



C.D.A.A. Newsletter
No. 137 - SEPTEMBER 2016



THIS ISSUE...

- 2016 AGM & Symposium Itinerary and Guest Speakers
- Cenote Diving in Mexico
- Australia's First Lady of Scuba

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CAVE DIVERS ASSOCIATION OF AUSTRALIA

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GUIDELINES is a newsletter of the Cave Divers Association of Australia. All articles for the following issue are to be sent to the Publications Director, Email: publications@cavedivers.com.au

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Policy Type: Affinity Combined General & Products Liability Policy - LIU-CAS-AEAL-14-01
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Hello,

This is the final issue before AGM 2016 and normally a ballot paper would be included for postal voting. However, for these elections only three nominations were received for Director positions. As each nominee stood unopposed they have been successfully elected into their positions which will take effect from AGM 2016.

In this issue are details about the CDAA Members Symposium and AGM, scheduled for Saturday 22nd October 2016 at the Main Corner, Mt. Gambier. This year we have two keynote speakers – Don Shirley and Andre Shirley as well as plenty of local speakers. This year the AGM will be held in the middle of the day at 1.30pm – so don't miss out if you were expecting it at the end of the day.

Also this issue Leon Rademeyer writes about the water level being raised at Piccanninnie Ponds as part of the RAMSAR rehabilitation & wetland species protection. Skanda Coffield-Feith takes us on a tour of Cenote Cavern Diving in Mexico and our editor – Dave Bryant – interviewed Australia's first lady of scuba diving.

There are also new gear reviews from Scubapro, Hollis and Halcyon.

Happy and safe diving,
Hope to see you at AGM 2016

*Rowan Stevens #3177 | Publications and Records Director
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NATIONAL COMMITTEE UPDATE

SEPTEMBER 2016

Over the last quarter there has been quite a lot of activity happening to help prepare for an update to our business plan and road map for the future. Many of these items were discussed at our State meetings, with the National Committee gaining valuable insight as to the direction the CDAA should be taking. Note: the outcome of the State meetings can be found in the document library under the folder 'Meetings – State' of our website.

The interesting part about running State meetings is knowing that every opinion is correct and every view can lead to a different outcome. The advantage in having these meetings face to face is allowing people the opportunity for members to express their views and then finding common ground. And with common ground, we can lay the foundation on which to build.

While not every member could attend the State meetings, the number of members who did turn up, gave us a cross section of views and opinions. And with a good mixture of gender, age, cave diving experience and length of membership, the views were balanced and representative of the membership as a whole.

On the day to day business side of things, our accounts are now being managed through the Xero on-line accounting solution. This makes the accounts much easier for all Directors to obtain up

to date information and make informed decisions. Deb Williams, our new book keeper has been doing a great job in helping us get this up and running. It's the basic hygiene in financial management that helps ensure we remain financially strong.

A short while ago, you will have received an email from John Dalla-Zuanna updating you on what happening regarding access to several sites. If you did not get this email, perhaps we don't have a current email account for you. To find out, login to our website and check your personal contact details under 'Member Services ... / My Membership / Update My Details'.

For many, the really good news is that we have several sites we hope to have reopened before the year has ended. This includes sites at all levels from Sinkhole to Advanced Cave. For many, the question is always around Barnoolut, and the answer is still the same – we have chatted and the appetite to allow cave divers on the property has not changed.

Possibly the biggest thing that's happening will be the changes to our training programs. To this end we will be moving back to allowing people to go from cavern direct to cave training (something more inline with International standards). We will also be introducing vertical access training separate from our dive courses, recognising respected

cave diving instructors from abroad to teach CDAA programs and introducing workshops or training modules for topics not currently covers, such as scooters, remote emergency first aid etc.

Finally, at this year's AGM, three Directors are stepping down from their current roles – Peter Horak, Linda Claridge and John Dalla-Zuanna. However, John has stood for the role of Standards Director. And, as mentioned to you in previous updates, I also will be standing down at the end of my term next year.

As an Association, we rely on volunteers and I remain amazed that we still get people that point, criticise and demand instead of saying things 'I would like to see' or 'how can I help'. Fortunately, these people are the noisy minority, but to help offset their noise, please give all our volunteers, be

they a Site Access Officer or a Director, your thanks next time you speak or write to them.

May your drysuit remain wet on the outside.

John Vanderleest

On Behalf of the National Committee



John Vanderleest,
National Director



John Dalla-Zuanna,
Site Director



Peter Horak,
Business Director



Rowan Stevens,
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Linda Claridge,
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CDAA Members Symposium

Saturday 22nd October 2016

~ Agenda 2016 ~

This year the members' symposium will have a number of local speakers presenting on their exploration, mapping, research and training as well as our two keynote speakers, Don Shirley and Andre Shirley.

The venue, the Main Corner, is conveniently located in the centre of town at 1 Bay Road, Mount Gambier.

The symposium will be held in the Dress Circle commencing at 9:15am.

The Annual General Meeting will commence at 1:30pm, and complete no later than 2:30pm.

Followed by Drinks and Canapes at 7:30pm
Note that there will be no symposium activities on the Sunday, freeing up members to Dive!

For any questions, please contact Peter Horak (Business Director)
at business@cavedivers.com.au or +61 403 349 122

CDAA Annual General Meeting and Members Symposium

~ Itinerary ~

Time	Speaker	Topic
9:30am	National Committee	Welcome from the National Committee
9:45am	Andre Shirley	Welcome to Komati Springs
10:45am	Morning Tea Break	
11:15am	Don Shirley	The Dave Shaw Story
12:45pm	Lunch Break	
1:30pm	CDAA AGM chaired by the Public Officer	CDAA AGM 2016 Refer AGM Agenda published separately
2:30pm	Afternoon Tea Break	
2:45pm	Tim Muscat	Sidemount Set up & configuration. How to set up your side mount system correctly - Harness Setup and types - Bungee systems, Tank types, rigging and setup, Regulator configuration and hose routing.
3:30pm	Tim Payne	Nullabor – High Plains Exploration and Mapping.
4:15pm	Afternoon Tea Break	
4:30pm	Ken Smith	Pingers, Thumpers & Cloggers – Cave Surveying Techniques
5:15pm	Don & Andre Shirley	Dragons Breath and other caves in Namibia
6:15pm	National Committee	Symposium Wrap Up
6:30pm	Day function wrapped up	
7:30pm	Drinks and Canapes	

AGM Door Prizes:

This year, we have been lucky enough to secure sponsorship from Halcyon, Hollis, Scubapro, as well as from our local friends at TFM Engineering and Tecdivers.

CDAA Members Symposium

Saturday 22nd October 2016

~ Guest Speaker ~

Don Shirley - Biography

Don Shirley has been involved in diving for 42 years - 21 of which conducting technical training. He is an Instructor Trainer for IANTD and DAN Examiner, a PADI Master Scuba Diver Trainer and DSAT Technical Instructor.

He started his diving in the United Kingdom in 1974 as a recreational diver while he was a young soldier (serving 22 years, as an electronics engineer in the Royal Electrical and Mechanical Engineers). Diving was his primary sport and as a Sub Aqua Diving Supervisor, he organised and led many diving expeditions to all types of areas – from Oasis to Ice, Tropical to Sub Antarctic. This he carried on - his most famous expedition being the Boesmangat trip in January 2005.

Don loves living in an underwater world where the surface is not an option; he specialises in trimix, rebreathers, cave diving, in water recompression, and making diving safer with the best use of techniques available. He is more comfortable in water than on the surface, and has been called a technical diving evangelist. *"I believe that technical diving opens an new world for all divers that want it, and through this I aim to promote personal development, knowledge and skill sets in an environment of controlled risk "* sums up what Don is all about.

In 1997 Don emigrated to South Africa and since then has been teaching technical diving on a full time basis. He and André are the IANTD Licensee's for Southern Africa, and are based in the middle of a Big 5 game reserve. He can play in his own 186 m deep cave dive site (Komati Springs) any time he likes. The closest neighbours are 20km's away and that is part of what drew him to South Africa. Other areas of interest comprises of a love to travel, a quest for fitness and writing for South African dive magazines.



CDAA Members Symposium

Saturday 22nd October 2016

~ Guest Speaker ~

Andre Shirley - Biography

Andre Shirley was born in Zambia but grew up in the small town of Sasolburg, South Africa.

