A black and white topographic map with contour lines. The map shows a shaded area at the bottom, possibly representing a body of water or a specific terrain feature. A north arrow is visible at the bottom center. The title 'COMPASS POINTS' is overlaid in large, bold, black letters.

COMPASS POINTS

OCTOBER 1998

<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>Social events</i>	Brian Wardle	(06)877 6660

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Please send any correspondence to: The Secretary, 27 Margaret Avenue, Havelock North or e-mail: pamela.m@extra.co.nz

PRESIDENTS REPORT

With just four events left for the year on our calendar, it is the time for planning for next year. This includes the fixtures list, and as we've got quite an extensive programme, it gives a lot of newcomers a chance of trying their hand at course-setting. This is a good way of improving your orienteering skills, and don't worry, you will have guidance from one of our more experienced members. If a certain time of the year suits you, get in quickly and tell the fixtures officer. Take it as read that we all are going to be doing the job at one time during the year and he's not going to run round asking everyone, he'll just presume that anytime will suit if he doesn't hear from you!

Speaking of course-setting, remember to check the colour descriptions after you've plotted your courses, especially the white and yellow. One control not fitting the guidelines can turn a good course into a bad one. Another point to remember is control placement. If you are unsure of how close you can put a control to a cliff or earthbank, etc, a good test is to see if you can walk around it. Yet another point to remember is that when it is your turn to plan courses, give yourself plenty of time. Good courses are like a good wine, they take time to mature. It is all a matter of preparing a lot of posers, and traps.

Remember, the AGM is coming up in December, and if you want to join a vibrant committee let us know. We always seem to have lots on the agenda, and the supper afterward is always looked forward to.

A trio of our elite headed to China for APOC, and pinched some gold from under their noses. Peter Watson in both the classic and short-o (to go with his national titles) in M40, and Maurice Lloyd in the M45 classic. Dave Fisher ran 12th in the M40. The Hawkes Bay team ran 4th in the relays.

An excellent club turnout ensured we won the Frank Smith Trophy at Seafield Road, and 6 teams headed to Titahi Bay for the WOA relays where we came second. Thanks to everyone who took part in these events. Our next club team event is the Katoa Po in Taupo in February.

Don't forget our club champs coming up on the 15th of November at Maraetotara, where there is an opportunity to gain revenge on your rivals. There are grades for everyone who are members of the club, so mark it on your calendar and be there. Don't be overawed.

GM

EYE IN THE SKY

BY THE MAGPIE

- Course-setters should set the standard when it comes to orienteering events, but it certainly goes beyond a joke when the one at The Junction turned up wearing pink shoes!!
- Ann Marie Chapman-Olsen and kids, and David Smith turned up a bit late at The Slump and ended up doing a course as it was bucketing down.
- Kate Morrison was wondering why little brother Duncan was calling out when he was 50 metres behind her in the WOA relays. He was concerned that she mightn't have seen the golf-course she was running beside. Is he learning gamesmanship at an early age? The fact that he led her home by 5 minutes seems to confirm that he is.
- The change of venue from Tangoio to The Slump caused a few problems. Stewart Hyslop and the Beamishs found themselves having a bit of a tiki-tour. Stewart made the event but the others didn't. Any change of venue will be advertised and included in our updated fixtures list in this magazine.
- It takes a dedicated orienteer to get off the plane from China, and then drive straight down to the WOA champs to compete in the last two days. Gutsy effort Pete.
- No names mentioned here, but a faux pas by a prominent M60 in the WOA Relays when he picked up his map and went the wrong way. He would've had quite a good run if it hadn't have taken 3 minutes to get past the start triangle.
- Is it the beginning of the end? Ross defeated Derek in the Auckland short-O champs last weekend. It wasn't that bad, Ross also beat the M40's, W21E's, M18's and the rest of the M45's. Who's next Derek, Amber?
- Helen wasn't going to run at The Junction, but after watching people come and go decided to do so. Not bothering to draw the course on her map, she raced around in the fastest time! Amazing what an incentive of an iceblock does to you. All the more meritorious when it was later found that she had a cracked bone in her foot.
- There was panic at Tangoio when the setter and vetter returned to their car after checking a control site. No car keys! A plan was made to retrace their route back to the control in a vain hope of seeing them again. They didn't have to go far, for Norris wandered around to the passenger door, and there they were, safely sticking out of the door lock. Nice one Brian.

COMMITTEE NEWS...COMMITTEE NEWS...COMMITTEE NEWS.

Mapping

- Rochfort Road fieldwork is 70% completed.
- Tenders are being sought for the fieldwork of a portion of Te Awanga so that the area can be used for next years 3 Day at QB weekend.

Fixtures

- Ted Sapsford is keen to organise a rogaine at Smedley in December next year.
- Pamela Morrison will co-ordinate the QB 3 Day. Other personnel who have offered to assist with organisation are Richard Lynn & Brian Wardle (equipment) and Tim Jowett (entries). Event will comprise a classic, short-o and classic. Controllers are Ken Holst, Max Kerrison and Alan Berry. Course setters are Geoff Morrison, Derek Morrison and Brian Crawford.

Equipment

- Violet pens should be made available on the map marking tables (course setters please note) as some people find this colour easier to read.
- Richard Lynn has obtained some new tables (see following notes).
- HTL have donated a cabin hook for our new noticeboard.

Other

- We have written to WOA with some suggestions for the Frank Smith Trophy competition (change scoring system and only count top 20 scorers from each club).
- NZOF 1999 AGM is being held at Flock House on 24 April. A series of workshops will also be hosted by the NZOF - suggestions are being sought.
- MISSING LIBRARY BOOK - has anyone seen the Club library book - "Orienteering Gives You More"? It seems to have gone walkabout. If sighted, please return to Kath Berry.
- It's that time of the year again, with the club AGM scheduled for December 8. Please forward nominations for President, Secretary, Treasurer and committee members to the secretary prior to this date.
- The final committee meeting for the year is on November 17 when the following awards will be decided - life memberships, services to the club, most meritorious performance (man, woman and junior). Please forward nominations to the secretary prior to this date.

NZOF TECHNICAL COMMITTEE

Due to the resignation of Chrissie Williams from the Technical Committee another person is sought.

This person should be experienced in most aspects of orienteering and should either be a certified controller or about to become so. Access to email or a fax would be a great advantage.

Please reply with details and dates of experience in competition, controlling, planning, organising, mapping etc by 30 November to:

Bruce Collins

Convenor NZOF Technical Committee

email bruce.collins@clear.net.nz, 47 Stewart St, Waikouaiti, Otago, ph/fax 03 4658255

NZOF RULES REVISION

The NZOF Technical Committee are currently completely revising the NZOF Rules. A draft of this revision will be available for public comment by 30 November. Any person wishing to take part in this revision process should contact the undersigned (an email address would be a good way of keeping costs down).

Comments on this draft close on 15 January and it is intended that the new rules be printed by 15 February so that they can be formally adopted at the AGM on 24 April.

Bruce Collins

Convenor NZOF Technical Committee

email bruce.collins@clear.net.nz, 47 Stewart St, Waikouaiti, Otago, ph/fax 03 4658255

CLUB E-MAIL LIST - *update your address book now!*

BERRY, Alan & Kath	<i>alan.berry@xtra.co.nz</i>
BERRY, Ross & Robyn	<i>rmb@clear.net.nz</i>
FARGHER Family	<i>TSJS.Fargher@xtra.co.nz</i>
FISHER, David	<i>dmfisher@clear.net.nz</i>
FISHER, Mac & Ngaire	<i>macfisher@clear.net.nz</i>
HOLST, Ken & Kay	<i>kaycee.holst@xtra.co.nz</i>
JOWETT, Tim	<i>tim.jowett@clear.net.nz</i>
KERRISON, Max	<i>kerrison@inhb.co.nz</i>
LLOYD Family	<i>mwlloyd@xtra.co.nz</i>
MORRISON, Geoff & Pamela	<i>pamela.m@xtra.co.nz</i>
PERRY, Bruce	<i>rose.maree@xtra.co.nz</i>
RUSSELL Family	<i>tsruss@icarus.ihug.co.nz</i>
WATSON Family	<i>prwatson@xtra.co.nz</i>

If you would like your name added to the list please contact Pamela Morrison (and be part of the Sunday night results service!).

