

SRP Course - Photo Neville Skinner



C.D.A.A. Newsletter
No. 146 - DECEMBER 2018

**Wishing all CDAA Members
a Safe & Enjoyable
Christmas**

CAVE DIVERS ASSOCIATION OF AUSTRALIA

(Incorporated in South Australia)

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Cover:

SROP Course.
(See story in this issue).

Photo by
Neville Skinner

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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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Photo by Liz Rogers

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EDITORIAL

MEGGAN ANDERSON



Dear members

Well it's the end of the year, where we reflect on what has passed and think about what lies ahead. A few of us on the national committee are now past the halfway mark of our term. While sometimes I find it can be a juggle doing this role and full time work, I have definitely learnt a lot this past year, even from the stuff ups. Sometimes our plans get derailed by unexpected events but we manage to keep it together (a sense of humour definitely helps). I'd like to welcome Joseph Monks and Mary-Anne McLeod to the team and thank Mathew Rochford for his contribution, he will definitely be missed. I joke that one day Mathew's tombstone will read: Here lies Mathew, who will be remembered for bringing electronic voting to the CDAA. I'd also like to thank all our volunteers who help us throughout the year and make life our lives easier - even if it's just for a one off thing it definitely makes a difference. This issue of Guidelines highlights the work some of our volunteers do and the fruits of their labour. You can read about these in articles about the AGM and symposium, the SROP course and tree planting at Tank Cave. However there are also other volunteers, whose jobs are unfortunately not as glamorous to write articles about. These include the booking officers - despite the system always saying that records has rejected or accepted a document, we actually have various officers helping out with these tasks, which takes a load off the directors. Our webmaster Rowan Stevens has also ticked off a number of items on our IT wish list this year, which I know can be time consuming. They get no glory or accolades but just quietly plug away and do the work to help.

I'd like to wish all members a quiet and restful end of year, I'm not a fan of this time of year personally and I know many members head down to the Mount to get away from it all...I hope you all find yourselves while you're there and have a fuss and drama free time. If you have any spare time on your hands please do consider writing an article for Guidelines... I'm pretty sure members are tired of reading mine. I'm always happy for you to run an idea by me or help you bring your story to life so please drop me a line.

See you next year
Meg

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Articles for Guidelines March 2019 - Deadline is Feb. 15th

- Send articles and jpeg images by email to guidelines@cavedivers.com.au



NATIONAL COMMITTEE UPDATE

DECEMBER 2018

As 2018 draws to an end, it's hard to imagine what surprises the next year could possibly bring! This year has certainly been a bit of a roller coaster ride – never knowing what's over the next rise. It's been exhilarating, exhausting, and at times, a little terrifying, but as a committee we come away from these shared experiences a little stronger, wiser, and ready to tackle whatever comes next!

There are certainly a lot of things in the works for 2019, and we have dedicated an entire weekend for a two-day Director's meeting to close out the current year. The committee felt we needed this time to tidy up a lot of loose ends, update a range of CDAA documents, and put some plans in motion to ensure that next year is as productive as possible.

On that note, I'd like to welcome Joseph Monks to the committee in his role as the newly-elected Standards Director. Joseph is uber-enthusiastic, and brings a wealth of knowledge, experience and the tools that will allow him to flourish in the role. Since the AGM he has hit the ground running and following on from John Dalla Zuanna will no-doubt keep the momentum going strong in the Standards portfolio.

As per his recent announcement, Mathew Rochford has had to make the unfortunate decision to step down from his position as Business Director. On behalf of the National Committee, I'd like to say it's been an honour working alongside Mathew. He should be proud of his efforts and the contribution he has made to the CDAA over the last few years. His drive and persistence to introduce electronic voting will be a legacy

that the CDAA will benefit from for many years to come.

In appointing a replacement, the committee decided to reconnect with a number of members who had shown interest in the Business Director role prior to the election. With several strong candidates to choose from, we have decided to appoint Mary-Anne McLeod to the team. With an abundance of enthusiasm, accompanied by her professional accounting skills and a high-level of motivation, we have no doubt that Mary-Anne will be a huge asset to the National Committee and the Business portfolio over the next 12 months.

I would also like to take this opportunity to acknowledge the efforts of the two directors who accompany me into our second year together on the committee. Meg Anderson has put in a stellar effort over the last twelve months, ploughing tirelessly through the enormous workload that accompanies the critical but often thankless position of Publications Director. Though she keeps a low profile, Meg is always willing to help members, and it's largely her efforts that keep the wheels of the CDAA turning without fault.

