the Irish Orienteer

NUMBER 7 SEPTEMBER 1983

THE IRISH ORIENTEER NO.7 SEPTEMBER 1983

The "Irish Orienteer is published at two-monthly intervals and is obtainable through all Irish O-clubs' secretaries. All material concerning orienteering, including photographs, will be gratefully received by the editor, John McCullough, 34 Dun Emer Drive, Sandyford Road, Dublin 1 4.

The next issue of the "Irish Orienteer" will be published in mid-November 1983. Copy should reach the editor BEFORE 28 OCTOBER.

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

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

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A number of adverse comments, both verbal and written have been received about the Event Reports in the last issue. I'm glad to see people are reading them. Similar reports about all events are invited, as long as they are truthful and the contributor was at the event. Far too many aspects of events (planning organising, administration) are being neglected or done in a haphazard manner, and anything which can be done to improve the present position should be welcomed. Last time contributions were only received from a few events, and this time hardly any events have taken place, and some day the need for them may have disappeared, but in the meantime they will continue. And thanks are due to the many who voiced the opinion that it was a good idea, and badly needed....at least until your own event comes under scrutiny!

It will be interesting to see what happens at the IOA Development Conference in Kilkenny in mid October. Planning has long been lacking in Irish orienteering, and the IOA is to be applauded for at last taking this initiative. Whether anybody else will match this initiative remains to be seen: will the "let tomorrow look after itself" people predominate, or will anything be achieved? There are a lot of questions which need asking about where we are going. Is orienteering ever going to grow in areas far from cities? Why has there been no leap forward since, say, the 1975 Irish Championships? How come we have no National Coach? How did Mactire OC and Sligo Orienteers die? Where are the Irish Championships going to be in 2001? Will there be any forests in 2001? Can we afford to send a womens team to WOC'85 in Australia (or, indeed, a mens team)?

I suggest we all go along and find out. But do your homework first: meetings aren't the place for coming up with half-hatched plans. A full report will appear in the November issue.

J.McC.

Letters to the Editor

207 Castletown,
Leixlip.

10 August 1983.

Dear Editor,

I noted in your last issue a series of cryptic and unsigned comments on some recent events.

These comments served no purpose except to undermine and disillusion people who have devoted so much time and effort to organising events, making maps and generally keeping the show on the road as far as orienteering is concerned in this country.

In an amateur association, such as ours, we should learn to respect those who make the effort and reserve criticism unless it will do some good.

Finally, I would like to say that, despite a press report from the Association to the contrary, I feel Justin May is a big loss to our National Team. He has had an excellent season and I wish him every success in Superstars and the Premier Triathlon.

Sincerely,
Wally Young.

66 Wedgewood,
Dundrum,
Dublin 14.

Sir,

Next year's Irish Championships will be held at Little Killary on a superb area of large and small contour detail. I mapped for a day down there last year. Lest a victory on my part be attributed to the latter, rather than the former, I have decided not to enter. However, I urge all Irish orienteers to go to this event because it will be the best event ever held in Ireland.

May I also take this opportunity to urge event organisers to write their own previews, make at least three copies, and send them to me before the event. Of course I also need the results promptly, and black and white photos (10" x 8").

Yours Sincerely,
Eoin Rothery.

The Editor,
Irish Orienteer.

Dear Editor,

I am afraid I will have to take up some more space replying to Alan Shaw.....

Senior Orienteers(and I am assuming we become Senior Orienteers long before we become Senior Citizens) look for courses which will test our minds(which we think are as good as ever) and our bodies(which we acknowledge are not as good as they were). If both body and mind are well(but not over-) extended, then a course is good. If only one or the other is extended, then the course is unsatisfactory.

This is not at odds with Alan's theory of course planning, which I accept as correct; I just think he did not apply it in the case at issue. A top class M56 orienteer(we saw two in action at the two-day event last autumn) would have had no difficulty in beating the recommended time on the Ballyhourigan course. A few extra controls on the same length of course (OK, it was rough going) would have added, as Diana said, very considerably to the interest, and need not have added too much to the winning time. By the way, I only referred to M56s and W43s in my letter; W50s may well have found it sufficiently testing, though I guess they might have preferred something less physically, and more mentally testing.

As regards Diana's comment on the length of course... well, Diana is always polite..... and even I, boor that I am, had some doubts about criticising Alan, who has done so much for Orienteering in Ireland.

We did, at least get some amusement out of Alan's letter. I do not doubt that Alan runs all the way round the courses he competes in, but I have to tell you that a probably totally unrepresentative poll amongst over-40s of both sexes, produced, once thay had got over their hysterical laughter the figure of 20 ± 10 minutes as the time they could run for continuously ! All right, I am sure there are exceptions to this, but please don't write to tell me !

Alan suggests that I compete out of my class. I am neither an especially good or fit orienteer(I took part in three major events as an M56 in 1982-83, and did not win any of them) so my answer is that I should not have to compete out of my class. My thanks to him for offering to set me a special course - I would much rather he set a first-rate course for all of us.

I am only sorry that it is Alan's course that I am criticising, because I know he put a lot of work into designing the courses, and that most classes were very pleased with them. The trouble is Alan, that we expect such a high standard from you that we are perhsps overly disappointed when we think you fall below it.

Yours sincerely,

Joss Lynam

53 Stillorgan Park,
Blackrock,
Co. Dublin.

FIXTURES 1983 - 1984

Sir,

With the '83/'84 here the fixtures list is almost full up to Xmas, but 1984 remains rather bare. The clubs mainly at fault are Leinster-based.

This lack of forward planning makes Irish orienteering look rather disorganised, both nationally and internationally. Why are clubs not able to sit down for an hour and thrash out fixtures up to the end of 1984? Exact details are not urgent, just approximate location, grade and date. The best clubs for doing this seem to be Cork O and Western Eagles.

Organisations like Bord Failte, the IOF and Cospoir want to help us promote orienteering, and the only response is a pathetic list for the next few months.

Surely, with the prestigious IOF Congress in Ireland in July 1984 we must show better plannimg than in the past.

A rota for major events has been established now for about two years to assist fixtures planning, and to date it is functioning very well. Hopefully this type of planning might be emulated at a local club level. The following is the rota to date:

Leinster Championships (3 weeks before Easter)

1979 SET	1980 AJAX	1981 UCDO	1982 DUO	1983 GEN
1984 CO	1985 AJAX	1986 3ROC	1987 ECO	1988 SET

Leinster Two-Day (2nd week of November)

1982 3ROC/AJAX	1983 DUO	1984 ECO/SET
1985 GEN/UCDO	1986 CO/SBO	

Leinster Relay Championships (3rd week of October)

1982 SET 1983 CO 1984 3ROC 1985 DUO.

Munster Championships (October)

1980 Lee O	1981 Lee O	1982 Tipp O
1983 Cork O	1984 ?	1985 ?

Irish Championships (2 weeks after Easter, except in '84)

1982 Ulster NWOC	1983 Munster Tipp O/ThO	
1984 Connacht WEO/LKAC	1985 Leinster 3ROC	
1986 Ulster		

Finally, on Registration Fees, there remains a reluctance on the part of a number of clubs to pay these, two particularly guilty being ECO and GEN. This fee goes towards the IOA insurance policy which now costs in excess of £500. Many bodies such as park authorities, the Department of Defence and the Department of Forestry and Wildlife require that users be covered. If clubs continue to refuse to pay the fee their events will not be listed or publicised, and the IOA will be forced to take more serious action.

From September 1st the appropriate Registration Fees are :

Grade 2 or 3: Colour, night, training, park, closed events, etc.....£2
Grade 1 events.....£3
Championship standard events.....£5
These fees are for each day of a competition.

All event details, Registration Fees and completed Registration Forms should be returned to me at the above address.

Yours,
Bernard Phelan, IOA Fixtures Secretary.

Sir,

This is an important matter needing public airing. If I appear anything less than objective please excuse me, but it is a matter very dear to my heart.

In January a well-known, top-ranking Irish orienteer sustained a knee injury. In previous months he had shown excellent form against foreign competition. He returned to training at the beginning of July. In the intervening five months, seemingly, all the so-called "selection races" for WOC '83 were held. Within five weeks of his return from injury he was beating people on the British Squad in Britain, yet he is not on the Irish team for WOC. Is the Irish team so strong, with so much depth?

OK, I will concede that people involved in selection and management, etc., have done their best and given selflessly of their own time. I hope I am not going to offend anyone by what I am going to say, and no offence is intended. This is to be constructive criticism.

Firstly, WOC is about being in form at the end of August every two years. The fact that Micky Joe beats Johnny at an Irish Champs four months previously has no bearing whatsoever on who is going to be running well in August. Every other country holds its selection races in mid-August (apart from other countries more backward in orienteering than ourselves), the theory being that if you are in form for the selection races you will hold form for two more weeks , and vice-versa. It is important also to hold these selection races in unknown terrain, i.e. abroad, the logic here being that it will discriminate against people who orienteer perfectly well in Ireland but crack-up anywhere else. Also, it does away with injury dilemmas - if a person is not fit to run the trials in mid-August, then that's that! It will obviously cost money to hold these events abroad, but more aggressive fund raising will solve that problem. It will also ensure that people will train properly right up to the end, and will also increase the standard of those who fail to make the team.

