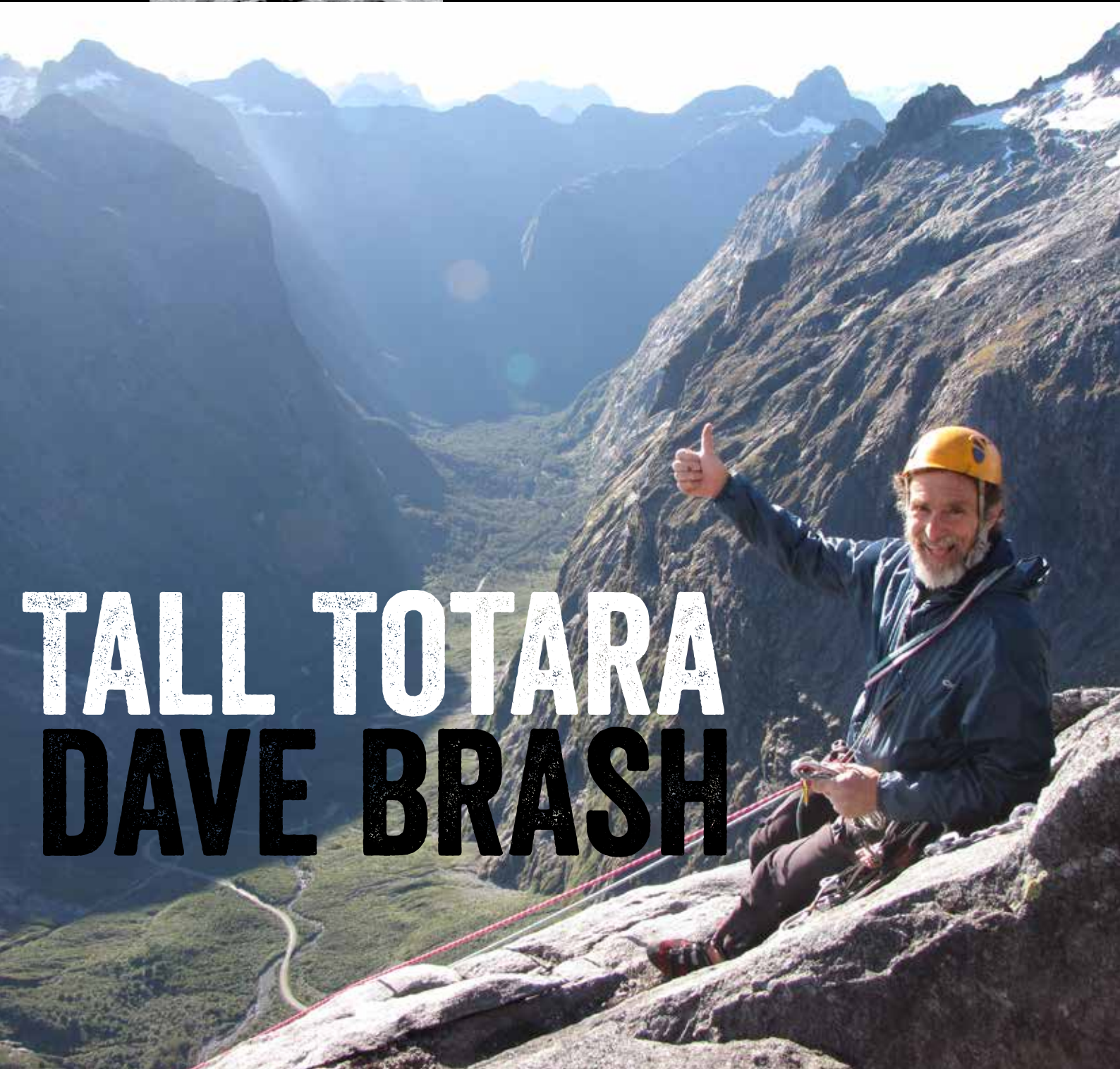


25
YEARS



NZOIA
Excellence in Outdoor Leadership



TALL TOTARA

DAVE BRASH

ISSUE 62: APRIL 2013

NEWSLETTER OF THE NEW ZEALAND OUTDOOR INSTRUCTORS ASSOCIATION



Tall Totara – Dave Brash

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Profile – Waka Ama

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NZOIA QUARTERLY

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Or send to: Programme and Membership Manager
PO Box 1620, Nelson 7040

Articles should be submitted in Word format. All photos must be supplied individually in jpg format and cannot be used if embedded in a Word document.

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Cover photo: Dave, enjoying climbing in the Darrens



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EMAIL COMMUNICATION WITH MEMBERS

Emails to members are one of the primary methods that NZOIA communicates with its members. All member emails are sent in the weekly NZOIA 4YA (every Friday) and include updates to the member only job board, spaces on assessments, refresher workshops and trainings, changes/updates to current initiatives/reviews within the outdoor industry, Executive updates and updates to the assessment, refresher and training calendars and requests for model students. Emails sent at other times will be specific to you.

If you are not receiving weekly emails every Friday from NZOIA, then we either don't have your current email address, or the email address in your membership account is incorrect.

PLEASE check the email address in your membership account, as email is the main method of regular communication with members. Alternatively, please contact the NZOIA office if you do not have a username and password for the 'Members only section' of the NZOIA website, and would like to be able to check your membership and revalidation details online.



ADVERTISE IN THE QUARTERLY

Please contact the Editor for prices. Email: editor@nzoia.org.nz

NZOIA gratefully acknowledges the financial support of the following organisations:

Member Organisation





Chairperson's Report

Kia ora everyone,

Frantic is one way to describe this time of the year! It's the season when outdoor programmes are in full swing, adventure tourism is still humming and all are about to leap into Easter for the last summer dash. No doubt you are all busy with long days in the field. At the same time there is a lot going on in the industry behind the scenes.

Funding

Now is a busy time with funding applications. We have submitted our application to Water Safety NZ and are in the process of re-applying for contestable funding with Sport NZ. We are extremely grateful to these funding sources.

Last financial year our turnover was \$517,000. Of this our external funding amounted to \$205,000 (from Sport NZ and WSNZ). Going forward this is the minimum level of external funding we require to maintain current operations and service. We ran a \$64,000 deficit last year and this was all covered by reserves.

This year our projected turnover is \$541,000 (it will actually be less than this as we're trying to save money) but our external income has been reduced to \$168,000 due to less funding from Water Safety NZ and the expected lower amount from Sport NZ. We have concluded our three year cycle of funding that was allocated to us from July 2010 and this, in part, accounts for our predicted deficit of around \$100,000.

NZOIA's predicted deficits have been planned in order to proceed with some strategic spending on projects that were long overdue. Our funders do not supply the association with money to squirrel away for rainy days, and so we have had to reduce our reserves. We were advised by several funding sources that reserves of a 3 month operating cost should be our target. Projects, such as the review of qualifications and web site redevelopment are some of the jobs that are nearly completed and account for this spending.

Partnerships

There is work being done behind the scenes towards to a better collaborative outcome with Skills Active. You will be aware of the changes that occurred in 2010 between the two organisations and we are both establishing common win/win grounds where we can continue to collaborate in the future.