Likewise, Site Director Kelyvn Ball has done a fantastic job this year. A lot of the work in the Site portfolio takes time – getting access to new sites, or permission to change access arrangements or install better facilities is never a quick process, and there are often many hoops that need to be jumped through. He has worked tirelessly to this end, and a lot of the hard work that has gone into the Site portfolio in 2018 will become evi-

dent over the next 12 months.

Lastly, I'd like to thank all the members for their support this year. Coming off one of the best-attended AGM / Symposiums in the last decade, and having so many people motivated to contribute, is extremely gratifying for the directorate and everyone that invests their time and effort for the betterment of the CDAA.

On behalf of the National Committee, we'd like to wish everyone a joyful festive season. Safe diving and we look forward to seeing you all in 2019!



Warm Regards, Pete
CDAA National Director

On behalf of the National Committee



Mathew Rochford,
Business Director



Kelyvn Ball,
Site Director



John Dalla-Zuanna,
Standards Director



Meggan Anderson,
Publications and
Records Director



How great was the AGM? Such an interesting group of speakers and a great chance for us all to catch up. One of the biggest attendances yet Well done!

Congratulations to Joseph Monks on his election to the role of Standards Director. Looking forward to working with you.

Start of November we commenced online booking with the Lady Nelson Tourist Centre for Engelbrechts East and West and also Allendale. They require a minimum 2 days notice for bookings. Indemnities need to be uploaded to the CDAA site. Please be patient with this transition. Continually emailing them will not make the progress any quicker.

Adam Hair is the new Access Officer for these bookings. Thank you Adam for taking on this

role. I now have several access officers for our sites and appreciate the time they spend online attending to the indemnities etc.

Tank Cave has had a general cleanup and we are now waiting on the new lighting installation. Hopefully will be finalised soon.

Just a gentle reminder that it is the National Committee's job to contact/approach landowners for organising access arrangements and not individuals. A lot of behind the scenes time goes into this and anyone else's input can put on a disorganised front. Please approach the committee if there are any issues needing addressing.

Safe diving and wishing everyone a Merry Christmas and a Bubbly New Year!!

Regards Kelyvn Ball, Site Director.

Did you know?

You can opt for an electronic copy of Guidelines rather than a paper copy. **Simply login to your CDAA online account**, select the dropdown menu under the My Records tab and click on Update My Details. Handy for those who have multiple CDAA members in their household or for those wanting to do their bit for the environment!



This quarter is all about the AGM, symposium, and national speaking tour at the Business Desk, and what a huge turnout for our annual symposium and national speaking tour!

Authors, explorers, international heroes, engineers, and photographers, thank you all for sharing some amazing experiences with your fantastic presentations. History, tales of exploration, rescues, logistics, and a bit of comedy. A huge success, and with standing room only at time, it seems everyone agreed.

A big thank you to all the members who volunteered their time to help ensure the day ran smoothly. Counting votes, audio visual equipment, social media, minutes, timekeeping, product sales and emceeing, the day wouldn't happen without your efforts. A special mention to those who organised our state-based events in Brisbane, Newcastle, and Perth too.

Our sponsors were fantastic again this year. Reef2Ridge, TFM Engineering, Australian Underwater Products, Scubapro, Deep Dive Gear, and the City of Mount Gambier, many of these continuing years of association with us. I again encourage you to support those who support us.

The decision was made this year to offer the post-symposium social event free to members. This was hugely popular, with a large portion of those who attended the symposium joining us for the evening. The decision to host our social event with Function Room 5290 also seemed to be a hit.

An opportunity to showcase some of the diving available in Australia was provided as part of our international guest's tour. This year our guest, Patrick Widmann, had a travelling companion, a fellow exploration team member. Patrick and Hans were treated to diving in Tank, a visit to various features in the Mt Gambier region, a trip across the Nullarbor to dive Olwogin and exploring beyond.

The Australian caves certainly had Patrick and Hans in awe. Our corner of the world has 2 more advocates and I know many members can attest to this through following along on social media.

We also had an outstanding participation rate for voting season. My thanks to both candidates running for the Standards Director role for volunteering their time, all those who voted, and of course, congratulations to Joseph Monks on joining the National Committee. I was also pleased with the overwhelming support the Electronic Voting amendment received and excited for the opportunities this success will open up for the association to be more responsive. A big thank you to all those members who lobbied others to ensure their voice was heard by casting a ballot and I look forward to one less trip to the post office next year.

With the closure of the logo competition we can continue our efforts to streamline administration of our products line. When the logo has undergone its modernisation, we will engage suppliers for a new range of apparel, whilst ensuring we keep the focus on meeting member needs. It is great to see how much support our product lines receives, and the work done to simplify the delivery of these items is paying off with a reduced workload in administering the service.

