Heapes		GEN	DNF
40.	M. Quane		CD	DNF
41.	T. Walshe	W21B	FIN	DNF
42.	G. Tucker	M21	KSOC	DNF
43.	T. Coffey		CBOC	DNF
44.	J. Cleary	M21	KSO	DNF
45.	J. Browne		CD	DNF

C Course 4.9 KM.

1.	N. Carroll Jnr.	M17	GEN	52.02.
2.	G. Doherty	M15	GEN	55.24.
3.	C. Dunlop	M50	SET	55.30.
4.	A. Bonar-Law	M55	GEN	57.53.
5.	P. Nolan	M17	DLSO	59.03.
6.	P. Flanagan		3 ROC	59.58.
7.	J. Watt	W35	GEN	60.25.
8.	B. McGrath	M40	3 ROC	61.28.
9.	B. Cryan	M21B	3 ROC	64.50.
10.	R. Flynn	M40	AJAX	67.35.
11.	M. O'Neill	M15	DLSO	69.06.
12.	B. Flynn			69.28.
13.	M. Walshe	W40	3 ROC	69.30.
14.	B. O'Connor	M21	AJAX	69.45.
15.	L. O'Dwyer		CD	69.53.
16.	A. O'Mullane	M17	DLSO	70.04.
17.	J. Murray	M40	SET	71.03.
18.	T. McCormack		GEN	71.46.
19.	M. Thornhill	W35	GEN	72.06.
20.	B. Flynn Jnr.		ECO	72.28.
21.	P. Walshe	M55	SET	73.13.
22.	J. Horan	W21B	AJAX	74.06.
23.	S. Murray	M40	SET	74.08.
24.	N. Carroll	M45	GEN	74.13.
25.	J. Flegg	W45	SET	74.26.
26.	H. Creagh	W17	3 ROC	75.59.
27.	B. Power	M40	SET	77.01.
28.	D.N. Rowe	M65	3 ROC	81.20.
29.	W. McCormack		GEN	81.37.
30.	J. Lynam	M60	3 ROC	81.41.
31.	P. Dempsey	M50	GEN	82.15.
32.	P. Ryan	M35	GEN	84.14.
33.	G. Dempsey	M17	GEN	85.06.
34.	M. Hewson	M55	GEN	85.08.
35.	H. Convery		3 ROC	85.16.
36.	J. Dunlop	M40	3 ROC	89.39.
37.	N. Creagh	W50	3 ROC	89.50.
38.	J. Walshe	M40	DLSO	92.02.
39.	R. Norton	M50	3 ROC	94.09.
40.	P. Cooke	M50	AJAX	95.15.
41.	A. McBride	W21B	GEN	95.17.
42.	B. Walsh	M40	3 ROC	97.00.
43.	D. MacPherson		FIN	100.36.
44.	L. Convery	M50	3 ROC	101.41.
45.	B. Hollinshead	M45	3 ROC	103.24.
46.	J. Butler	M11	3 ROC	103.39.
47.	P. Butler	M40	3 ROC	103.40.
48.	J. Creagh	M55	3 ROC	112.32.
49.	B. Quigley	W21B	FIN	115.33.
50.	A. Nugent	M21B	FIN	119.22.
51.	J. Cathalan	W21	UCDO	127.32.
52.	Anthony ?			129.15.
53.	M. Halpin	M21	KSO	129.15.
54.	D. Lang	M17	GEN	131.28.
55.	M. O'Regan	M21B	330	196.15.
56.	C. Cotter			DNF
57.	P. Corrigan			DNF
58.	B. Forrester			DNF

C. Course Contd.

59.	Geraldine & David	DNF
60.	B. Marren	DNF
61.	E. Murphy	DNF
62.	V. Devany	DNF
63.	M. Lunt	DNF
64.	R. Brooks	DNF
65.	C. Delahunt	DNF
66.	J. McLeod	DNF
67.	T. Tobin	DNF
68.	B. McDonald	DNF
69.	O. Colmaine	DNF
70.	D. Colmaine	DNF
71.	M. Colmaine	DNF
72.	C. Hicks	DNF

D. Course 2.3 Km.

1.	S. O'Neill	M11	DLSO	35.35.	
2.	S. Rothery	M60	3 ROC	35.51.	
3.	D. Large	W50	GEN	36.13.	
4.	E. McAuley	W21B	GEN	36.20.	
5.	D. Hickey	M13	DLSO	39.31.	
6.	A. McCormack	W40	GEN	46.15.	
7.	E. Walshe	W40	DLSO	50.15.	
8.	E. Cathalin	W17	3 ROC	53.35.	
9.	W.J. O'Neill		SET	53.57.	N/C
10.	M. O'Neill	W10	SET	54.08.	
11.	F. O'Neill		SET	54.09.	N/C
12.	S. Walshe	M11	DLSO	56.50.	
13.	M. Finnegan		KSO	57.40.	
14.	V. Murtagh	W45	3 ROC	59.46.	
15.	D. Poalson		CD	60.08.	
16.	A. Cooke	W15	AJAX	64.46.	
17.	S. Dempsey		GEN	66.38.	
18.	A. O'Riordan	M11	DLSO	67.30.	
19.	K. Haugh	M11	DLSO	67.55.	
20.	E. Mernagh		3 ROC	68.50.	
21.	J. Drum	W21B	UCDO	71.47.	
22.	Evans	M40		71.59.	
23.	R. Doorley	W50	GEN	87.25.	
24.	J. Doorley	M50	GEN	88.49.	
25.	D. & C. Butler	M40	SET	96.39.	
26.	G. Syme			96.46.	
27.	R. Syme			97.30.	
28.	J. Syme			97.31.	
29.	S. Butler	W40	SET	98.12.	
30.	M. Kelly		CBO	106.25.	
31.	K. O'Connor			106.26.	
32.	J. Hazlett	W21	SET	119.07.	
33.	N. Brady	M11	DLSO	120.30.	
34.	P. Kelly	M13	DLSO	124.31.	
35.	J. Whelan	M21B	SET	DNF	
36.	V. Molloy	M11	DLSO	DNF	
37.	B. Flanagan	W40	3 ROC	DNF	