Next point. Who selects the team?...a fair question! What qualifications does a selector need? Are they, or have they been, elite orienteers themselves? Do they understand what so-called elite orienteering is today and what it involves? Can they imagine what sacrifices, social and financial, on top of gruelling training, an orienteer has to make before becoming an international standard athlete? In fact, do our selectors get to know the athletes involved? All through the period of his injury, no one from the selectors or management approached the athlete in question. No one explained the selection procedure in his (special) case, or made efforts to extend deadlines for him, even though he was probably training harder by swimming, cycling and weight-lifting, than most of the rest! A little more of the personal touch would have made all the difference. As an athlete I would like to be able to place confidence in my selectors. Bottom line...who selects the selectors?

On to the so-called squad and squad management. At present there exists no cohesive squad. What little success that Irish orienteers have had abroad is due entirely to their own efforts. There is little or no dissemination of information or formal coaching. We need formal "squad" training days, at least once a month, where specific technique exercises will be carried out. I see the role of team manager as a co-ordinator, knowledgeable in orienteering matters, though not necessarily all-knowing, but willing to WORK! He should first find out what people want, and ask advice from us if necessary, then, in conjunction with the squad, work out a number of dates upon which the squad will meet for sessions. He then details people to organise these events well in advance (even squad individuals). A simple squad newsletter akin to Pat Flanagan's could be organised also.

A lot of hard-raised money is being spent on this trip. Is it worth it? I think it is. The name of the game for us is to place someone in

the top twenty. Higher placings mean more media coverage, more foreign orienteers coming to Ireland, a higher orienteering self-esteem, more popularity for the sport here, more sponsorship, and ultimately a higher standard. The time has come for a change, and as a dedicated and hard-working orienteer I demand change! I invite replies and comments.

Aonghus OCleirigh.
Curragh Orienteers.

Leinster Schools Orienteering

Dear Members,

As I indicated at the last committee meeting, I will be resigning as chairman of L.S.O.A. at the annual general meeting in September. I have reached this decision not because of fatigue with the position but in the hope that somebody with more time to devote to the serious problems L.S.O.A. is facing will take the position.

CAUSE FOR CONCERN

There is grave cause for concern in the declining number of people in L.S.O.A. who are capable of planning, organising and controlling an event. The events this year were run by four schools (Wesley College, de la Salle Churchtown, Catlands and Muckross Park). This meant that three of those had to run two events and that we were one organiser short, resulting in a shared event with D.U.O.

Members of the committee (i.e. the member of staff responsible for orienteering in the relevant school) must come forward and take a fuller part in the life of the organisation or it is destined to have no life within the next two years. The experienced planners and organisers are quite prepared to teach you how to run an event and to help you with your first event, but it can no longer be left to the 'old reliables' to keep L.S.O.A. on its feet.

LACK OF I.O.A. DEVELOPMENT

You might ask why we don't simply dissolve the association. The short answer would be because there is precious little work being done elsewhere in the country for juniors. The lack of development in the junior section (due to a lack of leadership from the I.O.A. and the clubs) is evident at every event when the standard is examined and compared with the standard in N. Ireland and Britain. I can only hope that the appointment of the energetic Larry Roe to the junior portfolio in the I.O.A. will change the situation, bringing as he does a wealth of experience from L.S.O.A.

L.S.O.A. THIS YEAR

To those who did all the work this year I say a heartfelt "thank you". Your events have introduced the sport to countless young hearts. Let us hope that enough new faces will appear at the A.G.M. in September to keep L.S.O.A. alive and kicking through another decade.

Brian Duffy.

Dublin University Orienteers

Regent House .
Trinity College .
Dublin 2 .

Dublin University Orienteers : News .

The mapping of Glencree in preparation for the Leinster 2 - Day this coming November is now complete. This map has proven a somewhat daunting task with up to 300 man - days having been spent amongst the horse-flies and midges. This might appear to indicate a rather leisurely mapping spe since the experts recommend that an area of this size be mapped in approximately half this time. However our surveyors were hampered by a combination of factors: Firstly, the forest boasts a wealth of detail, particularly rock features, and strict restraints had to be placed on the mappers to ensure that only the most obvious features were mapped. Secondly, the area is very steep and some unfortunate mappers found themselves allocated areas only reached after 300 metres climb ! On the other hand the map has been completed in under a year while other Leinster maps have taken up to 3 years. This undoubtably results from our student members being able to make themselves available (weather and exams permitting) almost 7 days a week. Also the forest is only 20 miles from Dublin allowing our more enthusiastic (???) members to cycle on days when cars were not available.

The map will undoubtably be controversial in some respects. For instance the traditional 'slow run' and 'walk' designations have been blended together into one 'slow' category. This results from the belief that a truly determined orienteer will crash his/her way through 'walk' without significantly slowing down. On the whole however the map follows traditional County Wicklow lines, except perhaps for the forest's unusual steepness. None the less we promise to keep the climbs on the 2 - Day courses down to tolerable levels - at the expense of a 'small' climb to the starts (bring ropes and ice-axes).

The map has been expensive to produce (to say the least). For this reason it was initially thought that a reduction in entry fees for juniors would not be possible. However we have reconsidered this decision and are now prepared to offer a £3.00 entry fee for M17/W17 and below. Those who have already paid the full £6.00 entry fee (if any !) will be refunded the difference.

Leinster 2 - Day.

The Leinster 2 - Day will be held in Glencree on the 12th and 13th November. Entry forms may be obtained by sending a S.A.E. to :
Andrew Butterfield, 30 Abbey View, Monkstown, Co.Dublin.
Entry fees are : Seniors £6.00 , Juniors £3.00. Entries close (strictly) on 30th September '83.

We look forward to seeing you in November !

Organising Committee,
Dublin University Orienteers.

SOME THOUGHTS ON MAPPING - Richard Flynn (SET)

Having attended Alan Shaw's very interesting and worthwhile mapping symposium, I found that only the highest standard in photogrammetry, draughtsmanship and printing should be aimed for. However, when it came to the actual land surveying, I felt that a somewhat lower standard was acceptable. One expert said, that a technique used was based on guess-work. Another said, that the combination of o/s map and photogrammetry provided only 10% of the detail needed on an orienteering map. Therefore, we must presume that 90% of the map is based on guess-work. An exaggeration, granted ! but the point I want to make is, that with a good system and very little extra effort we can raise our standards to that of other departments in producing an O/map.

Let us consider first of all what accuracy we want. We certainly don't want or need an engineering map, but we want one that will eliminate the element of luck and be a fair representation of the terrain. At a scale of 1:10000 it is possible to plot to 2 m and at 1:15000 to 3 m. An orienteer will not need this accuracy, but if we don't aim for a standard close to this, I feel we shall fall short of it.

From attending mapping courses, and from talking to expert mappers, I find that the technique used is compass and pacing. Individually they are inaccurate, combined especially in the hands of an inexperienced mapper they can be disasterous. Under field conditions the compass will give a variation of ± 3°,

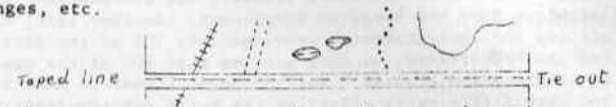
i.e. a variation of 6.5 m at 60 m
10.5 m at 100 m
16 m at 150 m

Pacing under ideal conditions will give a variation of ± 2 m at 100 m, and over rough terrain it can not be relied upon. Now, the cardinal rule of good surveying is to have good control and the above method cannot be relied upon to provide it. Although I reject the compass and pacing for controlwork, there is indeed a use for them which I shall come to later on.

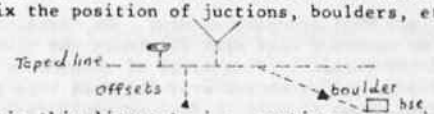
Let us now look at how we could go about surveying a particular piece of terrain. First of all, let us look at our equipment and list them in order of importance.

1) Base Map: This is a combination of the o/s 6" map and photogrammetry. All detail should be surveyed in relation to this and not to some varying compass bearing.
2) Pencils: 6H
3) 20m tape: All control lines should be taped, also the great advantage of a tape is, that you can leave it laid out on the ground on your control line and go and check the detail on either side of the line. You are also much less likely to make mistakes with it.
4) Scale:
5) Sketching Case: One like the o/s model would be ideal.
6) Chalk: For marking control points.
7) Compass: Remembering its limitations.
8) Drg. Compass:
9) An Assistant: Preferably a good orienteer. He would not need mapping experience.
10) Notebook:

The survey should begin with a carefull recce. This will tell you what you have and what you will have to supply. You will find a number of forest roads on your base map. It is best to start your survey on one of these. Pick a well defined point, such as a fence junction, and lay out your tape along the forest road. This line will act as control for other lines and you can survey detail from it by offsetting, or by compass bearings. Also, one can plot the position of the ends of banks, fences, veg. changes, etc.



