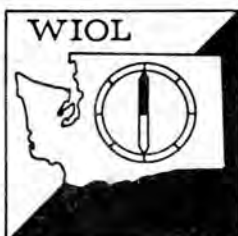


THE NORTHWEST ORIENTEER

Journal of the Northwest Orienteering Association



WASHINGTON
INTERSCHOLASTIC
ORIENTEERING
LEAGUE



INFORMATION:

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WASHINGTON INTERSCHOLASTIC ORIENTEERING LEAGUE
1983-1984

DATE	HOST	EVENT	LOCATION	
SAT NOV 19	COC	Practice Event	Lincoln Park	Seattle
SAT DEC 3	NO	Practice Event	Priest Point Park	Olympia
SUN DEC 4	SOC	Practice Event	Rodinswood Park	Bellevue
SAT DEC 10	COC	WIOL I	Woodland Park	Seattle
SAT JAN 7	COC	WIOL II	Camp Long	Seattle
SAT JAN 14	COC	Practice Event - North	Farrell McWhirter Park	Redmond
SAT JAN 21	NO	WIOL III	Ft Steilacoom Co Park	Tacoma
SAT JAN 28	SOC	Practice Event	Kelsey Creek Park	Bellevue
SAT FEB 4	COC	WIOL IV	Carkeek Park	Seattle
SAT FEB 11	COC	WIOL V	St Edward State Park	Kirkland
SAT FEB 18		Practice Event	TBA	
SAT FEB 25	NO	WIOL CHAMPIONSHIP 1984	Ft Lewis	

ELIGIBILITY: Participation is open to anyone currently enrolled in junior or senior high school. Students may compete as individuals or as members of a team. Team scoring will be based on a minimum of four competitors and calculated as in cross country. There is no maximum number of team members. Teams are co-ed.

PARTICIPATION: Since orienteering is not yet part of the regular school athletic program, participants must take the responsibility of organizing their own teams and making transportation arrangements to get to the meets. WIOL can offer some assistance in arranging rides and will provide coaching

in orienteering techniques. One way this will be done is thru Chariots of Fire, a newsletter that each participant receives following each of the competitions.

REGISTRATION: It is advantageous to register in advance for the whole season, since the \$10 fee, which will be accepted up to December 10, covers the total cost of 12 meets, including the championship. Payments on an individual meet-by-meet basis would total about twice that amount.

INFORMATION: For more information call:
Seattle Dan Waugh 365-1818
Olympia Connie Suttoff 352-5542
Tacoma Clayton Smith 474-5675

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November-December 1983

Vol 1 No 6



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How to Make Good Quality
Black and White Maps

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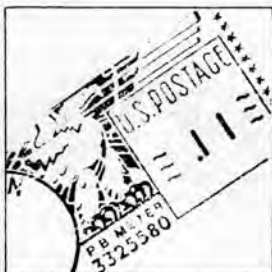
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DEADLINE: Thursday 15 Dec

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MAP MAKING

HOW TO MAKE GOOD QUALITY BLACK & WHITE MAPS

PART III

What luck! You've found a good area; it's public land; and USGS maps and cheap aerial photos of it are available. Let's start drawing the map. But wait, your maps and photos have different scales. And what will you draw with and on? You must first locate and acquire some drawing aids.

Your drawing table can be a piece of sheetrock. I like a size about 2 ft x 4 ft; but accept whatever your friends or the lumber yard will give you. Bind the cut edges with tape to keep it from disintegrating.

Next, find a good stationery or art supplies store and buy a fairly large sheet of double-sided mylar (at least twice the size of your finished map) and your pens and ink. The final map will be drawn on this mylar; and yes, you will do this with ink. Get three technical pens: sizes 4x0, 0, and 2½. Each of these produces a line twice as wide as the previous; and even a thin 4x0 line will print after half size reduction. Depending on what scale you choose for your map, you might want to make your drawing twice the final map's size. But more about this in the next article. Along with your pens, buy a vinyl eraser (for that one-in-a-million chance that you will have to erase a line) and a 1 oz. (29 ml) bottle of very black drawing ink. The blackest inks are mostly carbon and tend to clog the pens more easily, so ask the salesperson how to clean them. You might even consider getting a pen cleaner. I've got a nice one that screws onto the pen and squeezes water through it, but it costs almost as much as a pen point.

Phone or visit nearby libraries and schools and try to locate an opaque projector and a light table for future use. The opaque projector is a first cousin to the more common overhead projector. It projects photos or other draw-

ings rather than transparencies, and is the best way to transfer the aerial photo's vegetation information onto your USGS based contour map. Just hang the map on the wall and project the photo onto it. The light table is less useful, but nice to have for tracing onto mylar from photos with poor contrast. The lights warm the mylar, however, and this clogs the pen faster.