Wayfarers X Course

1.	E. Butler	26.08.
2.	C. Syme	26.20.
3.	C. Butler	26.20.
4.	M. Flynn	35.40.
5.	K. McCormack	39.18.
6.	C. Thornhill	40.01.
7.	J. Delaney	52.03.
8.	C. Ryan	52.40.
9.	Broadhead	65.26.
10.	Broadhead	67.00.

Wayfarers Y Course

1.	N. Lawlor	39.33.

Wayfarers Z Course

1.	J. Lumlay	32.16.
2.	J. Raftery	32.16.
3.	C. Baker	42.34.
4.	D. McCarthy	58.24.

E.C.O. would like to thank all those who participated.

PINE FOREST
DECEMBER 26th:

STRING-COURSE RESULTS

John Keane	3mins.
Helen Keane	"
Cian Fitzsimons	"
Dara Smith	4mins.
Deirdre Murphy	"
Mieke Ryan	"
Niamh Nolan	"
Gareth Murphy	5mins.
Pamela Flanagan	"
Paul Keane	"
Aisling Walsh	6mins.
Shiela Nolan	7mins.
Niall Walsh	"
Brendan Murphy	8mins.
D. Ryan	"
Kevin Flanagan	9mins.
Niamh Lalor	"

UCDO FUN EVENT AT BELFIELD 20th DECEMBER 1988

A COURSE 8.0KM (NORWEGIAN)

1	Justin May	3ROC	M21	38:32
2	John McCullough	3ROC	M21	41:20
3	Stephen T Walsh	UCDO/SET	M21A	42:10
4	B.Buckley	SET	M40	45:39
5	P.Dempsey	GEN	M50	45:46
6	T.Rafferty	FIN	M21B	45:53
7	P.McCormack	GEN	M15	46:14
8	Larry Roe	3ROC	M40	47:58
9	Rachel Burgess	UCDO/3ROC	W17	48:00
10	Una Creagh	3ROC	W19	51:15
11	T.McCormack	GEN		53:21
12	M.Healy	GEN	W21A	53:53
13	John Barry	ECO		54:12
14	C.O'Mara	3ROC		54:19
15	Nessan O'Leary		M21	54:32
16	Tom Keenan	UCDO	M21	55:00
17	John Kenny	DUO	M21	56:12
18	G.Morgan	CMO	M21B	56:24
19	Brian Heeney	GEN/CLOG	M21A	56:30
20	Martin Flynn	UCDO	M21	57:31
21	Leonard Floyd	Fingal	M15	59:29
22	Hilde Creagh	3ROC/COMAD	W17	59:48
23	Anita Delaney	CBSI	W21	66:09
24	Tagh Delaney	CBSI	M21	66:11
25	D.Hickey	ECO	M21	67:21
26	Eoin Byrne	OAT	M17	73:30
27	Philip Doran	CBSI	M21	74:04
28	Eamon O'Brian	92nd Clontarf		85:20

B COURSE 6.8 Km

1	Noel Carroll	GEN	M45	38:28
2	Gavan Doherty	GEN	M15	48:15
3	J.Gray	3ROC	M40	49:10
4	Brendan Doherty	GEN	M40	51:15
5	R.Norton	3ROC	M50	51:47
6	Pat Flanagan	3ROC		53:02
7	J.Fitzsimons	ECO	M40	54:09
8	N.Crawford	3ROC	M40	55:14
9	S.O'Neill	DLSO	M11	56:48
10	M.Somers	DLSO	M15	71:10
11	D.Mac Phersm	FIN	M35	75:00
12	Dominic Lane	GEN	M17	83:01
	Colm Donnelly			MP 4
	Brendan Quinn	Took wrong route		
	S.Murtagh			DNF
	Ciaran Doyle			DNF
	Alan Flynn			DNF
	Aubrey Fleeg	Lost card		
	John Mc Evoy	Card lost or not returned		

C COURSE 5.5 KM (NORWEGIAN)