She spent 12 years working as a computer programmer in Johannesburg. She decided she needed more excitement and challenges and started diving in 1993 (nobody warned her it was addictive). She soon gave up programming to go into diving full time, co-owning a dive shop in Pretoria (a drop in pay, but a great lifestyle). When she got to the top of the recreational ranks (diving and instructing), she started technical diving in 1998, mainly rebreather, cave, and trimix.

In 2000 she seduced Don Shirley (though Don remembers it the other way round) and went into partnership with (took over) the already established IANTD Licensee for Southern Africa. This involved moving from a city to a nature reserve with dive site - Komati Springs.

Happily she swapped city traffic jams for ones caused by game crossing the road (elephant, giraffe, buck etc.) Andre's diving business takes up all her time, but she enjoys nature, camping, hiking, caving and cave rope climbing. Travel is high on the list of things to do as well.

She confesses that she is an acquired taste (like olives); thankfully Don enjoys the fire of her South African spirit. She is considered an expert in interspecies communication (helps as they are our only neighbours), and tolerates (barely) the human varieties.



Komati Springs, Don and Andre's home dive site

Water Level Rasied

By LEON RADEMEYER

THE water level of the iconic Piccaninnie Ponds wetland reserve near Port MacDonnell has been raised in the interest of conserving its 60 threatened or endangered plant and animal species. In doing so, parts of the original wetland, which have not been under water for more than a century, have been flooded. "We have increased the overall water level by about 12cm to 3.5m above sea level in March, extending the total area of the wetland by between 10 and 15ha," National Resources South East wetland ecologist Steve Clarke told The Border Watch.

"The latest increase has its roots in a decision taken in the early 1970s to restore the wetland after its water level reached an all-time low in 1968. "More recently, in 2006, the first stage of a strategic plan was implemented to raise the wetland's water level closer to the level prior to it being drained. "Levies were constructed to retain water and the water level was elevated by 12cm."

Mr Clarke said a second phase saw the water level rise by around 20cm in 2013, expanding the wetland to over 180ha.

"The whole project is about habitat re-creation for the plant, fish and bird species in the area," he said. "A secure habitat is needed for these species to thrive, as is evident in the 175 bird species that have been recorded in the park. "This wonderful diversity of birds has excited

many visiting bird watchers over the past few years."

One of the bird species - the Australasian Bittern - is considered internationally endangered. Nationally, the Orange-bellied Parrot and Bright-eyed Brown butterfly are two critically endangered species.

Also listed as endangered are the Spiny Freshwater Crayfish and Maroon Leek-orchid. Piccaninnie Ponds hosts the largest population of Leek-orchid in South Australia.

Many of the plant species found in the park are rare, including the Grass Daisy, Leafy Twig Rush, Slender Mint and River Buttercup.

Of special interest is a small species of fish which lives in the fresh water of the ponds, but migrates each year to the sea, where it breeds.

This fish, the Common Jollytail, is one of seven fish species found in the ponds that make similar saline to freshwater journeys each year. To aid in this process, conservation staff have constructed a stream connecting the ocean and a freshwater pond, complete with resting pools for fish as they journey upstream to their breeding grounds. Mr Clarke said Piccaninnie Ponds was part of the Ramsar Convention on Wetlands, which provides a framework for international cooperation and national action regarding the

conservation of wetlands and their resources. As such, the wetland provides a sustainable environment for people, animals and plants which is perfect for tourism.

"An example is snorkelling and scuba diving, which are two of the wetland's main attractions," Mr Clarke said.

"People can enjoy the environment without harming it." Renowned for its crystal-clear

water, Piccaninnie Ponds remains a national and international attraction for scuba divers. It holds many treasures for divers accredited with the Cave Divers Association of Australia (CDAA), including The Cathedral - a deep cavern featuring spectacular white limestone walls. Another feature is The Chasm, which ultimately drops to below a depth of 100m.



JOLLY GOOD FLOW: A stream links the sea and a number of freshwater ponds in the Piccaninnie Ponds Conservation Park. Conservation staff have constructed this linkage specifically for the Common Jollytail and other fish species that live in the fresh water of the ponds, but migrate to the sea each year to breed.

The author at Piccs



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Cenote Cavern Diving in Mexico

By Skanda Coffield-Feith

I love diving – the peacefulness of floating through the liquid environment, the steady flow of breath as I explore a whole new world many people never get to experience. I am lucky to have a partner who is an experienced and skilled diver.

However, she has no interest in this side of the sport, diving in dark lifeless underground caves and suffers through cave diving videos that are my attempts to interest her. Having no interest in taking a cavern course, but wanting to be able to share some dives while on holiday in Mexico (rather than me just going off cave diving) she agreed to do a 'cavern experience' dive.

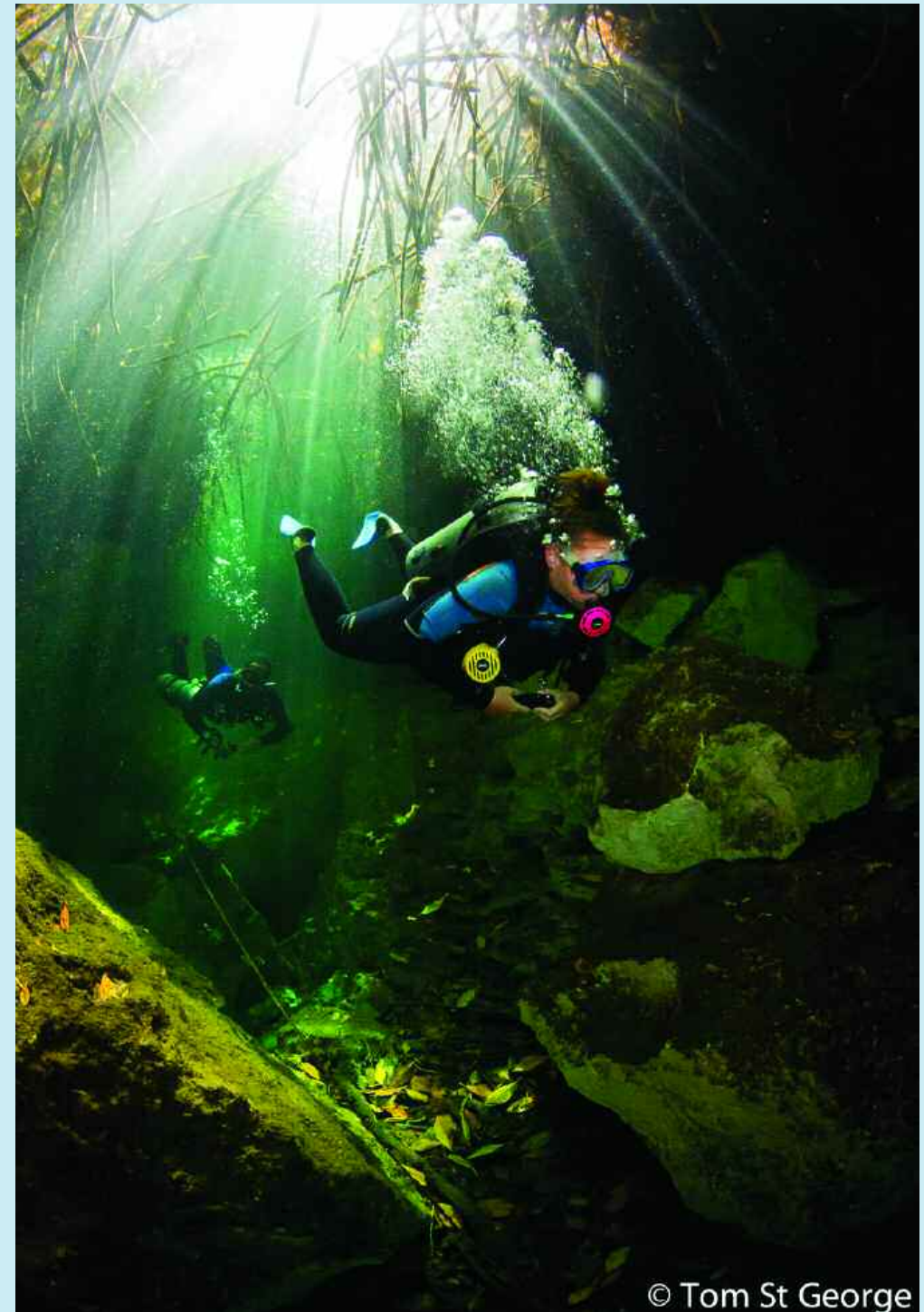
While Mexico's caves are justly famous for the sheer number, length and variety, the cavern areas are equally interesting. In the Mexican state of Quintana Roo, many dive shops offer a 'cavern experience' dive for divers who would like to dive in the accessible cavern areas of cenotes, but don't want to take a cavern diving course. These dives are open to any certified diver (although

some shops require divers to be advanced open water certified). They are conducted only in the 'cavern zone' of cenotes, where sunlight reaches. They are highly popular with divers, who after doing a dive on the Mesoamerican reefs are curious to see what the incredible water filled cenotes are. or have visited them and want to explore deeper The guides who lead these dives



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are highly trained– at least a Divemaster or Instructor and a Full Cave Diver - and very experienced divers. The guides know the caverns that they take divers to, and are equipped with full cave diving equipment. Guides take a maximum of 4 divers along with them.

