

Possession of this map

HILLARY

COMPASS POINTS

SEPTEMBER 1993

PRINTER
Service Printers Ltd

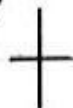
PLATE MAKER
Plate Making Service

LAND OWNERS
H Cotter
R Kennedy
S King
H J McDermott
M D McDonald
S Mathews
S J Palmer
D L Stewart

CARTOGRAPHY
Doug Matheson

FIELD WORK
Michael Wood
Alan & Kath Berry
Peter Hill
Stewart Hyslop
Doug Matheson

PHOTOGRAMMETRY
NZ Aerial Mapping Ltd



APRIL 1999

<i>President</i>	Geoff Morrison	(06)877 4870
<i>Secretary/Publicity</i>	Pamela Morrison	(06)877 4870
<i>Treasurer</i>	Alan Berry	(06)877 7223
<i>Committee-</i>		
<i>Fixtures</i>	Derek Morrison	(06)877 8261
<i>Mapping</i>	Ken Holst	(06)879 5046
<i>Equipment</i>	Richard Lynn	(06)843 4076
<i>Statistician</i>	Tim Jowett	(06)835 3765
<i>Newsletter</i>	Terry Russell	(06)873 4138

Page	Contents
2	President's Report
3	Committee News
4	Notice to Club Members
5	Eye in the sky
6	Junior Report
7	WMOC2000 Update
8	Class of '99
9	Countdown to 1999 QB 3-day
10	Letter from Asa
11	Orienteering - outside the club
12	Street Series
13	Anagrams
16	Te Mata report & results
18	Smedly OY, report & results
20	The Slump report
24	A Glossary of 'O' terms
26	Making the most of your muscles
27	Club Fixtures
28	Fixtures

Please forward newsletter contributions to: Terry Russell,

809 Matai Street, Hastings or e-mail:

tsruss@icarus.ihug.co.nz

All other correspondence to: The Secretary, Pamela Morrison,

27 Margaret Avenue, Havelock North or e-mail:

pamela.m@extra.co.nz

PRESIDENTS REPORT

With just 6 weeks left to our Queens Birthday event, things are beginning to fall into place. There is still a lot to do, with the new maps still to be completed, courses to be planned and printed and entries to be taken. As well as that, there is the gear to organise, safety plans to put in place, and programmes to print. With luck and good management, hopefully it will come together for a successful event. To date we have the princely total of 26 entries. Remember, we would like as many juniors as possible competing as we try to lift the "Blossom Trophy", which is up for grabs at this event. So, good representation from MW12 to 18 is vital, because Wellington, the defending champions will send a strong team.

The street series organised by Terry Russell was a lot of fun, and though not as well patronised as hoped, will be repeated again for sure. Thanks to the Russell family who spent a large amount of time renewing, making and OCADing maps for these events, as well as course setting.

It has been good to see great turnouts for the first two OY's for the year. What was impressive was the huge turnout on the orange and white courses at Smedley. This augers well for the future of the club.

Course-setters, remember the importance of sign-posting please. It seems a shame that so much time is put into an event, and then poorly signpost it. Many people don't know where our maps are and these are the people you put up signposts for. We have a lot of bright signs with adjustable arrows (remember to take a hammer and nails) and the big 400 metre warning ones to put on busy roads to warn of an upcoming turn-off.

Wasn't it great to see the back page of last weeks Sunday Star-Times sport section filled with Orienteering. It was a magic article on Antonia Wood, the sort of publicity the sport needs. 'Tone', who holds quite a few records in the Kaweka Challenge, deserves the recognition with the tremendous amount of work and sacrifice she's put in.

Congratulations to Bryn Davies on winning the Intermediate Boys Championship at the NZSS champs. Though a member of Red Kiwis, he is also a member of our club this year. We'll claim him as ours, which means that he takes over the trophy that Ross won last year. Unfortunately, due to travel problems, the 5 HGHS girls could not make it in the end, so ultimately, Bryn was our only representative.

Good luck for the next OY at Seafield Road, and Tim is waiting expectantly for those entries from YOU.

GM

COMMITTEE NEWS...COMMITTEE NEWS...COMMITTEE

Mapping

- A quote for photogrammetry of a northern extension to "Horseshoe Bend" has been requested.

Equipment

- A new supply of clipcards and some replacement control standards are being ordered.

Fixtures

- Enlarged maps (1:7,500) are generally required for white & yellow courses. This improves course legibility, especially when controls are close together.

Other

- The issue of the allocation of OY points to setters & veters, who are unable to attend the event they have organised, was raised recently. The committee consider that the points allocated to setters & veters (on the basis of "best of the rest") is done so because the setter & vetter are precluded from competing on the day because of their official functions. Setters & veters are therefore required to attend the OY (except in exceptional circumstances eg. a family bereavement) to receive their respective points. Course setters & veters will be advised of their event obligations at the beginning of the year. If they are unable to fulfil these obligations it is their responsibility to contact the Fixtures Officer so that alternative arrangements can be made.
- Geoff Morrison & Alan Berry are representing the club at the NZOF AGM at Flock House on April 24.



NEW MEMBERS

We welcome the following new members to the club. We look forward to seeing you at future events.

- * **Jamie Stewart**
- * **Bryn & Ngaire Davies**
- * **Paul Emmerson**

NOTICE TO ALL CLUB MEMBERS

Are you scheduled to set courses on any of the following maps - Tangoio, Seafield Road, Bluff Hill, Anderson Park, Hastings Streets, Te Awanga, Havelock Hills, Havelock North Streets, Te Mata Park, Rochfort or Pukeora Hill? If so, then this message is important for you.

These maps have all been drawn using OCAD (Orienteering map drawing software). At a recent committee meeting of this club the issue of management of the club's OCAD files and printed OCAD maps was discussed. As more of our maps are drawn using OCAD, this issue becomes more important.

Following is the suggested policy which the club has adopted to avoid future problems with OCAD files:

- David Fisher has agreed to be responsible for management of our OCAD files and printed versions.
- Once the drawing of a map using OCAD is completed, a copy of the map file must be given to DF, along with any printed versions held.
- File names should contain a version date and any printed maps should also have the version date recorded on them.
- Alterations to any map files must be done, or delegated, by DF. If this job is delegated, then a copy of the updated file must be given to DF. Remember to update the version date.
- Printing of all maps should be done, or delegated, by DF. He will be responsible for ensuring that only the latest version of the map is printed and that old paper versions of the map are destroyed if the map file is altered.

As you will appreciate, the OCAD files are a very valuable club asset. It is vital that they are strictly controlled, to maintain the integrity of the files and to ensure their safekeeping.

If you need maps printed, please contact David Fisher - phone (06) 844 8282.