1	David Quinn	GEN		28:26
2	J.Watt	GEN	W35	31:37
3	Dermot Kennedy	GEN	M21B	33:30
4	P.Butler	3ROC	M40	34:57
5	B.Hollinshead	3ROC	M45	35:15
6	Colin Dunlop	SET	M50	35:18
7	A.Bonar Law	GEN	M55	35:23
8	Eamonn Treacy		M17	36:08
9	B.Cryan	3ROC	M21B	36:10
10	M.Nowlan	3ROC	W35	36:15
11	K.Ganter			37:33
12	David Smyth		M21	37:41
13	G.Dempsey	GEN	M17	39:10
14	B.Quigley	FIN	W21B	40:21
15	Johnnie O'Neill	UCDO	M19	40:50
16	M.O'Neill	DLSO	M15	41:28
17	E.Jones	KSO/FIN	W21	41:48
18	Paddy Walsh	SET	M55	42:20
19	John Bean	FIN	M21B	42:47
20	Barry Doherty	GEN	M17	43:52
21	Maire Walsh	3ROC	W40	44:19
22	B.Flanagan	3ROC	W40	45:36
23	Anthony Nugent	FIN	M21B	45:56
24	P.Cooke	AJAX	M50	46:38
25	Peter Hodson		M21	47:32
26	Stephan McWabb & Co	DO	M15 M13	48:45
27	M.Hewson	GEN		49:14
28	J.Lynam	3ROC	M60	51:00
29	M.Higgins	SET	W15	53:40
30	Yvonne Finnegan	KSO		57:27
31	Suzanne Murphy			62:27
32	David Lyons			62:45
33	P.H.Ryan	GEN		64:27
34	Sarah McEvoy	KSO		67:18
35	M Finegan	KSO	W21	69:17
36	Roger Harrington	92nd Clontarf	M21	77:30
37	Kevin O'Regan	92nd Clontarf	M13	77:30
38	K.Shorthall			78:24
39	Brian Collison 92nd	M12	80:30	
		Clontarf		
40	Philip Ryan	92nd Clontarf	M13	80:30
41	D.Mathews			86:37
42	Robert O'Boyle	92nd Clontarf	M13	92:30
43	Gerard McCullagh	92nd		92:31
44	Conor Brennan	92nd	M13	105:39
45	Cathal O'Reilly	92nd	M13	105:39

D COURSE 4.0 KM

1	V.& B.Delaney	GEN		26:31
2	John Dunlop	3ROC		26:41
3	C.Carroll	3ROC	M55	31:40
4	M.Gallician			33:18
5	D.Large	GEN	W50	33:49
6	David Brooks	3ROC	M45	35:04
7	Emmet Flynn	SET	M13	35:12
8	Andrea McCormack	GEN	W40	36:36
9	C.Anderson	UCDO		36:42
10	C.McNeill	3ROC		36:58
11	Tony Conneff	DLSO	M13	38:25
12	Rosemary Doorly	GEN	W50	38:48
13	J.Flegg	SET	W45	39:09
14	Paul Power		M21C	40:40
15	Shane Kelly	UCDO	M19	41:45
16	Danial Moran	UCDO	M19	41:47
17	Vera Murtagh	3ROC	W45	42:18
18	B.O'Neill	SET		42:49
19	Fran O'Neill	SET		42:51
20	J.Doorly	GEN	M50	45:30
21	Stephen Dempsey	DLSO	M11	46:10
22	Damian Hickey	DLSO	M13	46:14
23	Peter Hanlon & Jennifer Carey	Crusaders A.C.		47:17
24	A.Sinclair	COMAD	M19	54:39
25	J.Butler	3ROC	W40	54:44
26	Aedamar Cooke	AJAX	W15	55:14
27	Cathal Ryan	DLSO	M11	55:15
28	Jim & George Callery			58:10
29	O'Colman			58:18
30	O'Colman			58:20
31	Emer Mullany	UCDO		62:58
32	Amy Butler	3ROC	W15	63:37
33	Maria O'Burne	UCDO		65:52
34	Richard Mullins	DLSO	M11	69:03
35	Niall Brady	DLSO	M11	72:55
36	D.Carroll	GEN	W45	76:20
37	Ann Naughton			79:02
38	Bridget Lynam		W70	89:35
39	James Carraher & Co		97:37	
40	Gareth Murphy			111:21
41	Brendan Murphy			111:30
	A.Bell			DNF
	Deirdre Murphy			DNF

E COURSE 2.0 KM

1	Alan De Lacy	ECO	M10	17:17
2	Jean Mullen	3ROC	W55	27:49
3	Sybil McCormack	GEN	W10	28:02
4	Y.O'Connor			29:55
5	S.Delaney	GEN		32:32
6	Tracy Sweetman & Ailbe Elliot			33:19
7	Fiona Mac Neill	3ROC	W9	35:12
8	B.O'Mara	3ROC		35:45
9	Brian Fay	Naas		37:20
10	Breda Fay	Naas		37:20
11	D.Mac Neill	3ROC	M8	38:30
12	David Fay	Naas		40:00
13	Janet Maddock			44:06
14	J.Butler	3ROC	M11	46:17
15	Kyram Carroll	3ROC	M11	46:18
16	Cian Fitzsimons		M8	54:52
17	N.& E.Doorly	GEN	W10	61:25
18	A.Delaney	GEN	W11	71:20
	A.Lynch & Co	GEN		MP 8
	L.& B.Crawford			DNF

Controller : Thomas Callery
Planners :
Thomas Callery (A & C)
Alison Michael (B)
Jocelyn Cathalin (D & E)
Organiser : David Casey

******** 3ROC CHRISTMAS SCORE EVENT ********

RESULTS OF 3ROC CHRISTMAS SCORE EVENT, 26 December 1988, Pine Forest, Co. Dublin.

