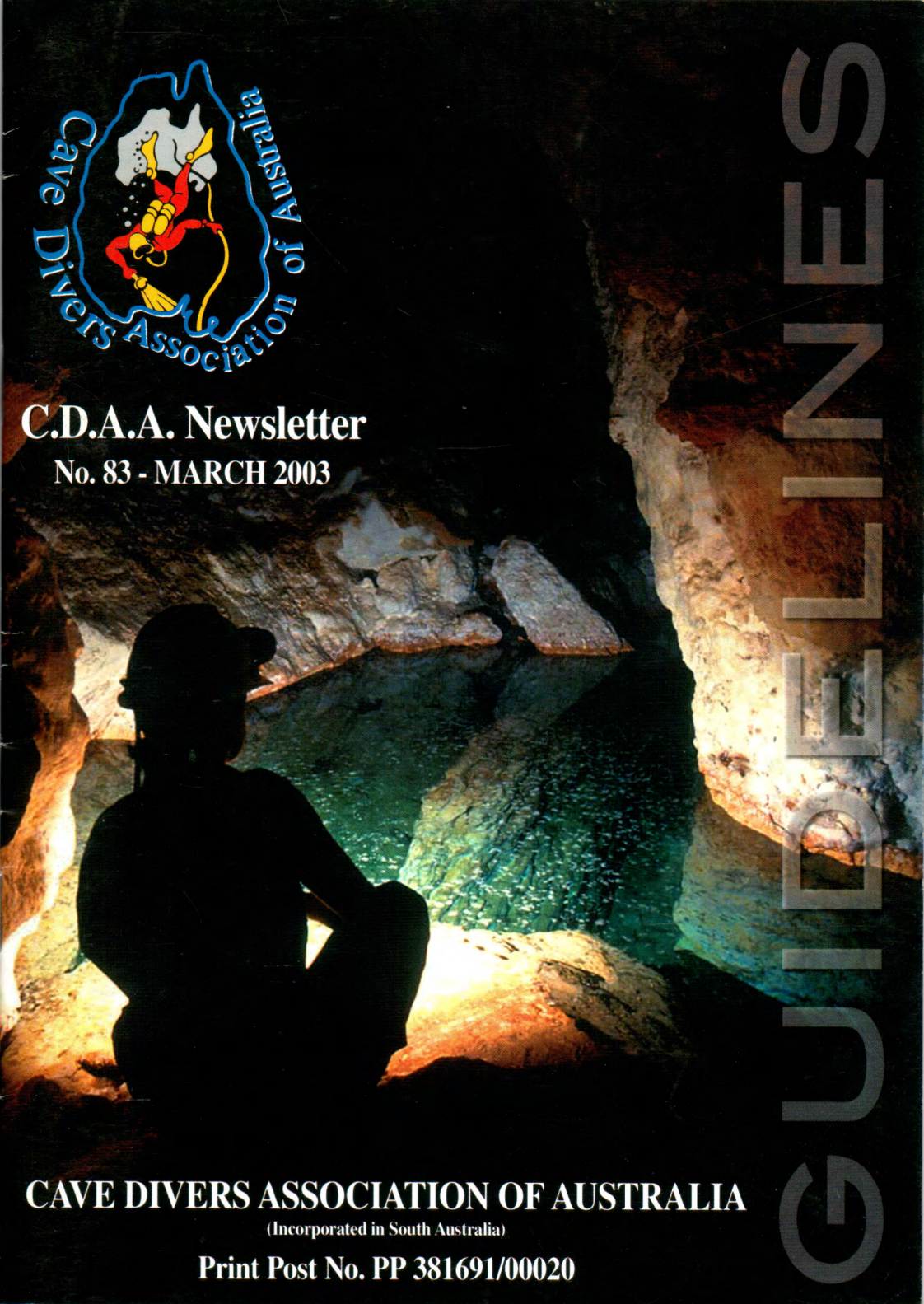




C.D.A.A. Newsletter

No. 83 - MARCH 2003



SENIOR

CAVE DIVERS ASSOCIATION OF AUSTRALIA

(Incorporated in South Australia)

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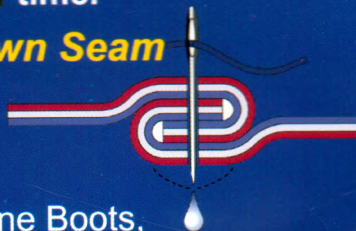
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EDITORS NOTE...

I can't believe it's April already... my elders used to say, time goes faster as you get older, or something like that. Well, I can vouch for it, I'm 34 and going grey! My new years resolution last Christmas was to travel somewhere every 3 months, either for diving, trekking or just to get away from the office. So far so good, I've just returned from Vietnam and am off to Exmouth in May. From what I understand most Cave divers make the jaunt to Mt. Gambier or other areas regularly or at least what I would call a getaway every 3 months. And just in case you've never thought of putting fingers to the keyboard we really need your articles about your dives... what makes your diving different, are you more safety conscious, do you prepare any differently before a dive or are you achieving any personal goals from cave diving?... I'm sure many other new divers would like to read your tales of exploration.