Now is the time to find a blueprint shop, printer, or quick press where you can get good quality PMTs (photo-mechanical transfers) made. This is an inexpensive printing process which, if carefully done, will show the 4x0 lines even after a half size reduction. You might use the printer's services twice: once for the base map and again when your map's final thousand copies are printed. For the former you will want your orienteering area on the 1:24,000 scale USGS map enlarged to the scale of your base map. The printer should be capable of making the distance between two points on the USGS map into any distance you want, within 1/64 inch, on the printed PMT.

Lastly, find a good quality photo copier (IBM, XEROX, CANNON, etc.) able to handle large originals and preferably with a half-size reducing feature.

All of the above can be done in several busy days, and it will be in these places and for these things that you will spend most of your money. So far you have used about half of your mapping year, and still have nothing concrete and map-like. Patience; by the end of the next installment you will have a base map. For now locate

1. MYLAR, PENS, INK, DRAWING TABLE

2. OPAQUE PROJECTOR, LIGHT TABLE

3. PMT FACILITIES, PHOTOCOPIER

Practice with those pens on the mylar. You might even try a few surgically precise erasures.

-Willard Sperry, EOC



APOLOGY OF A MADMAN

(or Thoughts on Some Problems at the Washington State Championships)

(Back in the balmy days of the evil Tsar Nicholas I, a Russian thinker named Chaadaev had the temerity to criticize Russia. Nicholas was upset, and, being a nice fellow, rather than send Chaadaev to Siberia he had him declared insane. Chaadaev then attempted to exculpate himself by writing his "Apology of a Madman.")

Back on a nippy weekend in the balmy days of King Ronald the First and Last, during the Washington State Orienteering Championships, certain competitors had the temerity to protest (or at least grumble) and criticize the course designers. On being shown that he was in error, one of them (the worst of the offenders) declared himself insane and offers the following, which, he hopes, will contribute to constructive thought about protests and what should be done in response to them.

The rules of USOF and IOF provide that a protest must be filed in writing and be taken up by a jury of three. IOF further provides that the course controller and a representative of the organizers of the event be present at the jury deliberations and that the protestor submit with his protest

double the meet fee, a sum which will be refunded only if the protest is upheld.

What happened at Ellensburg and Cle Elum did not exactly follow the rules. Was a formal protest ever filed on Saturday? Certainly not in writing. How was the decision made to throw out the blue course results? Largely by informal consultation, which may not be amiss where everyone is friends (at least up to that point). What was missing though was consultation with the course designer (who knew better than anyone why the marker in question was located where it was) and a reexamination of the marker location in the field (sure, no one really wanted to walk through the sagebrush all the way to the far end of the course).

The problem really lay in the interpretation of the map, where in black and white ponds and knolls looked alike. In the given instance, probably no control should have been in the confusing area (it would have been easy enough to move the marker to an adjoining reentrant), but in any event, it seems clear that a little more time might well have been expended in investigating the problem. What was not obvious to many seemed very obvious to the course designer, who deserved a hearing.

At Cle Elum on Sunday, a heated competitor (the undersigned) stormed into the finish and gasped, "I protest." Fact is, of course, he had just blown it and DQ'd, not having found a marker but having found where he was "sure" it should have been. So he proceeded to drag out (naturally, to the farthest point in the course) the course designer and the leader on the course to "prove" he was right. No formal procedures being followed, naturally (after all, what is a protest among friends? Former friends?). Maybe one does not need to go exactly by the book, depending on the circumstances, but in the given instance, a check to see how the others on the course had fared on the given control (and in the process, taking time to cool off) would probably have been sufficient to demonstrate the error. Moral of the story? Count to ten, then count to ten again, talk with the others who had the control, don't assume (if you are the kind that makes at least one horrendous mistake every other meet, if not more often) that you know better than the course setter.

A footnote: going out to check that control was most instructive for the one who committed the error. A

turn to page 6



Letters...

POINT OF VIEW

Where there is forest and mountain, there is orienteering. Initially I was surprised at the extent of orienteering in the northwest, however there were more surprises on the way.

Prior to my arrival to the scenic northwest, uncle had discovered a few o-phone numbers in the 'GO DO' article in the Seattle Times. Good idea, should be done again. So I landed in the middle of a scout meet in Woodland Park, with muffin and coffee in hand. I asked, "When is the orienteering going to start?" No response, just a funny look. Noticing a more athletic group, I realized my mistake - and so an enjoyable first event - with a refreshing surprise in the watermelon afterwards.