SCORE	NAME	CLUB	AGE-GROUP	SCORE-PENALTY
320	M. O'Hara	AJAX	M35	350 - 30
310	David W---?	BSO	-	--
"	A.Flegg	SET	-	--
"	M. McPherson	3ROC	W21	--
"	J. McCullough	3ROC	M21	360 - 50
"	B. Bell	GEN	M21	320 - 10
"	T. Callery	UCDO	M19	320 - 10
300	M. Donovan	WCOC	M21	340 - 40
"	S. Walsh	UCD/SET	M21	450 -150
"	B. Dalby	3ROC	M21	---
"	M. Geoghegan	AJAX	-	310 - 10
"	T. McCormack	GEN	-	310 - 10
"	C. Dunlop	SET	M50	310 - 10
290	P. Gargan	AJAX	-	320 - 30
"	P. McCormack	GEN	M45	330 - 40
280	P. Harrington	-	-	300 - 20
270	P. Flanagan	3ROC	M40	280 - 10
"	M. Deasy	UCGC	M21	330 - 60
260	J. Kenny	DUO	M21	330 - 70
"	D. Deasy	SET	M21	---
"	N. Carroll	GEN	M45	350 - 90
"	L. Donovan	3ROC	M21	290 - 30
"	L. Floyd	FINGAL	M15	290 - 30
250	N. Crawford	3ROC	M40	310 - 60
"	B. Heeney	GEN/CLOG	M21	270 - 20
"	D. Quinn	GEN	-	---
"	U. MacPherson	3ROC	W21	---
240	P. Lawless	-	-	250 - 10
"	M. Nolan	3ROC	W35	---
"	P. Smyth	-	M21	540 - 270
230	J. Watt	GEN	W35	270 - 40
220	D. Smyth	-	M21	230 - 10
"	N. Carroll	GEN	M17	250 - 30
"	A. Bonar-Law	GEN	M55	240 - 20
"	T. Corrigan	BSO	M21	240 - 20
210	W. McCormack	GEN	-	230 - 20
"	P. Walsh	SET	M55	240 - 30
"	J. Kearney	3ROC	-	220 - 10
200	B. Doherty	GEN	M40	250 - 50
"	D. O'Dubhda	KO	-	---
"	B. Buckley	SET	M40	290 - 90
"	S. Doorly	GEN	M21	210 - 10
200	F. Flood	FINGAL	M21	260 - 60
190	Humphrey ?	-	-	280 - 90
"	D. Brooks	3ROC	M45	270 - 80
"	C. Fletcher	UCDC	-	210 - 20
180	S. Carroll	GEN	M15	---
"	J. Flegg	SET	W45	---
"	M. McAuliffe	3ROC	M21	---
"	Baby Dempsey	GEN	infant	---
"	B. Clery	SET	M15	---
"	A. Green	CLOG	M21	250 - 70
"	B. Flanagan	3ROC	W40	---
"	N. Lee	3ROC	W21	---
"	M. Walsh	3ROC	W40	240 - 60
170	J. Dunlop	3ROC	-	190 - 20
170	R. Norton	3ROC	M50	210 - 80
"	R. Carson	SET	M11	---
"	E. Treacy	-	M17	---
"	M. O'Neill	SET	M15	220 - 50
"	C. Doorly	GEN	-	---
160	Dempsey	IMC	W21	180 - 20
"	S. Morgan	SET	M21	170 - 10
150	D. Smith	FINGAL	M10	---
"	S. Dempsey	GEN	-	---
"	J. Lalor	GEN	-	---
"	J. Gray	3ROC	M40	250 - 100
"	J. Welehan	SET	M21	160 - 10
140	N. O'Clery	-	M21	180 - 40
"	D. McPherson	FINGAL	M35	200 - 60
130	P. Harbison	-	-	160 - 30
"	J. Bean	FINGAL	M21	160 - 30
"	C. Carroll	3ROC	M55	150 - 20
"	N. Lalor	GEN	-	---
"	P. Keane	3ROC	M40	240 - 110
"	B. Hollinshead	3ROC	M45	---
"	J. Barry	ECO	-	290 - 160
"	U. Cole	-	W21	---
"	J. Lynam	3ROC	M60	---
"	???	-	-	160 - 30
"	J. Keane	3ROC	W40	---
"	M. Galligan	GEN	-	---
120	B. Doolan	SET	-	140 - 20
"	F. O'Neill	SET	-	---
"	S. Fletcher	-	-	---
"	G. Murphy	-	-	---