In some more personal news, I have recently had to make the difficult decision to step down from the National Committee, hence your next update from the Business Desk will be from Mary-Anne McLeod. I'd like to take this opportunity to publicly welcome Mary-Anne to the role of Business Director. Mary-Anne has previously volunteered her time in the Business Portfolio and I've enjoyed what Mary-Anne has brought to the role in the short handover already. I feel confident Mary-Anne will enjoy the role and bring a fresh approach again. I do feel strongly our association has a fantastically engaged

National Committee with all the right skills and attitude for the challenges and opportunities ahead and this makes it a lot easier as I leave.

Finally, I'd like to say what a privilege it has been to represent our association and to thank everyone who has reached out with support and assistance over my time in the role. I strongly encourage anyone with who has some time, to get involved in the running of our association, it is an incredibly

rewarding experience. The passion our membership has for our sport, for our association and our caves, is incredible. It has been a real pleasure to be entrusted to move things along in the right direction. Thank you.

Mathew Rochford #4827
Business Director



Hello All,

I would like to thank everyone for supporting me in obtaining my recent election into the position of the CDAA Standards Director. I would also like to thank Joseph B for his kind words following the election; the CDAA would have been in great hands under his direction also. I look forward to working closely with Joseph B and the Instructor base and envision productive times ahead.

I feel that it is important for all of us to take a minute to recognise the huge amount of time and effort JDZ has provided for the CDAA throughout his tenure as Standards Director, as well as other varied roles within the CDAA. He has managed these roles in a professional manner and always to the very highest standard.

I have personally had the pleasure of working

with JDZ for the past few years and what a great learning experience it has been. He made the decision to step down from his director roles for the time being in order to concentrate on diving and having fun ;-). I am very certain that my appreciation and thanks to JDZ are shared by all members of the CDAA and we wish him all the best in his pursuit of relaxation and dive dive diving. Thanks JDZ!

I feel fortunate to have such a great team to work with, and I am hoping to acclimate quickly and smoothly into the role with the assistance and support from the directors and instructors. Well that's enough from me for the time being, I'd best get back to it but I look forward to a fantastic term in this role.

Joseph Monks
CDAA Standards Director

WANTED! ARTICLES FOR GUIDELINES...

*If you've been travelling lately or dived somewhere spectacular,
we want to read about it, so send your story and pictures to us*

URGENTLY!

2018 AGM and Symposium

Story by Meggan Anderson. Photos by Damian Bishop and Benn Walton

We affectionately called the 2018 AGM and Symposium "The Wedding" and it certainly did turn into quite an event. Business Director Mathew Rochford spear-headed this year's event and with over 100 in attendance, it definitely was the biggest one we have seen in years. The evening event held at Sorrento's was also well attended and there were some sore heads the next morning. I blame my sore head on having to be MC and being too busy to eat!

We had a number of high quality speakers both from home and abroad with themes that included exploration, rescue and history. Locations we learnt about included Mexico, Dominican Republic, Madagascar, Thailand and good old Australia. We want to thank our speakers for their time and great talks. Some members even said it was "too good!"

The highlight for the National Committee was obtaining enough votes to change the constitution to allow electronic voting. We believe this will result in more members voting, thus giving the National Committee a better indication of what members want. An example is the logo competition, which had a much higher number of people voting due to it being electronic (by the way, the

majority voted to keep our current logo!). Another announcement we made was that the National Committee is nominating Richard Harris and Craig Challen for the CDAA Hall of Fame due to their rescue efforts in Thailand (we could not nominate this year as the cut off date was 30 June which was prior to their efforts in Thailand). Special thanks to our sponsors City of Mount Gambier, Reef2Ridge, TFM Engineering, Australian Underwater Products, Scubapro, Deep Dive Gear, Peter Stace and Ian Lewis. Thanks also to Mischa Temple, Vic State Rep Benn Walton, SA State Rep Damian Bishop, QLD State Rep Joseph Monks and Public Officer Andrew Seifried for helping on the day as well as Returning Officer Darren Walters and his team of scrutineers for



counting votes. We'd also like to thank those members who encouraged others to vote and to our QLD (Joseph Monks), NSW (Ryan Duchatel), SA (Damian Bishop) VIC (Benn Walton) and WA (Geoff Paynter with the help of Joseph Bicanic) state reps for organising state events.

There is definitely pressure on the National Committee to deliver again next year! We are now starting to think about next year's event and if you're keen to get involved please drop us a line.