EYE IN THE SKY

BY THE MAGPIE

- Watch out Red- mediums, Richard is into cross-training. He has gone out and bought himself a pair of roller-blades to launch himself around the streets of Maraenui. He thinks if he does it at night it might make him move a bit quicker!
- Rumour has it that our President was rap-jumping off the cliffs at Te Mata, without a parachute! By the state of him at the finish, it could all be true. 7 stitches inserted in his face was the result, along with bruises to his body and pride. Apparently Sharon stepped over him as he was dying at the bottom of the cliff in a mangled state, cursing him for being in her road. At least Jason was sympathetic when he returned to the caravan.
- Move aside Pete Sampras, here comes the mighty Max Kerrison. A member of the all-conquering M50+ (yes, true) Hawkes Bay tennis team at the National age-group champs. He must practice his over-head smashes on his apples. But the question on everybody's lips is 'can he beat his wife?'
- Tim headed off to the South Island recently, and couldn't stay away from orienteering. He checked out the NZSS event in Otago, and thought the conditions were so pleasant decided to have a run. It was snowing! He decided to run in all the clothes he stood up in.
- Richard (again) had a run-in with a spider. The spider won. The story goes a bit like this, spider bites Richard, big sore develops, Richard goes to Doctor who gives him anti-biotics, which don't work. Richard develops a major sore that is incredibly septic, but the matter won't come out, misses Smedley event 'cos he's laid up in agony, so back to the Doc, gets ointment, goes to Supermarket, sore explodes, uncomfortable, back to Doc, cleans it up and Richard survives.
- Watch out for someone with a Yankee accent. That's Craig, who took his family gallivanting around the good old USA for 3 weeks. McDonalds and Disneyland can certainly knock a hole in your pocket and I think he's a bit frightened to look at his bank-balance since he's got back.
- Can't understand it. Chris had a few problems trying to do the red medium course with red short control descriptions at The Slump. Must've been all those fermenting grapes he was eating all week.
- Stewart mused after his mauling at the hands of Brian W at the Slump, that perhaps he better swap places with him at the next night class. A case of the pupil taking the master to the cleaners. Don't worry Stewart, Brian only does it at Wellington OY's.

JUNIOR REPORT

Hope all you juniors are sharpening up your studs for the QB event.

We had a good turnout of new talent at the coaching session on Te Mata Park. 13 juniors and 8 adults took part in various exercises. Orange level had a compass, memory and line exercise. Most found a large degree of difficulty in each one. Things that I felt it proved were the need for all to improve our level of planning, and concentration. The compass exercise showed that it was is a tool that works best with care, otherwise it is a hindrance. Our biggest problem is our 'rough bearings' are too rough. The memory forced you into simplifying the map, making a plan, and implementing it. If you did this one well, you are well on the way of being a good orienteer. The line course practice was an exercise was to get us to concentrate on the map. Remember, the map is the key, so know where you are and know where you are going. The yellow also had a line course and the white had a map interpretation and course. We didn't have the clipping race because we ran out of time. Remember, if you had any problems and want to rectify them come and see me.

Unfortunately, due to travel problems, the HGHS Girls to miss the NZSS champs in Dunedin. They were looking forward to it, but them the breaks. We'll have to get a large compliment to the NISS in Auckland.

7 juniors enjoyed success at the Easter 4-day north of Auckland. Amber won 3 of the 4 days in W14, the other was won by Emma (doesn't leave much for anyone else!). Oliver completed 4 white courses on his own for the first time, Kate had a bee sting and Ross, James and Duncan all did very well.

I've been really impressed with the form shown by a lot of our juniors in the OY series, especially Jenny (red), Jason (orange), and Cara (white). Remember, the reason your performance improves, is because of the hot competition around you, that applies especially to the orange and white grades.

Good luck
GM

WMOC2000 UPDATE

With the World Masters Orienteering Champs fast approaching, 450 entries have now been received. At this point, there are twice as many Finns as there are New Zealanders. While locals may not have the same impetus to register in advance (since they don't have the same travel concerns), accommodation options will diminish steadily towards the millennium. Also, the next registration deadline is July 31st after which the fees go up, so there's a distinct advantage to early enrolment.

Among the notable entrants to date are:

Jorgen Martensson, the former World elite and former M35 Masters Champion.

Jonathon Musgrave (Scotland), winner of the M35 grade in Minneapolis.

Former Olympic Champion, Peter Snell and his wife Miki from USA.

Rick McGregor, past member of the PAPO (Christchurch) club who now resides in Sweden (IFK KIRUN Club) and will be returning home to compete in the M40 grade.

Janne Salmi, (World short course champion) does not qualify as a masters, but is entering the 3-day public race anyway.

Other orienteers have come out of the woodwork like Brian Stewart of Waikanae (M50) who has been orienteering for years. Although he is seldom seen at events these days, he has entered because he can't resist the opportunity.

The oldest competitors are two men who are entered in the M85 grade. The oldest woman is registered in the W80 grade. All of these people are from Finland, proving that neither distance, nor age, are impediments to entry.

The youngest entrants in the public event are Oliver Watson (age 7) of the Hawkes Bay Club and Emily Dinsdale (age 7) of Wellington. Since most families will want to be together at this historic time, it's nice to know that everyone can be involved. Those who don't want to run need not feel left out, as volunteers will be welcome at all events.

The Feilding Millennium Committee is organising a joint millennium celebration to include orienteers. The town is keen to support this event and wants to involve the community as much as possible. The committee is liaising with WMOC 2000 management to make this event a memorable one for everyone. Local primary schools are already emailing our overseas entrants with a welcome and supplying information about Feilding and New Zealand.

Training maps will be available from the beginning of June. These will be maps of similar terrain to WMOC 2000 maps and controls will be positioned for anyone wishing to train. Further details will be sent to clubs in due course and training camps on these maps will be encouraged.

Margaret Richardson

10th April 1999

CLASS OF '99

Our Clayton's Night Class is enjoying a holiday break, so I think this is time for a brief update. I'll write a full report after we have finished the course.

On the first evening we had a roll of five students when we needed ten to start a conventional night class. However, we were given a classroom to allow us a chance to increase our numbers.

We have had five evenings to date, with three more Tuesdays to go. Recommencing on the 20th April.

The setting is quite a novel, and relaxing way to learn about orienteering. It is rather like looking at your map on a Monday. The day after an event. Only this way there are others to share it with.

If you wish to try it then come along.

Stewart Hyslop.
Ph. 879 8078

FAIRPLAY IS

RESPECT

*for the opposition, the
officials and the rules of
the game*

STAYING COOL

*no matter what
happens*

DIGNITY

in winning and losing

KEEPING SPORT FUN

that's why we do it

*Good sport is all about
positive attitude!*

COUNTDOWN TO 1999 QB 3-DAY

There's now just over a month until June 5 - 7, which will see this club hosting three days of orienteering action. The 'Queen's Birthday' 3 Day, also couples as the 1999 Wellington Championships. All club members should have had their entry forms by now and should be seriously considering entering this event, as it's not every weekend that you get three days of quality orienteering at your doorstep.