TRoQ (Targeted Review of Qualifications)

The TRoQ process was initiated by the NZ Qualifications Authority (NZQA) for the Recreation, Sport and Fitness sector (which includes the outdoor sector). NZQA has been tasked by Government to review all qualifications offered on the NZQA Framework from Level 1-6. Note that this does NOT include NZOIA qualifications because these are not on the Framework. You would have all received an NZOIA 4Ya email outlining the TRoQ consultation that closes on the 25th March. It was important that we informed you of this process, and I hope that if you chose to give feedback that you also gained insights into what is changing with NZ Qualifications. NZOIA will be working hard to collate feedback as a national organization and consider further where it will position itself in regards to these developments.

I trust you are still managing to get in some personal adventures and enjoying the stunning summer we are still having. I look forward to seeing you all at the NZOIA Symposium at Outward Bound in October.

Regards,

Andy Thompson, Chairperson, NZOIA

Custom & Contract Courses

- NZOIA courses not being run at a suitable time or location?
- Want to get all your staff sorted when and where it suits you?
- Got a group of 3 or more people and a date / location in mind?

Whether it be training, assessment or revalidation we are happy to run a custom course for you. Contact the programme and membership manager to discuss your needs and we'll do our best to make it happen. Costs may vary from scheduled courses and minimum numbers of participants dependent on the course type will apply.

Email: admin@nzoia.org.nz Phone: 03 539 0509

Kayak Instructor Training – funding subsidies still available!

We still have funding available from Water Safety NZ to subsidise any sort of kayak, sea kayak, or canoe leader / instructor training or safety / rescue workshop. If you have a group of three or more people please get in touch ASAP and we'll endeavour to meet your needs. Courses may be run midweek or weekends.

Course costs: \$100 per person for a 1 day course, \$200 per person for a 2 day course. This is a 50% subsidy!



Chief Executive's Report

National Training Symposium 2013

Outward Bound are hosting the Symposium this year and it promises to be another interesting, informative and fun event; a chance to catch up with old friends and work-mates, and of course to make some new ones. The Symposium offers a range of refresher / revalidation course opportunities, plus training workshops. OB is a great venue with excellent facilities and resources plus its wonderful peaceful location in the Sounds. Highlight of this year's event will be our 25th Anniversary celebrations and awards dinner; sure to be an entertaining and fun evening. Registrations are now open so sign up and pay before 30 May to get the early bird rate. If you are interested in running a training workshop please get in touch with Penny at the office. More details and registration forms are on the website...hope to see you there.

Ministry of Business, Innovation and Employment implementation of the new Adventure Activity Regulations

We continue to work with the MBIE on the matter of how the regulations might affect individual members who are either self-employed and don't employ other instructors, or are available for casual employment outside of their main place of work, or who do some freelance outdoor instruction along with other work. It is of concern to note that within the paragliding sector, new regulations implemented by the Civil Aviation Authority with the associated high cost of safety plan audit, has led to a reduction in operators from 48 to 8. Basically the small part time operators simply cannot justify the high audit cost because they just don't have enough volume of work and income to justify it. This is a real concern because as the law currently stands individual NZOIA members in a similar position must similarly notify MBIE of their existence and work towards registration with MBIE through the audit process. NZOIA believes this is an unreasonable requirement, will continue to advocate on your behalf, and we will advise you as information comes to hand in terms of what to do.

Assessment Centres

With the recent signing of an agreement with AUT University we now have nine Assessment Centres established and offering NZOIA Leader and Level 1 qualifications alongside their internal certificates, diplomas and degrees. In the July to December period last year 197 certificates were presented to students through this scheme. This represents 100% growth over the previous year and a significant contribution to the students involved in terms of providing them with industry recognised NZOIA qualifications.

Free range Assessors

NZOIA has been working with assessors to establish the Free Range model of assessment. This is a strategy to reduce barriers to participation in the qualifications scheme at Leader Level, and enables assessors to operate assessments either in their own workplace or with their own clients, and simply report the results to NZOIA. Our developing online reporting and record keeping facility within the website will reduce our office administration and ensure consistent standards of reporting; and the overall process seeks to reduce the administratively cumbersome process of administering courses from the office. Uptake of the scheme has been slow to start so please note as members that you are able to organise leader level assessments either for yourself or your staff directly with an assessor. Contact the office if you need any assistance finding an assessor that can help.

What's coming up

With the departure of Dave Mangnall, Penny has taken over the syllabi review project and is currently working on the suite of Sea Kayak Qualifications. These will be followed by Canoe and Cave. Concurrently I'll be facilitating review of the Multisport Kayak qualification, River Safety and Rescue course syllabi in conjunction with White Water NZ, and development of a new avalanche training and qualification for Alpine 1. Members will have opportunity to be part of the consultation process for all these qualifications so do take advantage of this and make sure you contribute where you have expertise and interest.

There have been a number of accidents recently and most of you will have noticed the considerable media attention and public interest they have attracted. With the spectre of court proceedings and potential prosecution sadly before some of our members, it is perhaps timely to remind ourselves to reflect on these events, consider how we each might fare in similar circumstances, and review our own practice. It is wise at times like this to remind ourselves to act conservatively in our capacity as leaders, instructors and guides, to operate within the scope of our qualifications and training, and to ensure we each meet contemporary requirements around revalidation and currency.

Well it's been a tremendous summer weather wise and I hope this has been matched by similarly good adventures and buoyant business activity for you all.

Matt Cant, Chief Executive, NZOIA



Congratulations: Dave Brash

Tall Totara: Awarded to a current instructor who personifies 'excellence in outdoor instruction'. A highly respected role model, someone who has contributed significantly to outdoor education in New Zealand through both work with clients and with aspirant instructors.

Congratulations Dave Brash!!

As a young fella Dave's playground was the Taranaki coastline and mountains. His father Donald, during World War Two, had been captured in Syria and then held as a prisoner of war, first in Italy and later in Germany. Like many men returning from the atrocities of war, adventure was the last thing Donald yearned for. As a result Dave wasn't introduced to the outdoors through his family but through YMCA camps at the Meeting Of The Waters near New Plymouth. Dave speaks fondly of the adventures shared and the independence they were given as campers and later as helpers.

In the early 1970's Dave completed a degree in Physical Education at Preston Institute of Technology, Melbourne, and shortly after embarked on an overland adventure, hitchhiking from Malaysia to Europe. He has plenty of epic tales to tell from this journey such as night time escape missions from kidnappers, muggings, stowaway bus ride border crossings and serious illnesses. For a quiet man Dave can tell one captivating and hilarious story after another. He's always humble and has a superb ability to laugh at himself.

It wasn't until Dave was well into his thirties that he discovered his love of climbing. He was working for the Department of Lands and Survey in Wanaka, cutting the track up to the Rob Roy Glacier. He and friend Dave Carlyle shot a rope over the top of the tombstone with a bow and arrow and then proceeded to top rope climb up what's now known as 'The Crack'. The belayer stood on the other side of the boulder and hauled the rope over. It wasn't until they had to be lowered back down the climb that they considered the grim reality that the rope may well have slid off the side of the boulder and dropped the climber to their doom! Needless to say they both survived and the climbing bug was born.