What was in store at Priest Point Park was a shocker - in this 'jungle' I met a snake (these creatures don't exist back home - St Paddy and all that!) - most disorientating!

Some Cascade orienteers saw some fieldwork ability in me - Hmm - anyway the map of Lake Tradition was duly completed - well done John - remember the two disorientated ladies in the tunderstorm - "Oh we're in the wrong carpark!" oh the joy of fieldwork and knowing one's location.

Hurrah for Clayton and the Niqually Orienteers on a well run Evergreen event - it was nice to win a prize or two. Thanks to Danny, my 'O-chauffeur', for giving me rides on many occasions. Pity there wasn't a better turnout. Rumor has it that Northwest Orienteers are planning on one event a month - oops not a good idea - infiltrate the schools, get those young legs out and make events weekly.

Thanks to Harvey and Anne for rides and the rent. The slide show of Scandinavia was enjoyable. What of Cougar Wilderness near Bumping River - a bit damp - but many a hardy orienteer braved the rain - for a day at any rate - on Tumac Mountain - oh the enthusiasm of Cascade orienteers.

Ah yes, it was fun to orienteer between forest and lake on the Cascade Range and among friendly orienteers to boot. Funny those black and white maps, but then they were quite a challenge. Canoeing and bike-O added spice and variation - as a Canadian would say - O' here is alive and well eh! With Cle Elum's, a championship and young legs - orienteering will become big-time.

O-luck

Mark Donovan

Ed note: Mark was able to experience NW orienteering during his short stay at the University of Washington. For anyone who

wishes to correspond or look him up when they are in Ireland his address is:

Mark Donovan
Crannack, Hillcrest Rd
Sandyford, Co Dublin
Ireland



With more orienteering clubs in the Northwest and with growing cooperation among them, I would like to propose the following control marker numbering system.

The International Orienteering Federation suggests the use of numerals (not letters) with none less than 30. It requires (for international events) that the numerals be 5cm high. I feel that all newly acquired markers in our region should conform to these rules - in part because we will someday have an IOF event here - but mostly because they give us a way of identifying markers so that we can pool them for a large meet without having duplicate numbers and can give them back to their owners later.

The method is fairly simple. Each club uses a continuous block of numbers for its markers. We could assign them based on, say, the order of original USOF charter date. For example, COC could use 100 to 149, WSU-PEOC 150-199, EOC 200-249, etc. We could agree on different numbers and so on, but let's start with this system now, with the next set of markers in the region. We will have some large events in the future and will need all the markers we've got.

- Mike Schuh

FORUM from page 5

classic example of committing several errors on one leg--bad route choice (extra climb, weak attack point above the control), failure to check several features when relocating after initially missing the control (and hence using a feature in fact not on the map), parallel error, failure to consider the relative merits of spending another 5 mins. looking for the control (many) or deciding to go on, impatient for the time wasted (none). Probably a few other mistakes too.

I am trying to persuade my doctors that I am cured and should be released in time for the next Washington State Championships. I have told them that the courses were in fact excellent, and that the immense amount of time the course designers put into the meet deserved more appreciation. I have also asked the doctors why so many of them stayed away from the meet, but have yet to hear an adequate response to that. Maybe that's why they won't let me out.