Junior Coaching

A portion of our new Havelock Hills map was used for our coaching day on 27th September. We used the Tainui Reserve and Sands Reserve blown up to 1:5000 in black and white. There was a mixture of young inexperienced white orienteers and orange. The white did a bit of map interpretation, and the orange discussed traffic lighting. Everyone then put what they learnt into practice by doing a course. There was a good turnout of 16.

11 juniors have been invited by the club to take part in the junior training camp in New Plymouth in December. They are Jason and Jenny Russell, Jessica Fargher, Matthew Wood, Ross Morrison, David Costigan, Karl Baker, Melissa Mikaere, Mikaela Harker, Anthony Lloyd and Gemma Lucas. Hopefully a good proportion will go, as these camps are a lot of fun, and they get to learn a lot about orienteering as well as making good friends from other areas.

A number of juniors have been taking part in the current round of regional championships with plenty of success. They have been Ross, Amber, Kate, Duncan, Emma, Helen, James, David, and Jenny.

The Hawkes Bay teams for the WOA relays were dominated by our juniors. The star turns of the day were Helen Watson and Amber Morrison who had great runs.

GM

Coaching Seminar at Flock House

I was lucky enough to be able to attend an NZOF coaching conference at Flock House on the 22/23 October. The emphasis was very much on rewriting the coaching plan, as NZOF Coaching Director Michael Wood is resigning the position at the end of the year.

Along with Michael, there was an impressive quality about those who attended. Jean Cory-Wright (National team coach), Andy Clayton (NZOF Secretary), Roz Clayton (SI Coord), Robyn Davidson (Prim Sch Coord), Ray Pratt (SI Vets Coord), Annie Sanderson (CD Coord) and me.

Over the day and a half, we discussed coaching profile, elites, development squad, secondary schools, primary schools, other educational institutions, women, older athletes, clubs, resources and organisation. Enough to wear anyone out!

Being surrounded by positive people made it an enjoyable conference to attend.

GM

NZ O Squad

O Techniques

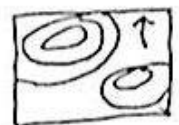
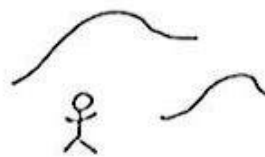
(This is from Jean Cory-Wright - Coach)

This is a list of the O techniques that we practised or talked about at the Ahuroa weekend. You should all be able to use most of these techniques. Even if they are not something that you use in your normal orienteering, it is good to master them as a back up. I suggest that you try and deliberately practise one or two of them each small event that you do.

I have tried to go right back to basics and put the list in a vague order getting progressively more difficult. Please feel free to add any of your own and let me know what they are!

1. Map setting or orientation.

- a must for everyone
- use compass and features
- map and compass in same hand recommended



2. Map Folding.

- devise a system that compliments the way you hold the map and compass
- it needs to be flexible to allow for long legs and courses



3. Thumb on map

- Some means of keeping your location in view on map...compass edge, thumb etc



4. System

- something you do for every leg, eg
C ontrol A ttrack point R oute E xit



5. Relating map to ground

- Do this as often as you can without wasting time
- Beware of relating parallel features



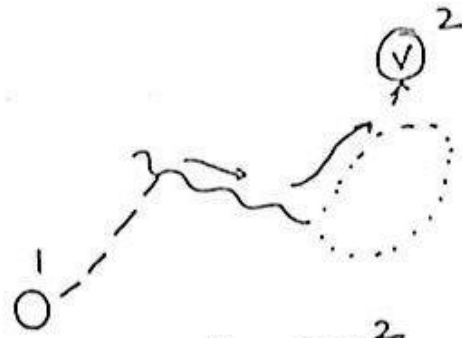
6. Observation

- Relates to above
- Look all around you as often as possible
- Vegetation boundaries often made more visible by looking up (very relevant in European broadleaf forest)



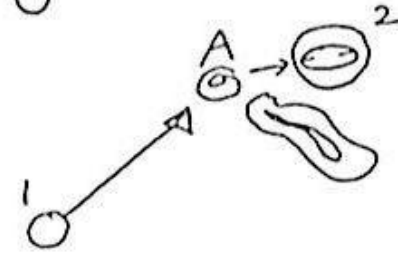
7. Handrails

- easy line features to lead you on your route
- can be lines eg track or points linked together



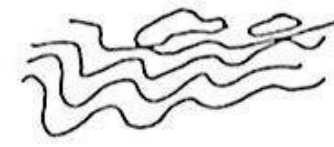
8. Attack points

- large or obvious features near control
- use as preview to finding control



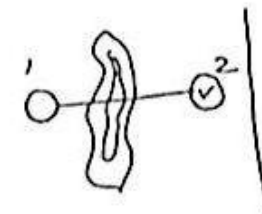
9. Contour Interpretation

- understand contours
- realise that they are a picture of ground, not measured
- mappers may draw them slightly differently to how you see them
- know what 2.5, 5 and 10m contours look like



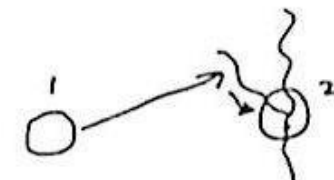
10. Collecting Features

- obvious features to go hard for on the route
- features beyond the control to "bounce back" off.



11. Aiming off

- aiming deliberately to one side of a feature to know which way to turn when you hit it.



12. Linking points together

- form "leading lines" to guide you on your route



13. Simplification

- Break a route down to key points
- not so essential as you have the map with you, useful for planning ahead



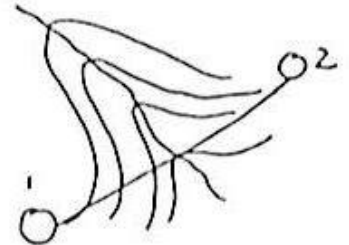
14. Magnification

- Magnify control circle in your mind
- Magnifiers on compasses are not just for crumblyies!



15. Route choice

- practise this in armchair or running training settings
- rule of thumb: going across the line between controls twice means long route
- going more than half the leg distance to the side of the line is only faster if more direct route is big hill or fight



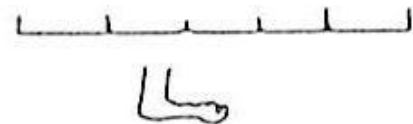
16. Compass bearings

- rough bearings used by most
- useful for detailed areas for accuracy
- useful for exit out of control or entry from attack point



17. Distance judgement

- you should know what 100m, 50m feels like to run in different terrain and on a track
- pacing has its value if you practise it
- recommend pace in blocks of 100m and adjust as you go if you use it.



18. Visualising circle

- try to have a picture of the control circle in your head



19. Relocation

- ability to pick up where your are when lost
- always try to use more than one feature and keep eye on compass
- work out which way to run and what to look for if you can't relocate on the spot
- sometimes quicker to run faster to something obvious than fiddle around trying to make detail fit.



20. Running blind

- go hard knowing direction and distance to hit a big feature
- good for long legs as it reduces need for detailed map reading
- requires confidence in relocation skills

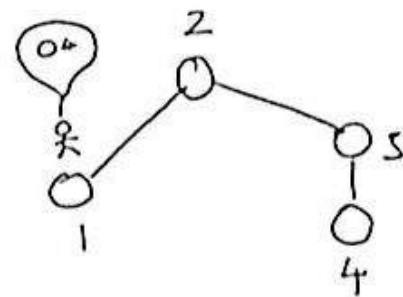


21. Retrospective navigation

- running in right direction and distance and picking things up as you go
- worth doing in certain terrain types
- works well if you have a back up plan too

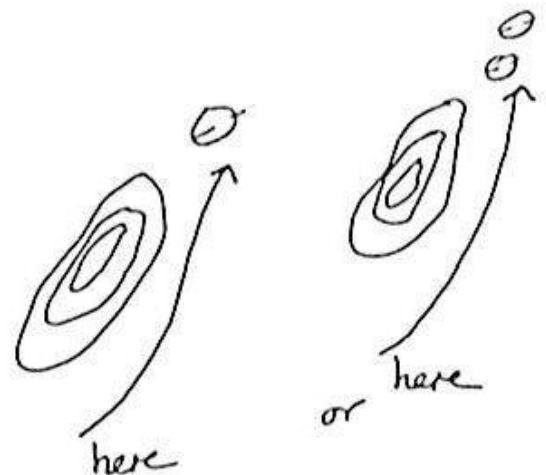
22. Planning ahead

- do while on easy legs
- look at route choice legs early
- always plan at least your next control



23. Back up plans

- this is a technique you should think about when the others have been practised! It involves you in actually orienteering by intuition (which many people do anyway) but you have a "technical back up" going on in your head. eg you are just running along a ridge looking for a double spur on the left, but in your head you know the direction of the ridge and spur, how far along it should be, what you will see if you go too far, what you might see before the spur and which ridge you might be on if you don't see the spur and have made a parallel error! GOOD LUCK!