Dave didn't learn his trade through a systematic and safe mentoring program like we're more used to today, he learnt by getting out and getting well amongst it! Many of Dave's early forays lead him to the Darran Mountains of Fiordland, a place he still returns to each summer. His first Darrans climb was a solo up the East Ridge of Sabre. Obviously inspired he returned with wife Robyn and again Dave Carlyle, this time in mid winter. Dave tells of Robyn being literally lifted off the ground and thrown over by the fierce winds, and of an epic abseil down to Lake South America after being unable to locate Gifford's Crack! This was merely the approach. They continued on to attempt the North Buttress of Sabre, turning back after what sounded like horrendously scary and miserable conditions. While the school of hard knocks and epic beatings is not generally recommended, Dave obviously had what it takes to not only survive these sagas but to learn from them and in doing so gain an incredible wealth of experience.

The epics have become rare these days but Dave's adventurous streak is irrepressible and his contribution to adventure climbing in New Zealand impressive. When it comes to new routes he's known in the Darrans but perhaps most notably, with Steve Carr, he developed a huge number of classic adventure climbs in the 'Shindig Gully' at Twin Stream and at Lovers Leap on the Otago Peninsula. The latter has

become dear to Dave's heart and a proving ground where he takes any prospective instructor to see how they'll cope with the ambience! Climbs such as "It Always Ends in Tears" and "Crying Time Again" are a loving reference to some of the adventures Dave and Robyn have shared at Lovers Leap. Robyn and daughter Cara joke that Dave has become such a patient and effective teacher because he's practiced with them as his guinea pigs!

After shifting to Dunedin in the mid 1980's Dave and Robyn bought the indoor climbing wall at the World Fitness Centre and over time he shifted from life as a builder to life as a climbing instructor. The climbing wall became a hub for the Dunedin climbing scene and many people of all climbing abilities enjoyed the social bouldering competitions that were organised. During this period Dave became involved with NZOIA. He claims to have fumbled his way desperately through a Rock One assessment by letting other candidates complete their assessment tasks and emulating what they did (NOT recommended). When the lease ran out on the World Fitness Centre and the wall was dismantled Dave worked hard to develop a new venue. Despite a huge effort this didn't eventuate and the holds, plywood and crash pads were sold off to local schools. Dave put a lot of work into helping several of these schools develop their own climbing walls. Those who climb at 'Room 14', Dunedin's indoor bouldering room, will also recognize the holds and plywood as coming from the World Gym days.

'Dunedin Rock', our local guidebook compiled by Dave in 2000 has pointed many climbers in the right direction around Dunedin's crags. More than just a guide, this publication contains a rich narrative of Dunedin's climbing history as well as Dave's legendary hand drawn topos. For those who climb in

Dunedin; those bolts you hang your life on have probably been placed by Dave, or if they're getting rusty they'll probably be replaced by him very shortly. If some rock is seeming loose and dodgy Dave will be the first out with the crow bar to clean it up and make it safe for others. Anyone who has climbed in Dunedin will appreciate this is no small job!

Locally he's involved with many primary, intermediate and high schools. Very few Dunedin kids will not have crossed paths with Dave at some stage by the time they finish school. They



Dave sharing local knowledge with Sharon Nicholas.

may have bouldered at Logan Park, top roped at Long Beach, learnt to lead climb or multi pitch at Port Chalmers, abseiled off Karitane Rock, completed a gorge expedition at Waianakarua, or learnt to trad climb at Mihiwaka. Wherever they were and whatever their age, they experienced an energetic and patient Dave. Along with their school teachers, they've spoken of his ability to make them feel safe and to communicate with clarity. Schools' loyalty to Dave speaks volumes of the quality experience he has given students over such a long time period.

Recently when Dave was about to depart into the Darrans he told me how just that morning he'd had such a fun session working with young kids on a holiday program at the Logan Park indoor wall. This is quintessential Dave, stoked on 6m high indoor top roping session with 7 year olds, and stoked to be heading to some multi pitch alpine rock adventures. He is a diverse character and put simply, he just loves climbing.

Well beyond the local Dunedin scene Dave has for many years taught as a contractor with Aoraki Polytechnic and other tertiary education institutes. He's become an iconic figure and is often known as "Brashy". Students warm to his energy and they benefit from the simplicity which he brings to his instructing. Dave is fussy about what matters, but happy to discard what doesn't. Dave is laid back, yet meticulous with detail when that's what's required. Dave has a fantastic manner with students but can be brutally frank when someone steps out of line. People know where they stand with Dave and that gives them confidence.

Dave has taught courses for the Alpine Club and has more recently become an NZOIA assessor. While avoiding this role for many years Dave's mind was changed as he began to see the influence he can have in this role. He's motivated to share his ideas and to see the standard of rock instruction continually raised. He's been pleasantly surprised by how much he's enjoyed it. Certainly anyone lucky enough to have him as their assessor will learn huge amounts and have their assessment nerves eased by his friendliness and kind manner. Dave is an extremely reflective practitioner and I think this is significant

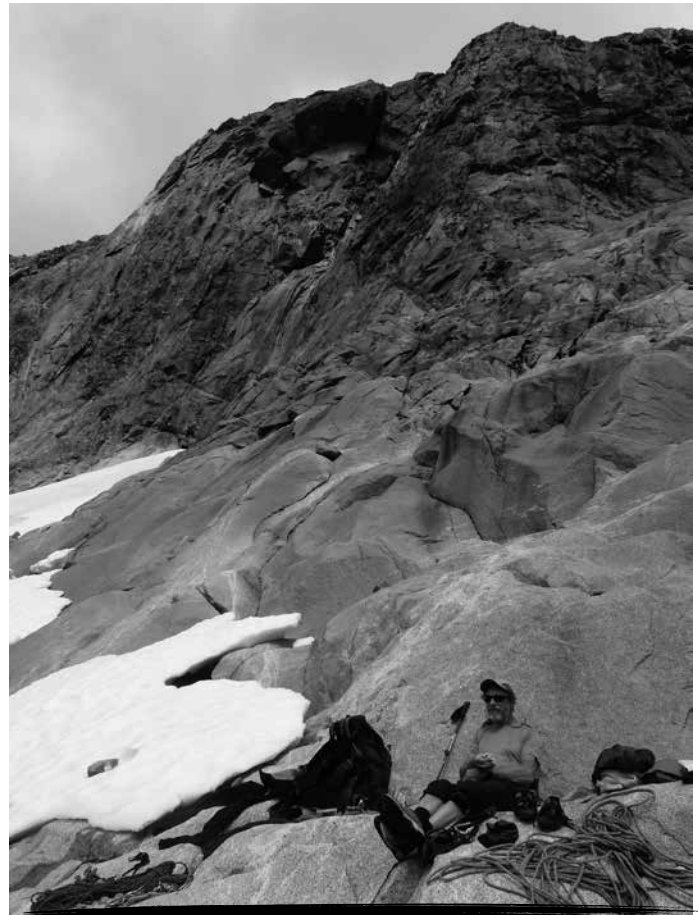


Dave managing ropes at Sebastepol Bluffs.

in his success as an instructor. I admire Dave's ability and willingness to give students independence as they prove they are capable and reliable. I'm sure many instructors would agree this is one of the hardest skills to develop. Dave really values giving students a genuine adventure and encouraging them to be responsible for their decision making.