SCORE	NAME	CLUB	AGE-GROUP	SCORE-PENALTY	SCORE	NAME	CLUB	AGE-GROUP	SCORE-PENALTY
							KSO/FIN		
120	C. O'Mara	3ROC	M21	150 - 30	60	E. Jones	KSO/FIN	W21	---
"	P. Brennan	SET	M21	190 - 70	"	S.&C. Butler	SET	W35	---
"	M. Coleman	AJAX	W21	150 - 30	"	S.& M. Healy	GEN	-	---
"	M. Flynn	SET	M21	250 - 130	50	Killeen family	"	"	---
"	G. Doherty	GEN	M15	210 - 90	"	S. O'Regan	"	"	---
110	M. Meagher	-	M21	120 - 10	40	M.Leahy & P. Atling	-	-	160 - 120
"	J. Drumm	UCDO	W21	---	"	C. Butler	SET	W11	---
"	M. McGranaghan	-	W21	---	"	M. Ryan	"	-	60 - 20
"	C. Bonar-Law	-	-	230 - 120	"	D. Murphy	"	-	60 - 20
"	S.A. Buckley	-	W21	120 - 10	"	A. Moloney	"	-	---
"	D. Kennedy	GEN	M21	---	30	B. Murphy	"	-	60 - 30
"	J. Doorly	GEN	M50	---	"	D. Ryan	"	-	60 - 30
"	J.P. Clarke	GEN	M45	140 - 30	"	E. Butler	SET	W40	---
"	J. Cathalin	UCDO	W21	---	"	D. Lang	GEN	M17	140 - 110
100	A. Michael	UCDO	W21	---	"	M. Flynn	-	W21	60 - 30
"	S. Marley	-	-	160 - 60	"	B. McManus	"	-	120 - 90
"	S. O'Neill	DLSO	M11	---	10	K.McGill	"	-	70 - 60
"	Jordan Family	-	-	---	0	W.J. O'Neill	SET	-	110 - 110
"	A. MacBride	GEN	W21	200 - 100	0	K.O'Neill	SET	W10	110 - 110
90	B. O'Boyle	CU	W21	170 - 80	-20	U.McEntee	-	-	120 - 140
"	G. O'Regan	-	W21	---	"	S.Byrne	-	W21	30 - 50
"	G. Brennan	-	M10	110 - 20	"	K. Kellett	OSAC	-	90 - 110
"	T. Brennan	-	-	110 - 20	-30	C. Harrington	"	-	300 - 390
80	M. McNamara	OSCS	W15	---	"	M. Doorly	"	-	120 - 150
"	J. Fitzsimons	ECO	W40	120 - 40	-	F. Ganter	"	M21	150 - 180
"	M. Yates	OSCS	W15	---	-40	S. Coghlan	"	-	130 - 170
"	E. Farrell	-	-	---	-70	Y. O'Connor	"	-	100 - 170
"	C. McElligot	IMC	-	120 - 40	"	R. Doorly	OSAC	-	110 - 180
"	M.J. Lynch	BSO	M21	140 - 80	-80	C. Fitzsimon	"	M8	40 - 120
"	R. Farrell	-	-	---	-130	D. & S.Butler	SET	-	---
"	Chicken	-	-	100 - 20	-160	P. Murray	"	-	100 - 260
70	E. Harrison	-	-	130 - 60	-190	A. Murray	"	-	100 - 290
"	M. Buckley	-	M21	---	-210	G. Murphy	"	-	20 - 230
"	D. Large	GEN	W50	160 - 90	-230	D. Smith	"	-	40 - 270
"	????	-	-	---	-270	Quinn	"	-	90 - 360
"	P. Michael	-	M21	---	-310	F. O'Brian & P.McEntee	"	-	110 - 420
"	J. Hazlett	SET	W21	120 - 50	-320	P. ? ???	"	-	80 - 400
"	J. Smiley	-	-	100 - 30	-320	G. Somers	"	-	100 - 420
60	P. Smiley	-	-	100 - 40	-330	H. Deasy	"	-	90 - 420
"	Brennan	-	-	90 - 30	-340	J.D. Hogan	"	-	60 - 400
"	M. Newson	GEN	-	100 - 40	-390	J. McEntee	"	-	120 - 510
"	J. Meagher	-	W21	---	-440	D. Kellett	"	-	0 - 440
"	P. Hodson	-	M21	160 - 120	-650	J. Naughton	"	-	50 - 700
"	M. Finegan	KSO	W21	---					

AJAX COLOUR EVENT
KILLINEY HILL PARK
SUNDAY JANUARY 8, 1989
RESULTS

WHITE COURSE

E.S. Niland	**AJAX**	M11	8.23
C. Fitzsimons	-	M 8	8.58
S. Niland	**AJAX**	M10	12.54
S. McCormack	GEN	W11	13.35
P. Flanagan	3ROC	W 7	18.15
A. Walsh	3ROC	W 6	18.15
S. McCormack	GEN		19.10
D. Cathalin			19.15
A. Keogh			19.49
S. Neilson			20.05
C. Mahony	GEN	W11	20.36
H. Niland	**AJAX**	W 5	21.59
A. Barry	GEN	M10	22.59
N. Nowlan	3ROC	W7	23.30
S. Nowlan	3ROC	W5	23.50
I. Looby			25.35
N. Brooks	3ROC	W7	26.48
E. Fitzsimons	-	W 3	28.20
Monnelly			29.08
R. McCormack	GEN	M10	30.36
N. Comiskey			31.26
R. O'Brien			32.45
K. McCormack	GEN	W10	36.30
Órla & Ríona			40.00
S. Lillis			40.40
A. Lillis			40.40
J. Karraher			43.02
Grays			43.48
Lambert			44.56
A. Power	SET		48.14
S. Glavey & 4	3ROC		60.34
N. NiCholmain	wrong no 10		
S. Healy	Gen		Disq.