... more pictures over the page

AGM Door Prizes:

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COVER STORY: TRAINING

Sump Rescue Orientation Program

Story by Meggan Anderson

Remember the Baywatch theme song? Some people stand in the darkness, afraid to step into the light. Some people need to help somebody, when the edge of surrender's in sight. Don't you worry, it's gonna be alright. Cause I'm always ready, I won't let you out of my sight. I'll be ready Never you fear (no don't you fear) I'll be ready, forever and always, I'm always here ("I'm Always Here" by Jimi Jamison).

Unfortunately if you or a member of your diving group has an accident in a cave, particularly one in a remote location, it's going to take a while for The Hoff, Pamela and friends to come and save you. You're going to have to find your own Inner Hoff. But it might help singing that song to keep the morale up. One thing I realised when doing the Sump Rescue Orientation Program (SROP) was that before the course, I couldn't honestly say: I'll be ready.

This year's SROP course involved a day of theory and then 2 diving days (one for Team A and one for Team B). There were 20 participants in total from all over the country, who were required to be Cave or Advanced Cave rated. Team A finished the course over the AGM weekend while Team B came back to complete their dives on 3 November.

Our Search and Rescue Officer Richard Harris lead the course along with Phil Croker, who will be taking over the SROP course from him. Other experts who shared their wis-

dom were Craig Challen, JDZ, Tim Payne and Ken Smith. Rod O'Brien and Deborah Johnston from NSW also shared their experience. The theory day covered cave rescue in Australia and overseas; cave environments and rescue; self rescue; Incident Command Systems; how to search; cave pre-plans; the Initial Response Team roles; communications; first aid and medical; cave first aid kits; practical stretcher exercise; sump rescue; recovery theory and a paper exercise on a complex sump rescue.

The diving day involved a recovery and rescue exercise. Deborah Johnston and Joseph Monks (for Team A) and Brendan Moore, Andrew Seifried and Grant Pearce (for Team B) happily volunteered to be our crash test dummies (i.e. they volunteered to be recovered or rescued). The rescue exercise was quite involved and took a few

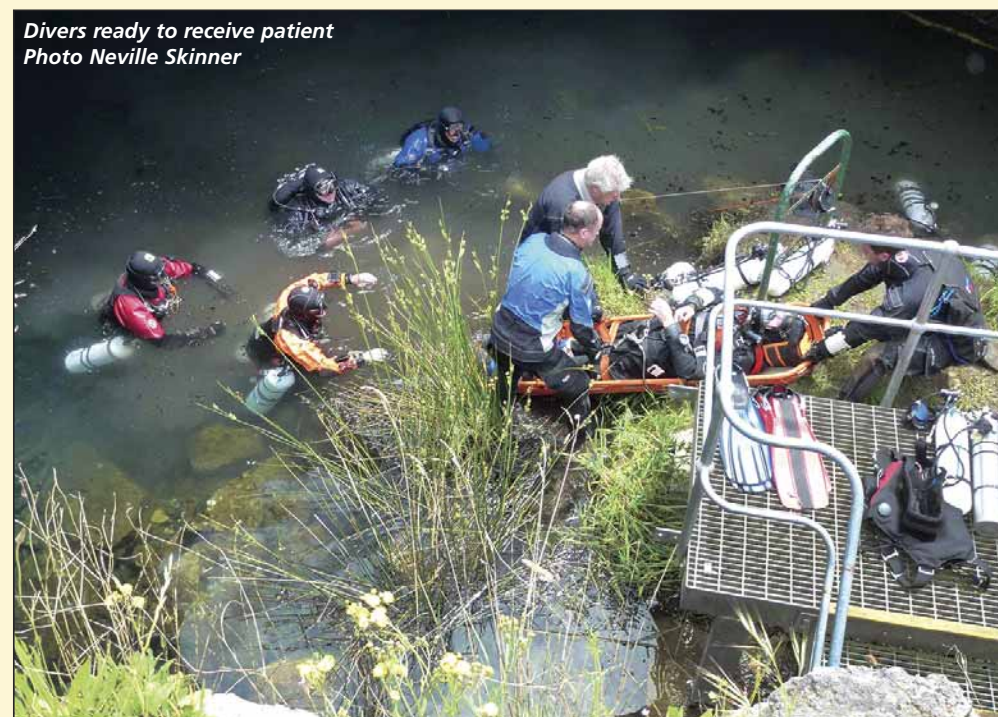
hours. Prior to the course, I thought I wouldn't have much to offer to a rescue or recovery situation due to not having the strongest body or div-