An offset is a measurement taken at rt. Ls from your line. You can also take measurements from your line in the direction of other detail (already supplied on your base map) to fix the position of juctions, boulders, etc.



Try if possible to tie this line out, i.e. continue measuring to another well defined point. This acts as a good check on your work.

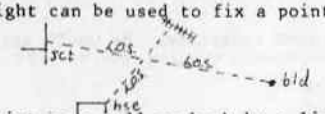
It is also possible to transverse using a line of sight.

Having divided up the exterior of our area we must now venture into the interior. If it is open country there is no problem. It is just a matter of running a line or series of lines throught it, picking up the relevant detail.

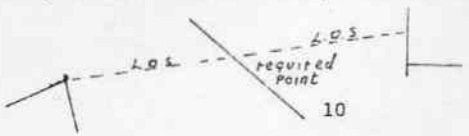
In the case of a forest area, we are faced with the problem of putting control into an area where visibility is limited. If we are lucky, there will be a bank, or line feature running straight through it, and we will already have caught the ends of it, so it is just a matter of joining them up. We can then use this feature to provide control. Or, if the forest is not too wide, we might find a point in it where we can get a line of sight to both sides. We then measure these two lines, and with our compass cut two arcs. Our point is where these cut (careful here, as they cut in two places). We may however, be left with no other choice than to drive a line through this area. This means taping towards a point we cannot see and can only fix when we come out the other side of the forest. Your problem here is keeping a straight line - there are various ways of doing this. One is to mark out the route first, lining up the markers, you can also use your compass. As you are driving this line you can fix the position of detail, but you will have to book this information until you have fixed your second point. You will find that, with experience, this work will not appear so difficult.

Just a few tips now to help you with your survey, or to check your work.

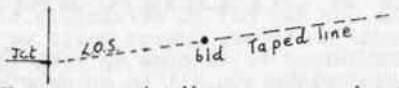
1) Two lines of sight can be used to fix a point or piece of detail.



2) We can fix a point on a wall or bank by a line of sight.



3) We can keep direction by lining up two points.



4) We can tape the distance to a point from two other points to fix it.

5) When taping on very steep ground remember you can step the taping.

6) Remember an error we cannot get rid of can be distributed along the line.

7) We can use our compass to fix a position by two bearings from different points, or the reverse by resection.

8) We can find the direction of a fence or wall by standing on it and seeing where it cuts into some distant object

9) Detail such as the aerials on the 3 rock or the chimney on Carrickgalligan are a godsend to the surveyor. So remember to get your photogrammetrist to show you as much as he can. You may not be going to show the position of that abandoned tractor on your map but for surveying its position on your base map could save you a great deal of sweat and tears.

Just one last word, remember that you are following in the footsteps of sappers who mapped this country 150 years ago with equipment no more sophisticated than you have and made this one of the best mapped countries in the world.

COMPASS SPORT CUP / THE IRISH ORIENTEER TROPHY

The draw for the competition is as follows:
ThO v Lee and WEO, AJAX v 3ROC, ECO v GEN, NWOC v SET. The first-named team is the "home" team and must name three possible venues. Full details will be sent to the clubs concerned shortly. The second round will take place between four clubs, followed by the Irish Final, the winner of which will go through to the CompassSport Cup final in Britain.

ADDITIONAL EVENTS FOR NATIONAL O-DAY SEPTEMBER 25TH.

Co. Dublin	Marlay Park, Rathfarnham	AJAX
Co. Kildare	Moore Abbey, Monasterevan	CO
Co. Limerick	St. Munchin's College, Corbally	ThO
Co. Tipperary	Drumleagh, Glen of Aherlow	TO

CURRAGH NEWS

Some people evidently didn't like our day out in Stradbally... something about the mud, the results, or whatever...darn! Well, we've picked around a few ideas among ourselves and we've come up with this little one that tickled us pink. Now we'd hate you all to go away with the wrong impression of our little wood, like! So we've decided to change the venue of the Leinster Relay Championships from Kilcooley to Stradbally, begging your leave, of course. (Shur the steep slopes will really suit our Wally anyway) If the slopes don't suit you...well you jest git on out there and organise us a Leinster Relay Championships; and have fun!

The Curragh Orienteering Circus toured Europe extensively again this summer, taking in such major meets as the Swedish 5-Day and the Scottish 6-Day. Team coach Denis Murphy can now boast of having ****** up controls in almost every north European country. On the other hand the kid himself (presumably Aonghus OCleirigh, Ed.) only 14 days back from five months injury, made Irish orienteering history by winning the final day of the Swedish event in the H21A1 class, our first victory in Scandinavia. Pat Farrelly carried the Club Stool around Sweden, and found the seasoned Murph tough opposition in H21B. Indeed the Murph can boast of having beaten the Israeli champion over the five days.

Then in Scotland the Kid got two 2nd's and two 3rd's to finish second overall. The chance of winning outright slipped when a swollen ankle hampered him somewhat on the other two days (despite Coach rubbing in whiskey every evening). Incidentally, the winner (who works for Harvey Map Services) mapped half the areas...where would you be going? Agile Pat Farrelly beat the Murph this time around. In fact, as the week progressed, Coach's "highly tuned" system ground agonisingly to a halt on the Scottish hills. This whale of a male was Donald Ducked, as they say in Cockney Dublin.

Autumn, and the new season is just around the corner. Here is the opportunity to get it all right this time:

The CURRAGH NEWS QUICK GUIDE TO BAD TASTE and SOCIETY LEPERS' COLUMN.

The socially conscious Orienteer who has aspirations to being a "with-it" person next season will take care to banter in public along the following lines. Very "in" topics of conversation are:

- The Swedish Experience;
- Wally Bashing;
- Stradbally;
- Brazil;
- Ajax.

Definitely "out" are:

- Pace counting;
- Raw-egg theories;
- Hungary;
- Selection Races.

It's obviously politic to "party down" with the right people. Very socially acceptable these days is to be seen with the Murph. Not so advantageous would to admit to having spoken with a selector in recent months...really uncool. Dropping The Russler's name indicates being in the know, but needs to be carried off smoothly for effect, and in the "right" company. Of course, for a really safe opening gambit it's always cupsy to have it known that you rapped with Paddy Joe H. on the wire last night.

The "with-it" set will, obviously, at this stage have considered next season's orienteering wardrobe. The word is that Eileen Loughman bottoms are definitely "in" and Trimtex not so in-keeping with the times. "Switched-on people like to do the fun things. A fun thing to do at the minute is to buy jar for the Gusman, and sit in on Denis Murphy technique clinics and psychological training seminars. Of course, it's social suicide to admit taking them seriously!!

AJAX ATHLETIC & ORIENTEERING CLUB

Hon. Sec.
AUDREY NOLAN
20 Fonthill Park, Rathfarnham,
Dublin 14.

Phone 966267

AJAX NEWS

It's "JUNIOR ORIENTEERING SEASON 1983/'84". While our mapping of introductory areas continues, this season we will be concentrating our limited resources on the Junior orienteer.

It was encouraging to see the interest shown by our athletic branch in the Kangaroos League, with Michelle Larkin (W11), Michelle Madden (W11) and Denise Madden (W13) to the fore. While most of our attention was taken up with the organisation of the events, we hope to be in a position provide personal tuition at events for all.our Junior members.

Next season we hope to encourage participation by schools in the South Dublin area. We will be contacting P.E. and geography teachers and providing a Group Membership Scheme. Already Our Lady's School in Templeogue have availed of this. We hope to get schools to events, with basic tuition, to map school grounds and introduce orienteering in familiar surroundings and have an inter-school league where schools visit one another for events on their maps.

Orienteering can be off-putting for Juniors, especially in woods, and where controls or map are not right. The main thing is to keep the interest there. Competition is useful for this, but it is important that nobody becomes a constant loser. Winning at junior level is much less important than keeping juniors in the sport after school.

Schoolteachers or anyone interested in our scheme can contact Hilary McCutcheon, 2 Dargle Road, Blackrock, Co. Dublin (895970). Ordinary membership is available at £5 (Family/Senior) and £2 (Student/Junior). This is for the Ajax Orienteering and Hill-Running section. Ajax Athletic section has done well in its first year, and training is at St. Tiernan's School in Parkvale Estate near Balally Park, Dundrum, on Tuesdays and Thursdays at 7pm. Crests are now available at £1.50, with "Orienteers", "Hill Runners" or "Athletics" on them.

The Ajax Limerick Competition is well under way and here are a few of the early entries:

There was a Young man called Wally/Who went hunting crags in Stradbally
Though he looked up and around/That crag couldn't be found
It had gone for the day to Offaly.

ve you heard about the crag in Stradbally?/To Justin cried the bould Wally
well, 'twas a spot of luck/My needle was stuck
here's thanks to my magnetic Raleigh.

There was a young man called The Murph/Whose youth was misspent digging turf
To Brazil he did flight/To find red and white
But found only the sun and the surf.

NATIONAL TEAM SELECTION

National Team selection will forever create problems, and a classic example of this was the furore over selection of the British Team for the World Athletic Championships.