The Brash household is a place of welcome, a stopping place for many visiting instructors and climbers. If you're passing by don't expect a quick visit. Along with Robyn, and kids Kara and Callum, Dave always gives a genuinely warm welcome, a bed to crash on, a meal and a beer, a loan of any outdoor gear, and energetic conversation and laughter. I enjoy that Dave can talk about things other than rock climbing. While he could sit and chat climbing talk, he also enjoys delving into politics, religion, history, and his family. Upon returning from a trip to Europe in 2011 he's recounted as much about the incredible war history and European cultures as the amazing climbing experiences in the Dolomites. He's an avid reader and is interested in so many things. Not long ago after a quick solo ascent of Aspiring Dave had to dash across the Bonar, racing a storm. He confessed later that he would have had plenty of time had he not become engrossed in a gripping novel that he just had to finish before he could leave Colin Todd hut!

Dave is a talented and effective communicator, so generous, energetic, hospitable, entertaining, reflective, honest and experienced. He has been these things to so many people over such a long time period, I cannot think of a more deserving recipient of the Tall Totara award. Dave joked that this article seemed like a eulogy, fortunately for all of us that while retirement may not be far away Dave is very much alive and well and continuing the fine form that has earned him the Tall Totara Award.



Dave taking a break in the Darrans.

Ollie Yeoman has been an intermediate school teacher for the last two years and just completed registration. He holds Rock 2 and Kayak 1 and currently contract instructing and relief school teaching before heading cycle touring in Central Asia with wife Anna for the remainder of 2013!

Ollie Yeoman

*** Congratulations ***

Congratulations to the following members who recently gained NZOIA Qualifications:

Alpine 1	Sarah Cate
Abseil Leader	Emma Easter, David Moseley, Matthew Adams-Richardson
Bush Walking Leader	Harvey Aughton, Benjamin Searle, Scott Parfitt, David Moseley, Nicholas Amyes, Wally Ropati
Bush 1	Martyn Sinkinson, Richard Kersel, James Maxim, Christy McKessar, Vicky Brown, Eamonn Lowe, Sarah English, John Valentine
Bush 2	Chris Prudden, Gregg Beisly, Karen Corcoran
Cave 1	Lee Giles, Damian Firth
Kayak Leader	Gareth Yates, Benjamin Searle, Scott Parfitt, David Moseley, Anne Bilton, Ellie Mackwood, Ben MacKay, Brendan McCarthy, Kerry McMillan
Kayak 2	Jessica Matheson, Hayden Titchener
Rock Climbing Leader	Angela Boyson, Oliver Reid, David Moseley, Nicholas Amyes, April Crawford, William McIndoe, Daniel Sullivan, Jawid Ikhtari, Jayne Boulton, Mark Pilbrow, Rosey Joyce, Mitchell Pannett, Samuel James, Sidney Warwick
Rock 1	Shane Hepi, Selwyn Herewini, Emma Easter
Rock 2	Nicholas Harvey, Francis Main, Nick Hanafin, Sean Ellis
Sea Kayak Leader	David Moseley, Kim Van Kempen, Matt Weir, Sally Heaphy, Luke Wilson, Lucas Holmes
Sea Kayak Guide	Sarah Poepjes, Richard Escanilla

INCIDENT REPORT – HELPING OTHERS LEARN FROM YOUR EXPERIENCE

Accident at Diamond Lake – Wanaka 22/01/13

We had a student on the NZAC Youth Climbing Camp in Wanaka, take a lead fall low down on Ex-Squeeze Me on the Diamond Wall. Unfortunately she caught the rope on the way down and landed on a ledge on the outside of her right leg. We lowered her to the ground and made her comfortable. My first impression was that she may have broken her femur but lack of swelling suggested it was bad bruising. We considered arranging the group to perform the rescue but as moving her was painful we called for the Wanaka rescue team. (Ironically we had taken the students there on a visit the previous evening).

They arrived along with two paramedics (in street shoes!) who splinted the leg as a precaution and then we all helped the rescue team carry her to a vehicle. In hospital an X-ray confirmed that there was a small crack in her femur just above the knee.

We'd been aware of the ledge higher on this climb and had put an anchor well below it. We'd anticipated the ledge she'd hit by extending the clip a metre. She had clipped the extender and was in the process of clipping the draw on the bolt when she fell off. With the combination of the extra slack in hand and the geometry of the rock there was enough rope to hit the ledge before the load came fully on the belayer. The belayer was not at fault.

John H informed the parents of the accident and all of us kept the press at bay.

We visited the student and her parents on the Thursday evening to talk to them about what happened. Her parents accepted what happened as a risk of the sport.

Afterwards the course carried on with no problems and the student is cheerful, well on the way to recovery and keen to climb again.

The learning for us was:

1. **that no matter how careful you think that you have been, accidents still happen.**
2. **that when a gentle sloping slab leads to the first bolt there is more rope out than one anticipates.**
3. **always treat injuries with caution and if possible use the local rescue teams.**
4. **having said that, be prepared to watch what the rescue team do and offer advice when you think fit.**
5. **keep your group with you as they will most likely be needed for a stretcher carry**
6. **go and see the parents (caregivers) as soon as it is convenient for them.**

John Entwisle and John Hammond

Note from the editor: Thank you to John Entwisle and John Hammond for sharing this story. Thank you also to the people involved for agreeing to this account being published. Incidents happen to all of us and it is so important to reflect on them and share them with others as a tool for learning. We want to develop a sharing, learning culture rather than a blame culture. If you've had an incident that others can learn from, we'd love to hear from you.

NZOIA QUALIFICATIONS REVALIDATION

Book early so we can plan ahead and so you get a place on a workshop.

Alternatives to attending a Refresher Workshop

- Overseas or heading overseas for an extended period? Your qualifications can be shelved for up to 5 years from the date gained or last revalidated.
- Work with or know an assessor in the relevant discipline who can sign you off? Talk to them directly. This can occur every second three year cycle.
- Attend a NZOIA Training Course for a higher qualification.
- Work as a trainer for NZOIA? You are automatically revalidated for the qualifications one level higher than we employ you to train others in.
- Work as an assessor for NZOIA? You are automatically revalidated for the qualifications one level higher than we employ you to assess in.

Check out the booklet: 'A Guide to NZOIA Qualification's Revalidation and Registration March 2012', for detailed information. This can be found on our website: www.nzoia.org.nz

Members can check the date(s) by which they need to attend refresher workshops for their qualifications by logging into the members only section of the website and viewing the qualification record.

Visit the FAQ page on the website to find out how to log in to your profile and check when your revalidations are due.

Board Member Profile: Ali Tocker



Ali Tocker, Director, Tocker Associates Ltd

BA, Psychology, Dip Teaching, M Educ, MHRINZ

Ali is the Director of Tocker Associates Limited and has worked as a change manager and consultant for the last 17 years. Her areas of expertise include strategic change, business planning, team development, communication skills and individual skills coaching. Ali is a contractor to a number of training and development organisations both in New Zealand and overseas. She has worked with a variety of public sector, local government and private sector clients in all aspects of organisational development. She has a thorough understanding of business and brings a very practical approach to her work.