Before beginning each dive, guides present a thorough briefing of the dive site. These generally include a history of the cenote, an explanation on how cenotes are formed, safety, including the rule of thirds, number of light sources and the rule that any diver can cancel the dive at any time for any reason. Conditions in the various cenotes differ, so the particular conditions of the cenote being dived are thoroughly discussed (for example, halocline or flow). The cavern dives in Mexico are clearly marked with thick gold guideline. In their briefings, guides stress the importance of divers staying within arms reach of the guideline – both for safety (as an unbroken line to open water) and as a form of conservation to protect the cavern environment.

When I dived with my partner, , we were lucky enough to do two fantastic dives in very different cenotes – Cenote Manatee and Dos Ojos. First up was Cenote Manatee (or Casa Cenote) the ocean exit for the water flowing through the Sac

Actun Cave system. It is an interesting mix of mangrove, open water, and overhead environments. This dive was a particularly special one, with beams of light coming down through gaps in the mangroves, forming a curtain of light beams at the cavern entrance, and the sheer number of fish living in the mangrove roots. We were also lucky enough to see birds diving through the water to hunt fish.

Dos Ojos, or Two Eyes in Spanish, was our next site. It's name comes from the two huge karst windows that are the access for the Dos Ojos System. This was much more of an introduction to what cave diving in Mexico is like with impressive formations, huge stalactites and magical light rays coming through the water. It was a kind of visual overload with so much to take it all around us as we swam through the cavern, and even features a sacrificial offering in the form of a barbie doll that can be found along the route. Both were very enjoyable dives thanks to Kim Davidson from Protec Tulum and photographer Tom St George. My partner enjoyed the experience and it was a nice way to spend some quality time together underwater. A great experience, unique in many ways that I would highly recommend to all divers.



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Australia's First Lady of Scuba Diving

Interview By Dave Bryant

They say there is six degrees of separation in the world, so how does one person just happen to run in to one of the first people to scuba dive in Australia. I didn't search for her on the internet, nor did I call my 80 year old dive buddy Bill Silvester in Byron Bay. What I just happened to do was sit beside three 80 year-old ladies in a cafe in Ballina, northern NSW and eve's drop on their conversation about how wonderful the diving memorabilia was at a recent Birthday party. That's how my pure chance meeting with Vivienne Ryan came about. She agreed to an interview and after viewing her vast albums of memorabilia I also investigated records of the earliest divers in the 1950's, and came to the conclusion that Vivienne is in fact Australia's first lady of scuba diving.

While listening to Vivienne chat to her two friends about her early days of diving I sat and thought, is she re-living a friends stories or a letter sent to her by a friend who dived in the 1970's perhaps. Either way it all sounded too good to be true and I just had to butt in and ask her, was she really a scuba diver?

After I mentioned I too was a diver, Vivienne started telling me about her early days in the 1950's before dive shops existed and training was done with a Naval instructor. Scuba gear cost a years wages and an air fill was a precious commodity which allowed the early explorers to drive great distances just to look for shipwrecks and catch a crayfish for dinner.

After our initial meeting I told Vivienne I would very much like to interview her and write a story of her early days. Upon arrival at her on-site apartment in the local caravan park I was presented with albums full of old paper cuttings, pictures of her in early scuba gear, in fact Vivienne was a cover girl in more ways than one. She was the first lady of scuba, or at least it seemed so, and in what was a cold-water area of Australia.

By 1956 no more than a dozen ladies participated in scuba diving, which was considered mostly a man's pastime. Vivienne joined forces in a dive club where over the next two decades she was the only female member. She recalls diving hundreds of times on some of our better known

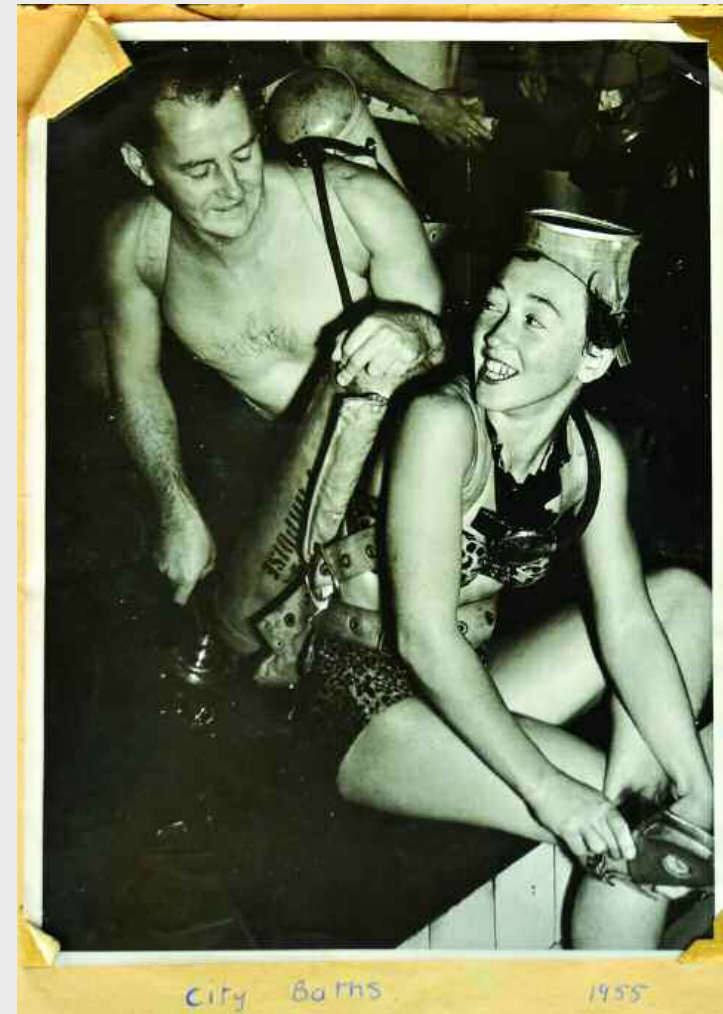
coastal Victorian shipwrecks. She told me she was a keen wreck diver but there is so much more to tell me as well.

I asked Vivienne some very simple questions and what I got back were fluent answers with a vast knowledge of her early days, her instructor, where she learnt to dive and the gear she used. The newspaper cuttings were in brilliant condition too and I was able to photograph many which appear with this interview.

So sit back and re-live memories of the first days of a teenagers glimpse in to scuba diving as the first lady of diving in Australia...

Where and when were you born. Also when did you first find a passion for the Ocean and think you might want to try snorkeling or perhaps scuba dive in what was perceived a macho men's only sport?

"I always liked the sea. I lived at Hampton on the eastern side of Port Phillip Bay in Melbourne. I was born at the Royal Women's Hospital and as a child we always spent time on the beach. I met my first husband when I was 16 and he had done diving in a home made helmet up at Clovelly in Sydney. It was his interest and he wanted to do a course and would I go along and do it with him... and I did. So he talked me in to doing the dive course, but I had to get my mothers permission, which was a bit drastic because I had a brother



who drowned at sea. I was the baby of the family and my older brother had gone to war. I was about 19 when I did the course. I didn't do any snorkeling before the dive course. I just jumped straight in to it, and they trained us at the city baths in Melbourne on how to use the equipment and how to look out for CO2 build up, and they actually brought in a chamber which gave us a CO2 build up so we would experience it which was very interesting. We would spend hours learning to buddy dive with one scuba kit between us, handing the mouthpiece backwards and forwards. It was really a full on course. We got tied up through that course with the Melbourne Museum which led to a 5 year Survey of Port Phillip Bay.

Can you tell me about the dive course and your Instructor...

