

NSW ROGAINING NEWSLETTER

NUMBER 44

MAR 1994

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ACT Rogaining Championships



MORE ON THE DEVELOPMENT PLAN *by* ALAN MANSFIELD

At the 1994 AGM it was decided that the committee will remain the same with the welcome addition of Stephen Castle as Vice President.

We hope to see more new faces as part of event organizing teams during 1994. Contact Warwick Marsden or the event organizer if you would like to help.

Ongoing in 1994 will be the efforts to review and instigate the Development Plan and we will undertake to divide the committee into smaller groups.

These small groups will be: -

MEMBERSHIP/RECORDS:

Over the year Trevor Gollan hopes to transfer this task to Graeme Cooper who has been running a computerized membership system for the Northern Tablelands Orienteering Club for a number of years.

EQUIPMENT:

John Keats is consolidating our hash house equipment into the trailer. He will be looking for help with the upkeep of equipment and maintaining a register. In the near future we will also require some professional sign writing for the trailer.

PUBLICITY:

Julian Ledger has continued with publicizing the sport of rogaining and has again produced the 1994 rogaining brochure. He would like to hear from anybody with an interest or experience in this area.

NEWSLETTER:

Sonia Kupina and Mamie Holmes would be grateful for any newsletter articles or ideas for future editions and assistance with newsletter folding nights.

TECHNICAL and SAFETY:

The ARA and IRF are developing the rules and standards of rogaining and this group will be involved in ongoing discussion in the evolution of the sport. This group will advise event organizers

regarding rules and technical standards. It is anticipated that this can be done without stifling organizers' desires to try something different to make events more individual particularly at non championship events. The safety and search and rescue aspect of rogaines also needs to be addressed.

INSURANCE and LEGAL:

We would appreciate assistance from members with experience in the insurance/legal profession who would like to advise on our insurance obligations and our constitution. Jonathan Darcy has already offered assistance in this area.

EVENT ORGANISATION:

Warwick Marsden has developed this position planning the yearly event calendar and co-ordinating volunteers to run events, but with the number of events increasing he will need help. This group will also be responsible for maintenance and distribution of event equipment, flags, signs, etc.

Contact the President or Secretary if you would like to help out in any of the above groups or if you would like to attend the next general meeting on Wednesday 30.3.94. All welcome.

ARE YOU A FINANCIAL MEMBER OF THE NSWRA?

Check the *address label* on this
newsletter to determine your
financial status

F = FINANCIAL

N = NON FINANCIAL

This will be the last newsletter sent to you.

C = COMPLIMENTARY

MEMBERSHIP APPLICATION ENCLOSED

1994 ANNUAL GENERAL MEETING

by *TREVOR GOLLAN*

The AGM, conducted prior to the Upside Down Rogaine, confirmed that the committee would stay the same for 1994 with the intention of implementing the development plan that was outlined in the last newsletter (Number 43, Jan 1994). Stephen Castle was added to the committee as Vice President. The full committee for 1994 is:



COMMITTEE MEMBERS

<i>PRESIDENT</i>	<i>Alan Mansfield</i>	<i>4/68 St. Thomas St, CLOVELLY 2031</i>	<i>02 6654925</i>
<i>VICE PRESIDENT</i>	<i>Stephen Castle</i>	<i>61 Florence Ave, EASTLAKES 2018</i>	<i>02 6674491</i>
<i>SECRETARY</i>	<i>Trevor Gollan</i>	<i>39 Greenslopes Ave, MT OUSLEY 2519</i>	<i>042 854053</i>
<i>TREASURER</i>	<i>Tony Maloney</i>	<i>25 Kiparra St, WEST PYMBLE 2073</i>	<i>02 4992369</i>
<i>EDITORS</i>	<i>Sonia Kupina</i>	<i>4/68 Sf. Thomas St, CLOVELLY 2031</i>	<i>02 665 4925</i>
	<i>Marnie Holmes</i>	<i>11/10 May St, EASTWOOD 2122</i>	<i>02 8740226</i>
<i>EVENTORGANISER</i>	<i>WarwickMarsden</i>	<i>34 The Glen Cres, SPRINGWOOD 2777</i>	<i>047 516797</i>
<i>PUBLICITY</i>	<i>Julian Ledger</i>	<i>108 Cressy Rd, EAST RYDE 2112</i>	<i>02 888 1954</i>
<i>CRECHE ORGANISER</i>	<i>Anne Francis</i>	<i>62A Delmar Pde, DEE WHY 2099</i>	<i>02 982 4836</i>
<i>EQUIPMENT</i>	<i>John Keats</i>	<i>109 Mississippi Rd, SEVEN HILLS 2147</i>	<i>02 6362364</i>
<i>ARA REP.</i>	<i>Peter Watterson</i>	<i>13 Driver St, DENISTONE 2114</i>	<i>02 804 6091</i>
<i>COMMITTEE</i>	<i>Graeme Cooper</i>	<i>Cluny Rd MSF2005, ARMIDALE 2350</i>	<i>067 72 3584</i>
	<i>David Sigley</i>	<i>7 Keith Street, PEAKHURST 2210</i>	<i>02 539937</i>

TREASURER'S REPORT 1993

by *TONY MALONEY*

1993 saw a reduction in our cash reserves by over 50% due to:

- the purchase of a trailer (\$3,000) to provide year-round storage and transport for the Association's equipment.
- the losses sustained at two events - the Metrogaine which had free entry and the Easter Rogaine which had a disappointing turn-up.

The combined impact of these two factors accounted for over \$5,000 in outgoings. Whilst it is typical for one event to run at a small loss each calendar year, the costs incurred in the purchase of the trailer and the Metrogaine are looked upon as "one off" and are therefore not of serious concern.

After discussions on matching possible income and expenditure during 1994, it was decided that membership fees would increase by approximately 20%, although no clear decision was made on what expenditure would be met by this increase. Irrespective of this, the end result should be less pressure on individual events returning profits, which together with a more formal approach to event budgeting, should keep event entry costs down or even reduced.

NSW ROGAINING ASSOCIATION 1993

Profit and Loss Statement as at 22/01/94

Opening Balance		\$7,584.68
Income	Membership 55,204.00	
	Stock \$311.00	
	Transport \$420.00	
	Other \$743.22	
	Total	\$6,678.22
Expenditure	ARA Subs (\$420.00)	
	Postage (\$332.80)	
	Bank Fees (\$142.36)	
	Insurance (\$938.82)	
	Equipment (\$3,987.35)	
	Newsletter (\$3,378.61)	
	Stock (\$883.73)	
	Promotion (\$415.00)	
	Transport (\$734.40)	
	Other (\$448.71)	
	Total	(\$11,721.78)
Events		\$608.62
Profit / (Loss) for 1993		(\$4,434.94)
Closing Balance		\$3,149.74

A WORD FROM THE ORGANIZERS OF UPSIDE DOWN ROGAINE

by CAMERON SHORTER

We were very lucky with the weather for the event. There was, big full moon, no clouds, and it was reasonably warm. Quite predictably most teams left the hash house headed for checkpoint 51 (damn smack in the middle of the pine block). We were quite interested in how hard this checkpoint would be to find. So we followed some teams into the control. Yes, it sounds silly doesn't it, but even organisers get caught up in the excitement of a start. Once we found the control we sat down in the bushes being as quiet as possible and waited for the remaining teams. Quite a few teams went within metres without seeing us. Yes, yes, so some of you did see us, and probably deduced that you were close to the checkpoint. Eventually we went back to the hash house, a little disappointed that you found the checkpoint so easily. We would have been more satisfied if you wandered round in the bush for fifteen minutes or so first. Probably about 50% of the teams found the control on their first pass.