Over the past few months and in the coming weeks a handful of club members will have been working away in the background making this event possible. For those members who haven't caught up with snippets in 'Committee News' of recent magazines, these are the people:

Event co-ordination Pamela Morrison

New map production

Rochfort	Brian Crawford Alan Berry Geoff Morrison Ken Holst Pamela Morrison
Te Awanga	Geoff Morrison Norris Cox Ken Holst Pamela Morrison

Course setting & controlling

Te Awanga	Geoff Morrison Alan Berry
Maraetotara	Derek Morrison Ken Holst
Rochfort	Brian Crawford Maurice Lloyd Max Kerrison

Entries Tim Jowett

Equipment Richard Lynn
Brian Wardle

Personnel Terry Russell

Emergency procedures Alan Berry

These events (together with the Kaweka Challenge) are the main sources of income for the club - they provide the funds for making new maps, allow us to keep our club map fees and subs. very low, provide subsidies for bus trips, AGM dinners etc. Therefore, as

everyone in the club benefits from these events, we would also like everyone to contribute towards the running of the event.

In the fortnight prior to the event, there will be various "working bees" held to bag maps, prepare registration packs etc and during the event there will be numerous jobs to be done to ensure things run smoothly. Club members who have entered the event will have their start times rescheduled, so that they are available to help during the day.

If you are available to help at any time or if you would like a particular job, please call Terry Russell (873 4138) and let him know. Otherwise, say "yes", when he calls you!

If you would like another entry form or have any questions, please call Pamela Morrison (877 4870).

REMEMBER REMEMBER REMEMBER ENTRIES CLOSE MAY 20.

Hi,

Haven't written for a while, and there's been a lot of things happening "up here".

The o-season has started, and next weekend it's time for Tiomila, a really big relay. I'm running the last course in our first women's team, and that one is about 8 km.

I'm gonna meet a few kiwis there (bringing me some mueslibars...). I actually caught up with Darren Ashmore a few weeks ago. He and his girlfriend will be staying in Sweden until the beginning of July.

I'm looking forward to O-ringen, as I've heard that there's a few kiwis coming. And Daniel is gonna be there as well (do you remember him? He was the Swiss exchangestudent staying in Wellington).

We've had some snow recently, which is really depressing. There's not supposed to be any snow in April! But luckily it's gone now.

I'm rather busy with school. I'm actually doing a piece of work in history about the Treaty of Waitangi, and that's really interesting.

And I'm working on my driver's licence, making some deserted and windy roads a bit insecure. And I'll be out in teh "real" traffic soon, driving around town.

Did I tell you I'm planning on coming back to NZ when I've finished school in June 2000?! I'll see what I'll end up doing. I'd like to work, but if I can't then I'll be studying. But I'm not gonna stay in Hawke's Bay. This time it's Christchurch I want to go to. But no doubt I'll go and see how the biggest fruitbowl in NZ is doing.

Well, that's about it for now.

ORIENTEERING - OUTSIDE THE CLUB

Over the last few months a number of club members have been involved in the organisation of orienteering events outside the club. It is important that this valuable contribution is acknowledged, as all these events are an excellent promotion of our sport.

November 1998	Zonta Group - Botanical Gardens - Geoff Morrison
November 1998	CHB College - Pukeora Hills - Caroline & Peter Watson
November 1998	Nelson Park Primary - Botanical Gardens - Doug Matheson
February 1999	Napier Church Group - Anderson Park - Tim Jowett
March 1999	Havelock North Brownies - Tainui Reserve - Robyn Berry
March 1999	Taradale Rotary - Havelock North - Maurice Lloyd
March 1999	HN Intermediate - School - Geoff Morrison



Autumn Mist Challenge



12 hour Rogaine - Saturday 22 May 1999
(plus 6 and 3 hour options)

Location:	South of Martinborough	
Contact:	Jim Alpe	06-306 9694
	Steve Lyttle	025-464 979
	Raymond Nicholson	06-379 5108
Website:	http://www.geocities.com/Colosseum/Track/8391/	
Email:	holdsworth-jumbo@xtra.co.nz	

Organised by: **Wairarapa Orienteering Club**

STREET SERIES

The street series was organised primarily to raise funds to assist junior members of the club travel to the New Zealand Secondary School Orienteering champs which were held in Dunedin this year during the April holidays. They were also meant to be a fun relaxed event and to provide an opportunity for training early in the season. It's surprising how much harder you'll push yourself with a little competition.

Judging by the animated social chit chat and at times quite detailed post mortem of the event, the fun side of it seemed to be well covered. Certainly the fitness side of it was well taken care of, especially the last two events. Running round the hills of Havelock Nth for an hour or so must be good for fitness. (Thanks a lot Ross) The same could be said for the Hastings event, but that was a slight error in my judgement, sorry. (I didn't take into account how slow you all were!!!!)

Frimley was the first one, thus had the most mistakes (one?). We were one control short but forgot to take it off the map and the council must have been in during the day and relocated one of the trees we were using. They didn't even have the courtesy to notify us. Still I think everyone had fun. Thanks to Jenny for setting this one, and thanks to Derek for control collection. A big thanks to Duncan for helping me pick up controls.

Anderson park was No 2, thanks to James Wood for setting this one. It was a really interesting course, it's not often old hand orienteers can't find a control in a local park!!! And don't worry I apologised to the council for 20 people traipsing through their garden. Also thank you to Matthew Wood and Karl Baker for all the work they did on the night, putting out and collecting the controls and manning the caravan.

Flaxmere was an event with its own intrinsic value, we lost five controls to the local vandals, including one I fixed on arrival and was smashed again while the event was on. Then there was a game of cricket on, which meant the slight relocation of a control. Thank- you to Jason for setting this one and Jenny for personing the caravan. Also thank-you to Peter Watson for picking up controls. I don't remember putting any near Ted Sapsford's old place!

Off to Havelock next and a Great event this was, well done Ross. A really neat white course here. Starting at the Morrisons was really helpful for logistics and special thanks goes to Val and Derek for making us feel most welcome. Thanks Derek for picking up controls, and going back for the last one. A big turnout here from the Rotary Club, I hope they all had fun and didn't get to lost. Thanks for bringing them along Maurice.

Last but not least Hastings West, special thanks here to myself oh and Jason for setting this one. This one was especially rewarding, you see I had a plan, and when a dripping wet and bleeding Derek appeared at the finish line I knew it had worked. I'd set the long course to try and get someone through the Windsor park stream. (The bleeding was not part of the plan)

All in all a fun series, I hope all that participated had an enjoyable time. It was not quite as well attended as hoped but as word gets around maybe more will attend the next series. We appreciated the effort put in by the Watsons travelling up from Waipukarau to take part. And

a big thank you to all others who helped out, Richard Lynn for caravan towing & duties, Tim Jowett official statistician, and Geoff and Pam for moral support and technical advice.