Are You Getting the Most from your Map?

In the fourth of this series, Michael Wood discusses some of the symbols on the orienteering map. As Coaching Director and a mapmaker, Michael's advice will help you use the information which is there. He suggests you get out a few of your old maps to refer to when you are reading this.

In this issue: Water Features

Water is one of the easier things to spot on your map - the blue colour is just what you would expect, and the features are usually big or at least linear. But as we saw with roads and tracks, there are a lot of different variations. Read these definitions, and carry on for some useful hints and tips.

Lakes and Ponds: Fairly self-explanatory, aren't they? By the way, I once had a route choice which included crossing a narrow bit of lake. I put my map in my teeth and swam across on my back! Seriously though, this is quite unfair, swimming is NOT an orienteering skill!

Rivers: Ones over 5m wide are shown to scale. But read this: black bank lines are used to show whether it is impassable. Respect those: as with unclimbable cliffs, you shouldn't try to cross them, we're looking for the best orienteer, not the craziest risk-taker!

You can get narrow "rivers" which are difficult to cross, e.g. deep drainage ditches in swampy farmland. These would have a thin blue line but more importantly the black no-go lines on either side.

River levels tend to go up and down with the weather, perhaps more so in New Zealand than in other countries. This is mostly a problem for the course planner, not for you. The planner either has to second-guess the weather on the day OR not use legs that are weather-dependant. Remember this when you are criticising the course setting: there are so many restrictions that we just don't know about!

Streams (called Crossable Watercourse in the book): They come in thick blue lines or thin blue lines according to the width (2-5m, or under 2m). They have to be clearly visible on the ground, i.e. a child could follow them easily. The width, and the distinctness, can often help you decide just WHICH stream you have arrived at!

Other Things that Sometimes Look Like Streams: There are two blue symbols, the book calls them "Minor Water Channel" (contains water only intermittently, dashed blue line) and "Narrow Marsh" (row of blue dots). My rule of thumb as a mapper is, can I see running water? If so, it's a stream with a solid blue line. If there's a channel but no running water I use the dashed blue line. If there's no clear channel but I get my feet wet crossing, I use the blue dots.

There are also a couple of related brown symbols: the Erosion Gullies. The large one is a fat brown line with pointed ends, the small one is a row of brown dots. They are used where erosion has gouged out a channel, there are steep banks on either side, but they are too small to be shown with bank symbols or contours. There's no sign of any recent water, otherwise they would be shown in blue.

Note that mapping is usually carried out in reasonable weather.

You should recognise that long wet periods can make intermittent streams start to flow. Likewise, long dry periods can cause normally flowing streams, and ponds, to dry up. Often, the organisers will point this out, too.

Marshes. Blue stripes going east-west are used for all marshes which are wide enough. If there's a black line around it, beware! This is uncrossable. Crossable marshes either have solid blue stripes (marshes with distinct edges) or dashed blue stripes to indicate a vague edge.

You can often spot marshes by the vegetation they have in them, e.g. rushes, but not every patch of rushes is a marsh! On some maps, such as the slumpy terrain in Otago, there are too many patches of rushes and only the really squishy ones are shown.

Point Symbols: We've only got a couple. A blue V is a "Water Hole", a very small pond or a pit filled with water. And a blue circle is a "Well", more often used in New Zealand for a water trough for animals on farms. You might think a water tank should be blue, but from the outside, how can you tell whether it has got water, or anything else, in it? A NZ mapping conference decided that a tank is a very small building, although this is such a surprising interpretation it has been largely ignored: so you'll have to look at the legend.

Using Blue Features

Streams are line features, and you can use them to simplify your route. But they are trickier to use than man-made line features such as tracks or fences. They divide, and they divide again, like the branches of a tree. This means that when you are following UPSTREAM you have to be very careful to take the right, no I'll rephrase that, the CORRECT branch. Following downstream is much safer.

Also look for any sign of green along the streams. Often the moisture encourages growth of thicker vegetation in the stream bottom which prevents you keeping in touch with the stream itself. Sometimes it can even cause you to miss a vital junction!

There's another hazard when you are crossing the general direction of the streams, perhaps counting them off. If you cross below a junction, you'll count a single stream, if you cross above you'll count two. Beware, look for a backup feature as well in this situation.

Often the best use of the blue is to indicate what is "up" and what is "down" on the map. The blue is invariably "down", in other words a valley or reentrant. You can then count off the bends in the contours till you get to the place you are interested in: "valley, spur, valley, spur, valley...aha". Mappers of the wiggly valleys in the volcanic ash soils around Taupo have often used dashed blue lines where they are not strictly called for, just to help you with the ups and downs.

Which brings us to contours, but that's another issue.

Whirinaki Teams Event

When asked to do the courses for this event at the beginning of the year, September seemed a long way away - it was surprising how quickly it rolled around.

Pam came up with a new format for the relays and did the hard work of allotting everyone a course most suitable for their abilities. The idea was to have all course with a winning time of about 30 minutes and each of three team members running a different course. The idea worked brilliantly with some teams only finishing a minute or two between each member. It was also hoped that this format would give all teams an opportunity to do well and as the results show this was achieved.

Choosing course lengths and control sites for the three red courses and the orange course was not a problem, there were plenty of previous events to base them on, but the yellow and white courses were a different story. The Whirinaki map has not got fences marked on it and the track system didn't give enough options so Pam suggested that as we were starting on the western end of the map that was also part of the Tangoio map, which does have fences, that we use that map for the yellow and white courses.

We made an early start on Saturday morning and had all the controls out by mid afternoon (with the only threat being the arrival of a digger - to clear some new tracks for the motorbike club).

The weather forecast was not good for Sunday, but the rain held off until we were all packed up and on our way home. Many thanks to Pam and Geoff for all their help and also a big thank you to the hardy souls who collected controls for me.

Sharon Mardon

Results - Club teams event

1. James Wood (RM)	26.39	Matthew Wood (O)	23.42	Rhian Hill/R Wood (WS)	28.56	79.17
2. Geoff Morrison (RL)	26.26	Craig Tuohy (RM)	31.02	Naomi Schumacher (RS)	25.26	82.54
3. Peter Watson (RL)	28.04	James Watson (YL)	33.14	Emma Watson (YS)	24.26	85.44
4. Alan Berry (RM)	30.49	Kath Berry (RS)	34.23	Robyn Berry (YS)	25.49	91.01
5. Ross Morrison (RL)	29.16	David Fisher (RM)	28.47	Mac Fisher (YS)	34.30	92.33
6. Richard Lynn (RM)	31.53	Brian Crawford (RS)	30.50	Tim Jowett (O)	30.58	93.41
7. Ken Holst (RL)	34.30	Caroline Watson (RM)	34.17	Helen Watson (WS)	40.11	108.58
8. Craig Riley (RM)	43.54	Stewart Hyslop (RS)	28.24	Paul Steeds (O)	39.57	112.15
9. Brian Wardle (RM)	35.56	Jim Taylor (O)	30.49	David Costigan (YL)	52.01	118.46
10. Tom Fargher (RM)	27.54	Jessica Fargher (O)	72.22	Sophie Fargher (WS)	25.11	125.48
11. Ross Berry (RM)	31.04	Max McEwan (YS)	45.39	Stan Holland (WS)	50.51	127.34
12. Terry Russell (RM)	29.51	Jenny Russell (O)	30.37	Jason Russell (YL)	missed 1	DNF
13. Neil Kerrison (RL)	24.24	Max Kerrison (RM)	24.03	Iris Taute (YL)	missed 1	DNF