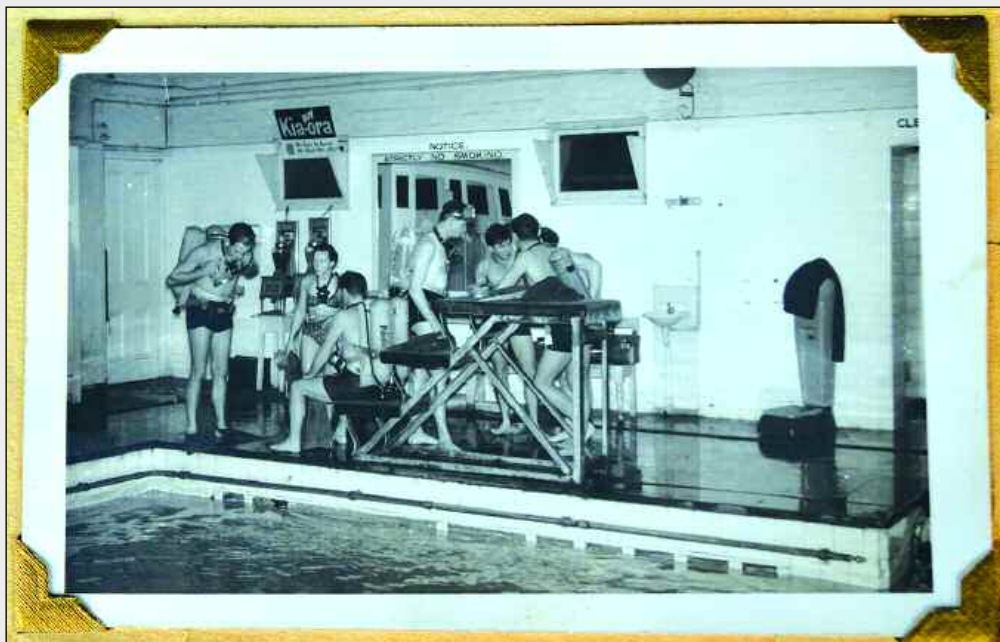
"Our Instructor was Commander Batterham. He was the commander of the Royal Navy at Cerberus. He was a lovely chap, he was really very thorough. He took everyone individually for a while and showed them how to breath and not to over breath or panic. The training he conducted was at the City Baths. I have no idea who started that course, whether it was Bob Wallace-Mitchell but it could have been Bob as he seemed to be involved somewhere around there, with the diving equipment and that. I only did the course with my then husband Trevor, but no other friends joined us for the course but we made a lot of new friends at the diving course. One of my girl friends used to call me a hero", she laughs, and she wouldn't do it, Vivienne remarked. "Everyone was amazed we went out in the ocean".

Once you were Certified, who did you dive with?

"We used to dive some times by ourselves but most was with the club. There used to be Bob Wallace-Mitchell, Ernie Ireland and Graeme Ireland who was a Florist, and Phillip Webster who had a hardware place in Essendon. They were well up in the diving", she said.

As soon as you did your course, did you just go and buy your dive gear?

"I didn't have a wet suit - they didn't have suits to fit me. I was only 4 foot 10", she laughs. "I used to just go out in Ballet tights and a jumper". I asked her when she learnt to dive and was in it in



Summer... No, she said, "it was in winter, I used to come out of the water with a frozen head, my head was frozen, but I never had a cold!" "Ernie Ireland started making wet suits and he made my first, and he made it to my measurements, to the color I want too, red and black" (I ask is that because you barracked for Essendon?), she replies, "I just liked red!"

Tell me about the Dive Club that you and Trevor joined...

"The Underwater Explorers Club of Victoria and the membership was limited to about 25. It was only men, plus one woman", she smirks! "They closed to ladies after I joined and didn't want any more" she says. "

Did you go on to any further diving courses?

"I just went along with what ever my first husband did, we were quite happy just diving on wrecks". I asked Vivienne what wrecks had she dived in Port Phillip Bay and beyond. She answered, "We did the Peterborough wreck, the Casino wreck at Apollo Bay, we actually surveyed the wreck of the Cerberus at Half Moon Bay, and the Arundel off Point Cook, and around Popes Eye Rock."

"We also surveyed the Polly Woodside though it wasn't under water. My first husband was an

electrical engineer and he wrote up a report which said it was worth doing up."

So by now you are twenty years of age... what did you do for work?

"I started work at 14. My Mother was a widow and reared five of us, so we had to go and work as soon as we were able. I started work as a postal telegram girl delivering letters which I did for a couple of years. Then I went in to factory work for a number of years. In fact my first scuba gear took me a couple of years to pay off with the wage I earned back then. I was a passionate diver so I just paid off the dive gear over a couple of years, sort of lay-buy."

How often did you dive, and where?

"Every weekend... EVERY weekend" Vivienne said. I asked what it cost to fill a scuba cylinder in 1955. She replied "about 10 shillings, about a dollar, which was the same as a full tank of petrol." I went on to ask about the other costs of travel to and from a dive site. Vivienne said, "we used to drive to the Great Ocean Road and camp. We had a Holden panel van which we threw a mattress in the back and slept in, on the edge of the cliffs or on the beach. We only had one cylinder each, so at the end of a dive we had to snorkel the rest of the time we were there."

Vivienne went on to say... "We then bought a 14 foot surf ski, and I used to spend a lot of time on that just drifting over the reefs."

What was your most memorable dive, and why?

"I think it was on the Casino wreck at Apollo Bay, because we were given ownership of that. Johnno Johnson was a world renowned diver; he brought up the gold off the Niagra. He was involved in that... he had us go down there and he handed over the diving rights to the Club and we really enjoyed diving on that site. We used to dive on the Casino quite regularly. It was a boat dive", she said."

I then asked to describe the wreck site, was it a deep or shallow dive? "No, it wasn't terribly deep, down about 40 feet, and it was quite a well preserved wreck. In the early days we found a canon in the bay area of Apollo Bay and that was one of most thrilling finds. We had to hush that up because there was another diving group in the park and we didn't want them to know about our special find!... We got it up and wanted to make sure it 'was' a canon. We had a secret

meeting in our tent with members of the Underwater Explorers Group, and didn't want the other group to know about it, just myself and all the guys! We said, what are we going to do, so we approached the Mayor of Apollo Bay and said we think we've found a canon, or at least it looks like a canon on the bottom, but we needed something large to lift it up, so they hired one of the local fishing boats which had a hoist on the back, and we went out, got it up, and it was indeed a canon. We never did get it identified but we thought it might be Dutch, and of course there was a lot of argument weeks later saying it can't be Dutch, you know, and it can't be a canon, you know... but it was a canon and i've got the papers to show it. We sent away to museums but nothing really eventuated.

We had it done up... a rich millionaire got interested in it, I don't know what the fella's name was, he wasn't a member of the club but knew someone in the club, and he aid he'd pay for the restoration, which he did. Then we donated it back to the town of Apollo Bay, so I expect it will be somewhere in an Apollo Bay museum.

THE SUN, Mon. Sept. 8, 1956—Page 7

BROUGHT 'EM BACK ALIVE!

(Just for once...)

by Peter Lyell

IT was quite a sight. An even dozen frogmen reluctantly laid aside spearguns and underwater cameras and took up nets for the day — for a change, they had to bring 'em back alive.

The divers were members of the Underwater Explorers and Photographers' Club, who yesterday dropped in, not to speak so help an organisation strangely removed from their own — the Aquarium Society of Victoria.

I spent yesterday watching the divers gather the riches of the garden of the sea while the aquarium enthusiasts readily impressed them in buckets and jars.

The prisoners—fish, sponges, coral and crustaceans — are due to appear in four large tanks in the Aquarium Society's enlarged and amazingly popular pavilion at the Royal Melbourne Show, which opens on September 18.

The fish was built more than 100 years ago during the Crimean War to carry fortifications that could defend Victoria from the terrible Russians!

The builders got to the stage of raising the rocks above sea level, then knocked off. Today the fort supports only a marker.

★

LIONEL SHORT brings in a two-captive—a 1lb. butterfly-fish, caught at Popes Eye Fort, in the Rip. Lionel's new tanks that were become it's clung with a clip!

★

Under the leadership of president Phil Webster, many of the 35 explorers' club members dive all year round, using head-to-toe rubber suits and compressed air breathing equipment.

At least once a month for the past 18 months they've been helping to compile a survey of undersea flora and fauna for the marine study group of the national museum and the Fisheries and Game Department.