Yellow Course

Russell			19.22
S. Collins			20.30
F. Collins			20.49
S. Weldon	Trim	W 7	20.50
O. Collins		W13	21.51
C. Owens	GEN		21.51
M. O'Neill	SET	W10	23.00
W.J. O'Neill	SET	M40	23.03
V. Murphy	GEN	M50	23.50
N. Lalor	GEN	W21B	24.21
E.S. Niland	**AJAX**	M11	25.10
L. Clark	GEN	W15	25.50
B. Clarke	GEN	M10	27.40
J. & M. Kavanagh	Naas		28.25
O'Grady	GEN		30.57
D. O'Brien	7 Dub SAI		32.32
R. Owens	GEN		33.40
A. Cooke			34.00
C. Fleming			34.07
S. Fleming			34.18
C. Coughlan			34.20

Yellow Course continued

L. Quill	FIN	W40	34.20
A. Naughtun	FIN		34.45
C. Fleming			35.58
L. Mahon		W11	36.10
Delaney	GEN		36.40
M. Carty			40.00
M. Gaughan			40.00
J. Butler	3ROC	W40	40.19
A. Horan	Trim	W17	46.00
B. O'Hare	FIN	W21B	46.50
K. Carroll	3ROC	M13	51.00
R. Barry	GEN	M10	60.15
D. McQuaid	wrong	No. 10	
T. McQuaid	wrong	No. 10	
R. O'Sullivan	wrong	No. 10	
A. Hannigan	wrong	No. 10	
Four Non Finishers			

Orange Course

J. Whelehan	SET	M21B	47.14
S. Rothery	3ROC	M60	51.05*
D. Barry	GEN	M35	52.08
L. Convery	3ROC	M50	53.46
M. O'Neill	SET	M15	58.50
H. Convery	3ROC	W50	59.20
K. Convery	3ROC	W15	61.50
D. Large	GEN	W50	63.48
E. Glanville	3ROC	W15	65.25*
P. Evans		M40	66.36
A. Owens	GEN		66.50
P. Hicks	**AJAX**	M17	68.05*
K. Hickmott	3ROC	W15	73.10
A. McCormack	GEN	W40	76.07
S. O'Neill	DLSO	M13	79.17
Loughlin Rigby		M13	79.20
B. Quigley	FIN	W21B	79.45
Kerrish			79.50
S. Convery	3ROC	W13	80.12
H. Lambert			82.33*
H. Coghlan	GEN	W21B	85.17
F. O'Neill	SET		89.32
F. Nolan	N.H.		90.10
B. Keane		M17	90.17
N. Coady			90.30
Jordan			94.00
F. Murray	SET	M15	94.50
J. Doorly	GEN	M50	101.28*
Scott			110.34
P. Conneff	DLSO	M50	112.13
M. Higgins	SET	W45	112.20
C. Lord	Trim	W15	121.30
J.D. Clarke	wrong	No. 7	
T. Nolan	wrong	No. 7	
S. Kavanagh	wrong	No. 9	
18 Non Finishers			

KILLINEY HILL RESULTS CONTINUED

Red Course

P. Smyth		M21	50.11
P. Healy	CURR	M35	51.10
D. Quinn	GEN		51.40
B. Bell	GEN	M35	53.50
W. Young	CURR	M35	56.28*
P. McCormack	GEN	M45	56.43
N. Carroll	GEN	M45	59.12
L. Roe	3ROC	M40	60.15
M. Lunt	GEN	M50	61.00
R. Burgess	3ROC	W19	61.19
C. Dunlop	SET	M50	62.32
B. Heeney	GEN/CLOG	M21	63.13*
M. Deasy	UCGO		63.36
S.T. Walsh	UCDO/SET	M21	63.50
G. Cunningham	UCDO	M21	64.56
M. Healy	GEN	W21	66.12
C. Nic Mhuiris	UCGO	W21	67.20
M. MacPherson	3ROC	W21	68.00
P. Glanville	UCDO	M19	68.52
M. Flynn	SET	M21	69.24
T. McCormack	GEN		69.50
B. Doherty	GEN	M45	70.00*
F. Flood	FIN	M21	70.07
A. Green	CLOG	M21	70.28
N. O'Leary		M21	71.07
P. Walsh	SET	M55	71.30
N. Crawford	3ROC	M45	71.33
W. McCormack	GEN	W35	71.44
R. Flynn	**AJAX**	M45	71.51*
Maire Walsh	3ROC	W40	73.00
M. Nowlan	3ROC	W35	73.45*
N. Carroll Jnr	GEN	M19	73.45
R. Garrett	3ROC	M35	74.38
H. Creagh	3ROC	W19	75.22
W. Quinn	Trim	M21	77.30
J. Lalor	GEN	M35	77.38
J. Watt	GEN	W35	77.43
S. Murray	SET	M40	79.56
D. O'Connor	CURR		80.06
P. O'Meara	Trim	M21	81.04
B. Hallowes	3ROC	M40	81.10
D. Brooks	3ROC	M45	81.25
N. Farrell	SET	M21	82.17
D. Scanlon		M21	82.32*
B. Doherty	GEN	M19	83.38
C. O'Mara	3ROC		84.00*
D. Keane	Trim	M19	84.15
J. Rowe	Trim	M21	84.18*
B. Power	SET	M40	85.04
C. Quinn	Trim	M21	86.20
E. Niland	**AJAX**	M15	86.50*
B. Flanagan	3ROC	W4o	87.52*
B. Doolan	SET		88.22*
F. Lafferty	FIN	M21	88.50
L. Floyd	FIN	M15	89.10
T. Keegan	UCDO		90.15
T. Callery	UCDO	M21	90.54*
S. O'Boyle	CURR	M21	91.03
B. Hollinshead	3ROC	M50	91.35
D. Watt	GEN	M40	91.37
E. Treacy		M19	92.30
P.H. Ryan	GEN	M35	92.36
P. Cooke	**AJAX**	M50	93.54
M. Doyle	CURR		94.17
C. Carroll	3ROC	M55	94.36
P. Lord	Trim	M40	95.29
P. Butler	3ROC	M40	102.34
P. Dempsey	GEN	M50	102.38
A. Hallowes	3ROC		102.40
C. Anderson	UCDO		104.41
G. Dempsey	GEN	M17	104.51
A. Michael	UCDO	W21	109.09
C. Hicks	**AJAX**	M40	110.38
J. Cathalin	UCDO	W21	112.40*
D. Lang	GEN	M17	122.30
G. Hoban		M21	124.32
A. Heary	Trim	M17	140.48
M. Kellett	OBAC	M50	164.19
D. Kellett	OBAC	M17	178.19
A. Bonar Law	wrong no. 6		
R. O'Colman	Missed no. 19		
M. O'Colmain	Missed no. 19		
P. Conroy	Missed no. 21		
A. Flynn	Wrong no. 21		
N. Doyle	Wrong no.2		
V. Delaney	wrong no. 6		
P. Hodson	Wrong no.10		