HB Orienteering Club

Results - Teams Event - Whirinaki - September 6, 1998

Setter: Sharon Mardon

Vetter: Pamela Morrison

Red Long (3.1km length, 164m climb)

Neil Kerrison	24.24
Geoff Morrison	26.26
Derek Morrison	28.01
Peter Watson	28.04
Ross Morrison	29.16
Ken Holst	34.30

Red Medium (2.25km, 120m)

Max Kerrison	24.03
James Wood	26.39
Tom Fargher	27.55
David Fisher	28.47
Terry Russell	29.51
Alan Berry	30.49
Craig Tuohy	31.02
Ross Berry	31.04
Richard Lynn	31.53
Carolyn Watson	34.17
Brian Wardle	35.56
Craig Riley	43.54

Red Short (1.65km, 92m)

Naomi Schumacher	25.26
Stewart Hyslop	28.24
Brian Crawford	30.50
Kath Berry	34.23

Orange (1.75km, 112m)

Matthew Wood	23.42
Jenny Russell	30.37
Jim Taylor	30.39
Tim Jowett	30.58
Paul Steeds	39.57
Jessica Fargher	72.22

Yellow Long (2.2km, 85m)

James Watson	33.14
Amber Morrison	36.26
Carla Group	47.56
David Costigan	52.01
J Paff's Group	56.32
Dooney Group	74.36
Ogier Group	79.33
Jason Russell	missed 1 DNF
Iris Taute	missed 1 DNF

Yellow Short (1.4km, 70m)

Emma Watson	24.26
Robyn Berry	25.49
Mac Fisher	34.30
Max McEwan	45.39

White Long (2.65km, 110m)

Katrina Bewley	49.26
Claire Bewley	51.22

White Short (1.6km, 85m)

Sophie Fargher	25.11
Rhian Hill & Rob Wood	28.56
Sarah Berry	35.35
Beth McAsey & Katrina Berry	36.51
Helen Watson	40.11
Stan Holland	50.51

String Course

Oliver Watson	4.09
Beth McAsey	5.40
Katrina Berry	5.54
Sarah Berry	5.54
Thomas Hill	9.09



HB Orienteering Club

Results - Frank Smith Trophy - Seafield Road - September 20, 1998

Sorry, there's
no report -
the course
setter is still
in CHINA!!

Setter: David Fisher

Vetter: Max Kerrison

HB = Hawkes Bay, W = Wellington, RK = Red Kiwis (Palmerston North), Wai = Wairarapa,
HV = Hutt Valley

Red Long (6.2km, 190m)

Men

Malcolm Ingham	W	45.43
Geoff Morrison	HB	49.53
Derek Morrison	HB	54.49
Steve Holden	W	59.16
Andrew Thompson	W	60.03
Michael Wood	HV	63.47
Alan Horn	W	67.00
Craig Tuohy	HB	89.28
Doug Matheson	HB	90.43
Richard Lynn	HB	92.18

Women

Gillian Ingham	W	51.16
Pamela Morrison	HB	84.59

Red Medium (5.2km, 185m)

Men

Peter Watson	HB	52.48
Bruce Perry	HB	55.55
Ross Morrison	HB	56.07
Ken Holst	HB	61.40
Neil Kane	W	67.16
Tom Fargher	HB	68.06
Bryn Davies	RK	70.56
Jim Alpe	Wai	71.59
Dave Glover	W	99.29
James Wood	HB	DSQ

Women

Caroline Watson	HB	82.53
Lynn Glover	W	84.33
Ngaire Davies	RK	117.50

Unofficial

Maurice Lloyd (2 nd course)	HB	52.49
Beryl & Scotty Smith	HB	139.49

Red Short (3.8km, 110m)

Men

Maurice Lloyd	HB	39.04
Tony Paterson	RK	51.32
Alan Berry	HB	52.13
John Doolan	RK	59.53
Stewart Hyslop	HB	65.34
Brian Wardle	HB	71.10
Philip Mardon	HB	82.14
Dave Smith	HB	109.37
George Davies	RK	113.14

Women

Dorothy Kane	W	55.29
Robyn Davidson	RK	80.19
Sharon Mardon	HB	81.35
Kath Berry	HB	87.03
Linda Lloyd	HB	87.05

Unofficial

Helen Sharpe	W	75.49
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Orange Long (5.2km, 150m)

Men

Matthew Wood	HB	51.40
Christopher Ingham	W	56.26
Matthew Moorby	RK	65.26
Tim Jowett	HB	69.45
Anthony Lloyd	HB	71.53
Jim Taylor	HB	72.05
Paul Rocke	Wai	74.26

Women

Victoria Glover	W	59.56
Rachel Alpe	Wai	69.41
Jenny Russell	HB	87.07

Orange Short (4.1km, 110m)**Men**

Craig Riley	HB	38.57
Rob MacDonald	HB	58.16
Graeme Flyger	RK	65.18
Paul Steeds	HB	90.24
Don Gordon	HB	113.09

Women

Carole Flyger	RK	74.01
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Unofficial

Karl Baker		60.53
Mac & Ngaire Fisher	HB	92.30

Yellow (3.0km, 90m)**Men**

David Costigan	HB	23.21
Jason Russell	HB	28.08
Rob Wood	HB	30.42
Max McEwan	HB	66.59

Women

Claire Paterson	RK	22.41
Amber Morrison	HB	24.57
Emma Watson	HB	25.13
Lizzie Ingham	W	34.43
Melissa Mikaere	HB	37.35

Unofficial

Erika Bristow	HB	37.36
MacDonald Family	HB	38.44
Jo, Barb & AJ		41.38
Afleck Group 2	HB	48.53
Afleck Group 1	HB	62.59
Dooney		72.45

White (1.9km, 80m)**Men**

James Watson	HB	20.02
Richard Glover	W	21.27
Robert Paterson	RK	22.10
Oliver Davidson	RK	26.39
Andrew Glover	W	40.55
Duncan Morrison	HB	52.54
Rhian Hill	HB	58.50
Brendon Lloyd	HB	114.55

Women

Cara MacDonald	HB	32.16
Helen Watson	HB	44.14
Anneka Perry	HB	51.27
Kate Morrison	HB	59.32
Sophie Fargher	HB	69.03

Unofficial

Boland Family	HB	25.28
Bristow Family	HB	34.43
Doug & John		60.29

String

Scott MacDonald	5.35
Cara MacDonald	6.00
Oliver Watson	6.09
Duncan Morrison	6.46
Christopher MacDonald	9.10
Lottie Perry	24.02

FRANK SMITH TROPHY	Points
1. Hawkes Bay	2337
2. Wellington	1068
3. Red Kiwis	990
4. Wairarapa	272
5. Hutt Valley	90

HB - RED KIWIS INTERCLUB CHALLENGE	Points
1. Hawkes Bay	3223
2. Red Kiwis	888

The Slump

What a fascinating map The Slump is! I found it extremely difficult deciding on final course lengths for all courses due to the number of variables involved, and final results show only the Yellow and White courses actually came close to the correct EWTs. Variables affecting times included the weather (which ranged from still and very hot leaving some competitors looking a bit dehydrated, to very wet and windy at day's end), how many errors made which on this map can consume a lot of time in relocating, and route selection which can make a big difference to climb involved on a course.

There was a Watson quinella on the White course with Emma and Helen Watson coming in first and second, and Amber Morrison showed a clean pair of heels to the rest of the field in the Yellow course.