I feel our own selection procedure can be improved upon, and I make the following suggestions which I would like people to comment on or discuss with me.

1. Essentially our selection procedure is excellent to a point, we certainly select the best panel available at an early stage, and this of course must encourage those on the panel to improve their performances.

2. I would suggest that a panel of 8 - 10 Ladies and Men be selected roughly along the same lines as this year, but that these panels are then required to run actual selection events before team selection.

3. I suggest that a final trial be held not earlier than 28 days before the individual event in the World Championships ("WM") and that the trial is based on the WM qualifying event and individual event on consecutive days. Our team trial could be held on a weekend with a relatively easy event on Saturday and full length WM course on Sunday.

4. The fact that 8 - 10 members would be in contention for a team place up to such a late stage would ensure that those selected, and indeed other panel members, would improve in fitness and in attitude and our overall standards would improve accordingly.

5. We could also operate our panel as a means of controlling those who compete for our country. If, because of financial considerations, team members did not wish to travel to major events then we could decide that people not on the panel but unaffected by the financial problem could not compete. In this way our international image can be preserved.

Finally i would like to indicate that my suggestions should not be interpreted as criticism of our present system but merely an attempt to improve it.

Wally Young (Curragh Orienteers)

PHOTO-INTERPRETATION SERVICE

A cheaper alternative to photogrammetry is now available. Photo-interpretation uses the aerial photographs to transfer line features onto the O.S. six-inch base. Accuracy is less than with photogrammetry: lines can be up to 30m out, but this should be good enough for non-championship areas. It is most useful for forest roads and edges, and these can be checked against detail on the O.S. six-inch. Cost should be between £10.00 and £40.00 - contact Eoin Rothery, 66 Wedgewood, Sandyford Road, Dublin 14, for a quote.

MUNSTER ORIENTEERING CHAMPIONSHIPS 1983

GRADE 1 EVENT

The 1983 MOC will be held in Glengarra Wood (G.R. R9319) on Sunday 9th October 1983. The wood is situated on the north side of the main Cork/Dublin road, half-way between Mitchelstown and Cahir. It lies on the southern slopes of the Galtee Mountains, and surrounds Mountain Lodge Youth Hostel. Nearby are the Mitchelstown Caves.

About 30% of the mapped area is open, and is sheep-grazing country, with some low heather. The forest is quite mixed and has many vegetation changes. It has a good network of forest roads and rides. Parts of the wood and of the open areas are very steep.

Many exotic tree and shrub species exist near the car park and along the one and a half mile long avenue to the Youth Hostel. Among these is the Sequoiadendron of California which at 140 feet, is the tallest tree in Glengarra (the rough glen). Red squirrels and fallow deer abound in the wood. There are many deep duck ponds at the sides of the forest roads. A nature trail leaflet is available on site. We strongly recommend this wood to beginners and to non-competitive orienteers, and all will be very welcome on the day.

The mapped area is about 15 square km. and is based on a 1983 photogrammetric plot by D. Laverty. The scale is 1:15000with 5m contours. The planner is Sean Cotter (Cork O), the controller is Catherine Murtagh (SET) and the organiser is Frank Cunnane (Cork O). All the usual classes (M/W 10 to M/W 56) will be available. Also available will be M21B and W19B, but these will be non-championship classes. Prizes will be awarded to all Munster winners of all classes (including B classes) and to most runners-up (depending on class size). Some non-Munster winners will also receive prizes.

1983 WORLD CHAMPIONSHIPS : A BRIEF REPORT

The event was held on September 1-4 at Zalaegerseg in Hungary. Norway dominated the Individual race with their men taking 1,2,3 and 4, Morten Berglia winning the title from twice World Champion Oyvin Thon. Annichen Kringstad (SWE) won the Womens race by 8 minutes. Of the Irish, only Eileen Loughman (GEN) and Wally Young (CO) got through to the final, finishing 49th and 53rd.
The relay race saw the first five teams finishing within 4 minutes, with the title going to Norway (232.39), with Czechoslovakia 2nd (234.17), Sweden 3rd (234.21), Switzerland 4th (234.23) and Britain 5th (236.32), their best performance ever. The Womens relay went to Sweden, with Czechoslovakia 2nd and Denmark 3rd. The Irish teams finished 18th and 15th.
For the first time, qualifying races were held to reduce the number in the final. These races were held on faster, flatter terrain than the individual races, but similar to the relay. The mens qualifying races were won with speeds of around 4.2 mins/km! The Individual race terrain was hilly (850m climb on the H21 course).
The real surprises for the Irish team were the performances of two of the newcomers to the team: Julie Martindale and Jonathan Warde. Although neither was the fastest in the qualifying races,both put in very strong runs here and in the Relay, with Warde finishing 47 seconds down on Young in their selection race. Both were second fastest on their respective relay teams.

The team was: Men- Pat Healy (CO), Eoin Rothery (AJAX), Jonathan Warde (Fermanagh) and Wally Young (CO). Reserve- Peter James (NWOC).
Women- Eileen Loughman (GEN), Julie Martindale (TIPP), Deirdre ni Challanain (AJAX) and Maura Thornhill (GEN).

THREE ROCK ORIENTEERING CLUB

A club ranking list has been started in order to make competition within the club a little more keen, and also to assist in the selection of relay and other teams for major events. The list will be updated and published with each issue of the Irish Orienteer. An explanation of the system used is included on the 3ROC NEWS sheet with this issue. Pat Flanagan is the one operating the scheme, so any questions should be directed at him. All Grade 1 and 2 events in Ireland will be used for ranking.

TRAINING continues each Wednesday night at Marlay Park in Ballinteer, at the SW-most car park, and will move back to Oatlands College in Stillorgan once the evenings begin to shorten. Showers are available after the run at Oatlands. Some evening street events are in the pipeline for the Wednesday sessions in the autumn, also.

TRACKSUITS and O-SUITS are available at low prices: a new order of 3ROC O-suits is being made up at the moment- contact Ronan Cleary soon if you want one, or would like to see a sample. A new club badge, embroidered, is about to appear, so start searching for those needles and thread.

WE wish luck to all the 3 Rockers running in the Dublin Marathon, and hope they won't be too tired to attend the club Hallowe'en party on the night of the race, October 31st. Wheelchair access, lots of seats, gentle music, carbohydrates and a chance to sleep will be offered!

MAPPING of Pine Forest and Kilmashogue has been completed, and the re-survey of Three Rock Mountain is nearing completion. David Larkin (981515) is now looking for help in the resurvey of Devil's Glen. Ted McGrath (987758) can also be contacted about this. More important than experience is enthusiasm.

EVENT ENTRY is being done on a co-ordinated basis for relay events from now on: if you want to enter a relay event you simply give your name, class and the appropriate fee to John McCullough, 34 Dun Emer Drive, Dublin 14, at least one week before the latest date for entry to the event, and leave the rest to us. Cheques should be made payable to 3ROC. This will apply even if you have formed a complete team of your own, and should eliminate confusion about who is running. The scheme will be extended to all pre-entry events at a future date. The Leinster Relays on October 16 is the first event to be gealt with in this way. Winning teams will, as usual, have their entry fees refunded.

SOCIAL ACTIVITIES continue at Revels pub in Rathfarnham on the last Thursday of each month. It's great to see so many new faces!

TRAINING OFFICER pat McManus has several events planned for the Autumn season to keep the minds working and the limbs active. Details will be notified to members soon.

FORTHCOMING EVENTS include Kilmashogue and Phoenix Park on Sept. 25th, National O-Day. All members are expected to come along for a while to help. Contact Ted McGrath (987758) for Kilmashogue or John McCullough (981556) for Phoenix Park. We also need people to help at the Pine Forest event on October 23rd - this would be an ideal introduction for those who have never been involved in event organisation.

Travel to events abroad, particularly for Juniors, should be easier now with the introduction of the 3ROC Travel Fund. Details will be circulated to members shortly.