Photo
Neville Skinner



Team A Rescue
Photo Stefan Eberhard



Divers ready to receive patient
Photo Neville Skinner



Divers receiving patient.
Photo Neville Skinner

things that we sometimes don't think of that we might need on hand (such as pen and paper to document everything, certain phone numbers as well as certain items in your first aid kit!). I'll definitely be more prepared in future. It was interesting to hear the stories of those running the course, who had been in these situations before and what they learnt from those experiences. However the main message I took

ing experience. However during the course it became apparent to me that we all have different strengths, experience and talents that can be used in various roles on the surface and in the water. It also made me realise there were simple

away from a course is that it is better to practise conservative risk management to avoid getting into an emergency situation, as the time, resources, energy and logistics it takes to conduct a rescue are great.



Patient carried down rockpile. Photo Neville Skinner



Theory day. Photo JDZ



Stretcher Exercise. Photo Meg Anderson

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Feedback from other participants:

I thought the presentations and knowledge of such experienced divers who've dealt with these situations in real life, a priceless lesson. The sump rescue part of the dive, I felt, was a good training

setting for all to understand the difficulties involved. As an ex military combat veteran, I have been in various life threatening situations that were survived due to our training. I feel the SROP course provided me with enough knowledge to



Team A - Photo Ken Smith



Team B. Photo courtesy ABC TV.

be able to increase mine and my team's chances of survival should something occurs. More importantly, how to prevent such things occurring as much as possible. Thanks to all CDAA members for this training & I hope we can receive more in the future, maybe enabling each state to have its own small team of SROP divers – **Chris Dawson, WA.**

The course was comprehensive, well structured and well presented. Professional. I really enjoyed it and gained a huge amount from it, especially the in-water hands-on practise rescue exercises, these were invaluable. Highest commendations to the organisers and presenters. – **Stefan Eberhard, Tasmania.**

The hope is that the SROP will be run more regularly from now on and I strongly encourage all members to sign up in future. The Border Watch and ABC also did stories on this year's course, as it is obviously a topic of interest following the Thai Cave Rescue. We want to thank those who organised and ran the course for giving us their time and expertise and sharing what they have learnt with the wider CDAA community.



Spinal Support Discussion - Photo Neville Skinner



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By Victoria Kaczowski CDA #4959

For those who are not blessed with your life buddy to double as your dive buddy. Follow these simple rules to ensure a long and successful relationship with both!

Do....

- Tell your partner you wished they were coming with you diving.
- Limit talking about cave diving to no more than approximately 30mins per week.
- Keep all dive gear out of the house.
- Pretend to be interested in what your partner did while you were away diving.
- Leave a cute little note saying how much you'll miss your partner whilst away diving.
- Try and think of some activities to do with your partner that don't involve any aspect of diving.
- Change your profile picture every once in a while to include your partner.

Don't....

- Tell your partner you've planned your next dive trip, within a 2-week window upon returning from the last.
- Have lengthy cave diving discussions while on a dinner date.
- Leave undergarments dumped in a pile on the laundry floor for your partner to wash.
- EVER tell your partner the truth about where you'd rather be at any given moment.
- Force your partner to watch Go-pro footage from a dive.
- Tell your partner your dive gear is worth more than your partners' car.
- Take your rebreather to bed with you.

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- Scuba Cylinder Testing*

(*Prior arrangement required)

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All enquiries:

Darren Walters - 0408 845 511

Email: darren@justabedlodge.com.au

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DESTINATION: MOUNT GAMBIER

TANK CAVE SEPT. 2018 SPRING PLANTING

By Benn Walton CDAA #4671. Photos by Benn Walton & Samuel Knowles.

*"The best time to plant a tree was 20 years ago.
The second best time is now"*

In April 2018 the CDAA contacted the Department for Environment, Water and Natural Resources [DEWNR - now DEW] to explore the possibility of a grant for the purpose of native revegetation and habitat renewal at the Tank Cave property.

Despite the state allowance almost having been exhausted for the year, DEWNR were able to obtain funding and provide the CDAA with 200 native plants of mixed species. An officer from DEWNR attended the Tank Cave property to assess the site features and it was determined that the area surrounding the doline and toward the eastern boundary, having formed a natural depression, would be the ideal location to focus on habitat restoration with mainly smaller wetland species

planted in the basin of the doline and larger trees extending out around the edges and toward the eastern boundary. In addition to the 200 plants supplied by DEWNR the CDAA also placed an order for an additional 200 plants to provide a bush belt/buffer along the northern boundary, which runs parallel to the Princes Highway with the intention of providing additional habitat areas and some privacy from the Highway.