Unfortunately due to events outside our control we weren't able to send anyone to the Secondary School Champs. This despite a whole lot of work and effort by Geoff and I'd like to take this opportunity to thank Geoff for his diligence in this area. Please know Geoff your efforts are really appreciated.

Terry Russell

An Anagram, as you know, is a word or phrase made by transposing or rearranging the letters of another word or phrase. The following are exceptionally clever. Someone out there either has way to much time to waste or is deadly at Scrabble.

Dormitory = Dirty Room
Evangelist = Evil's Agent
Desperation = A Rope Ends It
The Morse Code = Here Come Dots
Slot Machines = Cash Lost in 'em
Animosity = Is No Amity
Mother-in-law = Woman Hitler
Snooze Alarms = Alas! No More Z's
Alec Guinness – Genuine Class
The Public Art Galleries = Large Picture Halls, I Bet
A Decimal Point = I'm A Dot In Place
The Earthquakes = That Queer Shake
Eleven Plus Two = Twelve Plus One
Contradiction = Accord not in it
Princess Diana = Ascend in Paris (Freaky, right)

This ones truly amazing:

“To be or not to be: That is the question, whether it is nobler in the mind to suffer the slings and arrows and arrows of outrageous fortune.”

And the Anagram:

“In one of the bard's best thought-of-tragedies, our insistent hero, Hamlet, queries on two fronts about how life turns rotten.”

And for the grand finale

“That's one small step for a man, one giant leap for mankind” - Neil Armstrong

The Anagram:

“Thin man ran, makes a large stride, left planet, pins flag on moon!”
- On to Mars!

RESULTS - STREET SERIES

HAVELOCK NORTH - MARCH 10

Long Course

Derek Morrison	52.27
Geoff Morrison	58.48
Terry Russell	65.28
Richard Lynn	65.45
Pamela Morrison	71.52

Short Course

Phil Costley & Neil Sargisson	50.45
Paul Emmerson	75.20
Amber Morrison	80.34
John Scott	83.00
Sharon Mardon	DNF

White Course

Jenny Russell	28.59
Thomas Scott	36.22
Duncan Morrison	36.22
Cara McDonald	36.42
Kate Morrison	37.24
Jake & Daniel Chapman-Olsen	38.04
Christopher McDonald	39.24
Scott McDonald	41.54
Rata Chapman-Olsen	43.41
Brendon Lloyd	54.34

HASTINGS EAST - MARCH 17

Long Course

Derek Morrison	51.59
Geoff Morrison	53.29
Pamela Morrison	74.03
Brian Crawford	100.37
Doug Matheson (in boots)	DNF

Short Course

Emma & Peter Watson	36.57
Sharon Mardon	62.26
Beavan King	86.38

White Course

Scott McDonald	20.37
Cara McDonald	21.05
Helen Watson	22.27
Daniel & Jake Chapman-Olsen	24.40
Chris McDonald	25.55
Duncan Morrison	29.04
Rata Chapman-Olsen	30.22
Oliver Watson	33.09
Kate Morrison	40.42



FINAL RESULTS OF 1999 STREET SERIES

Long Course	Frimley	Anderson	Flaxmere	Havelock	Hastings	Total
1 Derek Morrison	24.07	25.00	0.00	25.00	25.00	99.07
2 Geoff Morrison	23.31	22.51	23.81	22.44	24.30	93.93
3 Richard Lynn	20.52	23.76	25.00	20.07	0.00	89.35
4 Pamela Morrison	15.91	18.73	13.38	18.36	17.55	70.55
5 Peter Watson	25.00	0.00	22.02	0.00	0.00	47.02
6 Terry Russell		23.55	0.00	20.16	0.00	43.70
7 Doug Matherson		16.47	0.00	0.00	0.00	16.47
8 Brian Crawford					12.92	12.92

Short Course	Frimley	Anderson	Flaxmere	Havelock	Hastings	Total
1 Tim Jowell	25.00	21.95	25.00	0.00	0.00	71.95
2 Amber Morrison	20.75	19.09	0.00	15.75	0.00	55.59
3 Sharon Mardon			17.69	0.00	14.80	32.48
4 Emma Watson			5.00	0.00	25.00	30.00
5 Brian Crawford		25.00	0.00	0.00	0.00	25.00
6 Phil Costley and Neil Sargisson				25.00	0.00	25.00
7 Alan Berry		24.17	0.00	0.00	0.00	24.17
8 Kieran Scott	22.36	0.00	0.00	0.00	0.00	22.36
9 Jason Russell		20.34	0.00	0.00	0.00	20.34
10 Jenny Russell		20.09	0.00	0.00	0.00	20.09
11 Paul Emmerson				16.84	0.00	16.84
12 Ogier Family		16.62	0.00	0.00	0.00	16.62
13 John Scott				15.29	0.00	15.29
14 Affleck Family		14.87	0.00	0.00	0.00	14.87
15 James Watson			12.84	0.00	0.00	12.84
16 James Watson	12.46	0.00	0.00	0.00	0.00	12.46
17 Beavan King					10.66	10.66

White Course	Frimley	Anderson	Flaxmere	Havelock	Hastings	Total
1 Scott McDonald	21.69	0.00	20.42	21.70	25.00	88.81
2 Christopher Macdonal	25.00	0.00	19.47	23.08	19.89	87.43
3 Duncan Morrison	21.46	23.00		25.00	17.73	87.20
4 Kate Morrison	22.57	25.00		24.31	12.66	84.54
5 Cara MacDonald			25.00	24.77	24.45	74.22
6 Helen Watson	16.53	0.00	15.53	0.00	22.96	55.01
7 Oliver Watson	20.65	0.00	16.45	0.00	15.55	52.64
8 Jake and Daniel Chapman-Olsen				23.88	20.90	44.78
9 Rata Chapman-Olsen				20.81	16.97	37.79
10 Thomas Scott				25.00	0.00	25.00
11 Brendan Lloyd				16.66	0.00	16.66
12 Chapman-Olsen Family		9.26		0.00	0.00	9.26

Te Mata Map - 7 March 1999

Orienteering is always a challenge - contacting 8 land owners and finding the key to the gate (the key holder had gone on holiday for three weeks) were the first hurdles to cross.

Just my luck when Derek came to check the course it was raining just like last year - but as luck would have it we awoke to beautiful day - if not too hot! Ken will vouch for this.

All events were run in good times with only two mishaps - Geoff had a few problems negotiating the cliff to control 4 and slid down the hill and ended up covered in mud and blood, Pam took him to get stitches and Jenny Russell had to be carried home with a sprained ankle. I expect that they are both mended now.

Special thanks to the land owners, to Derek and Jim Taylor for all their help on the day and to Brian C and Tim Jowett for their help in collecting the controls.

Happy orienteering - good luck with the rest of this years events.