So what were we thinking when we set the map? I have often done rogaines and thought, "Yes, it was a good rogaïne, but if I set it I would have". This was my first opportunity to set the ultimate rogaïne. We decided that we didn't want any obvious routes, so we spent a lot of time making routes as difficult to plan as possible. Points were firstly allocated to balance the map, secondly for a view checkpoints may have, and thirdly for the difficulty of access. In retrospect we were happy with the map, because teams went all over, with many different routes and all controls were visited.

We were disappointed that the winning teams only picked up half the controls. I guess we were a bit ambitious when we were setting, although we should have had a reasonable idea when we took so long setting them ourselves. We originally planned to put controls in the canyon in the north eastern corner of the map. However, every team of setters we sent down there came out two to three hours late, one team covered in leeches. It was very tempting to send all you rogainers down there, just so you could experience what we went through. But we were going to have to go down the canyon again to check the controls, and put out and pick up the flags. Not to mention facing angry rogainers as they came back to the hash house hours late. So we reluctantly



removed them. As it turned out we had more than enough controls anyway.

I must thank my girlfriend, Melonie, for taking care of the cooking. Initially I was planning to organize the cooking, but my organization went as far as picking a menu, then Melonie went about cooking it. When we were discussing the food budget I was paranoid that everyone was going to go hungry. As a consequence I had planned enough food for everyone to eat about three kilos each. Luckily Melonie was much more realistic and cut the budget to reasonable proportions. In retrospect, I reluctantly have to admit that she was right, and we did have lots of everything left. And it did taste great even though she was not sticking strictly to my recipe.

MANY THANKS - UPSIDE DOWN ROGAINE

by ALBIE and SHARON ARNOTT

We would like to take this opportunity to congratulate Andrew Wizniewski and all who assisted him in organizing and conducting the Inaugural Upside Down Rogaine. It was obvious that a lot of preparation and hard work went into the course planning and siting of controls. The course was both challenging and rewarding, offering diversity of route selection and point score.

The 1 am start was an excellent change from the norm and afforded an even greater diversification. We found this format a bonus in that we were more productive tackling the night element first, whilst we were still fresh, rather than later in the event when tiredness becomes a problem. Night navigation to us is a lot of fun and the successes seem greater than in the daylight; from the laughter and merriment we could hear resounding through the pines and gorges a lot of others found it likewise.

Our opinion, after the enjoyment this event gave us, is that we would like to see more of this type of varied start time, perhaps even a sunset to sunrise rogaïne. We will not miss the next Upside Down Rogaine, and we certainly recommend this type of event to everyone else. Well done all.

FOR SALE
\$20
Available from the
Administration desk
at each Rogaine

Cross-country
NAVIGATION

Rod Phillips
Neil Phillips
Graham Foley

INTERNATIONAL ROGAINE ASSOCIATION

FOR THE BEGINNER

- . Feature-based navigation
- . Choosing and following a route
- . En route surveillance
- . Compass techniques
- . Lost? How to recover
- . Night navigation

FOR THE ADVANCED NAVIGATOR

- . Navigation in special situations
 - desert
 - cliff country
 - snow
 - 4-wheel driving
 - rivers
 - swamps
- . Using the sun, moon and stars
- . Altimeters

The results of the Upside Down Rogaine and maps of the routes taken by four teams were included here in this newsletter.

The quality of the prints has not allowed them to be easily reproduced in a readable form.

LOST AND ALL ALONE

by TERRY GAINES

I took part in the Upside Down Rogaine on 27 February 1994 and was the one who managed to get lost for two hours near control #70.

Congratulations to Andrew Wizniewski and his team's organization of the event. It was extremely well planned, laid out and operated on the day. The catering and administration was also first grade. The amount of background work must have been quite immense to allow the actual event to run so well.

The night time start was most interesting, and surprisingly worthwhile. The night could not have been better, and we found navigation somewhat easier than I expected.

After sunrise the day continued to be excellent for walking and we were enjoying the course.

At around 11.00 am on Sunday, however, I learnt a few very basic lessons first-hand.

It seems that no matter how many times I was told about outdoor safety and the rules of bush walking and rogaining, some things were just taken too much for granted.