Members familiar with nearby Fossil Cave will have no doubt enjoyed the shade and shelter and natural backdrop provided by the bushland surrounding the site. It is from this area that DEWNR developed the species list for the Tank Cave property. Interestingly the trees and scrub surrounding the





Fossil Cave site were also the result of a revegetation effort some 20 years ago with the seedlings provided by Peter Feast of 'Mimosa Farm Trees' who also supplied the CDAA with the 400 trees for Tank Cave.

Ongoing efforts by members in the form of watering and weed control over the coming months should see the majority of the plants thrive and grow into a natural habitat for native fauna as well as providing shade and shelter for members in the future.



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HISTORICAL DIVING:

The Berge Diving Mask

By Des Williams. Re-printed courtesy of Historical Diving Society Australia.

During World Wars 1 & 2 many apparatus and machines grew out of the fertile minds of inventors, proving that necessity is indeed the mother of invention. These periods of war have produced some of the most amazing improvements to existing machinery and provided chemical substitutes for materials urgently needed, for example, synthetic rubber. One particular item to come out of WW2 was the diver's full-face mask. This particular diving mask has interested me for many years, after coming to my attention during research into my last book Wrecks of War about Australian salvage divers.

The Berge mask was provided by the USA to its allies all over the world during WW2, under the Lend-Lease scheme of military support and was used in both the Pacific and Russia theatres. Australian salvage divers, received basic training in the use of the ORCO mask in 1943, before leaving Australia for New Guinea. The apparatus enabled them to break free from the cumbersome standard-dress copper helmet equipment on many difficult salvage jobs.

The Berge mask was invented by a Swedish adventurer, Victor Berge, who spent much of his early life pearl-diving and travelling the world prior to WW2. Berge's adventures were recorded in his 1954 book *Danger is My Life*, which can still be found in 2nd-hand book shops and it is a very interesting read indeed.

Berge showed his invention to a friend at the Ford Motor Company in the USA in 1941, where some improvements to the demand-valve were carried out before Berge had 50 masks produced to take with him to Indonesia that year. Before leaving the USA, he demonstrated the mask to US Navy top-brass, who were impressed with its versatility and simplicity. Berge did not patent the mask design before rushing off to Indonesia, unfortunately for him, just as the Japanese entered the war.

Berge's timing was bad, the Japanese soon incarcerated him as they swept through SE Asia and over the following four years he was brutality treated and tortured by his captors. He was very lucky to survive the war! His family and friends in the USA in the meantime, having heard nothing of him during the war years, presumed he was dead.

Upon entering the war late in 1941, the US Navy decided to utilise Berge's unpatented design, espe-



ORCO MASK - 1942
(Image by D. Dekker)

cially as they could not make contact with Berge himself. The masks were produced in Willoughby Ohio, by the Ohio Rubber Company and branded the ORCO Diving Mask. A small instruction manual accompanied each mask turned out and they were provided under the Lend-Lease arrangement throughout WW2 in the Pacific and Russian war theatres. The moulded rubber full-face masks were secured by straps retained by a buckle at the back and were fitted with unbreakable, tempered glass eye-pieces. An air 'demand' membrane-type valve on the front of the mask opened to provide air only when the diver breathed in, just like modern scuba apparatus. A distinctive feature of the Berge (ORCO) mask was the double redundancy air-supply mechanism. The demand valve had a push-button arrangement on the front, allowing the diver to force air into the mouth-piece, which is today an integral part of modern scuba gear and referred to as the purge-button. Alternatively, by operating another fitted by-pass valve, a continuous flow of air around the diver's face could be provided, with the surplus air simply exiting around the fringe of the mask.

Air supply was usually provided by medium pressure, surface-supplied air hose (simple oxygen hose) from a set of high pressure air-bank storage cylinders, via a pressure reducer or from a manual air pump.

References:

"USN Instructions for ORCO Diving Mask Operation - 1942".
"Soviet Combat Divers in World War 2" by Dr. P. Borovikov - 2016.