Brian Wardle



RESULTS - TE MATA - 7 MARCH, 1999

Setter: Brian Wardle

Vetter: Derek Morrison

Red Long (5.7km)

Richard Lynn	83.40
Chris Howell	98.15
Tim Jowett	99.08
Heather & Ian Dobson	129.10
Geoff Morrison	DNF

String

Ben J	5.17
Jacob	8.05
Cara McDonald	8.42
Scott McDonald	9.47
Chris McDonald	15.42
Tom Hill	18.25

Red Short (3.5km)

Pamela Morrison	47.17
Terry Russell	47.30
Ken Holst	48.22
Karl Baker	48.27
Matthew Wood	54.21
David Fisher	60.56
Doug Matheson	64.28
Jenny Russell	80.10
Brian Crawford	83.00
Paul Steeds	90.13
Sharon Mardon	95.22
Carla & Jacob van den Hout	DNF

Orange (3.4km)

Jason Russell	51.07
Amber Morrison	63.05
Faye McDonald	65.01

Yellow (3.0km)

Gemma Schumacher	56.12
Hana Schumacher	74.13
Bristow Family	74.55
Anne Sapsford	117.06
Max McEwan	DNF

White (2.9km)

Thomas Gillman*	45.22
Ben J*	48.24
Solfrid Gillman*	52.14
Christopher & Rob McDonald*	65.16
Cara McDonald	68.37
Rhian Hill	82.33
Kate Morrison	86.14
Duncan Morrison	89.05

* = accompanied

SMEDLEY OY 21st MARCH

A beautiful day, Smedley at its best and lots and lots of orienteers made this one of the best club events ever. With almost 80 people including some of our Red Kiwi friends, the job of running the caravan became rather hectic at times, but Pamela, Caroline and Doug managed not only to cope adequately but got their runs in as well. Caroline even managed a second placing in the Red Short after drawing the fence lines on all the White and Yellow maps.

The courses themselves were "varied and interesting". The Long and Medium Red had almost the same long leg across the bottom of the map that was used in the original Badge Event in June 84. On that occasion none of the competitors spotted the flat easy route south of the gorge but this time at least 3 of you did. The next control was on the edge of the fight which Peter assures me should now be white. That may be a matter of opinion, perhaps we should ask Alan who said he spent half an hour looking for the control.

The Orange course had 15 competitors, which is excellent. The Yellow and Orange courses had the interesting control of a junction of a man made object and a stream. There was lots of speculation as to what it was, someone suggesting a bridge. Bridges are covered in the control descriptions either as a foot bridge or as a road/track crossing with a stream. In the end it turned out to be a wrecked car in the stream bed which at one time had formed part of a bridge but most of the soil had been washed away. With hind sight we should not have used it as the black cross was not marked on the map.

We have run out of Smedley maps and as it is 16 years since it was mapped, the Committee would like to remap it before putting it on Ocad for the next millennium. So if you are a Red course competitor and would like to get into mapping, have a yarn to anyone on the Committee. It is quite fascinating on its own account and it also improves your orienteering as a bonus.

A special thank you to Mr Jeromson, manager of Smedley Station and to all those who helped out on the day, like fixing up the loo, stapling the time cards to the fence, bringing in the string courses and much more : also the control collectors - Derek, Doug, Caroline, Alan, Dave, Jeff, Robert, Emma and friends. Now who have I missed out? You? Sorry about that, a big thank you to you too!

Brian Crawford

RESULTS - SMEDLEY STATION - OY 1 - 21 MARCH, 1999

Setter: Peter Watson

Vetter: Brian Crawford

RK = Red Kiwis (Palmerston North)

Red Long (8.25km, 300m)

Geoff Morrison	66.51
Derek Morrison	71.46
Ross Morrison	76.40
James Anderson	118.31

Red Medium (5.0km, 200m)

Dave Persson (RK)	46.29
Max Kerrison	55.04
Terry Russell	65.04
Tom Fargher	66.50
Norris Cox	69.16
David Fisher	69.28
Ken Holst	70.50
Bryn Davies	72.44
Doug Matheson	76.27
Pamela Morrison	76.42
Heather & Ian Dobson	91.10
Shane Holst	97.06
Rob McDonald	97.32
Alan Berry	104.03
Ted & Fiona Sapsford	154.50

Red Short (2.5km, 100m)

Stewart Hyslop	34.00
Caroline Watson	35.11
Robert Gillman (2 nd course)	37.50
George Davies (RK)	38.03
Tim Jowett	38.28
Raewyn Persson (RK)	38.53
Jenny Russell	39.22
Brian Wardle	45.40
Sharon Mardon	46.12
Diane Lucas	52.25
Patricia Larsen (RK)	58.40
Robyn Davidson	60.52
John & Carla van den Hout	81.39
Anne Sapsford	115.27

Orange (2.5km, 125m)

Mikaela Harker	32.32
Faye McDonald	34.57
David Costigan	35.40
Emma Watson	36.05
Hanne Jepsen & Robert Gillman	38.13
Amber Morrison	43.17
Don Gordon	44.31
Jason Russell	44.47
James Watson	45.28
Jessica Fargher	45.36
Paul Steeds	57.57
Gemma Schumacher	60.37
Paul Emmerson	68.29
Max McEwan	73.26
Val Morrison	87.39

Yellow (3.0km, 125m)

Erica Hobbs	41.50
Hana Schumacher	44.48
Ogier Family	50.12
Stan Holland	54.22
Janet Johnson & Penny Dean	84.22

White (2.0km, 100m)

Scott McDonald	22.23
Thomas Gillman*	25.40
Cara McDonald	26.59
Sophie Fargher	27.23
Christopher McDonald*	27.50
Solfred Gillman*	30.04
Helen Watson	30.43
Barry Suckling	31.08
Kate Morrison	33.51
Thompson Family	36.07
Duncan Morrison	36.12
Sarah Berry	39.16
Caelum Persson* (RK)	42.49
Robyn & Katrina Berry	49.23

* = accompanied

String

Solfried Gillman	6.39
Matthew Ogier	6.49
Scott McDonald	7.44
Chris McDonald	11.52
Oliver Watson	13.20

THE SLUMP

Setter: Richard Lynn

Vetter: Dave Fisher

Where did the day go? I thought I would be rushed off my feet all day long. But thanks to all those helpers at the caravan, start and finish, I was able to wander about from 11am--1:30pm talking to runners and helpers. Everyone seemed happy with the courses although there was one persistent gripe. It seems I forgot to mow the lawns. I was going to do this on Saturday but due to the heavy rain I decided to stay in bed. Good fortune went our way because Dave and I had put the controls out on Friday, which was a great day. And our luck continued into Sunday with only the lightest of showers falling to cool the runners down.