Dan Waugh

EVENTS



DATE/TIME	CLUB	TYPE	EVENT/LOCATION	MAP	CONTACT PERSON
SAT NOV 5 7-9:00pm	COC	S	Woodland Park Night Meet Seattle, WA N 50th Street entrance	1:3,000 Color	Harry Morgan (206) 283-6498
SAT NOV 12 11-1:00pm	OSUOC	C	Chip Ross Park Corvallis, OR north dead-end of 29th in NW Corvallis	1:15,000 B&W	
SUN NOV 13	EOC	S	OWU Campus Ellensburg, WA East side of SUB	1:10,000 B&W	Steve Stoneback (509) 968-3028
FRI NOV 18 6:30-9:30pm	COC	M	Pot-'O'-Luck No Host Dinner Social Robert & Sandra Miller's Home 6003 Greenwood North, Seattle, WA	BYO-Food	Robert Miller (206) 782-1437
SAT NOV 19 10-12:00	COC	C	Lincoln Park Seattle, WA picnic area at S end of Park	1:5,000 B&W	Harry Morgan (206) 283-6498
SUN NOV 20 10-12:00	NO	C	Steel Lake Park Motala Event Federal Way, WA off S 312th Street north of SeaTac Mall	1:2,400 B&W	Clayton Smith (206) 474-5674
SUN NOV 20 2:00pm	NO	M	Planning Meeting for Nisqually Orienteers meeting open to <u>anyone</u> interested in attending Clayton Smith's home: 4338 East F St, Tacoma		Clayton Smith (206) 474-5675
SAT DEC 3 10-12:00	NO	C	Priest Point Park Olympia, WA I-5 Exit 105B, 2.5mi N on Plum/East Bay Dr to park	1:7,500 B&W	Gary McCausland (206) 352-5542
SAT DEC 3 11-1:00	OSUOC	C	Mt. Pisgh Eugene, OR I-5 Exit 189, 3mi S on Seavey Loop Rd to Buford Park	1:15,000 B&W	
SUN DEC 4 10-12:00	SOC	C	Robinswood Park Bellevue, WA 146th Avenue SE at SE 24th Street	1:3,000 Color	Dave Enger (206) 455-5328
SAT DEC 10 10-12:00	COC	C	Woodland Park - WIOL I Event Seattle, WA N 50th Street entrance	1:5,000 Color	Harry Morgan (206) 283-6498
SAT DEC 10	EOC	C/W	Compass Workshop Kiwanis Park, Ellensburg, WA 1/2 mile N of downtown		Dale Width (509) 925-5873
SUN DEC 11 12:30pm	*	C	Discovery Park Discovery Park Visitor's Center, Seattle * event hosted by members of UW Experimental College orienteering class	1:10,000 Color	UW Exper. Col. (206) 543-4375
WED DEC 14 7-9:00pm	COC	M	Slide Presentation by Mike Schuh of WM83 Club Business Meeting - Annual election of club officers Greenlake Public Library, Seattle, WA		
MON DEC 26 10-12:00	COC	B	4th Annual Holiday Festival Event St Edward's State Park, Kirkland, WA Juanita Dr at NE 145th Street, S of Kenmore	1:10,000 Color	Harry Morgan (206) 283-6498
SAT JAN 7	COC	C	Camp Long - WIOL II Event Seattle, WA		

EVENTS



DATE/TIME	CLUB	TYPE	EVENT/LOCATION	MAP	CONTACT PERSON
SAT JAN 14	COC	C	Farrell McWhinter Park Redmond, WA		
SUN JAN 15	EOC	C	Thrall Park Ellensburg, WA 4 miles S of Ellensburg	1:15,000 B&W	JoAnne Sperry (509) 925-4716
SAT JAN 21 10-12:00	NO	C	Ft Steilacoom County Park - WIOL III Tacoma, WA	1:10,000	Clayton Smith (206) 474-5675
SAT JAN 28 10-12:00	SOC	C	Kelcey Creek Park Bellevue, WA SE 4th Place at 130th Avenue SE	1:13,000 Color	Dave Enger (206) 455-5320
SAT FEB 4	COC	C	Carkeek Park - WIOL IV Event Seattle, WA		
SAT FEB 11	COC	C	St Edward's State Park - WIOL V Event Kirkland, WA	1:10,000 Color	
SUN FEB 12	EOC	SKI	Snow-D (tentative) Pine Hills (Cle Elum Ridge) Cle Elum, WA	1:15,000 Color	
SAT FEB 25	NO	B	WIOL CHAMPIONSHIP 1984 CIV/MIL O-CUP Day 1 Ft Lewis, WA	1:15,000 Color	Clayton Smith (206) 474-5675
SUN FEB 26	NO	B	CIV/MIL O-CUP Day 2 Ft Lewis, WA	1:15,000 Color	Clayton Smith (206) 474-5675
SAT MAR 17	EOC	C	Dunn Road (tentative) Ellensburg, WA 8 miles S of Ellensburg	1:15,000 B&W	

- EVENT TYPE:
- A USOF or COF sanctioned National event. Results of US events are used in the US National Ranking System. Courses for all levels. Awards presented.
 - B Regional event. Courses for all levels: novice/beginner-advance. Results used for the Regional Ranking System. Awards presented.
 - C Local event, usually very social. Limited courses: novice/beginner & others.
 - I Introductory/Instructional/Novice event. These events are for newcomers and novice orienteers to introduce them to the sport and provide instruction.
 - T Training event. These are for more experienced orienteers above the novice/beginner level.
 - M Indicates meetings, conferences, etc.
 - W Workshops, clinics, etc. These are O'skill development sessions.
 - R Relay event.
 - S Special event: Score, Novelty, Bike, Canoe, Long-O, Mountain Marathon, etc.
 - SKI Ski-O event.

GENERAL NOTES: Unless otherwise noted, all events have an open registration/start period between the hours indicated in the DATE/TIME column.
All clubs in the northwest region honor each others club membership status for the 'club member discount' fee, bring your club membership card to other club events for this benefit.