Ali's previous roles have included Managing Director of Performance Consulting Group, consultant with McCann Lane Limited, Managing Director of McCallum Petterson Training Limited, Branch Services Director of the Institute of Chartered Accountants, and Education Director of the Bankers Institute of New Zealand. She has also run two successful businesses.

Ali comes to the NZOIA board having led management development and strategic leadership programmes for the New Zealand College of Management, Outward Bound, Victoria University, The Leadership Development Centre and other public sector organisations. Ali has worked with Sport NZ and a number of other sporting organisations over the past five years, and is looking forward to making a contribution to the future of the NZOIA.

Ali has a lifelong interest in the outdoors and travel. She has skied, walked, cycled and camped throughout Aotearoa, the Pacific and Europe, with recent trips skiing in Japan and walking through parts of Vietnam.

Ali is based in Wellington and the Kapiti Coast.



NZOIA NATIONAL TRAINING Symposium 2013

Thursday 31st October - 3rd November 2013 at Outward Bound Anakiwa, Marlborough



- Your opportunity to train, up-skill and revalidate any NZOIA qualifications
- Inspirational speakers and trainers
- Meet other instructors and connect with your industry
- Options for attendance – see registration form
- Combines with the NZOIA AGM
- The call is out for guest speakers and training workshop facilitators for the Symposium – could this be you?
- Stay up to date: go to Symposium on the noticeboard at www.nzoia.org.nz
- All enquiries contact: admin@nzoia.org.nz



Visit us on Facebook: search for: Training Symposium NZOIA

REGISTRATION FORMS AND EARLYBIRD TICKETS AVAILABLE FROM 1 FEBRUARY 2013

Outward Bound

Water Safety
NEW ZEALAND



25 YEARS NZOIA
Excellence in Outdoor Leadership



TOOLS OF THE TRADE

Fires and knives – two pretty topical subjects over the years, in respect to their use by student groups in NZ’s great outdoors. Times change along with attitudes and accepted best practice. I have been involved in the outdoors my whole life thanks to parents who were passionate about taking their kids out tramping and hunting. I have been working in outdoor education since 1991 and totally believe in its ability to inspire, motivate, educate and engage people of all walks of life.

I’m not that old (greying hair gives it away) so seemingly not that long ago when I was a young lad, there were several givens when going ‘bush’. For one; every boy had a knife – some had a little pocket knife and others had a real one – a sheath knife, the envy of all! Gas cookers were around but most of the time fires were used. Blackened billies wrapped in a sack, matches in film canisters, Japara parkas in cold rain...mmm, best forget those memories! Today, on many school outdoor camps, Gore-tex, high performance stoves and wickedly awesome thermal mats are pretty standard. Knives and fires are noticeably absent.

I’m writing this to share some of my thoughts about the use of knives in the outdoors and how this could relate to you as the instructor in charge. Knives (and fires) may now play an insignificant part in many outdoor programmes but this new norm is not necessarily right.

I think that as an instructor working in the bush environment, you need to have certain default skills that you can fall back to when it ‘hits the fan.’ The more remote or off track you operate, the more your own ability should reflect this.

Think about early NZ explorers, deer cullers or any person that has ever spent any time in a remote bush environment. I take a lot of inspiration from these people; they had it tough. When things are hard now, I just think of them and what they would have had to endure. They didn’t have much but resilience, resourcefulness and the skills to survive for extended periods. A solid knife was an essential item; a small axe often carried; and the ability to light a fire in almost any weather standard. At the end of the day, being able to light a fire in the rain and to build a shelter are important skills to have.

On my early hunting trips my 21st birthday present sheath knife was ever present, until I started to get weight and versatility conscious. Then a few other knives had their moment before settling into an 18 year relationship (and still going strong) with my locking Swiss army knife. It is amazing; looks cool, good blade length, wood saw, can opener and not too expensive. On most trips it is the ultimate knife.

However on many outings it is the jack of all trades but master of none. There are a number of programs and trips that I am involved with now where the focus is using simple proven techniques for travel, camping and cooking. They are similar to being on a survival type exercise where fire, shelter and food become top priorities. For years I’ve compromised effectiveness and efficiency for weight and convenience but no longer! I may decide to be a bit cold at night with a light bag or take a fly instead of a tent, but the big knife and folding saw come on most trips now.

Why? The heavy knife is awesome for battering wood to get a fire started, it can sharpen 50mm hardwood poles better than an axe, can take an absolute beating (literally!) and can still slice my tomatoes. It lives in the pocket sleeve on the side of my pack where it's tucked in beside my folding saw. I once raved about the saw on my Swiss army knife, but it's all relative... compared to a nail file it's awesome! When the chips are down and you need to build a shelter as fast as you can and light that fire with wet hunks of wood then you don't regret having good tools of the trade.

The knife I'm using at present was found while out biking, a heavy, pig hunters special. It does look a bit like a Rambo Special Ops knife, but I'm over that now – functionality is everything. I have used cheap garden pruning saws but now use a Silky Pocket Boy. Mate it's like the name suggests; silky smooth and fast. Way fast. The best saw I've ever used.

Knives and their use in the outdoors can be very limited these days. Many schools prohibit their presence on trips while in other groups they are just something to help prepare the evening meal. Balancing up client group, program demands, whose land you are on and just being environmentally sensitive can all point to limited opportunities to go outside these norms. I also believe that there is so much to gain from keeping traditions, methods and skills alive, and by ditching some of the 'modern' tools and practices and keeping it simple. This may not be for everyone but if in your world there is scope for doing things a bit differently, and you want to increase your own and others ability to use traditional methods then do it! Find someone who knows their stuff. Learn safe use, care and how to sharpen. There is a time and a place for everything.



Left: Mark Rayward using Rambo style knife and brute force to break a split a piece of gum.

Far left: Knives – from top to bottom: Silky "Pocketboy" saw, Swiss Army knife, Carbon steel indestructible Military knife, Heavy duty rambo style knife.

Mark Rayward

Note from the Editor: Alistair Burns and Steve Onyett ran two workshops at the NZOIA Symposium focusing on knife and fire skills. These were very popular; those who attended spoke excitedly of what they had learned and how they will use it. I think this is a reflection of the renewed interest in traditional bushcraft skills and the value they can add to programmes. We'd love to have an article in the next Quarterly outlining how instructors are practically incorporating traditional methods into their courses. If you've got an activity or two that work for you, using tools, fires or other methods, write it down and send it in, I'd love to hear from you!

LEAD EXPEDITIONS OVERSEAS

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This could be you!!

Board Member Profile: Gill Wratt



I have been around the outdoors since growing up as a farm kid near Motueka, and going for bush walks as a family. This evolved into overnight trips with my Dad, and school tramps with a couple of keen teachers at Motueka High School. University days brought an involvement with the University tramping and kayak clubs, and subsequently climbing, kayaking, caving, wind surfing, ski-touring and mountain biking trips in New Zealand and other parts of the world. Highlights include – rock climbing in Yosemite, the UK and Europe; NZ women's white water slalom champion in 1987; kayaking in Sikkim; windsurfing in Maui; mountain biking the Tour de Mont Blanc track; ship-based expedition work in Antarctica and the Shackleton crossing of South Georgia; climbing Mt Cook.