Yes there was quite a few of you, just on one hundred competitors all up. All courses were well patronised except for Yellow which only had three runners. Our strength in Red Long came through, the first four all being Hawkes Bay runners and all within two minutes of each other. Red Medium was for the other clubs though with Ted van Gelderman having a six minute margin back to Grant Davidson in second place. Brian Wardle cleaned up the Red Short with nearly seven minutes to spare. And it was good to see Diane Lucas back out orienteering, wasn't it nice to have a cheering squad at the finish? Our Hawkes Bay Orange runners filled every finish place except first and Cara is certainly showing who's in charge on the White course.

Val your protest was seriously looked into. The vetter and protest committee after having visited the site of the offending dam and countless hours of deliberation have declined your protest.

Much thanks to Allen and Dave and all the control collectors. I am appreciating the old adage

A job shared is a job halved

THANKS EVERYONE.

From around the bend singing in the rain
the Tawrewa town cryer

HB ORIENTEERING CLUB**RESULTS - HB OY2/ WOA OY2 - "THE SLUMP" - SUNDAY, APRIL 11,1999**

Setter: Richard Lynn

Vetter: David Fisher

HB = Hawkes Bay, Wair = Wairarapa, HV = Hutt Valley, Wgtn = Wellington, KH = Kapiti Havoc, RK = Red Kiwis (Palmerston North)

	Club	WOA Grade	Time
RED LONG (7.6km, 360m)			
1. Peter Watson	HB	M21A	75.05
2. Mark Hudson	HB	M21A	76.05
3. Derek Morrison	HB	M21A	76.45
4. Geoff Morrison	HB	M21A	77.01
5. Dave Persson	RK	M21A	77.52
6. Bryan Teahan	Wair	M21A	87.50
7. Dominic Teahan	RK	M21A	88.37
8. Alan Horn	Wgtn	M21A	91.51
9. Ross Morrison	HB	M21A	93.44
10. Graham Teahan	RK	M21A	97.13
11. Steve Holden	Wgtn	M21A	98.23

RED MEDIUM (5.44km, 305m)

1. Ted van Geldernalsen	HV	M40A	52.05
2. Grant Davidson	Taupo	unoff	58.05
3. Laurens Manning		unoff	60.35
4. Bill Anderson	RK	M40A	60.59
5. Tim Edmonds	Wgtn	M18A	62.59
6. James Bradshaw	Wgtn	M18A	64.00
7. Jim Barr	Wair	M40A	67.15
8. Max Kerrison	HB	M40A	68.49
9. Liz Nicholson	Wair	W21A	70.33
10. Norris Cox	HB	M40A	73.05
11. Tony Paterson	RK	M40A	78.37
12. Chris Morris	Taupo	unoff	78.54
13. Doug Matheson	HB	M40A	84.24
14. Alan Berry	HB	M40A	84.32
15. Chris Howell	HB	unoff	87.00
16. Craig Tuohy	HB	unoff	94.41
17. Raewyn Persson	RK	W21A	95.20
18. Rob McDonald	HB	M40A	102.28
19. Pamela Morrison	HB	W21A	106.39
20. Lowell Manning	KH	M40A	112.53
21. Paul Anderson	RK	M18A	DNF

RED MEDIUM-SHORT (4.26km, 195m)

1. Bruce Henderson	HV	M50A	59.11
2. Raymond Nicholson	Wair	M21AS	62.18
3. Bryn Davies	RK	M21AS	64.27
4. David Edmonds	Wgtn	M50A	73.40
5. Athol Lonsdale	Taupo	unoff	73.45
6. Claire Paterson	RK	W18A	75.21

7. Margi Freemantle	HV	W40A	83.09
8. Kathleen Lonsdale	Taupo	unoff	86.25
9. Amy Holden	Wgtn	W18A	88.24
10. Ngaire Davies	RK	W40A	88.33
11. Colin Tait	Wair	M50A	92.34
12. Graham Roberts	Wair	M50A	92.55
13. David Sinclair	Wgtn	M21AS	100.49
14. Neil Anderson	RK	M21AS	108.34
15. Gary Holden	Wgtn	M50A	117.08

RED SHORT (2.65km, 155m)

1. Brian Wardle	HB	unoff	39.16
2. Barbara Barr	Wair	W50A	46.05
3. Caroline Watson	HB	W21AS	49.35
4. Robyn Davidson	RK/HB	W50A	54.29
5. Jenny Russell	HB	W21AS	59.03
6. Vera Manning	KH	W50A	59.37
7. Brian Crawford	HB	M60A	59.42
8. Sharon Mardon	HB	W50A	69.49
9. Stewart Hyslop	HB	M60A	79.57
10. Helen Sharpe	Wgtn	W21AS	82.17
11. Gina Eatson	Taupo	unoff	82.54
12. Patricia Larsen	RK	W50A	84.19
13. Diane Lucas	HB	W21AS	97.15
14. K Edmonds	Wgtn		DNF

ORANGE MEDIUM (4.125km, 130m)

1. Michael Wood	HV	M21B	65.31
2. Jason Russell	HB	M16A	68.37
3. Amber Morrison	HB	unoff	71.20
4. Faye McDonald	HB	unoff	74.35
5. James Watson	HB	M16A	78.28
6. Emma Watson	HB	unoff	85.45
7. Paul Steeds	HB	M21B	86.25
8. Max McEwan & Margot Young	HB	unoff	210.40
9. Val Morrison	HB	unoff	DNF
10. Hanne Jepsen & Robert Gillman	HB	unoff	DNF

ORANGE SHORT (3.0km, 80m)

1. Anthony Lander		unoff	63.17
2. Peter Haynes	Taupo	unoff	64.51
3. David Cronin	RK	unoff	75.48
4. Kate Andrews		unoff	119.22
5. Carla van den Hout		unoff	120.34
6. Logan Family		unoff	DNF

YELLOW (2.63km, 130m)

1. Michael Eatson	Taupo	unoff	57.32
2. Oliver Davidson	RK	M14A	71.50
3. Helen Watson	HB	W14A	DNF

WHITE (1.85km, 55m)*=**accompanied**

1. Cara McDonald	HB	W12A	30.29
2. Solfrid Gillman*	HB	W12A	34.15
3. Thomas Gillman*	HB	M12A	38.16
4. Kate Morrison	HB	W12A	40.34
5. Sebastian Nicholson*	Wair	M12A	45.31
6. Duncan Morrison	HB	M12A	47.29
7. Jennifer Eatson	Taupo	unoff	47.39
8. Daniel Edmonds	Wgtn	M12A	47.45
9. Lindsay Sigg	Taupo	unoff	47.48
10. Scott McDonald	HB	M12A	48.42
11. Paul Hannah & Hamish Logan		unoff	48.54
12. Rosalie Eatson	Taupo	unoff	53.24
13. Jack Edmonds	Wgtn	M12A	DNF
14. Oliver Watson	HB	M12A	DNF
15. Andrew Haynes	Taupo	unoff	DNF
16. John Haynes*	Taupo	unoff	DNF

STRING

1. Michael Eatson
2. Christopher McDonald
3. Duncan Morrison

A GLOSSARY OF ORIENTEERING TERMS

Discovered by Jill Dalton via a SAOC Newsletter, June 1982, via HOC newsletter. Copied by me from Rotorua's Newsletter.