AT THE B. C. CHAMPIONSHIPS

As one of a sizeable contingent of orienteers from south of the border who drove the seven hours from Seattle to Kamloops, I can testify that the long trip was well worth it. Seems like orienteering in B. C. is always great fun--Is it the sport? Is it B. C.? The B. C. orienteers? All three? Some mysterious "O Factor"? Anyway, if I may wax (weakly) poetic:
We all
had a ball.

The meet on September 17-18 was at Joyce Gulch, a lovely, newly-mapped area within spitting distance of the metropolis of Kamloops. The terrain tended to the steep in places but had some excellent technically complex and subtle topographic detail. Much was open, and the rest very runnable woods. As we were warned, the mapping of vegetation boundaries was a bit weak, but the map was generally good and a tribute to the effort of OABC to get local Kamloops talent involved from the new club there.

Although I have not seen all of the courses, I might quibble a bit about them. Orange, which my wife Marina ran and finished (with difficulty) seemed technically fairly severe. Perhaps we set too easy orange courses. There were, for my taste, too many common controls, which led to an awful lot of traffic at some controls, considering that there were only about 100 people out altogether (that, in itself, was apparently a B. C. Championship record though). And, unfortunately, a mismarked con-

trol on day 1 red voided the results (I suppose I should be happy--did better on day 2).

Competition was fierce in some categories. H21 had a record number of entries. Two Englishmen, Mark Fettes of Cambridge and Graham Sellens of Sheffield, fought a close battle for first, with Fettes winning in a speedy two-day total of 119:01. They destroyed the rest of a strong field. Jeff Lewis was 7th with a 144:09 total and Dave Enger, after a bad second day slumped to 15th with 167:05. In H21B, Gary McCausland was edged out of first by 21 seconds. In H35A, where likewise the results were based only on day 2, a total of little more than a minute separated the first three places, with yours truly about six minutes off the lead in fourth (fifth overall on red). Not even Pat Glover, the winner of the class, could beat Robyn Rennie's 54:15. What else is new? In my, admittedly brief, memory, she always has the best time on red, although maybe this time the footsteps were a bit louder in pursuit. Another close class was D35, where Anne York had the best time day 2, but her combined total of 170:33 put her about 3 minutes behind Mary Roozendahl of Vancouver Island and in third place. Their results the second day were just the reverse of the first day ones.

In D 21B, Connie Sutthoff was 4th about 26 minutes behind the leader. The American contingent had the open classes just about to themselves though, with Valerie Tinsley winning the one and John Huth finishing ahead of Harvey Friedman in the other.

A couple of other notes on things that impressed me at Kamloops. First, in the orienteering, Peter Smith of Vancouver Island's Cowichan Valley club, behind by a fraction on the first day, completely demolished the field with a 50-minute run on day 2. Encouragement for those of us soon to enter that creaky-bones H43 category? I recall puffing into the one control I really botched on day 2 (which was also on his course) as he came steaming out of it as though he had only just begun rather than just about finished his course. Inspiration to train harder. Second, in the city of Kamloops--I recommend the fine local museum of history. For fans of "The Grey Fox," it has a special exhibit on Bill Miner, but there is much more. Good way to take one's mind off 15 minutes of mistakes....

Dan Waugh





EOC

Ellensburg Orienteering Club held its first meeting after the summer layoff. Events were scheduled through the winter. The club will hold a meet on Nov 13 on the CWU campus and we will attempt to get an article in the campus newspaper promoting the meet. We also discussed producing a club T-shirt. Steve Stoneback returned from Ohio and resumed his duties as club president. Apparently he couldn't stay away from our fun monthly meetings.

The club helped COC put on the successful Washington State Championships. Course setters H. Friedman and A. York, and course vetters H. and L. Morgan and Tobey were accommodated by D. Width. Club members aided at the start and registration points, and with picking up markers both days.

The annual meeting of members will be held on the second Wednesday of February. Our next regular meeting will be Wednesday, November 18.

-DW

COC

Now is that time of year again for C.O.C. members to be thinking about new officers for 1984. Elections will be held at the December general meeting so anyone who wants to run for any of the 4 officer positions or who wants to be appointed to a coordinator position, let Harvey know either at a meet or at LA 4-3437. According to our by-laws anyone holding the office of President or Vice-President must be a member of the U.S. Orienteering Federation. For any more information about duties and/or rewards of holding office in a voluntary organization, talk to Harvey or Harry.