"Wrecks of War"
by Des Williams - 2013
"Danger is My Life"
by Victor Berge - 1954



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CDAA SITE ACCESS - www.cavedivers.com.au

Remember: Access is a privilege, not a right. Please be considerate of landowners wishes.
BC = BASIC CAVE C = CAVE AC = ADVANCED CAVE














SITE	LEVEL	OWNER	ACCESS DETAILS
MT. GAMBIER - SA			
Ewens Ponds	Nil	DEW	Groups of 6 or more, phone DEWNR on (08) 8735 1177 for booking. Smaller groups, no need.
Gouldens	BC	DEW	<p>Complete a permit and indemnity online at: https://www.environment.sa.gov.au/parks/find-a-park/Browse_by_region/Limestone_Coast/piccaninnie-ponds-conservation-park/booking/diving/diving-indemnity-form</p> <p>Bookings for Piccaninnie Ponds can be made online at: https://www.environment.sa.gov.au/parks/booking#Piccaninnie-Piccaninnie-Ponds-Conservation-Park</p> <p>Email booking requests to DEW.seonlinebookings@sa.gov.au at least 3 business days before.</p>
The Sisters	BC	DEW	
Fossil	C		
Piccaninnie Ponds	BC	DEW	
Horse & Cart Tea Tree	BC BC	Dale & Heather Perkins Dale & Heather Perkins	Phone (08) 8738 4083 or email dhperkins@bigpond.com at least 24 hours in advance.
Little Blue	BC	District Council of Grant	Booking can be made online from www.cavedivers.com.au .
Allendale	C	District Council of Grant	Booking can be made online from www.cavedivers.com.au . Obtain key from Lady Nelson Tourist Information Centre.
Ela Elap	BC	Dean & Carol Edwards	Obtain key from Management at Bellum Hotel.
One Tree	BC	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	BC	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	C	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 Sinkhole	BC	Kilsby Family	Bookings can be made online at www.cavedivers.com.au Email: kilsby@cavedivers.com.au

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CN = CAVERN S = SINKHOLE C = CAVE AC = ADVANCED CAVE

SITE	LEVEL	OWNER	ACCESS DETAILS
MT. GAMBIER - SA (continued)			
The Shaft	BC/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		Mt Gambier Council	Booking can be made online from www.cavedivers.com.au . 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.
- East - West	C AC	Lessee: Ph: 08 8723 5552 Owner:	
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 . 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 . Booking Officer is Matthew Skinner. Email: bakerscave@cavedivers.com.au Climbing equipment required. One member must have previous dive experience at site.
NULLARBOR - WA			
Cocklebiddy	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.
Tommy Grahams	C	WA Dept of Parks & W'Life	Phone: (08) 9083 2100.
Burnabbie	AC	WA Department of Lands	Apply in writing or email for permission to dive at least four weeks in advance of trip.
Olwolgoin Cave	AC	WA Department of Lands	Miss Shannon Alford, E: Shannon.Alford@dplh.wa.gov.au Department of Lands, Planning and Heritage, P.O. Box 1143, West Perth WA 6872. Phone: (08) 6552 4661 Fax: (08) 6552 4417
Weebubbie	S/C	WA Department of Lands	P.O. Box 1143, West Perth WA 6872. A site indemnity form must be filled out for each visit to the site. Form can be downloaded from the CDAA website. 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.

CDAА INSTRUCTORS

NAME	Basic Cave	Cave Cave	Adv.	NAME	Basic Cave	Cave Cave	Adv.
NEW SOUTH WALES				VICTORIA Continued			
 FEATONBY, Tim (CDAА 3327) Worowing Heights, NSW Mob: 0402 129 253 E: tim.featonby@hotmail.com	Yes	Yes	Yes	 CLARIDGE, Linda (CDAА 2214) Mob: 0408 052 070 E: garinda@tpgi.com.au	Yes	Yes	Yes
SOUTH AUSTRALIA				 DALE, Steve (CDAА 3926) Mob: 0468 417 211 E: info@extremewatersport.com.au	Yes	Yes	
 MAIN, Robert (CDAА 4909) Mob: 0411 519 825 E: rob@reef2ridge.com	Yes	Yes		 DALLA-ZUANNA, John (CDAА 236) Mob: 0407 887 060 E: jdz@paintandcustom.com.au	Yes	Yes	Yes
 PAYNE, Timothy (CDAА 2640) Mob: 0448 147 927 E: Tim@divessentials.com	Yes	Yes	Yes	 McDONALD, Warrick (CDAА 1882) Mob: 0408 374 112 E: info@oceandivers.com.au	Yes	Yes	Yes
VICTORIA				 MONACO, Rubens (CDAА 1731) Mob: 0413 429 533 E: info@idcscuba.com.au	Yes	Yes	Yes
 ALLEN, Terri (CDAА 3483) Mob: 0419 176 633 E: terri.allen@monash.edu	Yes	Yes	Yes	WESTERN AUSTRALIA			
 BARCLAY, Gary (CDAА 1735) Mob: 0407 527 921 E: garinda@bigpond.com	Yes	Yes	Yes	 BICANIC, Josip (CDAА 4691) Mob: 0412 571 779 Email: joseph_b@me.com	Yes	Yes	
 BOWMAN, Jane (CDAА 1880) Mob: 0407 566 455 E: janelbowman@hotmail.com	Yes	Yes	Yes				
 CHAMBERS, Geoffrey (CDAА 3484) Mob: 0438 059 886 E: geoffie1@gmail.com	Yes						

PARTING SHOT

Julia Gugelmeier enters Cenote Esmerelda / Bil's Hole in Tajma Ha, near Tulum, Mexico.