After reaching control #52 my partner, Dave Rose, and myself headed for control #27. We found the water drop on Gulp Road, then walked further down the road about 200m to turn inland to #27. We estimated the control would be about 50m in from the road, so we dropped our packs near the road and went bush. (MISTAKE #1)

We searched for the "creek" but could only find a wide watercourse, and no control. We continued to search in a northerly direction, but found nothing. I estimated we had gone in about 150m from Gulp Road.

We decided that the control must be further back towards the water drop, so David walked back up the watercourse while I went to pick up the packs and meet him at the water drop. (MISTAKE #2).

After separating I headed east to meet Gulp Road, but had not realised how far north we had moved, and ended up walking parallel to Gulp Road instead of meeting it.

I walked for about 300m into some reasonably heavy scrub before I realised I was going in the wrong direction. I should now have retraced my steps, but had become disorientated.

I had my map with me, but had left my compass, whistle, first aid kit and all but about 500ml of water in my pack. (MISTAKE #3).

I called out to my partner, but got no reply. I tried to find a bearing of some sort with the sun, but at around noon could not do this accurately. I decided to head for a high point to try and find a landmark, but could not pick any with certainty.

By now I had searched for about 30 minutes for any landmark or terrain I could recognize, but to no avail. I also started to worry about not getting back to the hash house before 1.00 pm.

I was well and truly lost somewhere in the 27/70/90 triangle, and panicked a little at being so stupid to be in this situation. I had about 250ml of water left, and was feeling pretty bad.

I followed several tracks and creeks, but they led to cliff edges, overlooking Johnstone's Creek. It was now about 12.30 pm.

I found a reasonable track which I followed until it disappeared at a creek. I followed this creek, which eventually came to control #70.

Now that I knew where I was, I tried going back up the creek to get back to Gulp Road. I left a message on the board at control #70 in case someone came looking for me. On four occasions I ended up following the wrong arm of the creek, which disappeared. I considered going straight up the hill towards the road but kept ending up at rock faces.

I now decided, at 1.00 pm, that the safest thing to do would be to go back to control #70 and wait for someone to come and collect the control (MISTAKE #4 - *We still have not picked up seven controls - ANDREW WIZNIEWSKI*). rather than get lost again trying to get out by myself. There were some stagnant water pools that I could use for water in an emergency at the control. I yelled out regularly for assistance.

About 30 minutes later, my partner, Dave, who had been searching up and down Gulp Road and the creeks in the area for the past two hours called out from above, and heard me reply. We met about 100m above #70, and walked out together.

I felt most embarrassed and miserable at having Dave search for me, as well as causing alarm with the Park Ranger and the rogaing organisers - who had already started preliminary search organisation.

I learnt a couple of very basic lessons on the weekend, that I will never forget:

1. NEVER SEPARATE FROM YOUR WALKING PARTNER OR GROUP.
2. CARRY A COMPASS, MAP, WATER and WHISTLE AT ALL TIMES.
3. DO NOT DROP PACKS, EVEN FOR A SHORT TIME.

I thank the rogaing organizers for being so helpful and vigilant in coping with my stupidity, and hope they allow me to take part in future rogaines.

My mate, Dave, wonders, however, if we did in fact win the "Upside Down Rogaine" with the top score of minus 500!!



UPSIDE DOWN ROGAINE - WINGELLO

by *TREVOR GOLLAN*

I teamed up with Warwick Marsden and Tom Denny to partake of an unusual rogaing experience ... feeling fresh at 3am. Tom, who works with Warwick, had been in a couple of Paddy Pallin rogaines so lacked night experience and Warwick, as usual, excused his lack of preparation and well-being. So we had no great intention of blitzing the course, rather a comfortable stroll until dawn then, assuming we felt good, meander back to the hash house by 10am or 11am.

The midnight start was deferred an hour by the organisers, to allow more daylight. In hindsight I think that was unnecessary. All people there were seeking the night-time experience and the compensatory daylight hour after noon was quite hot. Maps were released at 7.30pm, giving an amazing five and a half hours planning and plotting. Most people's planning included heads on pillows for two or three hours although quite a few arrived at about 11pm. The siren at 12.30am ensured we did not sleep through, even if we had wanted to.