We all welcome Ingemar Jansson, a top-notch Swedish orienteer and map-maker who will be attending the U. of W. for the next year and who intends to make a proper orienteering map of the campus as his 1st project here. He has already made his presence felt by finishing 1st both days of the Washington State Championship meet in October, and by offering useful suggestions on

all aspects of orienteering to those who have had the chance to talk with him.

At the time this is being written, Nisqually Orienteers are planning to hold a USOF-sanctioned Class A meet in August 1984. Let us all help our much smaller neighboring club to the south in making this a successful event. In addition to just attending, some of us will be necessary to help with starting and timing, picking up visitors at the airport, etc. Please call Clayton if you can help.

Since everyone who attended the Saturday evening get-together at the Flying Horseshoe Ranch had such a good time just socializing, we will have just a social meeting of club members around the middle of November at a place to be announced in this issue's schedule. We also will have a business meeting to elect next year's officers early in December. We need candidates for all offices -- please.

In 1984 "Bearing 315" will again be the newsletter of the Cascade O. C. It will be not as elaborate or slick as the fine, orienteering-culture magazine "Northwest Orienteer" but we (the Executive Board) feel that it will better meet the needs of C.O.C. members. I encourage everyone to voluntarily subscribe to N. O. -- I intend to.

Come on folks -- let us attend meets again.

Harvey Friedman

Class B Meet

St. Edward State Park

DECEMBER 26



Cascade
Orienteering
Club
P.O. Box 31375
Seattle, WA 98103

Challenge Cup

Mike Schuh

I would like to elaborate a bit on the 'Challenge Cup' that I am sponsoring. It is intended to promote orienteering within our region through interclub competition based on both club skill and club participation.

Club skill is measured by the club's best three orienteers on the men's most difficult course and on the women's course. A point system is used for this.

Twenty points are awarded to course winner's club. Thereafter, each orienteer earns for his/her club 22 points, less one point for each minute (or fraction thereof) they are behind the winner. I'll give a more analytical discussion below.

Each club also earns a point for each club member who completes a course as an individual - that is, alone and without any assistance (DNF, DQ, and the like are not counted). If an individual completes several courses, only one point is earned. Also, a group earns no points for any club, but its members may go out on another course later as individuals.

'Club member' means any regular club member (no on-the-spot honorary memberships) and for the points-by-skill part, a regular club member for the previous six months. The last requirement is an attempt to cut down on ringers.

Clubs and locations for events I have described earlier (Vol 1 No 1, page 12): basically USOF clubs in the states of Washington, Oregon, Idaho, and western Montana, and COF clubs in the provinces of Alberta and British Columbia. Yes, I'm also trying to promote the national federations.

One key thought in the cup, one included to make it a bit more fun, is that the cup's winner is obligated (should it wish to possess the cup) to host the next event. Hence the name: this club has it and challenges all the other clubs to try and take it away.


The point system I chose is based on several Norwegian systems that provide that country with a lot of lively competition. Because a club can consciously choose the courses that its members enter, a point system should reflect the best club, independent of how the orienteers are distributed amongst the classes. And by best I mean best in a competitive sense.

Consider a point system wherein points are given out to the top third in each course. In a course with twelve orienteers the winner would receive four points, next place three, etc. Simple (and admirable for that) and appealing because points are awarded in all classes, 'not just the elite'. But what happens if all of one club's members choose to run in the novice class?

Take the following hypothetical meet as an example: Club A (the best club, we'll say) brings nine members, as does club B, A's closest rival. Clubs C, D, and E each bring six. In the advanced course the results are: A 40min, B 41, E 42, A 43, B 44, D 45, A 46, B 47, C 48, E 49, D 50, C 51. remember, I said this was hypothetical. Intermediate: B, A, D, B, A, C, B, A, E, D, C, E. Novice: A, B, C, A, B, E, A, B, D, C, E, D. (Times do not matter on these classes)

Based on the points-by-thirds system, the standings would be: A 13, B 11, C 2, D 2, E 2. With the challenge cup scoring: A 68, B 57, E 35, D 31, C 27. All well and good. But suppose that club B, the crafty devils, decide to start all their members on the novice course, with all six that were 'shuffled' from the advanced and intermediate courses placing at the top of the results list. With all others keeping their same times and places, the new cup results would be: A 68, E 35, D 31, C 27, B 12. Fine, serves the B's right. But the point-by-thirds gives B 21, A 8, D 2, E 2, C 0. Clearly not such a good system. True, these numbers were fabricated but the ease in doing so should indicate that the points-by-thirds system does not adequately reflect a club's competitive abilities.

Please do not think that I am claiming the challenge cup system to be the perfect method of comparing two clubs' performance at an orienteering event. It is merely the best one I can think of now. Perhaps I'll hear of a better one later.