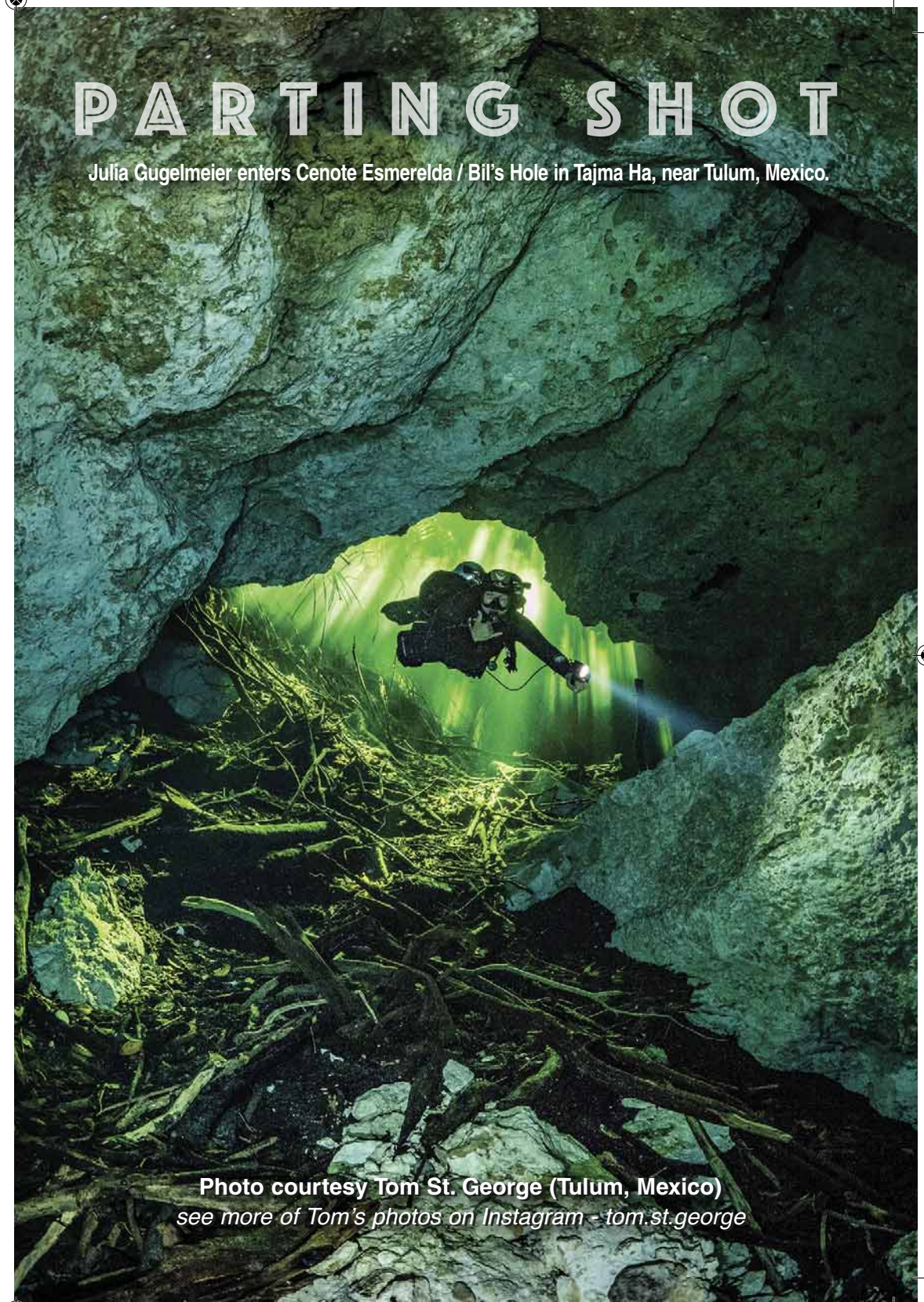


Photo courtesy Tom St. George (Tulum, Mexico)
see more of Tom's photos on Instagram - tom.st.george