It has happened once before to me (the 12-hour CATI in Tallaganda forest...the one where Mick Finn encountered all those leeches) but it still felt wrong when we started off on the road from the hash house and nobody else went the same way. Under an enormous moon, we walked the roads to #12, meandered the swamp a little near #41, in and out of #52's valley to the water stop. I had worn my raincoat at the start to keep warm but the hill out of #52 forced it to my backpack and a t-shirt was quite sufficient for the rest of the day.

Some lovely forest down into #27 then the start of the scratchy bush, on the spur towards #90 (cliff top - on point) an exquisite site perched on its narrow neck with valley and cliffs surrounding. We spent a good 15 minutes admiring. Then some difficult, thick bush in patches to #70. Tom was noticeably faster when we hit the hill up to the road.

The diabolical stuff was the approach to #25 and nearly all the transit to #43. The clearing shown on the map didn't eventuate so it took the rest of the night to finally reach #43. It had taken us about

two hours to get from the hash house to #90 but then three hours of hard work to reach #43. Perhaps the creek from #25 to #43 would have been better?

From there, though our legs were wearying, our progress was steady and navigation accurate. Another rest at the water stop near #21 where we encountered Steve Smith and Graham Payn for the first time. They had been doing similar exercises to us. Steve spurred us on with regular incitations on the intention sheets. We caught them again at #80 (more good views) and eventually passed them at #22. Great views from #91 and we started to encounter many more people, those who had done the anti-clockwise loop of the course via #100.

The hash house was beckoning by then. The ridge to the west carried the predictable, unmarked road where we found Julian Ledger in a geographically embarrassed predicament. We did the only honourable thing possible .. identified where he was and pointed him after Netta and Mamie. Used the next unmarked road into #40, then #13 and back to the pine forest for the female. #37 and #51 provided very easy points in the daylight, through the pines to #10 and the last short stroll to the hash house with about 30 minutes to spare.

A marked lack of animals, surprising given the large area of natural eucalypt bush. One boulder and a mopoke heard near #27, a satin bowerbird's bower between #22 and #91, some black cockatoos above Gap Road.

I appreciated the effort put into the course. Plenty of opportunity for novice and expert alike, ample route choice, friendly caterers and administration. They even carried our torches for us during the day.

It may have been presumptuous of the organisers to proclaim this the "inaugural" Upside-Down and provide a perpetual trophy, but I fully support the concept. It is an ideal time to bushwalk when summer is nigh and an ideal way to acquire night-navigation experience while your mind and body are still nimble.

IT'S CHAMPIONSHIP TIME AGAIN!

by *GRAEME COOPER*

The organizer/course setter from the north is this time working with an enthusiastic team of association members to bring you another classic 24 hour event. (Sorry, no hot showers this time!)

The hash house site is at a sheltered clearing in the forest with easy access along a flat road. You can camp beside the road or at the clearing on Friday, Saturday and Sunday nights.

We have a course already set that will provide a real challenge for those who are out to win. At the same time, for those who just want an easy walk, we have a large area of delightful semi-open grazing country very close to the hash house. The hash house is well placed to allow you to plan at least two major loops without disadvantage.

Considerable effort has been put into correcting the forest roads shown on the map. You can see a large part of the course just by following these, collecting some controls along the way with short excursions into the bush. To 'collect the lot' you will spend most of your time in eucalypt forest, a lot of which was burnt in the January



fires. This has cleared the undergrowth allowing easy walking among the fresh green regrowth. Pockets of rain forest are scattered over the whole area. They can always be skirted but can be interesting to enter as once through the thick fringe you enter a totally different world with little undergrowth and a thick canopy overhead.

The NSWRA will be running a bus to the event - cost \$30 from Sydney and \$20 from Newcastle. Leave your car at home and relax.