AVAILABLE FROM:

Ellensburg O Club
1006 N Water Street
Ellensburg, WA 98926
\$13 plus \$1 postage & packing

RESULTS

Lake Tradition 8-21-83

This was our first meet in this new area. Some areas have quite heavy undergrowth, but this might change with the season and years. Lake Tradition should prove to be a good area for orienteering. Many thanks to John Huth and the others who rushed to prepare the map in time.

White 1.9 km 6 controls

Valerie Tinsley	28:00
Glen Lagrou	37:23

Yellow 4.1 km 7 controls

Arnold Kay	COC	38:58
Ardia Dull	COC	39:18
Bruce Kelly	NO	107:08
Sandy Kish Miller	COC	119:58
Glen Lagrou		127:57
Valerie Tinsley	DNF	

Red 7.1 km 11 controls

Dave Enger	SOC	79:31
Robert Miller	COC	105:38
Mark Donovan	COC	106:50
Debbie Newell	COC	118:24
Anne York	COC	134:25
Harvey Friedman	COC	166:07
Jean Davis	COC	DNF
Glenn Englund	SOC	DNF
Tom Hardin	NO	DNF

REED PARK, Ellensburg, WA 9.13

The day was cool and windy. Three courses were set. The Elf-Chatters family ran the beginning course of 780m in 35:20. The intermediate course was 1200m. The Treder family and JoAnne Sperry tried the advanced course of 2250m. The course was set in two parts, for the first half, entrants copied a master map in the usual way and upon return to the start/finish area, they were given a master map which had only north-south lines and the locations of the controls marked on it. Entrants then had to copy enough detail from the master map to ensure finding the control. Dale Width was meet director.

SCOTT LAKE AREA

24-25 SEPT

This meet hosted by OSUOC was held in one of the most scenic parts of the Oregon Cascades, near McKenzie Pass. Indian Summer weather made this an especially enjoyable meet for those who attended.

The map of this area has great potential for future use by scouts as its coverage includes BSA Camp Melakwa. MAP: Scott Lake Area, 9/83; 1:15K, CI = 40 ft.

COURSESETTER: Jeff Lewis
ATTENDANCE: 15, 8

COURSES:

Saturday

Red (6.2 km + 900 ft climb, 12C)
John Shea (143:16)
Orange (4.7 km + 450ft climb, 11C)
Scott Linn (72:32); Neal Jaarsma (90:18); Eve Lonnquist & Lynn Baker (118:27); Tom Pettit, Hope Pettit, et al (144:00); Tom Wykes & Randy Pratt (Rec); Lap Tang (DNF)
Yellow (3.1 km + 150ft climb, 10C)
Bev Herbert (110:38)

Sunday

Red (5.9 km + 850ft climb, 12C)
Tom Wykes & Randy Pratt (Rec); Eve Lonnquist & Lynn Baker (DNF)
Orange (5.2 km + 700ft climb, 11C)
Lap Tang (DNF); Beverly Herbert (DNF)
Yellow (3.6 km + 450ft climb, 9C)
Laurie Inacy & John Dotson (148:00)

MARY'S PEAK

2 OCT

Foggy weather and damp vegetation made for cold, wet running. The fog did clear occasionally, however, yielding fair views of the Willamette Valley below.

The map was well-received in spite of its having no contours. The courses had to be designed to avoid topographic obstacles. More "planimetric" maps may be produced for other similar areas that have detailed vegetation but are without an accurate mapping of the topography.

MAP: Mary's Peak, 9/83; 1:10K, no contours.

COURSESETTER: Jeff Lewis
ATTENDANCE: 9

COURSES:

Orange (5.6 km, 14 controls)
Wayne Patterson (57:37); Eve Lonnquist (106:12); Lynn Baker (115:12)
Yellow (3.1 km, 12 controls)
Steven Harris (Rec)
White (1.8 km, 10 controls)
Martin Flisk, Carolyn Peterson, Curt Peterson, and J. Wilson (52:20); Beverly Herbert (62:16)

**ARNOLD ICE CAVE 15-16 OCT**

A small number of people came from Bend and the Willamette Valley to orienteer at this challenging site. Frosty mornings were followed by clear blue skies and temperatures in the 50's and 60's ... great weather for orienteering!

MAP: Arnold Ice Cave SE, 5/83; 1:15K
CI = 10 ft.