SCALLOPS

(Speaking of fauna: Did you know there's an enormous bed of scallops off Point Cook that would feed half of Melbourne?)

With this practice in identifying inhabitants of the silent world, the explorers yesterday brought back all the treasures the aquarium boys, under Mr Peter Trevan, wanted.

They brought up fan-shaped branches of white, brown, orange and grey gorgonian coral; coral incredibly like the miniature lace reef on a Dresden figurine; red finger sponges like fat surgical rubber gloves; stretchy in wondrous shades of ultramarine; and big black holothurian slugs like leather de-sue.

Then, and a lot more, and a few small fish, which proved hard to net.

You'll see their catch at the show, if you can get through the crowd.

VIVIANE HAN, alone woman of the underwater diving in the Bay yesterday, shows some of the gorgonian coral she gathered.

DIVERS' CLUB KEEN TO LIFT COOK GUNS

The Underwater Explorers' Club of Victoria is keen to work with the Commonwealth Government to raise Captain Cook's cannons.

The club's vice-president, Mr Phillip Webster, said today: "The club believes these cannons are of national interest and should be preserved and displayed."

"Today we told the Prime Minister's Department that we would be willing to salvage these cannons."

The members of the club are prepared to work at Endeavour Reef, 25 miles south-east of Cooktown, to raise the three cannons still remaining under the coral.

Mr Webster said: "An American team of scientists last week found and raised three cannons

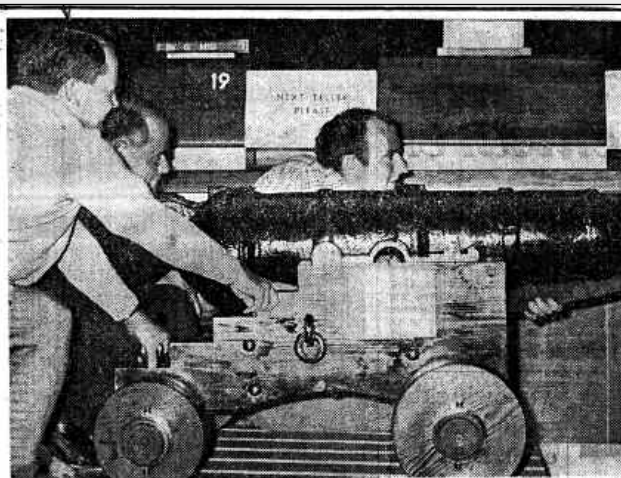
from Endeavour Reef. They said that three more cannons were still under the coral."

Mr Webster said: "We would want the Government to supply the heavy equipment for moving the cannons."

"I think our club has the experience to carry this through."

Mr Webster said the club was formed 18 years ago. The constitution limits the membership to "25 experienced divers."

Mr Webster, an Essendon businessman, is an experienced underwater photographer.



No, these intent-looking chaps haven't come up with a new wrinkle in bank holdups. Actually, they're highly respectable members of the Underwater Explorers' Club. The cannon, more than 200 years old, will be on show in the State Savings Bank, Elizabeth Street, for two weeks. It was found at Apollo Bay last Easter, and has since been restored and fitted with a new carriage.

How long did you keep diving for?

"23 years, and in that time I had two children, two girls. We used to go camping and all the men wanted me to do the cooking, and I said, whoa, just because I'm the only woman here... because they used to just come over and drop the food off and say, here it is Viv, and I said No, if you want something cooked, you bring your wife along, and eventually they started begrudgingly inviting women in to the Club and their wives to the camping weekends."

What was the biggest difference you saw in your first 23 years in the Sport?

"Oh, equipment, I think. It improved on it." I asked if her red and black wet suit lasted the distance?... "Most of that time I was diving in a home made suit which my husband made for me which was an old Pirelli suit he cut down for me, you'll see the picture of me in a rubber suit dated 1955. I worked in a plastic factory at the time, welding plastic rain coats, and I used to take my Pirelli rubber suit in there and weld it, in to the size I wanted."

Did you ever travel interstate or overseas to scuba dive?

"No, most of it was along the Great Ocean Road in Victoria, we did a lot of diving around Flinders in Westernport Bay and around Phillip Island. In

those days we didn't have the money and were trying to build a house. My first husband was a Queenslander so we used to go up there once a year but it was pretty limited, and we didn't take our dive gear because we didn't know any one up there."

How many dives would you have done over your 23 years, and did you log them?

"We would have done hundreds of dives, but no, other than the stories we made about wreck sites, I never actually kept a log book."

What is the main thing you miss about diving, was it the freedom of being under water, the camaraderie of the people you spent time with, or something else.. and what stopped you diving?

"We had some great friends in the Club and I definitely loved being under water but wreck diving was my passion. We always wanted to find something historical. I remained the only woman in the dive club over the entire 23 years my husband and I were members. The Club closed ranks early on and never made other female divers welcome. I have lost contact with the Club but I guess they would have welcomed other lady divers since I left. I only ever associated with a couple of other female divers, one was Neenie Littlewolf who belonged to another club. Most other woman I



THE ABILITY TO CHANGE ANYTHING, CHANGES EVERYTHING

Hydros Pro transforms with every dive. A breakthrough in comfort and customisation, you're free to change the colour, fit, accessories and even the weight system. Easily pack an entire dive kit on your back with the compact design and custom backpack. Wherever you take it, Hydros Pro is ideal for any diver and any dive.

SCUBAPRO.COM



mixed with were only snorkel divers. As to why we left the Club; my husband got sick when I was in my early 40's and he had to stop diving altogether.

Is there anything else in your years of diving that meant a great deal or was simply enjoyable such as diving for crayfish or scallops?

"Yes, did all that, under ledges getting crayfish. We did that often around the back beach of Rye at low tide and around the Cheviot Beach area.

I asked Vivienne about my own diving and seeing the beautiful reefs in Port Phillip Bay, and did she and the club members ever dive on the limestone reefs and fields of yellow zoanthids?

She said, "No, we mainly went wreck diving. We saw some nice coral at Popes Eye Rock but we didn't know about the colorful marine life in the Bay, so we just went in search for wrecks." She went on to joke about being the only lady on a dive boat with a group of men, saying "Have a look at that Viv" while they proceeded to have a pee over the side, she laughs!

Was the boat a Club boat or a private charter?

"It was a crayfish boat from Flinders run by Tommy Maloney. Tommy later on became a Port

Pilot in Westernport Bay. We had an agreement that we would come out an dive off his boat in the shallows where the crayfish lurked, and we would pull up his cray pots on condition he took the club out for a pleasure dive. We dived a lot around Phillip Island too."

Vivienne went on to remember the day she went down to try out the Diving Helmet, saying "The day I went down to try the diving helmet, Tommy was there and said to her, God Vivienne, you could poison your husband and you'd get away with it. She went on to say, "The Helmet was made for a 6 foot 4 man, and all the fellas in the club were having a go in it, and I said I want to go in it! I was only 4ft 10, so you know what they did, they tied a rope around my waste, they had a rope running up between my legs, and to each side of the helmet, and they tied me in to it. They pumped the air in to it, dropped me over and I went for a walk. That was at Flinders Pier, it must have been a sight, Tommy was laughing. I was wearing 10 pound feet and I loved every second of it."

What was the most frightening experience of your 23 years diving?

"We were fascinated with sharks because we met Hans Hass. He came out to Australia in the late 1950's and gave a talk. At the time we met him

continues on page 36

THE SPOT FOR A MEMORIAL



Two Navy divers work underwater with pneumatic chisels to level the floor of the rock pool off Cheviot beach where a memorial plaque to Mr Harold Holt will be bolted.

Ten men — seven Naval Reserve divers and three members of the Underwater Explorers' Club — carried their gear down the hills surrounding Cheviot Beach just before low tide.

They stripped off their clothes and put on wetsuits. Then, with aquanaps and respirators secured, they moved gingerly across the rocks and into a calm pool.

This is where a plaque will be laid in memory of Mr. Holt.

The pool is almost surrounded by reefs. A thick forest of sea kelp bars the way to the ocean.

CHISEL

Ern Ireland, the president of the Underwater Explorers' Club, directed first and found the spot where the plaque will be laid.

It is on a kelp-free section of rock about 15 ft below the surface and visible from the reefs at low tide.

The Navy divers took over and used a hand-held pneumatic chisel to beat away a recess for the plaque and the four bolts which will hold it in place.

The divers finished their task and everything was ready for the unveiling and installation of the plaque at a ceremony on December 15.