How Old Is Your Dolphin? *by*

TREVOR GOLLAN

The following notice, from the SMH 12 March 1994, made me go and check just how old my trusty Dolphin torch really is. (It's got 87 on its lens plate.) I know a lot of people have abandoned such bulky appendages in favour of the new-fangled head-wear. Rumour has it that Bert doesn't use any torch at all. Call me traditional, but I still prefer the robustness of the Dolphin. I can look my partner in the eye without blinding him/her. I can still wear my slouch hat at night to keep my scalp warm, the bush and rain out of my eyes. And I expect my torch to be strong and reliable by the year 2000.

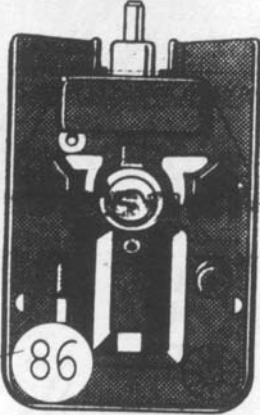
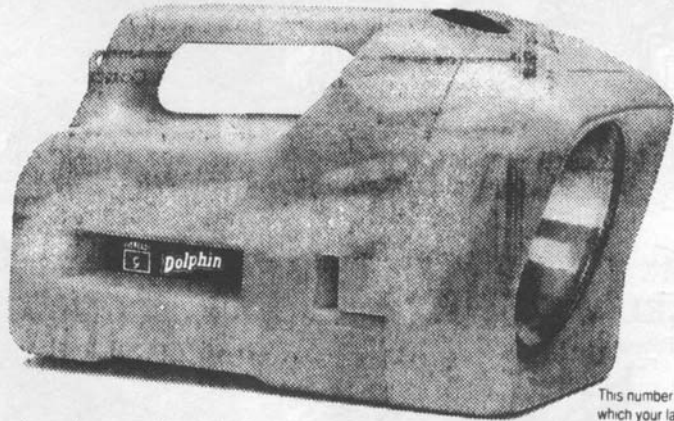
Torch stories: you hear horror stories about people blowing their bulbs, groping through darkness, but I have tended to avoid such hardships. On several occasions over the years I have had to squeeze the last watt from the last battery until the sun arrived.

Once Peter Watterson's batteries expired so we had to travel on just my light (*What only one!* - MARNIE). George Collin's had to do running repairs at Wambo, stretching the spring to make better contact. The most memorable experience was when my nephew dropped my Dolphin in a 1100ded torrent at the ACT event near Burrinjuck Dam in the late 1980s. We were balanced on a narrow log over the stream trying to reach the opposite bank through a thicket of ti-tree. The torch bobbed away with the current (just like the ad), but we managed to collect it in a lower pool and continue on our soggy way.

For other Dolphin-ites, perhaps you should check the lens plate and take Eveready up on their offer. And I wonder ... who amongst us has the oldest surviving rogaining Dolphin?

IMPORTANT NOTICE

Do you own a 7 year old Eveready® Dolphin® Lantern?



If you have an Eveready Dolphin Lantern that was made prior to July 1986, there is a slight chance that the lens could blow out due to the exceptional waterproof seal of the lantern.

To ensure that this doesn't happen, you'll need to install a new lens plate with safety features found in all subsequent models.

This number indicates the year in which your lantern was made.

Just check the date on the lens plate as shown, and if your Eveready Dolphin is pre 1987, call the Eveready hotline on 1800 633111 to register for a new plate, sent out to you free of charge.

So take care of your Eveready Dolphin and it'll treat you right for many years to come.

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-ATIS C4426

METROGAIN AGAIN

by ALAN MANSFIELD

The NSWRA will hold its second Metrogain on Sunday 10.4.94. This event will be held in the eastern suburbs of Sydney and I can certainly promise an abundance of great views as you visit some historical and interesting corners of Sydney. Come along for a long run or for a stroll (and do what rogainers are good at - eat your way around the course). Hope to see you there.