COURSESETTER: Jeff Lewis
ATTENDANCE: 7, 1

COURSES:
Saturday

Red (6.6km + 340 ft climb, 13G)
Pete Kehoe (79:48); Wayne Patterson (81:07); John Shea (114:31); Gary King & Jeff Groth (Rec)

Orange (5.2km + 220ft climb, 13G)
Eve Lonnquist (126:54)

Yellow (3.2km + 180ft climb, 12G)
Jeff Groth & Gary King (52:05);
Beverly Herbert (Rec)

Sunday

Orange (5.3km + 200ft climb, 12G)
Wayne Patterson (62:00) ...also collected 8 controls.

Yellow (3.2km + 180ft climb, 12G)
no entries

HAMLIN PARK, SEATTLE COC 10/23/83

Despite forecasts of rain, sunny weather greeted competitors on the novice, intermediate & advanced (point-to-point memory) courses designed & set by Harry & Lesley Morgan. Meet administration was handled by Ardis Dull, Brad Payne & Harvey Friedman.

NOVICE 1.4km 7 controls
Susan Aspinwall & Tim Berg 28:22
Neal Daskal 63:22

INTERMEDIATE 3.1km 11 controls
Bard Glenn 54:42
Sandy Kish Miller 57:17
Ardis Dull 67:48
William Maiden 74:33

ADVANCED (memory) 4.4km 13 controls
Chris Hawkins 55:19
Ingemar Jansson 66:10
Dale Width 80:56
Robert Miller 82:10
Brad Payne 133:13
Joe Hudson DNF

WONDERWOOD PARK 8.13.83

A Come-And-Try-It event at Wonderwood Park in Lacey introduced several people to the outdoor sport of orienteering. Participants included James Davis from Lynnwood, Jan Boyungs and from Olympia the Holder family of Sue, Dan, Curt and Keith. Pat Malloy and Gary McCausland organized the event for the Nisqually Orienteers.

RESULTS NOT RECEIVED FOR PUBLICATION

Tumac Mountain Long-D 9.10/11.83
Volunteer Park 9.24.83
Washington State Championship
Durr Road 10.8.83
Cle Elum Ridge 10.9.83
Evergreen State College Campus 10.15.83
Oak Creek 10.30.83

**MARYMORE PARK, Bellevue, WA 10.22.83**

Host: Sammamish OC
Course Setter: Dave Enger
Meet Administration: Glen Englund and Valerie Tinsley
Weather: Overcast and windy
Thanks to Mike Schuh for helping retrieve the control markers.

Course 1 1.9 Km 6 controls

No times recorded. Participant included Tom Wise with 2 boys, Ken Noll Family, Jim and Darlene Carlock, Blazer Troop #684 of 5 scouts.

Course 2 3.5 Km 8 controls

1) Roger Mertens CDC 33:04
2) Dorothy Moushegian NO 88:08
3) Tom Wise & 2 boys 186:08
- Valerie Tinsley (missed #6,58:48) DNF
- Sandy Kish-Miller (missed #2,61:35) DNF
- Blazer Troop #684 DNF

Course 3 5.6 Km 11 controls

1) Clayton Smith NO 41:48
2) Dale Width EOC 46:21
3) Mike Schuh COC 46:52
(untied and retrieved 5 markers)
4) Bill Maiden 78:08
- Robert Miller (missed #1,52:28) DNF
- Roger Mertens (lost map in marsh) DNF

FROM THE EDITOR.....

Dear Northwest Orienteer:

This is the last issue that members of Cascade Orienteering Club will receive as a result of a decision by their Executive Board. There are many reasons for this change, both public and not so public, but enough said. Looking back is for learning and looking forward is for action. This magazine will continue to be published as long as there are interested readers.

A year ago this magazine came about mostly as the result of the smaller clubs in the northwest desiring to pool their resources together to produce one larger newsletter. The benefits would be a larger more comprehensive newsletter at less cost to the clubs and a better exchange of information of interest to each other. Looking back over the past six issues, it appears that has been accomplished. However, it was not without problems, and in that respect I would like to thank everyone who has been involved with any part of the production of this magazine for their desire to work through the problems in the interest of moving northwest orienteering forward. Thank you for your time and effort, as we look forward to working together to produce another successful six issues in 1984.

Clayton Smith



Help promote orienteering and support the U.S. Orienteering Team by making a minimum contribution to the USOF Team Fund of \$5.00. All contributions are tax deductible. The red, white and blue self sticking decal is ideal for display on a car window or other glass surface. These decals are normally available only from US Team members, but Bruce Wolfe, BAOC has made a few available through NWOA. Send checks made out to USOF Team Fund for \$5.00 or more and receive your ORIENTEERING USA decal today. These decals will be available only this year, so buy one before the supply runs out.

NWOA
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Tacoma, WA 98401



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