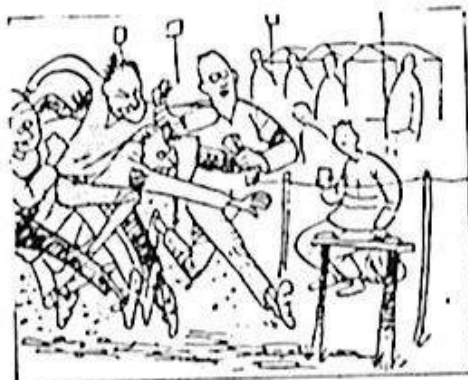
Newcomer Rob McDonald just pipped the ever improving Jenny Russell on the Orange course and there was also a lot of enthusiasm shown by Rob's kids on the String course.

Another win to Caroline Watson on the Red Short course and a possible return to form from Stewart Hyslop looks to be on the cards. Max McEwan was heard muttering something about never doing a Red course again, but I don't believe a word of it!

Derek and Ross took out the Double yet again on the Red Long and Medium courses. Derek's winning margin looks very impressive and Ross also looks equally unchallenged on his course - when does he start running Red Long??

A special thanks to landowners, David and Tom Hartree who couldn't have been more obliging - the ewes were still lambing as some of you may have noticed - and to Dave Fisher, Doug Matheson, Caroline Watson, Brian Crawford, Derek Morrison and others for helping pull controls in miserable conditions.

B.P.



HB Orienteering Club

Results - OY5 - "The Slump" - October 4, 1998

Setter: Bruce Perry

Vetter: Doug Matheson

Red Long (7.07km length, 290m climb)

Derek Morrison	61.23
Peter Watson	80.11
Geoff Morrison	82.30
Ken Holst	91.50

Red Medium (5.65km, 210m)

Ross Morrison	70.31
David Fisher	94.19
Alan Berry	100.02
Craig Tuohy	115.18
Terry Russell	131.15
Pamela Morrison	133.55
Richard Lynn	135.51
Heather Dobson	162.32
Maurice Lloyd	DNF

Red Short (2.85km, 140m)

Caroline Watson	49.58
Stewart Hyslop	57.10
Brian Crawford	59.41
Brian Wardle	64.36
Sharon Mardon	68.39
Linda Lloyd	77.14
Paul Steeds	106.40
Dave Smith	109.00
Mac & Ngaire Fisher	113.49
Margot Young & Max McEwan	143.11
Kath Berry	DNF

Orange (3.57km, 165m)

Rob McDonald	71.01
Jenny Russell	73.39
Anthony Lloyd	99.40
Gillman/Jepson Group	115.00
Karl & Philip Baker	DNF

Yellow (2.27km, 130m)

Amber Morrison	36.18
Afleck & Kelly Group	48.57
Eru Watana	49.00
McDonald Family	59.01
James Watson	59.24
Stan Holland	171.55
Jason Russell	DNF
Greg Tuohy & Jordon Familton	DNF

White (1.60km, 100m)

Emma Watson	22.57
Helen Watson	38.58
Sarah Berry *	42.42
Anneka Perry	45.25
Oliver Watson *	49.45
Duncan Morrison	54.37
Kate Morrison	66.23
Brendon Lloyd	107.12

* - accompanied

String Course

Solfried Gilman	6.15
Scott McDonald	7.00
Cara McDonald	7.27
Jordan Familton	7.57
Greg Tuohy	7.57
Christopher McDonald	11.10

WOA RELAYS - WHITIREIA PARK - OCTOBER 11, 1998

MIXED A:

Place	Team #	Team Name	Club	Team Time
1	x04	Turbo Bunnies	Wai	1:57:06
				1 Felicity Anderson 0:38:19
				2 Tony Nixon 0:38:14
				3 Bryan Teahan 0:40:33
2	x09	Well Heeled	WN	1:57:10
				1 Chris Ingham 0:40:09
				2 James Bradshaw 0:38:17
				3 Steve Holden 0:38:44
3	x11	Well Bred	WN	1:58:06
				1 Simon Robinson 0:36:54
				2 Penny Kane 0:43:41
				3 Gillian Ingham 0:37:31
4	x33	Scorching Suns	HB	1:58:13
				1 Ross Morrison 0:32:43
				2 Ken Holst 0:44:25
				3 Derek Morrison 0:41:05
5	x10	Well Run	WN	2:01:59
				1 Amy Holden 0:42:13
				2 Neil Kane 0:40:15
				3 Andrew Thompson 0:39:31
6	x08	Spice Cocks	KH	2:02:51
				1 John (Scary) Bocoock 0:44:42
				2 Barnaby (Posh) Bocoock 0:38:43
				3 Ben (Baby) Bocoock 0:39:26
7	x34	Searing Suns	HB	2:11:08
				1 Matthew Wood 0:45:19
				2 Jamie Wood 0:47:31
				3 Geoff Morrison 0:38:18
8	x12	Well Being	WN	2:13:02
				1 Kieran Johnson 0:41:52
				2 Katie Hill 0:44:31
				3 Lawrie Stewart 0:46:39
9	x13	Well Come	WN	2:15:09
				1 Tony Hurst 0:44:52
				2 Joe Van Beek 0:49:39
				3 Chris Holden 0:40:38
10	x02	Came a Hutt Friday	HV	2:16:12
				1 Peter Bakos 0:51:52
				2 Andrew McCarthy 0:40:34
				3 Michael Wood 0:43:46
11	x31	RK-Patersons	RK	2:18:18
				1 Claire Paterson 0:40:47
				2 Tony Paterson 0:44:52
				3 Russell Higham 0:52:39
12	x03	JJC Bunnies	Wai	2:21:27
				1 Colin Tait 0:43:47
				2 Jim Barr 0:49:42
				3 Jim Alpe 0:47:58
13	x28	RK - Teahans	RK	2:26:14
				1 Robyn Davidson 0:57:56
				2 Graham Teahan 0:44:05
				3 Dominic Teahan 0:44:13

14	x18	Well Behaved	WN	2:27:28		
				1	Dianne Hill	0:48:33
				2	Lynn Glover	0:49:02
				3	Stephen Knowles	0:49:53
15	x30	RK-Perssons	RK	2:31:01		
				1	George Davies	0:48:33
				2	Raewyn Persson	0:57:40
				3	Dave Persson	0:44:48
16	x07	Bounding Bunnies		Wai	2:38:34	
				1	Barbara Anderson	0:50:09
				2	Graeme Roberts	0:54:26
				3	David Barr	0:53:59
17	x24	Well Done	WN	2:41:10		
				1	Julia Fraser	0:46:34
				2	Royce Johnson	0:59:00
				3	Ken Fraser	0:55:36
18	x27	RK - Davies	RK	2:41:22		
				1	Bryn Davies	0:45:47
				2	Ngaire Davies	0:45:10
				3	Peter Wood	1:10:25
19	x05	Zooming Bunnies	Wai	2:42:24		
				1	Racheal Alpe	0:44:07
				2	Paul Rocke	1:04:14
				3	Margaret McLauchlan	0:54:03
20	x00	Hutt Shots; Part Deux	HV	2:51:16		
				1	Jason van Dyk	1:09:37
				2	Scott van Dyk	0:49:04
				3	Mark Copeland	0:52:35
21	x35	Scalding Suns	HB	3:12:26		
				1	Jenny Russell	1:15:56
				2	Pamela Morrison	0:47:32
				3	Terry Russell	1:08:58
22	x32	RK-Others	RK	3:29:44		
				1	Pat Larsen	1:38:13
				2	Robyn Galloway	1:16:10
				3	Mark Husdon	0:35:21
23	x01	Some like it Hutt	HV	3:35:11		
				1	Priscilla Calvert	1:36:49
				2	Philip Calvert	1:00:48
				3	Bruce Henderson	0:57:34
24	x14	Well Rounded (Unofficial)	WN	2:01:56		
				1	Malcolm Ingham	0:27:34
				2	Roger Shelton	0:43:11
				3	Nigel Bingham	0:51:11
25	x19	Well Known (Unofficial)	WN	2:27:14		
				1	Beverly Holder	0:59:00
				2	Peter Whiteford	0:53:39
				3	Malcolm Ingham	0:34:35

RELAY POINTS TABLE

Wellington	410
Hawkes Bay	324
Red Kiwis	302
Wairarapa	262
Hutt Valley	231
Kapiti Havoc	90