20 Non Finishers

Please note that times marked with an * on the orange and red courses means that the competitor neglected to punch at one or more of the mastermaps.

AJAX Orienteers would like to thank all who came along and took part in this colour event at Killiney Hill.

Any enquiries about AJAX Orienteering Club can be made to :

Deirdre Lewis
16 Vincent Street
South Circular Road
Dublin 8.

Thanks to Catherine Lyons for her proficient organising of the event and to Eoin Rothery for his much praised planning.

Result of GEN league event at Carrigollagan Sunday 15 January 1989

Planner:Brian Heavy Controller:David Quinn Organiser:Mary Healy

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RESULTS
LEINSTER SCORE CHAMPIONSHIPS
CRONEY BYRNE : 29 JANUARY 1989

MENS OPEN

PLACE	NAME	CLUB	SCORE	
1	J. MAY	3ROC	510	
2	W. YOUNG	ECO	450	
3	T. CALLERY	UCDO	375	7226
4	B. DELANEY	ECO	375	8142
5	M. DEACY	UCGO	360	
6	1. McNEILL	3ROC	335	7055
7	J. McCULLOUGH	3ROC	335	7931
8	P. REDMOND	SET	300	7320
9	P. KERNAN	AJAX	300	7447
10	M. GEOGHEGAN	AJAX	300	7854
11	P. HETHERINGTON	BSO	265	6629
12	M. O'KEEFE	FINO	265	7505
13	J. LAWLOR	GEN	255	7053
14	F. LAFERTY	FINO	255	
15	J. MAGUIRE	UCDO	235	6701
16	G. MAGUIRE	UCDO	235	6702
17	B. HEENEY	GEN	235	8904
18	G. CUNNINGHAM	UCDO	250	
19	D. CASEY	UCDO	225	6704
20	H. BUTTERFIELD	UCDO	225	8557
21	S. O'BOYLE	CURRO	220	
22	J. BEAM	-	215	6553
23	B. O'BRIEN	-	215	7831
24	D. BARRY	GEN	205	
25	T. KEENAN	UCDO	205	7339
26	P. SMITH	-	205	7535
27	G. SMITH	FINO	200	
28	S. CORRISH	-	195	7107
29	P. RYAN	GEN	195	7145
30	P. SARGAN	AJAX	195	10002
31	S.T. WALSH	UCDO	185	
32	B.G. CRYAN	3ROC	180	
33	M. AHERN	-	175	
34	D. CASHIN	TO	165	
35	D. KELLY	FINO	160	
36	P. LANE	ECO	155	
37	A. MAGUIRE	-	130	
38	? DELANEY	GEN	125	7202
39	D. KENNEDY	GEN	125	8145
40	? GANTER	-	115	
41	L. JONES	KSO	110	
42	M. FINNEGAN	KSO	105	
43	R. McDONALD	CURRO	95	
44	T. FINNEGAN	KSO	85	
45	G. SWEENEY	CURRO	65	
46	C. O'MEARA	-	35	
47	D. MURPHY	ECO	-75	
48	L. DOODY	3ROC	-230	
49	D. CUNNINGHAM	ECO	-235	
50	M. HALPIN	KSO	-320	

M 40+

PLACE	NAME	CLUB	SCORE	
1	E. NILAND	AJAX	320	
2	L. ROE	3ROC	280	
3	A. BONARIAN	GEN	265	
4	P. FLANAGAN	3ROC	240	
5	B. O'NEILL	CURRO	230	
6	C. TYNER	3ROC	225	
7	D. BURGESS	3ROC	220	
8	T. McGRATH	3ROC	215	
9	T. McCORMACK	GEN	205	
10	D. WATT	GEN	195	6102
11	B. McGRATH	3ROC	195	6553
12	T. RUSSELL	ECO	195	7331
13	H. WHITE	-	185	6046
14	B. HALLOWS	3ROC	185	6154
15	H. INGLIS	GEN	175	6425
16	R. FLYNN	-	175	5433
17	R. FLYNN	SET	175	5930
18	C. DUNLOP	SET	160	
19	B. BELL	GEN	155	
20	P. BUTLER	3ROC	150	7011
21	M. HEWSON	GEN	150	7314
22	? DOOLAN	-	125	
23	W.J. O'NEILL	SET	115	
24	S. ROTHERY	3ROC	100	6449
25	D. BROOKS	3ROC	100	7119
26	P. WALSH	SET	95	
27	G. WEAGAR	GEN	80	5423
28	P. COOKE	AJAX	80	6545
29	J. DOORLY	GEN	50	
30	P. DEMPSEY	GEN	40	
31	J. FRAY	3ROC	15	
32	L. CONVERY	3ROC	-15	
33	B. BUCKLEY	SET	-40	
34	B. BUCKLEY	SET	-40	
35	B. DOHERTY	GEN	-210	