PART 1 - GENERAL TERMS

CONTROL: - The only known form of living nylon. This animal is capable of moving to the wrong feature when no one is looking. It live symbiotically with knolls. Tracking these beasts is the object of the whole sport.

PUNCH: - Device for tearing your map case and pricking your thumb without doing anything visible to the map or control card. An appendage of the control.

CONTROL CARD: - A sheet of titanium disguised as paper. Impenetrable by punches and easily lost, leading to frustration and/or disqualification.

CONTROL DESCRIPTION: - Sheet of paper with meaningless symbols put on an inaccessible part of the map, which if lost or not consulted, frequently causes great consternation, but no other problems.

MAP CASE: - Slippery plastic bag which causes your thumb to slide around on the map, and once ripped by the punch, provides little protection against rain and water.

COMPASS: - Device for telling you where your watch is. Also attracted to staples in map case or local ore bodies.

MAP: - Pictorial representation of what the field worker thought the land looked like over a year before the event. Usually wrong by the time the event rolls around.

PART 2 - THE MAP LEGEND

Relief Features

DEPRESSION: An area with no job, no money and no happiness.

CONTOUR: A series of imaginary lines put on maps by Swedish trolls to confuse everyone.

KNOLL: Something like a troll, only it just sits there looking like a hill until the control it sets out as bait for, attracts its favourite food - orienteers.

RE-ENTRANT: This feature is a valley, I don't care what you have heard elsewhere. It has nothing to do with re-entering of entrances at all.

SADDLE: Leather device for riding horses, sometimes found where two spurs meet two re-entrants.

SPUR: Spike fitting attached to heel that acts as an incitement.

Vegetation

VEGETATION BOUNDARY: Amateur botanists may notice a difference from the one side of this line to the other, the rest of us can forget it.

VERY DISTINCT: Visible

DISTINCT: Almost visible.

SEMI-OPEN: Hardly open at all

SLOW RUNNING: Fight

EIGHT: Get out your machete.

Everything else:

LAKES, SWAMPS, MARSHES, STREAMS: Wet places with lots of mud.

PATH: Line of trampled leaves not due to other orienteers. Usually changed since the map was drawn.

INTERMITTENT: There when the map maker was there, no sign of since.

PART 3 - THE POST MORTEM

PARALLEL ERROR: Lost.

180 DEGREE ERROR: Lost.

UNSAFE ROUTE CHOICE: Getting lost.

OVER SHOT CONTROL: Lost.

OUT OF CONTACT WITH MAP: Really lost.

OFF THE MAP: Incredibly lost.

Williams and Kettle in porting project

By AMANDA WELLS

RURAL services company Williams and Kettle has chosen a United States company to salvage mission-critical applications from its legacy system and take steps toward Year 2000 compliance.

Williams and Kettle researched porting solutions over the Internet before selecting Ohio-based EasiRun USA, which also undertook Countrywide Bank's Y2K project in New Zealand last year.

Williams and Kettle software development manager David Fisher says the company found two developers capable of migrating their NCR Cobol system to Unix, with the other being Netherlands-based Europe Data Consult.

Hundreds of thousands of dollars had been invested in the Williams and Kettle's NCR proprietary legacy system, refining and customising Cobol applications.

Mr Fisher says the company needed a solution that maintained existing business applications while adding functionality.

EasiRun president David Roth says companies may wrongly believe an entire legacy system becomes redundant.

"Companies panic when support become costly, or parts become obsolete, and

tend to think they have to completely replace or re-write their entire system. That is not always the case."

He says EasiRun has essentially "modernised" Williams and Kettle's existing Cobol application and provided an open system platform that can support more software applications than the previous system could.

Williams and Kettle upgraded its proprietary system to an NCR 4300 that supports eight developers and 64 end users.

EasiRun ported its online batch systems and proprietary RMS files to FlexGen-RAD, a toolset that automates the Cobol coding process.

FlexGen has an integrated central repository, visual screen painter, visual report writer, batch and update program generator and high-level 4GL languages.

Mr Fisher says results of the seven month project have met expectations.

"Our end of the month processing has been reduced from 20 hours to five hours."

He says the Y2K compliance project is on target for completion by the middle of this year.

Williams and Kettle is listed on the New Zealand stock exchange and makes profit of approximately \$1 million on a \$78 million annual turnover.

Obviously after reading this article it becomes apparent that members of the club have not been showing **MR FISHER** the respect he is entitled. Many people refer to him as David or even worse Dave. From now on to the rest of us mere mortals it is **MR FISHER**, no more of this "Hey Dave where'd you get lost this time!"

Making the Most of Your Muscles

In this series of articles, Coaching Director Michael Wood discusses physical fitness for orienteering. It is aimed at the older person coming to orienteering from a low level of physical activity. Those with a recent history of active sport, including most teenagers, will have a different perspective

In this issue: Becoming a Runner

You need pretty good motivation to run regularly, but some people have it so strongly that they hate missing a day. Some people enjoy the fresh air. Some people want to lose weight. Some people run because of a desire to be competitive. Some people run because people they like also run. Why not?

I was turned on by taking part in the spectator races at the World Orienteering Championships in Australia. I saved up my leave and took about six weeks, orienteered on about 15 new maps, and watched the world's best orienteers in action. I was hooked, I couldn't be an elite but I could try to reach as high as I could. I came back home and started going for runs. Goodbye Team Tortoise!

A fellow club member gave me a "program" - run this long on Monday, so much on Tuesday, and so on. Pretty soon I had sore legs - shin splints. I had broken one of the rules, I had increased my exercise too quickly.

Be gradual. If you have been orienteering most Sundays, start off with one run a week for a while. Make it half the length of your orienteering times, because you probably don't run continuously at orienteering. Increase the time slowly. You don't want to miss orienteering through injury, do you?

There's another reason for being gradual. You don't want to get so fit that your navigation can't catch up! When you start running more, you'll find you see less of the map! Instead of being deadly accurate with your navigation, you'll make some terrible boobos. You'll have some good results, and some shockers! People will say, "what's got into you, you used to be so reliable!"

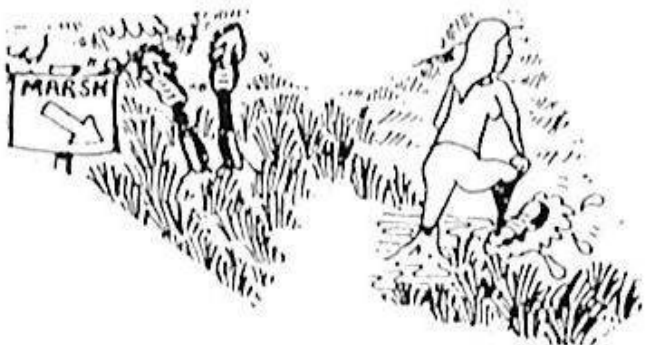
When your runs are as long as your orienteering times, cut back to half and start a second run each week. When these are going nicely, you can think about variations, hard weeks and easy weeks. We'll leave those to next time, and just look at some other requirements.