To fund my outdoors enthusiasm, I worked in DSIR (the government science organisation pre 1992). My DSIR work, a trip to the Antarctic as a field assistant in the mid 1980s, and an MBA, led to the role of Director of the New Zealand Antarctic Programme and Chief Executive of Antarctica New Zealand from 1992-2002. Since then I've worked for the Ministry for the Environment, been CEO at Cawthron Institute in Nelson, and on the boards of a range of other organisations. I'm now on the Environmental Protection Authority (EPA) Board, Chair of the Nelson Tasman Cycle Trail Trust and a Trustee of the Janszoon

Project – an ecological restoration project in Abel Tasman National Park.

When I picked up the phone to a query from Jo Parsons – NZOIA was looking for some external people to come on the organisation's Board, it was definitely food for thought. I tested the water with a few of those in the know at Graham Charles' wedding, and with my partner Don McFadzien; ex Director at Castle Hill Outdoor Centre and NZOIA member.

It is a challenging time for NZOIA with a number of players in the sector and a tight funding environment. I trust my combination of management, governance and outdoor skills will help ensure NZOIA positions itself to be recognised as the association that provides NZ outdoor professionals, their clients and the NZ public with a world class suite of qualifications and a registration process with an ongoing assurance of quality and safety.





Waka Ama (outrigger canoeing) is the fastest growing sport in New Zealand! It captures the spirit of people of all ages and backgrounds. It encompasses a variety of skills and experiences in lakes and coastal waters. Waka with outriggers (ama) can be paddled solo, double and in teams of four or six. Two waka, with their ama removed can be lashed together for a team of 12. Each person has their own role within the boat with the paddler at the back in control of steering. Sailing waka can have an extra outrigger which makes for exciting times travelling with the wind!

The canoes were originally used, by early Polynesians, for travelling across the open ocean and riding the swells between islands. Nowadays sprint racing on flat water has become popular with many countries competing against each other in huge regattas. New Zealand hosted a World Sprint Regatta a few years back on Lake Karapiro near Cambridge. This event helped increase the popularity of waka ama to what it is today.

Sprinting in wakas is done over a distance of 500 or 1500 metres with turns at every 250 metres around a buoy or flag. It is really exciting to watch or even better, to be a part of the action. The National Sprints for singles, six and twelve person canoes are held every January on Lake Karapiro, a fantastic event with five days of exciting heats, semis and finals.

Many schools are putting together teams and training for races and events. This has valuable outcomes such as working as one team, disciplined training to a programme, fitness and a heap of fun! The aim for many is to compete in the secondary schools championships in the North Island. The South Island sprint event is held in Christchurch every December and as the numbers to this event grow we hope to hold more sprint regattas in the south.

There are many clubs around the country, with both competitive and social elements. Outdoor programmes and schools are using waka, often under the guidance of a club. Athletes are paddling for cross training as it builds up core strength quickly. It is for everyone.

Go to www.wakaama.co.nz to search for a club near you.

Claire Sykes

member of the Motueka waka ama club based at Kaitehi in the Abel Tasman

I use waka ama with our students for team work, discipline, paddle technique, embedding Tikanga Maori, respect, fitness, strength and of course, some fishing.

I have been to events where there are 3 generations of one family all competing. Waka ama is for everyone and you can find it world-wide. There are waka clubs from the top of the North Island to as far south as Invercargill. Don't be afraid to approach a club and give it a go. Or... at the 2013 NZOIA symposium, at Anakiwa, join us for a workshop and try it for yourself!

Todd Jago – Adventure Tourism tutor, Nelson Marlborough Institute of Technology (NMIT)



TURNING THE TIDE

King Canute tried to use his almighty powers to turn the tide but he found he was not powerful enough despite being the sovereign of a considerable chunk of the known world. However, I would like to start a movement that has the potential to turn the tide of understanding and questions the information we give out when we are teaching the next generation about tides.

Picture this... I had kayaked out to a deserted island on a warm summer evening. I had just stealthily pitched my tent under the overhanging Pohutakawa branches on the last remaining strip of sand between the cliff and the high water mark. I had arranged my tent door to face east to catch the dawn over the water. Having finished my simple chores I sat back in my thermarest chair to watch the last light fade across the water and also to check that the sea, which was just about lapping at my guy ropes, had in fact reached its high water mark and wouldn't bother me again until morning. It stopped coming in and I relaxed. Then a beautiful event happened in the fading light but one that disturbed me to the very core. A beam of golden light started to extend across the water straight towards me and as the yellow orb of the full moon slowly crept its way over the horizon I was struck by the majesty of the simple things in life... but hang on a minute.... It was high tide... and the moon was rising... a full 90 degrees to the tide. Now I had been a good student and studied how the environment that I work and recreate in works and this just didn't fit.

The theory that most of us are taught in schools and colleges, or can read about in the popular press is that the moon pulls a bulge of water towards it and when the sun and moon are in line, like this evening, they work together and form a bigger spring tide. The elegant theories go on with the aid of gravitational forces acting on the earth itself and centres of combined mass to account for a second bulge of water on the opposite side of the earth. It seemed so blatantly wrong... the evidence was right in front of me and it just didn't seem to fit with the theory. I had a situation where the moon and sun were in line but the tidal bulge was 90 degrees out, it would be 6 hours till the moon was overhead and then it would be low tide...ummmmm.... So lots of pondering and questioning of the cosmos and my epistemological make up. During this I also realized that in 3 hours time it would be high tide on the west coast a mere 100 km away across the land, the point on the earths surface where the moon is over head would have travelled 3000km in this time... this didn't seem to tie up either. What made matters worse was that when I looked at the tide charts and plotted the pattern of spring and neap tides for Napier there was only one spring tide bulge every month aligned with the timing of the new moon, whereas on the west coast, Port Taranaki has 2 spring tides each month one aligned with the new moon and one with the full moon, the theory didn't account for this either.

So what is happening around New Zealand?

The tide in New Zealand does not in fact come as a long low tidal wave across the Pacific from the east following the moons path but instead, a tidal wave with one peak and one trough travels round New Zealand in an anticlockwise direction at a speed of 300 kph, taking roughly 12 hours 20 minutes to complete one circuit. This wave is truly massive, when its peak is at Bluff the trough is at Cape Reinga. There is a really good animation of this wave on the NIWA website at: <http://www.niwa.co.nz/gallery/m2mov-m2moviegif-0>

This wave is known as a captive Kelvin wave. If we take a big picture look at the Pacific we find we are not alone, the ocean has multiple cells of rotational waves, with some areas having little or no tide (amphidromes) and others like New Zealand enjoying a three metre wave that runs round in circles sometimes with an island in the middle and sometimes not. Now, if anywhere on earth is more likely to experience a wave that fits with the popular tidal theory, New Zealand is it. The vast

expanse of the Pacific Ocean covering about half the globe out to our east with little or no interfering landmasses to confound the movement of water, ought to produce the standard pattern of tidal waves, but it doesn't! Further investigation also reveals that most of the world only has one high tide per 24 hours, throwing into question the received wisdom that the high tide forms when the moon is overhead and when it is at the opposite side of the earth.