MIXED B:

Place	Team #	Team Name	Club	Team Time
1	x50	Cat on a Hutt Tin Roof	HV	1:26:42
			1	Caroline Calvert 0:19:02
			2	Phillippa Henderson 0:27:42
			3	Gavin Scott 0:39:58
2	x52	S-Well-ing	WN	1:28:01
			1	Lizzie Ingham 0:13:12
			2	Melanie Johnson 0:23:08
			3	Nadine Kuiper 0:51:41
3	x54	S-Well-ed	WN	1:40:29
			1	Claire Dinsdale 0:20:03
			2	Gary Holden 0:31:24
			3	Simon Comesky 0:49:02
4	x67	Broiling Suns	HB	1:41:18
			1	Duncan Morrison 0:21:11
			2	Amber Morrison 0:24:21
			3	Alan Berry 0:55:46
5	x62	RK - B2	RK	1:46:06
			1	Jamie Pantling 0:14:51
			2	Marie Kissick 0:30:14
			3	Graeme Flyger 1:01:01
6	x56	WN - Whitefords	WN	1:52:58
			1	Arran Whiteford 0:20:31
			2	Andrew Whiteford 0:25:51
			3	Christine Whiteford 1:06:36
7	x65	Blazing Suns	HB	1:58:03
			1	Helen Watson 0:14:08
			2	Emma Watson 0:52:01
			3	Tim Jowett 0:51:54
8	x68	Baking Suns	HB	2:31:31
			1	Kate Morrison 0:38:36
			2	Melissa Mikaere 0:52:06
			3	Dave Costigan 1:00:49
9	x51	Bunnies Short	Wai	2:40:15
			1	Michelle Teahan 0:18:26
			2	Paddy Teahan 0:24:04
			3	Gary McLennan 1:57:45
10	x61	RK - B1	RK	2:41:04
			1	Robert Paterson 0:14:09
			2	Oliver Davidson 0:39:55
			3	Carole Flyger 1:47:00
11	x55	Kids Glover (Disqualified)	WN	1:20:32
			1	Andrew Glover 0:13:47
			2	Richard Glover 0:21:45
			3	Victoria Glover 0:45:00
12	x63	RK - B3 (Unofficial)	RK	1:20:05
			1	David Cronin 0:13:44
			2	Caroline Berendt 0:24:51
			3	Matthew Moorby 0:41:30
13	x57	WN - De Lisle 1 (Informal)	WN	
			1	Darna De Lisle 0:22:33
			1	Renne De Lisle 0:22:33
			1	Derek De Lisle 0:22:33
14	x60	WN -Others (Informal)	WN	
			1	Mathew Parr 0:21:30
			1	Paul Valvy 0:21:30

HB Orienteering Club

Results - Club event - "The Junction" - October 18, 1998

Setter: Tom Fargher

Orange Long (6.5km)

Geoff Morrison	47.31
Rob McDonald	65.54
Tim Jowett	69.51
Scotty & Beryl Smith	71.22
Norris Cox	103.10
Pamela Morrison	DNF



Orange Short (3.8km)

Brian Wardle	40.14
George Davies (RK)	48.58
Gillman/Jepson Group	50.59
Robyn Davidson (RK)	54.30
Patricia Larsen (RK)	69.06
Val Morrison	85.44
Anne & Ted Sapsford	105.45

Yellow (2.8km)

Oliver Davidson (RK)	27.44
Emma Watson & Anna Lee	31.04
R & T Gillman	36.26
McDonald Family	43.30
Claire Holmes	94.42

White (2.3km)

Helen Watson	24.02
Hanne & Solfrid Jepson	26.47
Rachel, Ma & Dustin	29.20
Kate Morrison	31.36
Duncan Morrison	36.20
Sophie Fargher & Amanda Speakman	41.19

String Course

Sophie Fargher	1.11
James Watson	1.20
Amanda Speakman	1.26
Solfried Gilman	1.37
Cara McDonald	1.44
Scott McDonald	2.06
Chris MacDonald	2.17
Kate Morrison	2.35
Duncan Morrison	2.39
Oliver Watson	3.20

The weather was fine, but everybody on the orange courses came back wet!

Most of those on the long orange crossed the river four or more times (but not all). For some it only came to their knees - others got a little wetter!!

Getting to The Junction early, to set out the last controls, I was being chased around by those trying to start - I was towing the caravan! Everybody finally started and returned and said they enjoyed it, hope they did?

The string course was very short, sorry about that.

THANKS Geoff. He dug the toilet & helped setup so people could start!

Tom Fargher.

1998 OY SERIES

	OY 1	OY 2	OY 3	OY 4	OY 5	OY 6	Total	Best 4#
Red long - men								
Derek Morrison OY2*	25.00	25.00	24.17	25.00	25.00		124.17	100.00
Peter Watson OY1*	25.00	25.00	25.00	21.66	19.14		115.80	96.66
Geoff Morrison OY4*	23.71	20.55	22.04	23.71	18.60		108.61	90.01
Maurice Lloyd	19.30	10.00	23.66	20.41			73.37	73.37
Mark Hudson		22.55		24.93			47.48	47.48
Max Kerrison			16.99				16.99	16.99
Ken Holst					16.71		16.71	16.71
Norris Cox			13.96				13.96	13.96
Craig Tuohy	12.10						12.10	12.10
James Wood			10.41				10.41	10.41
Gordon Rogers	10.00						10.00	10.00
Red medium - women								
Pamela Morrison OY3* ,4*	25.00	25.00	25.00	25.00	25.00		125.00	100.00
Caroline Watson				25.00			25.00	25.00
Red medium - men								
Ross Morrison	25.00		23.76	25.00	25.00		98.76	98.76
Bruce Perry OY5*		21.03	25.00	23.53	25.00		94.56	94.56
Ken Holst	17.46	25.00	22.65	22.24			87.35	87.35
Alan Berry OY3*		16.24	17.62	16.44	17.62		67.92	67.92
David Fisher	14.62	16.73		14.06	18.69		64.10	64.10
Richard Lynn	12.19	11.75	15.45	14.40	12.98		66.77	55.02
Terry Russell	10.00		15.93	15.48	13.43		54.84	54.84
Tom Fargher OY1*	18.90	18.90		16.35			54.15	54.15
Craig Tuohy		13.77		18.10	15.29		47.16	47.16
Doug Matheson OY5*	15.20			14.18	15.20		44.58	44.58
Eric Dunbar	15.46	16.52					31.98	31.98
Max Kerrison		23.29					23.29	23.29
Ross Berry		14.63					14.63	14.63
Brian Wardle		10.00					10.00	10.00
Red short - women								
Caroline Watson	25.00	25.00	25.00		25.00		100.00	100.00
Sharon Mardon	22.16	18.64	14.93	25.00	18.20		98.93	84.00
Linda Lloyd	10.00	24.32	15.16	23.53	16.17		89.18	79.18
Kath Berry OY3*		21.26	21.45	21.45	10.00		74.16	74.16
Naomi Schumacher	14.85		17.61				32.46	32.46
Anne Sapsford			10.00	16.15			26.15	26.15
Red short - men								
Brian Crawford	25.00	25.00	18.42	19.57	23.95		111.94	93.52
Brian Wardle			25.00	25.00	22.12		72.12	72.12
David Smith	10.00	21.90	17.65		13.11		62.66	62.66
Stewart Hyslop					25.00		25.00	25.00
Paul Steeds				10.00	13.40		23.40	23.40
Craig Riley				22.37			22.37	22.37
Philip Mardon			17.32				17.32	17.32