INTERNATIONAL NEWS

Extracts from *THE INTERNATIONAL ROGAINING BULLETIN No.2*



HAMMOND HILL, NEW YORK, USA
19 June 1993

More than a dozen Canadians and Americans from as far as Chicago, Washington and New Hampshire were among the 97 competitors in 48 teams who took part in the Hammond Hill Rogaine. 55 control points were scattered over Yellow Barn, Hammond Hill and Robinson Hollow State Forests in the 6, 12 or 24 hour event. A maximum score of 1800 points was possible for visiting all controls.

Two orienteers from the Hudson Valley area were the champions in the 24 hour event Joe Brautigam and Bernard Breton accumulated 1640 points. They had really been hoping to make it to all controls and came very close, covering about 80 kilometres of cross-country terrain in the process. They forgot to punch in at two 50 point controls along the way, and folded their map carelessly so that the northern most 60 point control did not show, and they did not realise that they had missed it until they were back at the finish line, with only 20 minutes left to go, and with the control a good 10 kms away.

TABLE MOUNTAIN, W A, USA
14-15 August 1993

The Table Mountain Rogaine was a 12/24 hour rogaine using a 1:36,000 scale map with 46 controls scattered over a 70 to 100 square kilometer area of the Wenatchee National Forest at Table Mountain, 30 kms north of Ellensburg WA.

The 1993 Table Mountain Rogaine, the First Western Hemisphere Championships of Rogaining (officially unsanctioned by the International Rogaining Federation) was attended by 75 competitors, with 32 official teams and 2 unofficial ones. The top teams in points achieved remarkable distances, climbs, and speeds, with the overall winner going about 82.45 km in 22.68 hours with 11,180 feet of climb. Many, many different route choices were made by the teams to all parts of the map, with every one of the 46 controls visited at least three times, with the average being 12 teams visiting each control.

RIMUTAKA, NEW ZEALAND
31 October 1993

This event was held in the Rimutaka Forest Park and was a 6 hour event using a 1:50,000 topographical map. The course consisted of 28 control points between Sunny Grove in Wainuiomata and the Orongorongo River mouth, including the 700m Mt McKerrow. The event centre was the Park Headquarters at Catchpool Stream. This was the fourth rogaine to be held in the Rimutaka Forest Park. Course setter, Michael Wood, said he was very pleased with the entries, which were up 70% from 1992. Michael has plans to build up the event to the classic 24 hour format.

The event was won by Colin Rolfe and Phillip Wood with a score of 598 out of a possible 1142. They arrived back at the finish with five seconds to spare!

In second place were orienteers Gerald Crawford and Alan Stowell with 546 points, and a mixed pair, Jenny Mason and Keith Morgan were third with 491. The first all-woman team was Annie Sanderson and Susan Basire in 8th place overall.

ENJOY THE CHALLENGE OF YOUR NEXT ROGAINE

Services

Surveying: Control surveys for natural resource and construction projects, Global Positioning System surveys and services. Project management, geodetic and mapping control surveys as well as survey control information.

Graphics: Design, planning, layout and proofing, electronic publishing (Macintosh and IBM), image scanning, camera contacts, dyelines, printing, bookbinding, planmounting and framing services are all provided for in-house and contract work.

Scanning and Digitising: collection of digital information from source data. Production of working copies from original documents.

Aerial Photography: State-wide Photographic coverage, photomosaics and special purpose aerial photography.

Thematic Mapping: Thematic maps for any purpose using the Centre's base mapping or Client-supplied base.

Image Processing: Digital image processing analysis, Landsat sales.

Information Systems: Advisory services in information management and systems development.