3ROC CLUB RANKING LIST SEPTEMBER 1983 NO.1

M13 (2 scores)

1	N.Carroll	80
2	G.Stokes	45
3	J.Casey	10

M15 (5 scores)

1	F.Barry	100
2	A.Tyner	87
3	F.Malone	82
4	D.Stokes	75
5	B.Rowe	70
6	D.McAuliffe	56
7	C.Walsh	52
8	C.Carroll	42
	R.Hunt	(30)/2

M17 (5 scores)

1	M.Malone	98
2	M.Crowe	83
3	B.O'Connor	81
4	P.Walsh	75
5	F.Malone	70
6	L.Donovan	64
7	A.Balmaine	61
	A.Tyner	(73)/2

M19 (2 scores)

1	O.Creagh	100
2	D.Carroll	54
3	G.Parker	45

M21A (5 scores)

1	J.May	100
2	J.McCullough	81
3	B.Dalby	56
	D.O'Beirne	56
5	R.Cleary	42
6	I.McNeill	30
	P.Kernan	(85)/4
	M.McAuliffe	(33)/2

M21B (5 scores)

1	G.Smith	97
2	B.Phelan	93
3	D.Larkin	92
4	P.McManus	60
	M.McAuliffe	(91)/2
	B.Cryan	(79)/2
	B.McGrath	(50)/2
	J.O'Donnell	(49)/2

M35 (5 scores)

1	T.McGrath	71
2	L.Roe	63
	P.Flanagan	(61)/4
	N.Carroll	(62)/2
	D.Kennedy	(55)/2

M43 (5 scores)

1	C.Tyner	85
2	L.Convery	55
	B.Farley	

M50 (4 scores)

1	G.May	47
2	J.Creagh	45
3	C.Carroll	16
	D.Rowe	(44)/2

M56 (2 scores)

1	J.Lynam	98
2	D.Rowe	65

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W10 (3 scores)

1	K.Convery	100

W11 (4 scores)

1	K.Convery	100
2	C.Malone	94
	S.Convery	(94)/2

W13 (5 scores)

1	U.Creagh	100
2	T.Eakin	56
3	H.Creagh	45
	A.Convery	(12)/2

W15 (5 scores)

1	M.Convery	92

W19A (5 scores)

1	P.Murphy	81
2	M.Walsh	61
3	A.Sloane	53
	S.Cawley	(73)/2
	B.Flanagan	(50)/4

W19B (2 scores)

1	A.Sloane	100
	R.Sloane	100
3	C.Desmond	32

W35 (2 scores)

1	B.Flanagan	93
2	T.Cleary	60

W43 (5 scores)

1	N.Creagh	99
2	H.Convery	95

W50 (2 scores)

1	V.Rowe	83
2	J.Mullen	67

W56 (2 scores)

1	N.Lynam	67

Method: In a given event, your points score is calculated from your time and the time of the winner of your class. If Tc= "competitor's time" and Tw= "winner's time" then competitor's points= $200-\left\{\frac{Tc \times 100}{Tw}\right\}$. e.g. Tc=120mins, Tw=80mins, then Points score is $200-\left\{\frac{120 \times 100}{80}\right\}$ = 50 points.

Only Grade 1,2 and Championship events are used. Grade 1 events can be used twice and IOC three times. The published points are the runner's total divided by the number of events ("scores") used.

FULL DETAILS GIVEN IN THE 3ROC BULLETIN IN CLUB MEMBERS' NEWSLETTERS.

setanta orienteers

CLUB NIGHTS

On the first Wednesday of each month, starting September 7th, Setanta O.C. will be holding a "Club Night" in Rathgar. Venue: Rathgar Hall, beside the Church. Time: 7.30 p.m. There will be a training session and coaching in Orienteering skills so bring your running gear. Afterwards, there will be discussions in the Hall and refreshments.

CHANGE OF EVENT VENUE

Please note that, due to high bracken and heavy undergrowth, the Setanta event on September 11th has been changed from Carrickgollogan to Clara, Co. Wicklow (signposted from Laragh Village).

FORTHCOMING EVENTS

September 11th	- Colour Event	-	Clara, near Laragh, Co. Wicklow.
September 25th	- National O'Day	-	Massey's Estate & Hellfire Club Wood, Co. Dublin.
October 2nd	- Colour Event	-	Ballinascorney, Co. Dublin.
December 11th	- Grade 1 Event	-	Cronybyrne & Ballinastraw, Co. Wicklow.

All members interested in helping at these events should contact the Secretary: Catherine Murtagh, 111 Haddington Road, Ballsbridge, Dublin 4. (682951)

NEW SETANTA EMBLEM

There is a competition in progress for a design for a new Setanta emblem. A decision on the new design will be taken within the next month, so look out for the new Setanta image!

MAPPING

Setanta will be running Day 2 of the Irish 2-Day in November, 1983. (ECO doing Day 1) Any members interested in helping on the new map should contact the Secretary for further details.

NATIONAL ORIENTEERING DAY 1983

As everybody knows, this year's National Orienteering Day is on Sunday September 25th, and clubs all over the country are holding introductory events. The known events at time of writing (Sept. 1) are:

Co. Cork	Castleblagh, Ballyhooly	Southern Orienteers
	Currabinny	CRTCO
	Farran Forest Park	Cork O
	Glenbower Wood	Cork O
	Gugan Barra	Cork O
	Shippool Wood	Cork O
	Watergrasshill	Lee O
Co. Dublin	Carrickgolligan	GEN
	Kilmashogue	3ROC
	Massey's Estate	SET
	Phoenix Park	3ROC
Co. Galway	Little Killary	LKAC
	Tobberoe, Athenry	WEO
Co. Offaly	Castle Bernard, Kinnitty	SBO

SWEDISH FIVE-DAY REPORT John McCullough

The world's biggest orienteering competition, the Swedish 5-Day O-Ringen, this summer took place in the province of Smaland in southern Sweden in mid July. Among the 25 000 (twenty five thousand) competitors were 13 (thirteen) Irish souls (26 soles): 0.052%. Since there were so few of us there, it's amazing how often we seemed to meet up: in the shower, at the pub, at the shops, at the pub, etc. You see the pattern. The weather was, of course, very hot, and there were a multitude of sorrows to be drowned, and tales of lost hours in the forest to be told, so there were extenuating circumstances.

The competition centre was at Anderstorp, a small town quick to capitalise on the population explosion: shops and stalls appeared overnight, like musharoons, selling anything from fruit and souvenirs to plastic basins and O-suits. I, with four others, ended up staying in the flat of the local Communist Party organiser, his wife, and a very large Alsatian (dog), so that they had to sleep on the floor as they only expected three Irish, not five. I got the dog's bed, but we reached an amicable agreement: I killed all the fleas in exchange.

On arrival at Hestra, the nearest station (18km away), with bikes to arrive next day, we started walking....Hestra must be where High Noon was filmed....Some lifts later we arrive at Anderstorp. The Event Centre is at an airfield cum racetrack, with a shanty town of orienteers' tents, a bank, post office, supermarket, restaurant, church and administration centre, all installed just for the event. Three training areas were set up, so our party of five: Ryan and Quinn of GEN, Murtagh of SET, Cleary and McCullough of 3ROC, set off for a run. The navigation was easy enough, but the sun was hot. Early starts could be a blessing in disguise.

Day 1 I started at 07.31, with several other Irish not too far behind. Because of an injured ankle I walked/jogged around, finishing near the end of the field, where I was to remain. The walk to the start was about 5 km, so an early morning was necessary. The navigation was quite easy, and the area had quite a number of tracks and paths, so the orienteering problems were not mind-boggling. No outstanding runs were recorded by any Irish today.

Day 2 saw me running a bit, and enjoying the forest. The huge crowds of people weren't apparent except near the finish, where a continuous stream of finishers came through on five lanes like a torrent.

Day 3's terrain was rather similar again. The five days were held in the same type of area, so the diverse types of terrain and forest available were not really demonstrated. Again, enormous crowds at the finish (scenes from Ben Hur spring to mind), and great support from clubs for their members. No great runs from the Irish yet. At least it hasn't rained since Monday.

Day 4 at Skillingaryd I make mistakes at most controls but don't do any worse than any other day. Is that possible? At least the terrain in interesting, and I'm getting value for money.

Day 5 is when it all happens; Aonghus OCleirigh wins the class H21A outright, although gets no prize as it's only the time for five days that counts now. Jean Folen sprains her ankle badly scarcely ten metres from the run in. McCullough and Cleary miss their start times because no one told them how to work them out. This forest was probably the

most testing of the five, with steeper hills, but still nothing like what we are used to in Ireland. Finishing, each runner was presented with a small souvenir of the event, before going off to collect the clean maps at two o'clock, as every other day and the computerised results for each club at seven in the evening.

Follow this with two weeks cycling in Scandinavia, and you have a holiday (but not on those abominable plastic bikes, thanks!). I suppose I'll have to go further north next time to see some real fjords.....there's always Killary, of course.

John McCullough, 3ROC

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Next year's Swedish 5-Day is in the extreme SE of Sweden, so again should be fairly accessible. It is usually held the third week in July, but entries close in March, so you want to plan early. Try it!

Eat the pizzas! See the cars from American Graffitti!

"PATTERNS FOR PROGRESS"

The National Development Conference to discuss the IOA Ten Year Plan for orienteering will take place on Saturday, October 15th, 1983 at Lavistown House study centre, three miles south east of Kilkenny City.

The Conference will run from 10.00hrs to 18.00hrs, and the attendance fee is IR£5.00, which includes the cost of lunch. The Conference is being held on the day preceeding the Leinster Relay Championships at Kilcooley Abbey.

The guest speaker at the Conference will be Chris James, Chairman of the International Orienteering Federation's Development and Promotion Committee, and an ex-Chairman of BOF.

All orienteers are welcome - please come and contribute to our development plan.
A limited number of places for bed and breakfast are available at IR£4.50.

Please contact the IOA Development Officer, Faith White, The Lake House, Crookedwood, Mullingar, Co. Westmeath, (Ph. 044-72118) by October 3rd.