UNDERWATER EXPLORERS' CLUB OF VICTORIA

BOX 971G, POST OFFICE, ELIZABETH STREET, MELBOURNE.

20th November, 1968.

HAROLD HOLT MEMORIAL

(PORTSEA)

On December 15th 1968 at Cheviot Beach, Point Nepean, Victoria, the Underwater Explorer's Club of Victoria will fix a 2 ft x 2 ft naval bronze plaque, fifteen feet underwater, on the reef where our late Prime Minister, Mr. Harold Holt, disappeared in December of last year.

The inscription on the plaque will read:

IN MEMORY
of
HAROLD HOLT
PRIME MINISTER OF AUSTRALIA
WHO LOVED THE SEA, AND
DISAPPEARED HEREABOUTS
ON 17TH DECEMBER, 1967.

placed here by
The Underwater Explorers' Club of Vic.
15-12-1968

The plaque will be dedicated on the beach by the padre from Portsea where Mr. Holt liked to attend church. During the ceremony it will rest on a table covered by the Australian flag, within a few feet of the water where Mr. Holt was last seen. After a short ceremony of dedication, four divers from the Underwater Explorer's Club will carry the plaque to the water, then the President of the Club, will swim with it to a prepared spot on the reef, and bolt it into position. The entire ceremony should take approximately 45 minutes.

Members of the Holt family will attend the dedication. Representatives of the Federal Government, State Government and Foreign Governments have been invited. President Johnson has been notified by personal letter and through the U.S. Consul General in Melbourne. This letter will also go to the Governor General, Lord Casey and the State Governor, Sir Rohan Delacombe.

The plaque is a fitting tribute from divers to Australia's most illustrious diver. It is more than a memorial as it could be said to be Harold Holt's headstone, for he has no resting-place. Originally, the plaque was meant to be seen only by divers, Harold Holt would have understood this. The intention now is to fill the engraving with a white epoxy so that on a still day when the tide is low, and with the sun at a particular angle, the inscription may be read by people standing on the reef nearby.

Correspondence concerning the memorial should be directed to:

The Honourable Michael Baden-Powell,
4/19 Hawthorn Road, Caulfield, 3161

**CAVE DIVERS ASSOCIATION OF AUSTRALIA
NATIONAL COMMITTEE ELECTIONS
OCTOBER 2016**

BUSINESS DIRECTOR

Nomination for Business Director – Mathew Rochford #4827

Proposed by Peter Horak CDAA #4614 Seconded by Magdalena Morawska CDAA #4718

In putting myself forward as a candidate for the role of Business Director, I seek to bring my experience as a professional manager with the South Australian public sector to the position. My career has seen me with oversight of multidisciplinary teams, operations, finances, strategy, policy development and change projects. I joined the professional ranks of the dive industry in 2009, as a PADI Divemaster, the CDAA in 2013, and now a PADI Instructor candidate; I would also bring my broad experience in the dive industry to the role.

A Bachelor's degree in Information Technology, and a post graduate Masters in Business Administration, sees me with a strong academic background to complement my professional experience.

As a member of the National Committee, I would like to continue development of both the associations business plan and communications strategy. I would like to see the association continue its efforts to make strategy, goals, financial position and planning more reflective of member's wishes, and actions transparent and accountable to the members. I also see a role for more extensive use of technology to engage members in planning and decision making.

Having sat on the Tank Cave Management Committee this past year, I have gained some insight to how the association works. I am now seeking your backing to allow me to bring my professional and academic experience to continue, and to build upon the good work of Peter Horak in the role of Business Director.

Mathew Rochford has stood unopposed and has successfully been elected for the position of Business Director.

STANDARDS DIRECTOR

Nomination for Standards Director – John Dalla-Zuanna #236

Proposed by John Vanderleest CDAA #1965 Seconded by Richard Harris CDAA #1360

The last few years as Site Director have required both vigorous effort & strategic thinking to enable site negotiations, which have been critical for the CDAA to maintain its excellent standing on the National front. Significant progress has been made. The Kilsby's discussion notwithstanding, more sites have been made available to CDAA members, including the re-emergence of several old sites that had been closed. Foundation agreements for finalising site access are now in place. A more complete update is found in the Site Directors report for 2016.

These negotiations & discussions with landowners & stakeholders of sites have highlighted significant challenges in training & recognition of skill levels for members of the Association going forward. This is an area of expertise close to my heart, capabilities and experience.

Current discussion with all the Directors have identified key development areas within the training portfolio which include: changes within the Deep Cavern Course, Sump Diving, Solo Diving, Scooter Diving, Vertical Access Training, Exploration Diving and Cave Instructor Training. These are subjects of discussion at the State Meetings and will be analysed in greater depth.

I am nominating for the position of Standards Director so that I can take these development ideas to a conclusion and where agreed, implementation. I believe this to be a critical requirement for the future of the Association. Please support my nomination.

John Dalla-Zuanna has stood unopposed and has successfully been elected for the position of Standards Director.

**CAVE DIVERS ASSOCIATION OF AUSTRALIA
NATIONAL COMMITTEE ELECTIONS
OCTOBER 2016**

SITE DIRECTOR (1 YEAR TERM)

Nomination for Site Director – Tim Muscat #4557

Proposed by John Dalla-Zuanna CDAA #236 Seconded by Peter Horak CDAA #4614

I'm seeking the memberships vote of support for the position of Site Director. Currently, I am a CDAA Cave Instructor, Chair to the Tank Cave Management Committee and have been an active member of the Association for 8 years. Recently I have been working with the current Site Director, and am aware of the challenges that CDAA sites will be facing in the near future.

I understand the frustrations of a growing number of the membership when it comes to the communication from the Directors regarding important current issues. Spending most weekends in Mount Gambier, I am in constant social contact with many divers and am easily reachable. I'd like to keep the membership more informed as issues arise, and apply a fresh approach surrounding sensitive negotiations to site access and agreements with landowners.

Lately, I have been working on access to Max's Hole after seeking out the new landowner. I have obtained permission to dive the site to determine if it is worth opening to members as well as establishing contact with the new landowner for McKay's Shaft. Watch this space.

I also believe that our site classification system needs to be addressed as access to certain sites does not adequately reflect the training that modern day cave divers receive.

I have the time, dedication and enthusiasm that the membership deserves of someone in this role. Please support my nomination.

Tim Muscat has stood unopposed and has successfully been elected for the position of Site Director.

Due to the bi-yearly cadence of the Site Director role voting (as per the CDAA Constitution), this role will be open for re-election in 2017.

CAVE DIVERS ASSOCIATION OF AUSTRALIA

Ballot Paper

**A ballot paper for the October 2016 CDAA elections
is not required to be submitted**

There has been only one nomination for each of the Director positions open to voting. As such, there is no requirement for a vote. The nominations received from each candidate have been included into Guidelines on pages 28 & 29 for your information.

Thank you, Darren Walters, Returning Officer, CDAA.
returningofficer@cavedivers.com.au

Scubapro Hydros Pro BCD

THE ABILITY TO CHANGE ANYTHING, CHANGES EVERYTHING.

There's a new BCD on the horizon from Scubapro and it's called the Hydros Pro BCD. It's set to be the most comfortable and convenient scuba BC on the market. The material is super durable and dries quickly, great for travel! "The freedom of movement to do barrel rolls without the tank moving or slipping affecting the motion and feel of weightlessness was awesome, truly felt like i was floating in space"

The **HYDROS PRO** is a true breakthrough in dive comfort and convenience. The moldable Monprene®, adjustable fit and multi-attachment points combine to make this the most customizable and comfortable BC ever. Winner of the 2016 Red Dot award for product design, the HYDROS PRO is an incredible feat of SCUBAPRO engineering, built for anyone who loves to dive.

Interchangeable straps, a packable design and an included backpack with room for your entire dive kit make the HYDROS PRO perfect for any destination and any dive.

PRODUCT HIGHLIGHTS:

Durable

Monprene® construction means ultra durability. The HYDROS PRO also stands up to UV, chemicals, and abrasion - without showing typical signs of wear. And a modular construction makes repairs -- even from remote locations - a snap. It's a BC for life.

The Perfect Fit

When you are wearing the HYDROS PRO, you won't even know it's there. The HYDROS PRO molds to your specific body shape, and has been designed with body grip gel, providing extreme comfort and stability. Near-Zero inherent buoyancy means less lead. And, thanks to a back inflation, smart air system you can dive in any position.