Now don't get me wrong I am not saying the moon and the sun do not provide the energy for the tides we experience, but the way that they act upon the water on the surface of our lovely little planet is quite different from that which most of us have been told and understand. I think much of the misinformation about tides has come from Western Europe where the tide does appear to travel as a wave from the Atlantic and the popular myth seems to fit with the reality they experience, except that the tide comes from the west and not the east but why quibble over minor details like that?? Indeed for those of us who live in Bluff, ok so it's not that many, the theory works... High tide is aligned with the overhead moon and low tide with moon rise and moon set... except that the wave travels from West to East, against the direction of travel of the moon across the earth, so its just a coincidence... lucky Bluff! Furthermore our Australian neighbours can exist in a state of ignorant bliss as, just by chance, the co-tidal line (a line joining all places of the same tidal phase) extends parallel to most of the east coast of Australia (the bit where most of them live) meaning that they all have a similar time of high tide all the way up the coast. This again fits with the theory but the mechanics are quite different.

So how does it really work?

Well it is no more complicated than the bogus explanations, which puzzles me why the wrong information is perpetuated. If we take a hypothetical bathtub full of water and we bob our little yellow duck in the water in a metronomic regular fashion, we will set up a pattern of waves on the surface of the water. Now if we continue for long enough this pattern will settle down to a regular and ultimately predictable pattern so long as we maintain the absolute regularity of our bobbing. This pattern will also increase in amplitude (size) just like a child's swing that given a regular nudge gets higher and higher. It is one of those laws of physics that a swing (pendulum) given a little regular nudge will continue to swing at the same rate, that's why they are used to keep time in old grandfather clocks. If there were lots of pendulums all going at different times when we gave our nudge only the ones that were going away from us and swinging in time with our consistently timed nudges would increase their swing, while others would be cancelled out or stopped. So it is with the water on the earth, the moon and to some extent the sun give the water a little daily nudge and has been doing so in absolute regularity for the past few billion years, this has set up a series of large, regular

and predicable waves, the other waves that were going in the wrong direction or that are out of time with the daily nudges have not been amplified and propagated. This also means that if you vaporized the sun and moon (don't try this at home) the tides would continue, just like the child's swing when you stop pushing it, but would over quite some time slowly reduce in height and fade out. Now the only complication to this is that the earth is spinning and so the coriolis effect (the same one that makes water spin down the plug hole and air spin as it rises to form cyclones and tornadoes) causes these patterns of waves to curve and ultimately spin. In the southern hemisphere the spin ought to be in a clockwise motion, so how does New Zealand end up with a anticlockwise wave? Well, this can be explained by the fact that the wave New Zealand experiences does not in fact have its true centre on New Zealand but rather that we experience the western edge of a rotational wave centred to the south east of us and as this is refracted across the top of the country the wave is picked up by the south east edge of a rotation centred in the coral sea to the north west of us. This is further pushed along Fiordland and our southern shores by a rotation centred on Tasmania, to be picked up by the rotation out to our south east yet again. For those of you who are mechanically minded imagine three gigantic driven cogs with an idler cog centred on New Zealand, the idler cog has a counter rotation to the driven cogs. This may well explain the differences of tidal pattern for the east and west coast, because they are actually generated from differing sources.

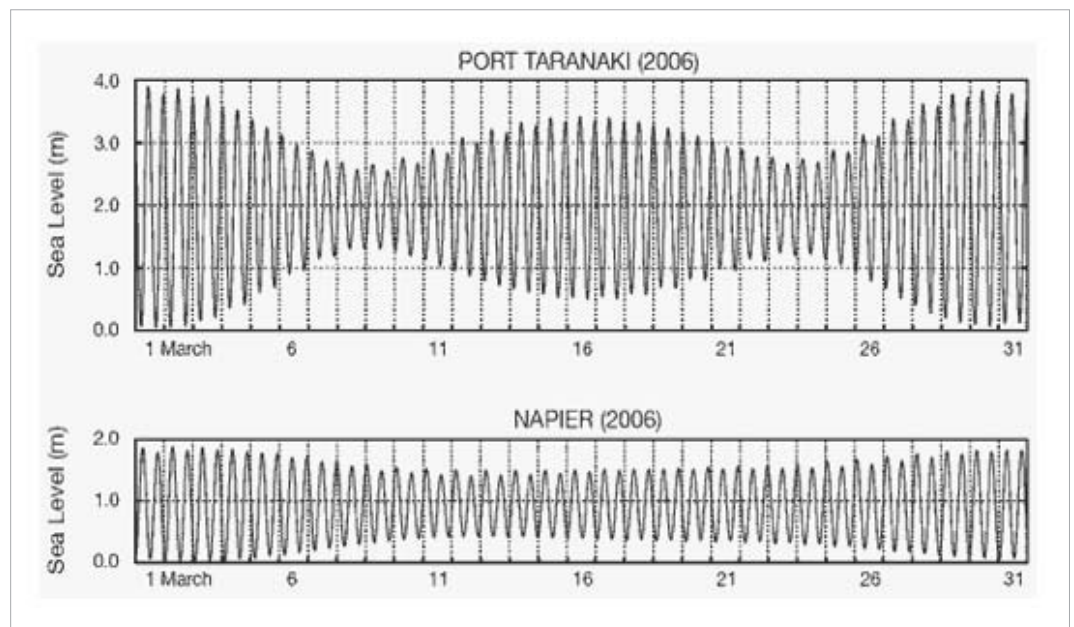
As you can see the reality is not so hard to understand.

Oh, and by the way, the dawn was beautiful as I shared it with a little blue penguin standing on the shore as mesmerized as I was. I wonder whether he was pondering turning the tide like King Canute?

Further reading

If this subject has you hooked, get a copy of "The rise and fall of Cook Strait" by Michael Whitfield Foster, it is available from the author.

Matt Barker



North Island, west and east coast spring tide pattern.

STAYING IN THE LOOP

THE IMPORTANCE OF TEACHER INVOLVEMENT IN THE ABL JOURNEY



I have been facilitating Adventure Based Learning (ABL) programmes for 17 years, mostly working alone. I frequently get to see a different side of the students, a side I believe teachers often do not see in class. Until recently, when a school has asked, "Do you need teacher help?" I generally politely declined the offer. Not now though!

Over the last two years I have been working with a secondary school running ABL programmes for their year 11, 12 and 13 life skills class. As with many ABL programmes, the journey I run includes a variety of outdoor pursuits such as: rock climbing, co-operative games, problem solving activities, tramping and gorge walking. Lynda Carter, the teacher has attended each day of the ABL journey. Having Lynda involved has added value to the process at so many levels.

Being a part of the programme provided Lynda with a real insight into what the students were capable of and to observe the gains they made. In class, after the outdoor experience Lynda often found the students more engaged and more supportive and tolerant of each other. Having been on the journey with them she understands why.

Student Reflections: Day 2 off track tramp and gorge walk

Student A: "I was scared of the water and not making it, but at the end I accomplished it and it was an experience I will never forget".

What did you learn?

Student B: "I learnt to trust the class, I learnt to have faith in myself and I learnt how to abseil".

What challenged you?

Student C: "Being in nature all the time, being in the water and huge big bugs".