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IOA COURSE PLANNING COMPETITION

(for Perpetual Trophy donated by Ordnance Survey)

Map:	Ballyhourigan Wood, Co. Tipperary.
Courses:	Two to be planned, one senior and one junior.
Entry Fees:	Seniors £1.50, juniors £1.00.
Prizes:	Best senior and best junior entries.
Adjudicator:	Clive Allen, BOF Chairman and Grade 1 Controller, and a competitor at IOC '83 at Ballyhourigan.
Entries:	Entry forms and maps are available from the Irish Orienteer, and from IOA Secretary Julie Martindale, Garryskillane, Tipperary Town; Alan Shaw, 40 College Park, Corbally, Limerick; and Pat Long, Lee Orienteers.
Closing Date:	Wednesday, October 19th, 1983.
Results:	Announced at Leinster Two Day event, November 12 th.

All relevant information is on the Entry Form.

ODDS and ENDS and ODDS...The Irish team to travel to the World Military O-Champs in Brazil in late September is believed to be: Gerry Byrne (CO), Pat Healy (CO), Paddy Lalor (CO), Denis Murphy (ECO), Aonghus OCleirigh (CO), Denis Reidy (ECO) and Wally Young (CO)....Curragh Orienteers now claim that their threat to hold the Leinster Relays at Stradbally is only a joke...Sue Harvey of Scotland (of Map Services fame) is the new General Secretary of IOF following the resignation of Inger Garderud. A further step in the drift of IOF away from Scandinavia....Turning circles are not covered by an IOF map symbol...IOA development conference in Kilkenny on Oct. 15 th come along and let them have it...Canada now expects to host the 1991 World Championships, and the 1988 Ski-O World Championships...How can a Youth Hostel be out of bounds? Come to the Munster Champs. and find out...an international flavour at the Burren Walk this year, with Canadian and British runners as well as the locals...IOA has trophy centres (contact Ronan Cleary 904177), and controls and punches (contact David Quinn (691313)...Cffeiriadaeth Ryngwladol on April 21 - 23 next...CompassSport still available through The Irish Orienteer at £5.00...IOA also has control cards... IOF to produce new books on drawing a simple O-map, on photogrammetry, and new drawing specifications, all available in English...'88 Ski-O for Canada Olympics being threatened by curling as a demonstration sport...Foot O not to be in the '88 Olympics at Seoul. The demonstration events are badminton and taekwondo... IOF Congress in Ireland in '84 to decide the future of the Orienteering World Cup, as yet unrecognised by IOF... Congress dates are July 10-14...IOF is protesting to the WOC organisers in Hungary about the cost of transport and accommodation...This year's TIO MILA ten man overnight relay event in Sweden saw the first seven teams finish within 48 seconds after 13 hours orienteering. The Finnish club Kalevan Rasti won by 2 seconds from OK Orion of Sweden...It is interesting to note that the South African orienteering association has recently produced three coloured maps, and that orienteering there is open to all. Buses are, however, only provided for white folks...London OK are to make their annual visit to Leinster on November 12/13 for the 2-Day.

LET'S PARLER FRANGLAIS!

Lesson Deux-cent-vingt-neuf
L'Usage Correct d'une Carte d'Ordnance Survey

Scene: un spot de beauté, quelque part dans le Grid National. Entrent deux rambleurs.

1er Rambleur: Ouf! Je suis hors de puff.
2ème Rambleur: Moi aussi. Et j'ai un blister.
1er Rambleur: OK, stoppons ici.
2ème: Oui . . . Où est ici?
1er: Mmm . . . Je crois que, sur le map, c'est ce bend dans le road ici.
2ème: Mais nous ne sommes pas sur un road.
1er: Mmm . . . Sur ce path ici?
2ème: Vous êtes sûr que la ligne de dots est un path, non la frontière d'un parish?
1er: Oui, je suis sûr.
2ème: Bon. La certitude est tout.
1er: Si nous stoppions au prochain pub?
2ème: Bonne idée. Où est le prochain pub, sur le map?
1er: Eh bien, regardons, nous continuons sur le path pour 2 kilomètres, et puis nous tournons à gauche où ⁝ .
2ème: Le quoi?
1er: Le ⁝ .
2ème: Qu'est-ce que c'est qu'un ⁝ ?
1er: Je crois que c'est un church avec weather-cock.
2ème: Un coq au vent? Non, c'est un ⚥ .
1er: Ah non! Un ⚥ est un windmill.
2ème: Impossible. Un windmill est un ⅄ .
1er: Ah, ne me donnez pas cela. C'est impossible qu'un ⅄ soit un windmill. Où sont les sails?
2ème: Oui, mais c'est un windmill *qui a perdu ses sails*. La plupart des windmills sont deserts, ou abandonnés, ou vandalisés.
1er: Ou convertis en homes bijoux.
2ème: Avec lampes de coach.
1er: Et video dans chaque chambre. Ugh!
2ème: Ah, c'est beau, la vie du rambleur!
1er: Oui! . . . Anyway, tournons au ⁝ , qui est peut-être un church, une pompe à vent ou un scarecrow et puis . . .
2ème: . . . et puis demander à un habitant local.
1er: Bonne idée. Vous savez, c'est idiot tous ces symboles pour les churches, *avec* tour, *avec* steeple, avec etc. Pourquoi pas des symboles différents pour les pubs? Le pub avec vrai ale, avec darts, avec pub grub etc.
2ème: Bonne idée. Meanwhile, où sommes-nous?
1er: Mmm . . . Nous sommes peut-être par ce pylon ici.
2ème: Je ne vois pas des pylons dans toute la landscape.
1er: Peut-être ont-ils été détruits par le Wiltshire Free Army?
2ème: Peut-être. Dites, qu'est-ce que c'est qu'un 🕻 ?
1er: Un téléphone? Une centre de repair de Sony Walkman? Un disco?
(*La discussion continue.*)

ORIENTEERING - Eoin Rothery.

Orienteering has two trends - the non-competitive, family-type sport, and the competitive navigation-on-the-run sport. Both types of orienteering are important and vital to the sport. Successful competitors encourage participation in the sport by their deeds, while future champions will come from the mass influx into the sport led by the wayfarer and his family.

TWO TYPES OF MAPS

Necessarily, therefore, there should be two types of maps. Let us call then Grade 1, for the competitive side and Grade 2 for the non-competitive. Mappers should therefore consider what their area will be used for, for both types have different demands.

INTRODUCTORY/WAYFARER MAPS

These should leave little to interpretation on the part of the orienteer. Everything visible on the ground should be included. Basic easy symbols should be used. Priority must be given to the road/ride network. Features of interest, such as nature trails, scenic views, nature trails, etc., may be included.

COMPETITIVE MAPS

Here we are dealing with navigation on the run, so let us first discard a few favourite areas which are NOT ORIENTEERING. Areas of fight, thick walk, rough open and gorse, firstly. Since you cannot run, you cannot orienteer, so no matter how detailed these areas may be, they should not be used. AJAX initiates are issued with instructions to map only the edges of these areas and not to go into them.

TOO MUCH DETAIL

Areas of many features, such as the Boulders of Brockagh. Hundreds of boulders are individually marked in crowds. The accurate orienteer who stops, takes out his compass, and paces, may still miss the correct boulder as he would need a measuring tape and a sextant to be 100% accurate. The bluffer, though, either runs in hard, hoping to be lucky (and sometimes is) or sees the accurate orienteer bending down to punch. I will include here, too, the Pits of Carrigolligan, the Drains of Ballinascorney and the Vegetation Changes of Ballinderry (and others).

CONTOURS

Contours are different. Unlike pits, vegetation changes and drains they are not subject to imminent change. Unlike boulders, contours are all different and each feature may be distinguished from its neighbour by orientation and relationship to neighbouring features. Maps should have contours as their priority.

CONTROLS ABOVE GROUND LEVEL

It is a forgotten rule of orienteering that a control site should be no more visible to an approaching orienteer when there is a person punching at it as to when the site is deserted. Controls, therefore, should not be put <u>in</u> pits, gullies, streams or drains unless they are more than six feet deep. Conversely, punches should not be positioned above the waist level of Junior orienteers, i.e. controls cannot be hung from trees but should be between 0 and 3 feet above ground level. (This bit is a by-the-way).

WHY PHOTOGRAMMETRY?

The purpose of photogrammetry is to obtain a base map. Now, contrary to what some people think, a base map is not an orienteering map without boulders. A base map is a set of interlocking lines which define

set points - i.e. points of whose location in relation to one another you can be certain.

YOU DO THE PHOTOGRAMMETRY

Aubrey Flegg made the excellent suggestion in the July issue that you obtain an enlarged photo of your wood and go out and mark on it what you want the photogrammetrist to put on the base map. This should cut out a lot of time on behalf of the photogrammetrist, and cut costs.

WHAT IS MAPPING?

Mapping is portraying a set of lines, points and areas. Photogrammetry may provide a lot of the lines. The orienteer has to check the lines, say what they are, and then go into the areas between the lines and look for control points (POINTS) and runnability (AREAS).