2-in-1 BC

The HYDROS PRO includes both the Trav-Tek straps and a fully integrated weight system. So, with a quick switch of clips, you can transform the HYDROS PRO from a harness travel BC to an integrated weight BC. Now you only need one BC for both local diving and travel.

Customize and Accessorize

Easily add, remove, or replace weight systems, bungees, D-rings, accessories and pockets to make the HYDROS PRO truly your own. With a wide range of mountable accessories and kits, your options are endless -- and can quickly be changed based upon the dive and conditions.



Travel Friendly

The HYDROS PRO goes everywhere with you. Instant dry, lightweight and compact, with a unique smart-pack design, the HYDROS PRO also comes with a customized backpack designed to fit your entire dive kit on your back.

Specialized Fit for Women

Smaller air bladder. Shorter inflator hose. Curved shoulder straps that fit perfectly. Experience the difference of diving with a more thoughtfully designed BC for women.

Sizing

Available in four men's sizes (S, M, L, XL-2XL) and three women's sizes (XS/S, M, L), with 36.0 lbs/16.3 kg or 40.5 lbs/18.3 kg of buoyant lift, depending on size.

TECHNICAL INFORMATION:

- **Ultra Durable:** Patented Injection Molded Monprene® Gel Harness is extremely resistant to UV, chemicals and abrasion. The fabric-free harness uses no velcro or zippers.
- **Instant Dry:** Ideal for travel due to less water retention and lower post-dive weight.
- **"BC-4-Life" Modular Design:** Customizable to add/remove weight systems, straps and pouches. Extended lifespan due to simplified repairs. Virtually every component, including buckles, can be replaced without stitching.
- **Lightweight:** Advanced materials keep weight low.
- **Neutrally Buoyant:** Near-Zero inherent buoyancy.
- **Body Grip Gel:** Prevents BC from shifting and riding up.
- **Dual-Compound Backplate:** Provides the ultimate in stability and comfort. Single tank band system.
- **Torso Flex Zone:** Auto-adjusts to your torso length for excellent comfort and freedom of movement.
- **Articulated Shoulder Straps:** Allow straps to adjust to your body shape to achieve a snug fit.
- **Kit-Up Assist:** Holds shoulder straps open for easy

donning.

- **Cross-Flow Channel:** Unrestricted internal airflow reduces air trapping for enhanced maneuverability and easy deflation at any angle.
- **2-Stage Inflation:** Tri-bungee system controls air distribution to maintain a compact shape under water and high lift capacity at the surface.
- **Dorsal Weight-Wing:** Anti-abrasion and instant dry. Optimal "Outboard" trim pockets.
- **Buckle Weight System:** Simple, safe and reliable quick-release buckles offer a fixed location for easy one-hand operation.
- **Multi-Mount Accessory Matrix:** Multiple D-Rings and mounting points for a knife + light + SMB + hoses + crotch strap and much more.
- **Smart-Pack Design:** Folding shoulder and waist straps pack into the wing, creating an unbelievably compact package for easy transport and storage.

Accessories (COMING IN 2017)

- **Bungee Loops** for mounting SMBs, dive lights, octo hoses, etc.
- **Mini-D Eyelets** for attaching clips, retractors, etc.
- **Knife Mount Kit** for mounting standard BC knives.
- **Crotch Strap** to enhance fit and security.
- **Add-on pockets & smaller, single weight pockets** for the Trav-Tek Harness.

NEW GEAR

The new range of Hollis LX Series regulators has landed in Australia.

All Hollis gear is born for extreme environments and with forty years of design and manufacturing expertise in life-support systems, it's no wonder that Hollis have launched the LX series in Australia as a formidable choice of regulators for all open circuit cave and tech divers. Whether for use as twin-set, side-mount or stage regs, the Hollis LX really are high performers with a lot of attention to detail to give you a better dive experience.

Left or right hose configuration? Your choice.

The LX regs can be converted from left to right hand hose configuration, and the 200LX can be changed in less than five minutes without specialty tools or calibration. Whether you're planning side-mount or you're running independent twins, this feature provides customisation and versatility at your fingertips.

PVD industrial plated brass used on all external metal components

Built to outperform and outlast any other regulator finish, the LX range are built to last.

2 Year Service Interval and Parts for Life on all Hollis regulators

Due to the quality design and engineering, all Hollis 1st and 2nd stage regulators come with a 2 year/200 dive service interval. This is excellent news when it comes to reducing servicing costs and downtime.

Whilst annual visual inspection is recommended by the manufacturer, your authorised Australian Hollis service technician can provide advice on what may need to be done to keep it within the product warranty.

AUP is the only Australian distributor of Hollis gear that provides a unique Parts for Life program on your Hollis

regs. Not only will servicing costs be reduced due to longer service intervals, but routine maintenance parts are covered when registered as part of the Parts for Life warranty program.

As well as the PVD industrial plated brass on external parts, the LX range comes in either DIN or Yoke and each have MiFlexO braided hoses as standard for the following 1st and 2nd stage configurations:

100LX/DCX
150LX/H02
100LX/DC3
100LX Occy

Contact your local authorised Australian Hollis dealer for prices and ranging of the new Hollis LX tech range.

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NEW GEAR

Halcyon Evolve 20th Anniversary Limited Edition

Halcyon Dive Systems are proud to be part of the CDAA Annual General Meeting and are excited to donate a Halcyon Evolve 20th Anniversary Limited Edition BC System.

To celebrate our 20th Anniversary, Halcyon has chosen to honour our past and look forward to the future with the release of a limited edition 20th Anniversary BC system that features a limited edition logo as well as our new carbon fiber backplate.

The wing logo speaks to our heritage while the carbon fiber backplate speaks to our future! Each wing is engraved with a unique serial number and features a Halcyon blue gusset. The carbon fiber backplate weighs just over 0.2Kg and also features a special edition logo in reflective silver.

The Halcyon Evolve was a design first created by the extreme cave divers from Florida that hold the majority of the world cave diving records. What makes the Halcyon Evolve MC System so popular with technical and cave divers is the attention to detail in all aspects of the design. The shape of the wing is designed to match the curve of the cylinders to provide stable even lift, encouraging horizontal trim and allowing divers to easily fine-tune their buoyancy regardless of diving position.

Whether swimming or scooting, the Evolve cuts through the water with less drag and greater efficiency, encouraging less effort and more diving enjoyment.

The materials used in the construction of the Evolve are carefully chosen to provide the best combination of strength, integrity and resistance to a given environment.

For example, the outer nylon shell is design to protect the inner bladder from cuts and abrasions. The inner bladder itself is resistant to punctures, the two layers working together to provide the best protection possible.

If you're looking for THE wing for twinset or technical diving this is it, there is no better... all technical instructors worth their salt will agree.

All Halcyon BCs feature:

- 1000 count Cordura outer shell that allows superior abrasion resistance
- Urethane coated, 400-denier nylon inner bladder for puncture resistance without stiffness
- Halcyon inner bladders are RF welded with a lifetime warranty on all seams
- 22" Preferred length LP hose
- OEM inflator with corrugated hose
- Corrugated hose strain relief to reduce stress on the inflation connections
- Heavy duty zipper to allow easy access, if needed, to the inner bladder
- Rapid water drainage via SS grommet holes or Texteline mesh





Vivienne's first dive suit was made of rubber which she constructed herself, with moulding tools at work.

he actually came to our Club. It was extremely exciting. We had a couple of fellas, members of our club including Peter Goby who was an expert on Sharks and we used to talk about what to do if a shark was seen. Actually we were diving a back beach off Rye and a guy came up and said, there's a shark down here. Everyone rushed to get their gear on and jumped in.

Diving with Harold Holt: Vivienne reminisced the times she and her club members dived with Harold Holt, saying "We dived with him when he was Prime Minister. Just before he died he would come out with our club quite often and he was very much one of the boys!" Vivienne also showed me the Invitation she received to a memorial for Harold Holt held at Portsea on December 15th, 1968.

Her story continues...

Vivienne lives with her second husband, also named Trevor, in a caravan park in Ballina on the far north coast of New South Wales. Her sporting

years also included playing in 19 Badminton premier-ships. To this day still she participates in local music groups, regular outings with her fellow ladies and her home is filled with memorabilia of her amazing years in sport.

It was a pleasure to meet Vivienne thanks to a chance meeting. I have since contacted Australian Diving Historian, Tom Byron, to enquire if Vivienne is in fact the first Australian woman to learn to scuba dive, though after reading a lot of detailed writings about the subject of the first Australian scuba divers it mentions that most women who got involved in the sport didn't do so until 1956 or after. So it would seem that Vivienne was indeed the first of a sport we know and love so much. If only we could go back and see what she had the fortune to see and dive on in those early days.