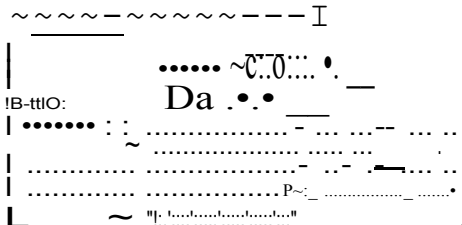
Products

- *Digital cadastral information for NSW
- *Digitally derived cadastral map products
- *Aerial photography coverage of NSW
- *Topographic maps covering NSW
- *Parish and county maps covering NSW
- *Orthophoto maps
- *Property maps
- *Touring maps
- *Tourist maps
- *Historic map reproductions
- *Geographic names gazetteer
- *NSW display map
- *Special publication including:
 - Official Road Directory of NSW
 - Map Reading Guide
 - Atlas of NSW
- *Special use maps including:
 - NSW base maps
 - Aboriginal map of NSW
 - Lord Howe Island Colour Photomap
 - NSW Local Government Areas map
 - Sydney CBD colour photomap
- *Survey information covering NSW

CONTACT



DEPARTMENT OF CONSERVATION
AND LAND MANAGEMENT



THE NEW SOUTH WALES GOVERNMENT
Putting people first by managing better.

1994 - EVENT CALENDAR

DATE	HOURS	EVENT	LOCATION	ORGANIZERS / HELPERS
10 APR 94	6 HOUR	METROGAINE	SYDNEY	ALAN MANSFIELD SET/ADMIN SONIA KUPINA SET/ADMIN GARETH PROSSER VET NEIL PROSSER VET BETTY CHEN CATERING
16 APR 94	12 HOUR			QLD ROGAINING ASSOC -- QLD --
16/17 APR 94	24 HOUR	ACT CHAMPS	BUNGENDORE	ACT ROGAINING ASSOC -- ACT--
17 APR 94	6 HOUR			VIC ROGAINING ASSOC -- VIC --
21/22 MAY 94	8/24 HOUR	NSW CHAMPS	NTH 0/ NEWCASTLE	GRAEME COOPER SET/VET/ADMIN IAN DEMPSEY SET/VET SIMON GEORGE SET/VET JO PARR SET/VET BILL PRIGRAM SET/VET WAL MILLS SET/VET VICKI COOPER CATERING ---- ? ---- CATERING HELP -?- CRECHE ~
21/22 MAY 94	24 HOUR	VIC CHAMPS		VIC ROGAINING ASSOC -- VIC --
18 JUN 94	6 HOUR			VIC ROGAINING ASSOC -- VIC --
19 JUN 94	6 HOUR	PADDY PAUIN	? WEST o/SYDNEY	WARWICK MARSDEN ADMIN JULIAN LEDGER ADMIN SUE CLARKE SET/VET JOHN LE CARPENTIER SET/VET 1ST WAITARA SCOUTS CATERING
17 JUL 94	?	METROGAINE		VIC ROGAINING ASSOC -- VIC --
20 AUG 94	6/12 HOUR	LAKE MACQUARIE	HUNTER VALLEY	BERT VAN NETTEN SET/VET ---- ? ---- SET/VET ---- ? ---- CATERING LUCY HANRATTY CATERING HELP ---- ? ---- CRECHE
20/21 AUG 94	24 HOUR	QLD CHAMPS		QLD ROGAINING ASSOC -- QLD --
20 AUG 94	?	SNOWGAINE		VIC ROGAINING ASSOC -- VIC -- ~
17 SEP 94	12 HOUR			ACT ROGAINING ASSOC -- ACT --
17/18 SEP 94	24 HOUR			VIC ROGAINING ASSOC -- VIC --
15/16 OCT 94	24 HOUR	AUST CHAMPS	SOUTH WEST NSW	PETER WATTERSON SET/VET TREVOR GOLLAN SET/VET GEOFF BAILEY SET/VET WARWICK MARSDEN ADMIN JOHN KEATS CATERING
22 OCT 94	6 HOUR			VIC ROGAINING ASSOC -- VIC --
12 NOV 94	12 HOUR			VIC ROGAINING ASSOC -- VIC --
26 NOV 94	8 HOUR	XMAS SOCIAL	SUTHERLAND SHIRE	GEORGE COLLINS SET/VET/ADMIN
			- WORONORA	MAURICE RIPLEY SET/VET/ADMIN

INTERSTATE CONTACTS

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