Orange - women							
Jenny Russell	10.00	17.23	25.00	25.00	25.00	102.23	92.23
Jessica Fargher	25.00	25.00				50.00	50.00
Diane Lucas				24.33		24.33	24.33
Val Morrison				13.00		13.00	13.00
Orange - men							
Tim Jowett		17.34	25.00	25.00		67.34	67.34
Rob McDonald			20.72		25.00	45.72	45.72
Jim Taylor			19.06	21.62		40.68	40.68
Anthony Lloyd				19.84	17.81	37.65	37.65
Mathew Wood		25.00				25.00	25.00
James Wood		23.91				23.91	23.91
Rob Poulgrain			13.03			13.03	13.03
Max McEwan			11.04			11.04	11.04
David Unwin			10.80			10.80	10.80
Yellow - women							
Amber Morrison	25.00 \$		25.00	25.00	25.00	100.00	100.00
Gemma Schumacher	17.54					17.54	17.54
Emma Watson	\$					0.00	0.00
Yellow - men							
James Watson	25.00 \$		18.42	20.97	25.00	89.39	78.57
Jason Russell				25.00	10.00	35.00	35.00
David Costigan	\$		25.00			25.00	25.00
White - women							
Emma Watson	25.00			25.00	25.00	75.00	75.00
Kate Morrison	16.69	15.32	25.00	14.78	10.00	81.79	71.79
Helen Watson	22.32	16.15	10.00	10.00	14.72	73.19	63.19
Sophie Fargher		25.00				25.00	25.00
Anneka Perry		10.00		20.25^	12.63	22.63	22.63
Sarah Berry					13.44^	0.00	0.00
White - men							
Hugo Beamish		17.78	25.00	25.00		67.78	67.78
Brendan Lloyd	25.00	15.57	13.54	10.00	12.74	76.85	66.85
Duncan Morrison				10.00	25.00	35.00	35.00
Alister Poulgrain			12.52			12.52	12.52
Brett Dever			16.88^			0.00	0.00
Rhian Hill		25.00^	24.58^			0.00	0.00
Oliver Watson					25.00^	0.00	0.00

The OY series is over 6 events during the year. The lowest scoring event may be dropped. Where a member does not take part in all 6 events, then all results count.

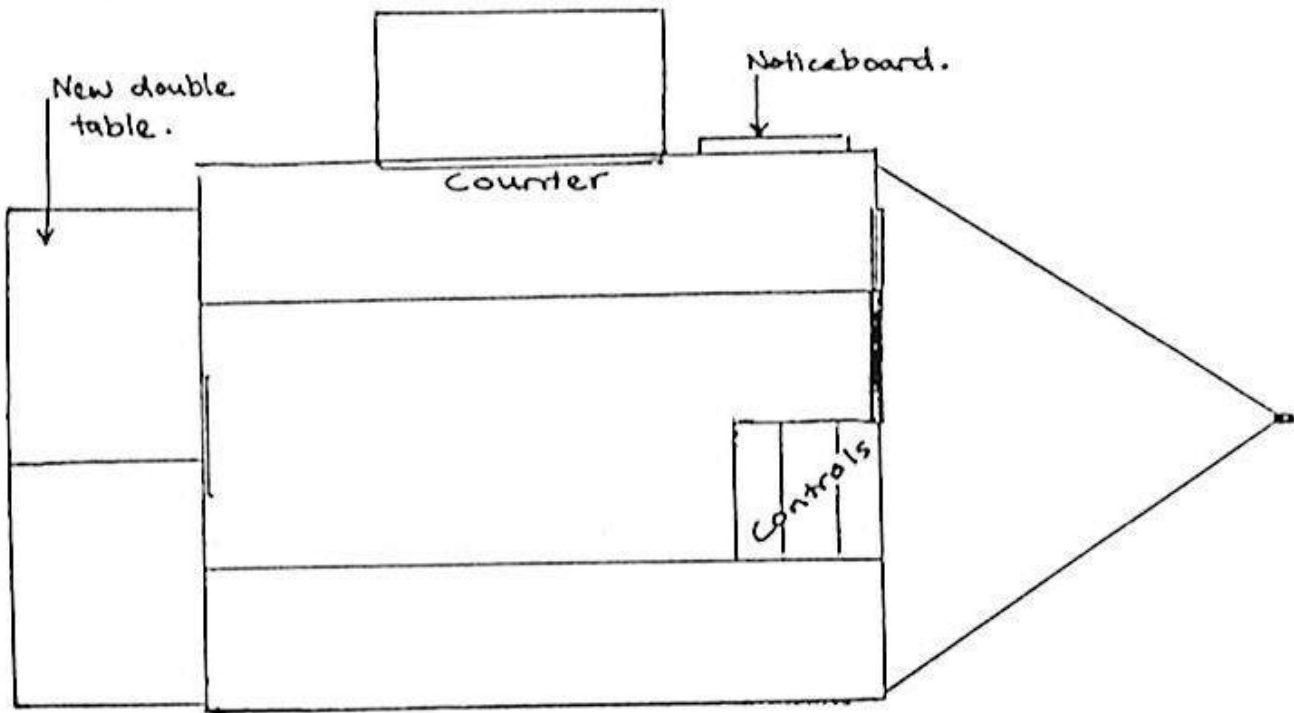
* indicates setters and controllers, who score points equal to their best other event during the series

total for year, if less than four events

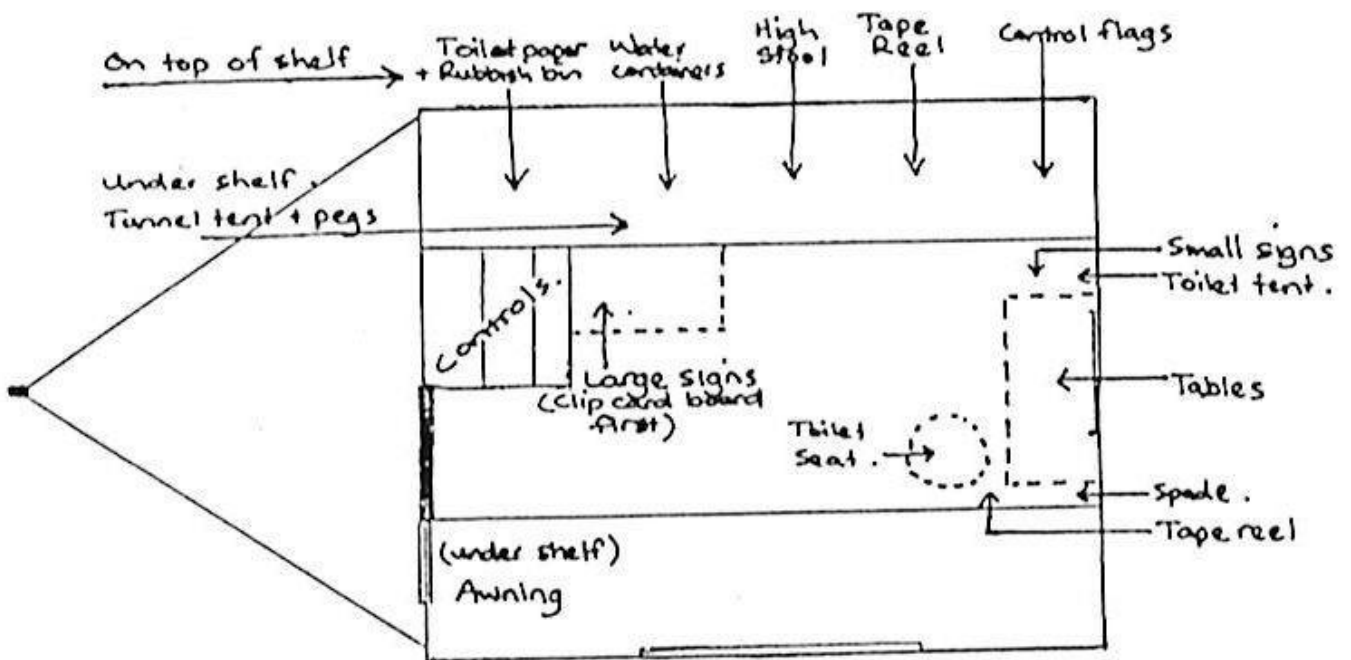
\$ yellow course at Maraetotara invalidated because of missing control

^ accompanied - points do not count in total

OUTSIDE THE CARAVAN



INSIDE THE CARAVAN



IF YOU HAVE ANY QUERIES, PLEASE SEE RICHARD LYNN.