W 40+

PLACE	NAME	CLUB	SCORE	
1	M. HOWLAN	3ROC	245	
2	B. FLANAGAN	3ROC	195	
3	M. THORNHILL	GEN	185	
4	M. WALSH	3ROC	145	
5	D. LARGE	GEN	135	
6	W. McCORMACK	GEN	130	
7	V. MURTAGH	3ROC	90	
8	P. MAY	3ROC	65	
9	J. BUTLER	3ROC	50	
10	R. DOORLY	GEN	-5	
11	M. MORAN	GEN	-20	
12	F. O'NEILL	SET	-50	N/C
13	P. REDMOND	SET	-75	

M 15+

PLACE	NAME	CLUB	SCORE	
1	P. NOLAN	DLSO	235	5739
2	G. DOHERTY	GEN	235	5927
3	D. TYNER	3ROC	215	
4	S. GOOD	3ROC	210	
5	A. FLYNN	SET	200	
6	A. MURRAY	3ROC	190	
7	C. ANDERSON	UCDO	130	
8	C. CRAWFORD	3ROC	90	5817
9	A. DELANEY	ECO	90	5821
10	S. O'NEILL	-	40	
11	G. DORMAN	FINO	10	
12	A. KEOGH	AJAX	-10	
13	A. O'MULLANE	DLSO	-30	
14	? MORRISSAN	-	-65	
15	T. McQUAID	-	-210	
16	M. HARRINGTON	-	-230	

WOMENS OPEN

PLACE	NAME	CLUB	SCORE
1	R. BURGESS	3ROC	330
2	M. McPHERSON	3ROC	320
3	E. LOUGHMAN	NAASO	230
4	M. STEWART	LVO	180
5	B. HYNES	GEN	175
6	A. McBRIDE	GEN	170
7	A. SHERIDAN	UCDO	140
8	N. LALOR	GEN	120
9	A. O'DONNELL	UCDO	115
10	C. Ni CHORRA	UCDO	105
11	E. CONROY	AJAX	100
12	S. McINERNEY	FINO	65
13	C. MacNEILL	-	45
14	C. MURPHY	FINO	40
15	C. McNEILL	3ROC	35
16	A. KELLY		-55
17	M. KELLY	UCDO	-70
18	S. McEVOY	KSO	-190
19	Y. FINNEGAN	KSO	-210
20	B. O'HARE	FINO	-300

W 15+

PLACE	NAME	CLUB	SCORE
1	E. GLANVILLE	3ROC	185
2	K. CONVERY	3ROC	155
3	E. CATHALAIN	3ROC	110
4	I. DELANEY	ECO	90
5	A. COOKE	AJAX	80
6	R. WATT	WO	60
7	J. CATHALAIN	UCDO	-15
8	J. HAZLETT	SET	-30
9	J. BUTLER	3ROC	-70

M 15-

PLACE	NAME	CLUB	SCORE	
1	S. WALSH	DLSO	100	
2	S. NILAND	AJAX	50	3606
3	S. NILAND	AJAX	50	3614
4	S. O'NEILL	SET	40	
5	J. BUTLER	JROC	20	
6	K. CARROLL	JROC	20	
7	P. O'HARA	AJAX	10	
8	E. NILAND	AJAX	5	
9	L. O'HARA	-	0	
10	E. REDMOND	SET	-15	
11	E. FLYNN	SET	-20	
12	N. BRADY	DLSO	-50	
13	M. O'NEILL	-	-65	
14	C. RYAN	DLSO	-70	5108
15	D. SMYTH	FIND	-70	5247
16	D. HICKEY	DLSO	-70	6700
17	M. McADAM	-	-80	
18	K. DEMPSEY	WD	-90	
19	K. DEMPSEY	WD	-90	
20	R. BARRY	GEN	-130	
21	N. REDMOND	SET	-150	
22	D. DOORLY	GEN	-400	
23	D. SMITH	FIND	-710	

W 15-

PLACE	NAME	CLUB	SCORE
1	S. CONVERY	JROC	60
2	C. THORNHILL	GEN	30
3	M. DOORLY	GEN	-100
4	? CARTY/CAUGHAN	-	-500

ORGANISER: P. CALLAGHAN

PLANNER: P. HEALY

Many thanks to: A. O'Sullivan, F. O'Leary, N. Duffy, P. Healy, U. Callaghan P. Farrelly, M. Doyle, A. O'Cleirigh, W. Young, B. Delaney, I Delaney and A. Delaney.

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It was our intention to produce the results on the day but alas it was not possible. We regret any disappointment or inconvenience caused.

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