PHOTOGRAMMETRIC CONTOURS-A WASTE OF TIME

In general, photogrammetric contours in a wooded area are useless. What the orienteer wants are contour features. What the photogrammetrist is trying to privide is an estimate of the height of the forest floor above sea-level. Even in open ground, features are rarely picked out. The contours on the half inch maps of Ireland are of just as much use to the orienteer. Lots of Irish maps show typical photogrammetric contours. Thses are characterised by waves in the lines where the wobbles in one line fail to correspond to the wobbles in its neighbours.

SURVEY CONTOURS ON THE GROUND

Contours must be mapped as features. You go out and you see a re-entrant - you plot it as a line and an area. Then, when the time comes to draw the contours, you emphasise your feature, and between features your contours are smooth. Every single feature on the Curracloe map was surveyed on the ground - none were got from the photogrammetry.

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GEN NEWS

A mapping blitz was held on 5th August on Donadea. Despite the fact that it was midsummer,with many people away, a good many club members turned up. It was great to see some people who had never mapped out and trying for the first time. Many thanks to all of them. The ground work for new edition of the map was begun. I don't know if it was the fine summer or not, but the summer vegetation in Donadea changed the character of the place enormously: nettles were head high and impassable, while wild raspberries provided the dessert to the picnic held afterwards for the workers. The Forestry have done a lot of work in the forest. There are new roads, entrances, carparks, picnic areas and swimming places.

Club members have travelled far this summer in pursuit of the sport. We had representation in Sweden, Scotland, and lately in Hungary. Maura Thornhill and Eileen Loughman were on the womens' team for the World Championships. Next time we may have representation on the mens team.

The season begins again in September. At events, remember to look for the GEN triangle on top of a car roof.

PLASSEY ORIENTEERS

MUNSTER CHAMPIONSHIP WEEKEND RELAY EVENT

FOYNES FOREST, FOYNES, CO. LIMERICK (Grid Ref. R2452)

New colour map, 1 : 10 000 scale. Terrain 40% wood, 60% open.

3 courses: A- 5.5 km, B- 4.0 km, C- 2.5 km plus ad hoc 1A+1B+1C.

Entry forms from club secretaries, or from:
David Dunne, c/o J.Armstrong, 1 The Crescent, Woodpark, Ballinteer, Dublin 16, to whom all enquiries should be addressed.

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DEESIDE '83 RESULTS

H21A

1	S.Barrett	SCOT	3984
2	A.OCleirigh	IRL	3897
3	A.Rahmquist	SWE	3823
4	K.Bergendahl	SWE	3762
5	G.McIntyre	SCOT	3716
6	S.Svebestad	NOR	3690
7	L.Strand	SWE	3637
8	J.Musgrave	SCOT	3622
9	L.Skoog	SWE	3609
10	J.Doig	SCOT	3598
17	R.Bourne	AUS	3392
34	P.Kernan	IRL	3154

Barrett, OCleirigh and Rahmquist all had two wins each.
Six competitions were held, with the best four to count. The winner each day was awarded 1000 points, with proportionately less for those slower, so the maximum possible score was 4000.

The event was held in Scotland in the first week in August in the Braemar area.

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HILL RUNNING FIXTURES SEPT - DEC 1983

Sept	18	IHRA v NIFRA Glen of Imaal, Co. Wicklow. 8mls/2400ft. Record C.Rice 1981 66.19.
	18	Benevenagh. 5mls. (NIFRA)
Oct	1	Great Outdoors Trophy Race, Scarr Mt. near Annamoe, Co. Wicklow. 7mls/1400ft. (R.Bryson 1982 47.06)
	1	Slieve Bernagh. 8 mls. (NIFRA)
	16	White Hill, Luggala, Co. Wicklow. 6.5mls/900ft. New race.
Nov	13	Clashegall Horseshoe, Glen of Imaal Co. Wicklow. 6mls/1300ft (E.Rothery 1982 46.11)
Dec	11	Maulin, Glencree, Co. Wicklow. 4mls/1400ft. Start:Crone Wood. (J.McCullough 1982 38.43)

Races start nominally at 1.30 pm. Fixtures should be confirmed with Paddy O'Brien (01 -905059), Douglas Barry (01-868180) or Gerry McGrath (01-829940). For NIFRA fixtures contact Terry Eakin, Belfast 662082.

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Cover Photo: Mapping. Taken by Oisin Creagh (3ROC)

THE JUNIORS' PAGE - LARRY ROE

With many of you Juniors now returning to school, it is time to act quickly and get orienteering in school off on a good footing for the year. First you've got to find a teacher or an adult, a parent perhaps, to supervise your activities. He or she need not know anything about orienteering. He just needs to be present while you use your organisational skills to set things in motion among your classmates. You can set about the whole procedure equally well in your Youth Club, Scout or Guide Group.

Next step is to find a map. If your school has any grounds, football pitches etc. then it quite easy to map. You can either try this yourself by measuring out distances between various points and it is a good idea to use triangles to check your accuracy. For example, start at the corner of the bicycle shed and pace across to the goal post, from the goal post to the edge of the tennis court and back to the bicycle shed. Put all this at a suitable scale on paper or simply build up your triangles to cover the whole area. Use suitable symbols, draw out the map as neatly as you can, and if you find it is too big then a photo-copying service can reduce it for you but you must then adjust your scale. If your school has a photo-copier then you can duplicate your map for a couple pence each. If you feel the task is too much for you then ask your orienteering club to come in and help you but remember to get permission first before you map.

Well now that you have a map or access to a nearby park which is mapped, then you can run an event. Apart from the usual cross country event you could try a Norwegian event (your route to the next control is given at each control in turn) or a score event (but needs watches). For good fun try a relay but only after you have got used to a lot of organising. Try a Norwegian without using a map or to put two loops of cross country into a small area use a second master map. Equipment need present no problem. Controls can be a square sheet of hardboard or plywood painted red and white, hung with string and with the code number on it and competitors can write in the code numbers if punches are not available. (only watch out for cheating this way). If you get a few people to help they can man the controls and at the same time help those who are confused.

So now that you have some of your classmates interested, the next step is to take them to an outside event organised by some local club on a Sunday. If transport is a problem then you either ask around and find a few obliging parents who will drive you to the event or else find out if another school nearby is using a bus and has a few spare seats. Contact me or the L.S.O.A. for help with transport. If enough people go to an event it is quite easy to hire a minibus.

If you succeed in getting any adults or teachers interested in orienteering or mountain walks or first aid or simply taking groups of youngsters off hostelling then they may be interested in a week-end workshop on these areas at Aughavannagh Youth Hostel from Friday Sept.23rd to Sunday Sept.25th. There is no cost but you need to organise transport there and back and look after your own catering. It promises to be full of fun and interest and further information can be got by ringing Mr.Eddie McGrane at 984437.

Finally, all preparations are going well for the forthcoming Home International on November 12th/13th and some of the team to represent Ireland have already been selected and will be informed early in September so that they can get cracking on their training schedules. The final places will be filled immediately after the Munster Champs.

Larry Roe (953442)

RESULTS of Curragh Orienteers' Grade 1 event at Kilcooley Abbey - 22nd May, 1983.

A Course 13.5km

M21A

1.	J. May	3ROC	83.00
2.	W. Young	CURR	83.05
3.	P. Kernan	3ROC	83.57
4.	E. Rothery	AJAX	85.42
5.	D. Reidy	ECO	86.43
6.	P. Cadogan	CORK O	90.01
7.	B. Corbett	DUO	91.48
8.	S. Cotter	CORK O	93.30
9.	G. Byrne	CURR	95.58
10.	B. O'Neill	CURR	96.12
11.	J. McCullough	3ROC	99.14
12.	P. Lalor	CURR	102.09
13.	D. Murphy	ECO	105.01
14.	D. Callanan	CORK O	105.20
15.	P. Nash	SO	108.42
16.	P. O'Brien	AJAX	109.17
17.	R. Cleary	3ROC	109.20
18.	T. O'Sullivan	CURR	110.18
19.	N. Finlay	AJAX	113.00
20.	D. O'Beirne	3ROC	113.13
21.	R. Poff	DUO	113.34
22.	O. Creagh	3ROC	118.04
23.	S. Cunnane	CORK O	123.07
24.	K. Davies	DUO	125.23
25.	D. Quinn	GEN	128.44
26.	J. Kehoe	SET	133.24

1 non-finisher

M35

1.	A. Flegg	SET	98.23
2.	N. Rice	AJAX	103.20
3.	P. McCormack	GEN	104.01
4.	A. Shaw	ThO	111.09
5.	E. Niland	AJAX	121.24
6.	L. Roe	3ROC	121.47
7.	F. Ryan	WE	128.37
8.	P. Long	LEE	130.40
9.	T. McGrath	3ROC	132.41
10.	B. Gregor	LEE	155.45

B Course 10 km

W19A

1.	D. Ni Challanain	AJAK	90.26
2.	M. Thornhill	GEN	93.37
3.	U. Creagh	3ROC	100.21
4.	E. Loughman	GEN	101.11
5.	E. Flegg	SET	104.03
6.	T. Murphy	ECO	104.33
7.	J. Martindale	TO	106.37
8.	C. Nuttall	LEE	113.49
9.	T. Horan	AJAX	128.53
10.	H. McCutcheon	AJAX	159.22
11.	M. Rohan	LEE	161.19

1 non-finisher

B Course (Cont.)