Where are you running and what are you wearing on your feet? Most people find it convenient to do their running on footpaths from their workplace or home. Footpaths are harder than those nice soft pine needles or puddocks we orienteer on! You need a shoe made for shock absorption. Visit a sports shoe shop, tell them how much running you are doing and get their advice.

What are you eating and drinking? Make sure there is plenty of carbohydrate in your diet, and several glasses of water each day. These are essential elements for energy production from your muscles.

Now is the time to start that diary. Just a notebook, record where you went and how long it took. And anything significant, such as "sore calves today". Interesting to look back on. Vital if you are going to ask anyone else to advise on your training. Don't forget to include the O events! At the front do a summary of the things that are regular, like "Walk to/from station, 20min/day, 5 days a week."

Don't worry about missing a run, if you're too busy, or the weather is rotten. If you find it's getting boring, make up a group and run together. Or pull back to your regular orienteering events. Remember, it's supposed to be fun!!!



CLUB FIXTURES

Date	Event	Map
1999		
25-Apr	Club/HB Schools Champs	Horseshoe Bend
9-May	Club OY3	Seafield Road
23-May	Club	Te Mata Park
5-Jun	QB 3- Day/WOA Champs Classic	Te Awanga
6-Jun	QB 3-Day/WOA Champs Short-O	Maraetotara
7-Jun	QB 3-Day Classic	Rochfort
20-Jun	Club	McNeil
4-Jul	Club OY4	Mangarara
25-Jul	Club Teams Event	Havelock Hills
1-Aug	RK Inter-club Challenge	Lake Vipan
8-Aug	Club	Bluff Hill
22-Aug	Club	Whirinaki
29-Aug	Club	Te Mata Park
12-Sep	Club OY5	Tangoio
26-Sep	Club	Pukeora
2-Oct	WOA Relays	Hydrabad
17-Oct	WOA Frank Smith Trophy	Riverside
31-Oct	Club OY6	Maraetotara
14-Nov	Club Champs	Rochfort
28-Nov	Club	Surprise!
4-Dec	6,12hour Rogaine	Central HB
7-Dec	Club AGM	

You can start anytime between 10.30am and 1.30pm at these events. The courses will close at 3.00pm, which means controls will be removed from this time. If still on your course, please return to the finish.

For further details regarding events see the "Happenings" column in the Hastings Leader or Napier Courier on the Thursday prior to events, or the "Weekend Sports Draws" page in HB Today (currently HB Herald-Tribune and Napier Telegraph) on the Wednesday prior to events.

APOC 2000 - QUEENSLAND, AUSTRALIA

A group of club members are considering travelling to this event. It is being held from Friday, June 30 to Sunday, July 9, 2000 and incorporates eight orienteering events, which includes the APOC Championships and Australian Championships.

Entry forms will be available shortly. If you would be interested in participating in some group travel arrangements please contact Richard Lynn or Pamela Morrison.

FIXTURES LIST

Date	Event	Map	Club
1999			
25-Apr	HB Schools Champs & Club	Horseshoe Bend	
9-May	Club OY3	Seafield Road	
15/16 May	CDOY 3&4	Piopio	Hamilton/Egmont
16-May	WAOY3	Taueru	Wairarapa
22-May	Autumn Mist Challenge Rogaine		Wairarapa
23-May	Club	Te Mata Park	
5-Jun	WOA	Te Awanga	
6-Jun	WOA	Maraetotara	
7-Jun	WOA	Rochfort Road	
13-Jun	WAOY4	Mill Creek	Wellington
13-Jun	CDOY5		Pinelands
20-Jun	Club	McNeil	
27-Jun	WAOY5	Wanganui	Red Kiwis
4-Jul	Club OY4	Mangarara	
9/10 Jul	NI Sec School Champs	Turkey Ridge (Woodhill)	Auckland
11-Jul	RK Club	Whirokino	Red Kiwis
18-Jul	Winter Classic		Wairarapa
25-Jul	Club	Havelock Hills	
1-Aug	RK Club	Lake Vipan	Red Kiwis
8-Aug	Club	Bluff Hill	
22-Aug	Club	Whirinaki	
29-Aug	Club	Te Mata Park	
5-Sep	Taupo Club	Opepe West	Taupo
12-Sep	HBOY5	Tangoio	
19-Sep	WAOY6	Gordon Kear	Red Kiwis
19-Sep	CDOY6		Hamilton
26-Sep	Club	Pukeora	
26-Sep	Auckland Champs		Counties-Manukau
2-Oct	WOA Relays	Hydrabad	Kapiti Havoc
3-Oct	WAOY7	Kaikokopu	Wellington
10-Oct	CD Champs		Taupo
17-Oct	WOA Frank Smith Trophy	Riverside	Wairarapa
23/24/25 Oct	NZ Champs		North-West (Auck)
31-Oct	Club OY6	Maraetotara	
14-Nov	Club Champs	Rochfort Road	
28-Nov	Club	Surprise!	
4-Dec	6, 12hour	Central HB	
5-Dec	RK Club	Otawhao	Red Kiwis
11/12 Dec	2 Day Event	Wanda/Watchtower	Hutt Valley
19-Dec	RK Club	Pukepuke	Red Kiwis
28-Dec	WMOC Warm-up		Auckland
29-Dec	WMOC Warm-up		Taupo
2000			
1-Jan	Millennium event		Feilding
2-Jan	Public Race WMOC		Manawatu
3-Jan	Model Event & Opening WMOC		Manawatu
4-Jan	WMOC Qualifying#1		Manawatu
5-Jan	WMOC Qualifying#2		Manawatu
7-Jan	WMOC Finals A,B&C		Manawatu

p does not give right of entry.

COMMISSION



Foot bridge	
Pond	
Stream	
Seasonal watercourse	
Impassable marsh	
Marsh	
Water trough	
Distinct tree	
Open land	
Open with scattered trees	
Forest	
Slow running	
Fight	
Out of bounds	

LEGEND

Contours	
Form line	
Depressions	
Earth bank	
Earth wall	
Pit	
Knolls	
Rock pillars/cliffs	
Passable rock face	
Rocky pit	
Cave, trig point	
Boulder, > 1.5 m	
Large boulder	
Boulder cluster	
Boulder field	
Stony ground	
Minor road	
Road	
Vehicle track	
Indistinct track	
Fence (not all shown)	
Stock yard	
Building	
Ruin	
Water tank	
Power line	