Teacher Reflections:

Lynda felt that student ability and pecking order shifted enormously in the outdoors. Students' appreciation of each other and of her as a teacher also shifted. For example, one of the least academic students excelled. In class she was often disruptive and avoided making speeches or completing any concrete work. On the low ropes course this student was driven, confident and pro-active in a way Lynda had never seen before. The student was seen as a valued member of the team providing support for others rather the other way around. What I as the instructor perceived merely as a good contribution, was actually a significant improvement in this student's attitude.

Lynda felt the brightest student in the class who was not physically strong, had to learn to depend on others, which for her was fascinating to watch. I was not aware of this dynamic.

Observing the students in the outdoors adjusted how Lynda sees them in class. She is acutely aware of everyone having a place and a limitation but she now has insights into their other skills and strengths. This has altered her teaching approach. For example student A was seen as disruptive in class but through the outdoor experience Lynda was able to engage with her, encouraging her to use verbal communication more appropriately.

Student B contributed very little in class. Lynda saw her ability and growing confidence as a leader in the outdoors which can now be transferred into the classroom. Student C was very self-focused in class, however during the ABL activities she showed a kind generous nature. Back in the classroom she now makes more of an effort to work alongside her peers and be part of the team.

Lynda saw bravery from students where she did not expect to and reflected upon the struggle students have with confidence and image at school. This was not the case in the outdoor environment. "Image cannot be covered up with false layers, you are left on your own merits, you are not valued for your clothing, respect is gained from trying and effort, and unlike school it is not about winning".



Students like to know someone has noticed them, they feel valued knowing the teacher has seen them achieve something. Taking photos to show in class later gave them a sense of achievement and purpose. Photos are also a very useful teaching tool and point of reflection. The students were asked how they could apply what they had learnt to all their classes and to life in general. They were able to find practical examples and recognise the importance of team work in all areas of their life.

One of the key steps in the experiential learning cycle is the transfer of learning. The teacher is the vital link in this chain. Lynda noted the students usually do not make the links unless it is spelled out to them in class. Having the teacher involved provides the opportunity to not only transfer learning but to prolong the teaching in a wide range of important areas, such as health and fitness, environmental studies, leadership and teamwork strategies right through to topics such as confidence for managing bullying.

I believe it is our job as outdoor instructors to encourage teachers to be involved. When they are involved the transfer is much more likely to occur. As outdoor instructors we should encourage teachers to participate and provide an environment where the teacher feels they are important to the process.

Thank you to Lynda Carter for her contribution to this article.

Joel Hirsh

Recreation Tutor at Wellington Institute of Technology

Assessment Calendar

The assessment calendar is now published only on the NZOIA website: <http://www.nzoia.org.nz/component/course/?view=courses=>

You will be informed by email each time it is updated. In addition we will inform you of any unscheduled assessment events that have spare places.

Assessment Fees

Bush Walking Leader	Abseil Leader	\$545	
Kayak Leader	Rock Climbing Leader		
Cave 1	Rock 1		
Canoe 1			
Bush 1 + Bush 2	Rock 2	\$730	
Alpine 1	SKOANZ Sea Kayak Guide		
Cave 2	Sea Kayak 2		
Kayak 1	Kayak 2		
Sea Kayak 1 Upgrade	\$290	Alpine 2	\$930

BOOKING FOR AN NZOIA ASSESSMENT

1. Complete the pre-requisites as detailed in the syllabus – all available on the website.
2. Submit an application by going to nzoia.org.nz, log in as a member, go to the Course Calendar and select the course you want to apply for. Upload your logbook, summary sheet and first aid certificate to your application.
3. Applications close SIX weeks before the assessment date.
4. Places are allocated on a 'first-in (with fully completed application and fees), first-accepted' basis.
5. After the closing date we will confirm that the assessment will run.
6. If we cancel the course we will refund all fees.
7. Refunds are generally not provided where a candidate withdraws after the six week closing date irrespective of the reason (see website for full details of refund policy).

Assessments by special arrangement

It is possible to run assessments on other dates. If you have three motivated candidates, contact the Programme and Membership Manager. If we can get an assessor for the requested dates then we can run a special assessment for you. We need a minimum of 3 months lead in time and costs may vary from scheduled courses. **Email: admin@nzoia.org.nz Phone: 03 539 0509**

<http://www.nzoia.org.nz/component/course/?view=courses=>

Training Calendar

The training calendar is now published only on the NZOIA website:

<http://www.nzoia.org.nz/component/course/?view=courses&filter.coursetype=3>

You will be informed by email each time it is updated. In addition we will inform you of any unscheduled training events that have spare places.

Training Course Costs

All courses run by NZOIA are discounted for members. This includes full, associate and student members.

If you are not already a member, it is probably worth joining to access discounted training.

All water based courses including kayak, canoe and sea kayak are supported with Water Safety NZ funding:

Course Duration	NZOIA members	Non - members
1 day courses	\$100	\$200
2 day courses	200	\$400

All other courses including bush, alpine, rock and cave:

Course Duration	NZOIA members	Non - members
1 day courses	\$200	\$315
2 day courses	\$400	\$515

Further information

Details of courses run by NZOIA, pre-requisites and online payment are all available on our website.

Who are the courses for?

Instructor training courses are designed for people who have already developed their personal skills in a particular activity, have begun leading and instructing others under supervision, and who wish to train and qualify with NZOIA as instructors. Your technical skills should be close to the standard expected on assessment (see individual qualification syllabuses on the website). The instructor training course, while generally following the qualification syllabus, will be tailored by your trainer to meet the specific needs of the group to ensure everyone gets best value. It will provide you with new skills and knowledge and assist you to identify any gaps that you will need to fill before successful assessment.

Training courses by special arrangement

It is possible to run training on other dates, either by special request or if sufficient participants and trainers are available. We are happy to run courses at any level, at other locations or in your workplace; and will be pleased to discuss your individual or organisational needs. Please contact the Programme and Membership Manager to register your interest. **Email: admin@nzoia.org.nz Phone: 03 539 0509**

<http://www.nzoia.org.nz/component/course/?view=courses&filter.coursetype=3>

IMPORTANT NOTICE: Ideally there should be a period of several months between training and assessment. This allows you time to work on any gaps that have been highlighted by the training course. It is NZOIA policy that you cannot be trained and assessed by the same person within a one month period. Because of this, booking training and assessment within a one month period is not recommended and may lead to disappointment.

Please plan ahead to allow for this as NZOIA is unable to confirm who will be a trainer or assessor until after the application closing date.

Applying for a training course: To apply for *any* course, go to www.nzoia.org.nz, log in as a member, go to the Calendar and select the course you want to apply for. If you are not a member and would like to apply you can download application forms from: <http://www.nzoia.org.nz/2011-09-30-02-57-22/training>.

Applications must be received by the closing date. Places on Training Courses are allocated on a 'first in (with completed application and course fee) first accepted' basis.

Course cancellation: If minimum numbers are not achieved the course may be cancelled and a full refund given. You will be advised of this soon after the closing date for applications.



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PLANTING THE SEEDS OF ADVENTURE



Photos supplied by Waka Ama

Photo contributions are welcomed for the back page series 'Planting the Seeds of Adventure'. Please submit as files of no less than 700 KB in jpg format.