M43

1.	H. Quirke	CURR	78.57
2.	F. McCormack	CURR	85.46
3.	A. Bonar Law	GEN	88.08
4.	C. Dunlop	SET	93.18
5.	F. Martindale	TO	97.15

M21B

1.	B. Phelan	3ROC	80.15
2.	P. Flanagan	3ROC	87.33
3.	D. Larkin	3ROC	106.19
4.	B. Andrews	GEN	111.11
5.	P. McManus	3ROC	139.42
6.	N. Clarke	ThO	166.46

1 non-finisher

M19

1.	J. Mulvanny	CURR	96.05
2.	J. Hogan	CURR	104.20
3.	A. Murphy	CURR	105.56
4.	J. Hayes	CURR	107.25
5.	J. Kelly	CURR	110.19
6.	K. Friel	CURR	116.13
7.	M. Duffy	CURR	151.01
8.	J. Cully	CURR	169.26

1 non-finisher

C Course 8.5 km

M17

1.	J. Calnan	CORK O	87.56
2.	T. Cole	CURR	94.19
3.	D. Hickey	CURR	97.01
4.	D. Stokes	CURR	97.13
5.	M. Geraghty	CURR	117.55
6.	T. Walsh	CURR	121.52
7.	R. Duggan	CURR	124.36
8.	J. Finnegan	CURR	129.36
9.	N. Bond	CURR	129.38
10.	K. Parker	CURR	129.55
11.	Hutchinson	CURR	133.11
12.	D. Enright	CURR	134.23
13.	M. Ryan	CURR	135.48
14.	K. McStay	CURR	136.01
15.	B. Kenny	CURR	137.24
16.	R. Long	CURR	138.35
17.	N. Kennedy	CURR	143.29
18.	H. Moody	CURR	154.21
19.	S. McNamara	CURR	174.34
20.	R. Coffey	CURR	188.56
21.	T. Maher	CURR	190.16
22.	L. Keena	CURR	191.54
23.	R. Leaney	CURR	196.12
24.	C. Whelan	CURR	200.16
25.	B. Carroll	CURR	278.47

3 non-finishers

C Course (Cont.)

W19B

1.	C. Morrish	LEE	99.15
2.	E. Dean	CORK O	121.09
3.	R. Roche	GEN	127.33
4.	A. Masterson	AJAX	128.15
5.	J. Morrissey	GEN	146.38
6.	D. T. Roche	GEN	153.44
7.	P. Reidy	ECO	167.03
8.	K. Desmond	3ROC	234.30

1 non-finisher

M50

1.	S. Kulldorff	SET	106.24
2.	F. Cunnane	CORK O	119.54
3.	J. Creagh	3ROC	137.26

1 non-finisher

M56

1.	F. Calnan	CORK O	128.58
2.	P. Van Rooyen	SET	133.18

W35

1.	B. Flanagan	3ROC	103.17
2.	J. Flegg	SET	114.21
3.	M. Groeger	LEE	125.10
4.	M. Higgins	SET	195.59

1 non-finisher

Non-Competitive (C Course)

D. Quinlan	SBO	137.39
N. Reidy	CURR	170.59
T. Aherne	CURR	174.04

1 non-finisher

D Course 7.5km

M15

1.	N. Bohan	CURR	71.55
2.	B. Maloney	CURR	111.50
3.	C. Bunt	CURR	115.34
4.	M. Parlon	CURR	119.37
5.	G. Roche	GEN	135.21
6.	F. Cronin	SET	181.46

9 non-finishers

W17

5 non-finishers

W43

1.	N. Creagh	3ROC	100.56
2.	D. Large	GEN	116.20

W50

1 non-finisher

Non-Competitive (D Course)

C. Cullen	CURR	81.41
P. Herbert	CURR	102.42
M. Brown	CURR	104.48
Farrell	CURR	108.21

Non-Competitive (D Course) - Cont...

F. Ledger	CURR	109.30
Keane	CURR	112.38
A. O'Neill	Sarsfields	119.44
P. O'Brien	Sarsfields	122.15
G. Flanagan	CURR	124.59
Hickey	-	126.04
Mooney	-	129.06
Mayne	-	132.13
G. McKeon	CURR	139.24

E Course 4 km

M13

1.	F. Dooley	SBO	134.00
	N. Flegg	SET	DISQ (no. 4)

1 non-finisher

W13

1.	D. Cunnane	CORK O	64.30

Non-Competitive (E Course)

D. Spallacy	-	79.01
K. Spallacy	-	91.09
T. Pope		101.49
B. Daly	CURR	DISQ (no. 3)

2 non-finishers

F Course 3 km

M10

1.	J. Ryan	WE	151.42

W10

1.	M. Larkin	AJAX	61.43
2.	D. Ryan	WE	151.38
	A. Rice	AJAX	DISQ (no. 8)

WAYFARERS

1.	M. Cunnane		55.43
2.	M. Norton		70.00
3.	A. Murphy		70.03
4.	D. Norton		70.08
5.	M. Malone		70.20
6.	M. Murphy		70.43
7.	M. Carroll	CURR	105.12
8.	S. Coffey	Thurles	112.27
9.	D. Coffey	Thurles	117.41
10.	P. Coffey	Thurles	118.27
11.	E. Quirke	CURR	129.20
12.	T. Dooley	SBO	130.27
13.	M. Gleeson	GEN	143.38
14.	C. Ryan	WE	152.04

5 non-finishers

FIXTURES SEPTEMBER-DECEMBER 1983

			Grade	
Sept.	11	*Clara, near Laragh, Co.Wicklow. Colour event.	3	SET
	11	*Currabinny, Co.Cork.	-	CORK O
	17	NIOA Championships, Gortnamoyagh, Co.Derry. Entries close Sept. 2: Lindy McConnell, Lisnakilly, Limavady, Co.Derry.(0504 724902)	1	NWOC
	18	NWOC Handicap Relays, Gortnamoyagh, Co.Derry.	-	NWOC
	18	*Gugan Barra, Co.Cork (New map).	2	CORK O
	25	NATIONAL ORIENTEERING DAY. SEE SEPARATE NOTICE		
Oct.	2	Castle Bernard, Kinnitty, Co.Offaly.	2	SBO
	2	*Ballinascorney, Co.Dublin. Colour event.	3	SET
	2	*Castlefreke, Co.Cork. Munster League.	2	LEE O
	8	*PLO Relays, Foynes, Co.Limerick.(Sept.11)	-	PLO
	9	*Munster Championships, Glengarra, Co.Tipperary. (Sept. 11)	1	CORK O
	9	Massey's Estate, Co.Dublin.	2	MPO
	15	IOA Development Conference, Kilkenny.		
	16	Leinster Relay Championships, Kilcooley Abbey, Co.Tipperary (near Urlingford) (October 9th)	-	CO
	16	Tralee, Co.Kerry. (New map)	-	KO
	15-16	AFAS Intermediate O-Course, Co.Tipperary.		
	23	Seefin, Kilavullen, Co.Cork.	-	UCCO
	23	Coole Park, Gort, Co.Galway.	2	GRTCO
	23	*Pine Forest, Co.Dublin. (New map)	2	3ROC
	30	Shippool, Co.Cork.	-	CORK O
	31	Dublin City Marathon.		
Nov.	6	Aherlow, Co.Tipperary. Munster League.	2	TO
	6	*Glencullen, Co.Dublin. (New map)	2	AJAX
	6	Mountbellew, Co.Galway.	2	UCGO
	12-13	Leinster 2-Day, Glencree, Co.Wicklow. Entries close Sept. 30th. Entry forms in last issue.	1	DUO
	20	Pine Forest, Co.Dublin.	2	DLSO
	20	Kylebrack, Co.Galway.	2	Custume
	20	Castleblagh, Ballyhooly, Co.Cork. Munster League.	2	LEE O
	27	Fauna, Donard, Co.Wicklow. (New map)	1	ECO
	27	Glenbower, Co.Cork. Colour event.	3	CORK O
Dec.	4	*Killiney Hill, Co.Dublin. (New map)	2	AJAX
	4	Rostellan, Midleton, Co.Cork. Munster League.	2	CRTCO
	11	Little Killary, Co.Galway.	2	LKAC
	11	Scartnamuck, Co.Cork.	3	LEE O
	11	Cronybyrne, Rathdrum, Co.Wicklow.	1	SET
	18	Ballinderry, Rathdrum, Co.Wicklow.	1	UCDO
	26	*Pine Forest, Co.Dublin. Score event.	3	3ROC
	27	Ballincollig, Cork.	3	CORK O

NIOA FIXTURES

Sept.	17	NIOA Championships, Gortnamotagh.	NWOC
	18	NWOC Relays, Gortnamoyagh.	NWOC
Oct.	1	Tardree	AOK
	15	Clandeboye, Co.Down.	
	22	Portstewart, Co.Derry.	NWOC
	29	NIOA Night Championships, Tollymore, Co.Down.	
Nov.	19	Castlewellan, Co.Down. BOF Badge event.	LVO

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