NEW MEMBERS

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

- * Jill, Gary & Joanne Affleck
- * Philip, Jenny, Karl & Rachel Baker
- * Josie Boland, Greg, Erika & Conal Bristow
- * Debbie, Peter, Kieran, Matthew & Cameron Ogier

1998 FIXTURES (local only)

DATE	EVENT	MAP/PLACE
1/11/98	CLUB OY6	TANGOIO
15/11/98	CLUB CHAMPS	MARAETOTARA
29/11/98	CLUB	TE MATA PARK
8/12/98	AGM	
13/12/98	CLUB XMAS	HORSESHOE BEND

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.

👉 With the recent demise of The HB Sun newspaper, event advertisements will now appear in the "Happenings" column of the Hastings Leader and Napier Courier, on the Friday edition prior to events.

1998/99 FIXTURES

DATE	CLUB	EVENT	MAP/PLACE
November			
1	HB	CLUB OY6	TANGOIO
7 - 8	R	CDOA CHAMPS	ROTORUA
15	HB	CLUB CHAMPS	MARAETOTARA
29	HB	CLUB	TE MATA PARK
December			
5	HV	MAKARA ROGAINE	WELLINGTON
8	HB	AGM	
13	HB	CLUB XMAS	HORSESHOE BEND
1999			
January			
16	EG	EGMONT CLUB CHAMPS	KAHIKATEA, TARANAKI
17	EG	TARANAKI TURKEY TRAVERSE	TARANAKI
30		HOLDSWORTH - JUMBO TRAIL RACE	WAIRARAPA
February			
6 - 7		NZ MASTERS GAMES	WANGANUI
20 - 21	HB	KAWEKA CHALLENGE	
27	T	KATOA PO NIGHT RELAYS	TAUPO
28	T	CDOY 1	TAUPO
April			
2 - 5		NATIONAL SQUAD MULTI DAY	AUCKLAND
16 - 17	D	SILVA SS CHAMPS	DUNEDIN
May			
15 - 16		CD OY 3 & 4	PIOPIO
June			
5 - 7	HB	QB 3 DAY / WOA CHAMPS	HAWKES BAY
July			
16 - 17	A	NI SS CHAMPS	AUCKLAND
September			
25 - 26	CH	AUCKLAND CHAMPS	COUNTIES - MANUKAU
October			
9 - 10	T	CD CHAMPS	TAUPO
23 - 25	NW	NATIONAL CHAMPS	AUCKLAND
December			
5	HB	ROGAINE	SHEDLEY STATION
28 - 31		WMOC2000 WARM-UP EVENTS	
2000			
January			
1 - 7		WMOC2000	MANAWATU
9 - 10		WMOC2000 WARM-DOWN	CANTERBURY/OTAGO
16 - 17	PAPO	WORLD ROGAINE CHAMPS	CANTERBURY

HAWKES BAY ORIENTEERING CLUB - 1998

ADLAM, Rosalie	6 Henley Crescent	Pirimal	843 5557
AFFLECK, Jill & Gary Joanne	17A Gallipoli Road	Napier	843 6098
BAKER, Phillip & Jenny Karl & Rachel	35 Goldsmith Road	Napier	835 3862
BALAS, Odile & Nicolas	119 Milton Road	Napier	835 0141
BEAMISH, Hugo	Ballyva, RD 9	Hastings	874 3889
BERRY, Alan & Kath	12 Woodford Heights	Havelock North	877 7223
BERRY, Ross & Robyn Sarah & Katrina	27 Hikanui Drive	Havelock North	877 4436
BOLAND Josie/BRISTOW Greg, Erika & Conal	99 Chaucer Road	Napier	835 1805
CHAPMAN, Ann Marie OLSEN, Michael Jake & Rata	40 Beach Road	Haumoana 4250	875 0994
COSTIGAN, David	707A Nelson Street N	Hastings	876 9569
COX, Norris	23 Ormond Road	Napier	835 4129
CRAWFORD, Brian	8 Totara Street	Taradale	844 6125
DEVER, Bill & Teresa Brett	414A Lascelles Street	Hastings	876 4038
DUNBAR, Eric	34 Jellicoe Street	Walpukurau	858 7146
FARGHER, Thomas Jessica & Sophie	R.D. 1,	Otane	856 8138
FISHER, David	26 Trent Street	Taradale	844 8282
FISHER, Mac & Ngale	23 Charles Street	Westshore	835 3773
GEENTY, Dick & Sue	569 Lyndhurst Rd	Hastings	876 7424
GORDON, Don	77 Greenhill Road	RD4, Hastings	879 8908
HARKER, Nic & Birgit Mikaela, Benjamin Kamilla, Rikke	RD 1	Otane	856 8031
HOLST, Ken & Kay	Twyford Road	RD 5, Hastings	879 5046
HOWELL, Chris	1950 Maraekakaho Rd	RD 1, Hastings	879 5686
HUDSON, Mark	41 Florence Avenue	Palmerston Nort	354 5940
HYSLOP, Stewart	"Oakdale", RD 4	Hastings	879 8078
JEPSON, Hanne GILLMAN, Robert Solfrid, Thomas	35 Campbell Street	Havelock North	877 8939
JOHANSSON, Asa	20 McLean Street	Wairoa	838 7837
JOWETT, Tim	50 Charles Street	Westshore	835 3765
KERRISON, Max	492 Puketapu Road	RD 3, Napier	844 9326

LLOYD, Maurice & Linda Anita & Anthony Brendan	90 Waverley Road	RD 3, Napier	843 5251
LUCAS, Diane Gemma	16 Konini Avenue	Napier	843 0095
LYNN, Richard	20 Scully Crescent	Napier	843 7511
MARDON, Phillip & Sharon	24 Evenden Road	Hastings	876 8558
MATHESON, Doug	11 Harpham Street	Taradale	844 1410
McDONALD, Robert & Faye Cara, Scott, Christopher	907 Ebbett Street	Hastings	876 0146
McEWAN, Max	13 Emerald Hill	Havelock North	877 8421
MIKAERE, Lois Melissa & Perrin	31 Yarmouth Road	Hastings	879 5432
MORRISON, Derek & Val Ross & Amber Kate & Duncan	24 Tauroa Road	Havelock North	877 8261
MORRISON, Geoff & Pamela	27 Margaret Avenue	Havelock North	877 4870
OGIER, Debbie & Peter Kieran, Matthew, Cameron	3 Tyndale Street	Napier	843 4530
PERRY, Bruce Anneka	118 Crownthorpe Road	RD 9, Hastings	874 3731
PIKE, Sue & Martin Christopher & Nicholas	61 State Highway 2	Main Rd, Clive	870 0246
POULGRAIN, Rob & Julie Allister	1208 Ada Street	Hastings	876 7692
RILEY, Craig	70 Le Quesne Road	Bay View	836 6169
ROGERS, Gordon	24 Scott Drive	Flaxmere	879 8487
RUSSELL, Terry & Samantha Jenny & Jason	809 Matai Street	Hastings	873 4138
SAPSFORD, Ted Anne	804A Clive Street	Hastings	876 0405
SCHUMACHER, Naomi, Hana Gemma & Richard	Pukehou	PB, Hastings	856 8109
SMITH, David	3 Everest Avenue	Havelock North	877 4583
SMITH, Beryl & Scotty	19 Waterhouse Street	Taradale	844 7470
STEEDS, Paul	Raukawa Road	RD4, Hastings	
TAYLOR, Jim and McMAHON, Joy	14 Talnui Drive	Havelock North	877 3349
THOMPSON, Barry	Whinfield	RD 3, Napier	844 8023
TUOHY, Craig & Greg Rachael Josephine Crawley	913 Wall Road	Hastings	876 0565
WARDLE, Brian	134 Napier Road	Havelock North	877 6660
WATSON, Peter & Caroline James, Emma, Helen	9 Nelson Street	Walpukurau	858 8208
WAUGH, Tannis & UNWIN, David	PO Box 818	Napier	834 0677
WOOD, Rob, James, Matthew HILL, Briar, Rhian, Thomas	15 Jull Road	Napier	835 5897
YOUNG, Margot	606 Terrace Road	Hastings	876 9741



HILLARY COMMISSION

Possession of this map does not give right of entry.

	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

OCTOBER 1998