ABOUT THE INTERVIEW:














My interview was done using a video camera. It made writing my questions and answers time consuming but it has allowed me to upload a video to YouTube showing Vivienne talking candidly about her early memories. There is a link to this video below.

MORE INTERVIEWS:

After meeting Vivienne and discovering her passion for a sport she began over sixty years before, I hope I can interview more pioneers of the early days of diving and create a book or an Historical Diving website.

To see a video Interview with Vivienne, go to:
<https://www.youtube.com/watch?v=g3Nc1aC31ss>
 or just type in *seapicsdavebryant* on YouTube.

CDAA INSTRUCTORS

NAME	Deep Cavern	Cave	Adv. Cave	NAME	Deep Cavern	Cave	Adv. Cave
NEW SOUTH WALES				VICTORIA Continued			
 BOULTON, Alex (CDAA 4125) Mob: 0407 887 060 E: alex@subaquaservices.com.au	Yes			 DALLA-ZUANNA, John (CDAA 236) Mob: 0407 887 060 E: jdz@paintandcustom.com.au	Yes	Yes	Yes
 FEATONBY, Tim (CDAA 3327) Worwong Heights, NSW Mob: 0402 129 253 E: tim.featonby@hotmail.com	Yes	Yes		 EDWARDS, Chris (CDAA 2247) Mob: 0417 116 372 Email: cedwards@aarnet.com.au	Yes		
SOUTH AUSTRALIA				 McDONALD, Warrick (CDAA 1882) Mob: 0408 374 112 E: info@oceandivers.com.au	Yes	Yes	Yes
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VICTORIA				 Tim MUSCAT (CDAA 4557) Mob: 0422 127 802 E: tim_muscat@bigpond.com		Yes	
 ALLEN, Terri (CDAA 3483) Mob: 0419 176 633 E: terri.allen@bakeridi.edu.au	Yes	Yes	Yes	WESTERN AUSTRALIA			
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 BOWMAN, Jane (CDAA 1880) Mob: 0407 566 455 E: janelbowman@hotmail.com	Yes	Yes	Yes	 PAYNTER, Geoff (CDAA 3784) Mob: 0407 445 112 E: gpaynter60@bigpond.com	Yes	Yes	
 CHAMBERS, Geoffrey (CDAA 3484) Mob: 0438 059 886 E: geoffie1@gmail.com	Yes						
 CLARIDGE, Linda (CDAA 2214) Mob: 0408 052 070 E: garinda@tpgi.com.au	Yes	Yes	Yes				

CDAA SITE ACCESS - www.cavedivers.com.au

Remember: Access is a privilege, not a right. Please be considerate of landowners wishes.
CN = CAVERN S = SINKHOLE C = CAVE AC = ADVANCED CAVE

SITE	LEVEL	OWNER	ACCESS DETAILS
MT. GAMBIER - SA Ewens Ponds	Nil	DEWNR	Groups of 6 or more, phone DEWNR on (08) 8735 1177 for booking. Smaller groups, no need.
Gouldens	CN	DEWNR	Phone DEWNR on (08) 8735 1177 for booking.
2 Sisters	CN	DEWNR	Generate a DEWNR Permit from www.cavedivers.com.au and either post to DEWNR (PO Box 1046 Mt. Gambier SA 5290) or hand deliver (11 Helen St, Mt. Gambier) before a booking can be made. A CDAA Membership card must be carried at all times. Training: Instructor must generate DEWNR permits from www.cavedivers.com.au for their students and submit to DEWNR before use of the site.
Fossil	C		
Piccaninnie Ponds	S	DEWNR	Bookings can be made online from www.cavedivers.com.au
Horse & Cart Tea Tree	CN CN	Dale & Heather Perkins Dale & Heather Perkins	Phone (08) 8738 4083 or email dhperkins@bigpond.com at least 24 hours in advance.
Little Blue	S	District Council of Grant	Booking can be made online from www.cavedivers.com.au .
Allendale	C	District Council of Grant	
Ela Elap	S	Dean & Carol Edwards	Obtain key from Management at Bellum Hotel.
One Tree	S	Mr. Peter Norman	Visit the house before diving. If no one is home - no dive!
Dave's Cave	C		Maximum 3 divers all weekends between May & November inclusive (check and update on CDAA website).
Hells Hole	S	Forestry SA	Booking can be made online from www.cavedivers.com.au . Show ForestrySA Permit to obtain key from Lady Nelson Tourist Ctr.
Pines	C/AC	Forestry SA	Bookings can be made online from www.cavedivers.com.au . Cave Rated divers cannot enter Advanced Cave Section of Pines.
Mud Hole	C	Forestry SA	Bookings can be made online from www.cavedivers.com.au
Nettle Bed	AC	Forestry SA	Bookings can be made online from www.cavedivers.com.au . Show ForestrySA Permit to obtain key from Lady Nelson Tourist Ctr.
Stinging Nettle Cave	AC	Forestry SA	Bookings can be made online from www.cavedivers.com.au . Show ForestrySA Permit to obtain key from Lady Nelson Tourist Ctr.
Iddlebiddy	AC	Forestry SA	Bookings can be made online from www.cavedivers.com.au . Show ForestrySA Permit to obtain key from Lady Nelson Tourist Ctr.
Kilsby's	S	Graham Kilsby	Bookings can be made online from www.cavedivers.com.au .

CDAA SITE ACCESS - www.cavedivers.com.au

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SITE	LEVEL	OWNER	ACCESS DETAILS
MT. GAMBIER - SA (continued) The Shaft	S/C	Trevor Ashby	Booking can be made online from www.cavedivers.com.au . Landowner mandates Dive Supervisors (with their own Insurance) leading all dive trips.
Engelbrechts - East - West	C AC	Mt Gambier Council Lessee: Ph: 08 8723 5552 Owner: John & Sue Douglas	Obtain key from Lady Nelson Tourist Information Centre. Diving should be avoided after heavy rain due to possible water contamination. Diving hours are now restricted to 8am to 8pm CST.
Three Sisters Access available for	AC	Wattle Range Council	Download Indemnity from www.cavedivers.com.au and email to council@wattlerange.sa.gov.au . A \$30 processing fee can be made over the phone on (08) 8733 0900 after Council has received your indemnity. Allow 4 wks for indemnities to be processed.
Tank Cave	AC	CDAA	Bookings can be made online at www.cavedivers.com.au . An email to the Tank Cave officer is required to dive. Booking Officer is Noel Dillon Email: tankcave@cavedivers.com.au
Baker's Cave	C	Janet & Bruce Saffin	Bookings can be made online at www.cavedivers.com.au . An email to the Tank Cave officer is required to dive. Booking Officer is Matthew Skinner. Email: bakerscave@cavedivers.com.au Climbing equipment required. One member must have previous dive experience at site.
NULLARBOR - WA			
Cocklebidy	C/AC	WA Dept of Parks & W/Life	Apply in writing for permission to dive at least 4 weeks in advance of trip to:
Murra El Elevyn	C/AC	WA Dept of Parks & W/Life	District Manager, PO Box 234, Esperance, W.A. 6450. Phone: (08) 9083 2100.
Tommy Grahams	C	WA Dept of Parks & W/Life	
Burnabbie	AC	WA Department of Lands	Apply in writing or email for permission to dive at least four weeks in advance of trip.
Olwolgol Cave	AC	WA Department of Lands	Miss Shannon Alford, Email: Shannon.alford@lands.wa.gov.au Phone: (08) 6552 4661 Fax: (08) 6552 4417 P.O. Box 1143, West Perth WA 6872.
Weebubbie	S/C	WA Department of Lands	A site indemnity form must be filled out for each visit to the site. Diving permission acknowledged by official letter from Land Owner.
WELLINGTON CAVES - NSW			
Limekiln (McCavity) Cave	C/AC	Wellington Caves Management	Access coordinated by Greg Ryan Email: giryan@gmail.com Ph: (02) 9743 4157 Both Cave and Advanced Cave Level are being accepted for this site depending on its water level at the time. When entrance is under water, Advanced Cave Divers only!
Water (Anticline) cave	C	Wellington Caves Management	Access coordinated by Greg Ryan Email: giryan@gmail.com Ph: (02) 9743 4157 Affected by high CO ₂ levels during Summer/Autumn.