Recently I had the pleasure of introducing one of your own, Peter Dignum, to the awe of pier diving. I am happy to say he's now become a convert since videoing he and his buddy frolicking with seadragons at Flinders Pier. He's a cave diver, gone wild over pier diving and he's now talking of putting together a piece on his reflection of both. If you have anything interesting to read about we'd love to hear from you. Dave Bryant, Rosebud.



~ Articles for Guidelines ~

Members wishing to submit articles for inclusion in guidelines can do so in the following manner:

- Send articles & photos via post to:
The Editor, David Bryant,
P.O. Box 2198, Rosebud, VIC. 3939.
- Email to seapics@alphalink.com.au
- Any files for inclusion should be saved as MS WORD text files or Quark if using a Mac. If mailing please save pics and text to CD, not floppy disc and include a hard copy, thank you. Colour photos can be supplied for scanning.
- Pictures saved from digital camera or scanned from photos must be at least 200 ppi at 15cm wide or equivalent, and saved as Greyscale as JPEG's. Photos can be sent to the editor for scanning and will be returned asap.

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Front cover:

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Neil Vincent

Composite art design:
David Bryant

Area:
Mullamalang Lake

CAVE DIVERS ASSOCIATION OF AUSTRALIA

ABN 65 062 259 956

P.O. BOX 290, NORTH ADELAIDE, S.A. 5006

GUIDELINES is a newsletter of the Cave Divers Association of Australia. All articles for the following issue are to be sent to the Editor, David Bryant, PO Box 2198 Rosebud Vic. 3939. All articles and submissions shall automatically constitute an expressed warranty by the contributor that the material is original. We assume no responsibility for unsolicited material. Articles and information may be reproduced without prior permission provided reprints are accredited to the authors and GUIDELINES. Private advertising for caving and diving equipment may be advertised free at the discretion of the Editor. Opinions expressed in GUIDELINES are those of the individual authors and are not necessarily those of the C.D.A.A.

CDAA DIRECTORY

The following is a list of people that can be contacted for CDAA matters. Please contact the most relevant person or, if unsure write to: C.D.A.A. P.O. Box 290 NORTH ADELAIDE S.A. 5006 If you know who you want to write to, please address your letter to the relevant director. Website: www.cavedivers.com.au

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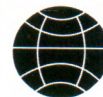
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CDAA INSURANCE

Combined Public/Products liability policy limit \$10,000,000
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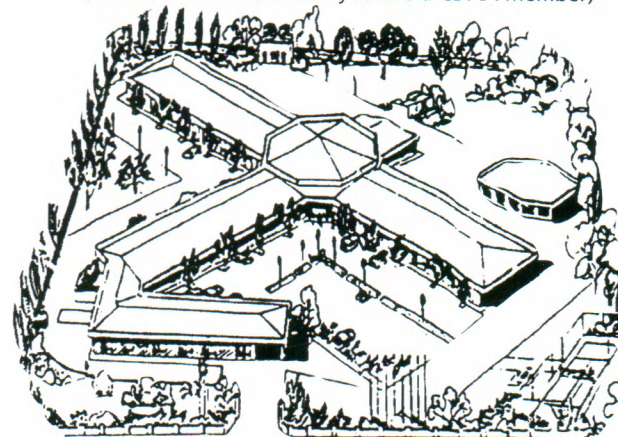


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LATE BREAKING NEWS

Kilsby's Sinkhole bookings now online.

Divers will first need to complete an indemnity and familiarize themselves with the access conditions. Dates for diving can then be booked via an online form and confirmed bookings can then be viewed online. All links are available on the Kilsby's home page at <http://www.cavedivers.com.au/kilsbys/>

Any issues, please contact Gerret Springer at rolukage@ozemail.com.au

New Cavern/Sinkhole Instructor for Darwin.

We are happy to announce a new instructor on board and from a new State, well Territory actually. And even better another female instructor.

Claire Elliott of Cullen Bay Dive in Darwin has now qualified as a cavsink instructor and will be running a course up there in March. Well done Claire!

Site stats for **cavedivers.com.au**

For January were 1043 unique visitors - our biggest month ever and first over 1000 since tracking started in Oct 2001. Site stats for February were 851 unique visitors.

NOTICE: RE EASTER PENETRATION COURSE & TEMPORARY CLOSURES...

Attention all Cave and Penetration Divers, due to logging activities, Pines, Nettlebed and Mud Holes will be closed from today, March 21 until at least April 30. Divers wishing to access these sites after that date should check the website and/or contact Forestry SA for updated information.

FOR CANDIDATES ON THE EASTER PENETRATION COURSE PLEASE NOTE.

The Easter course has been postponed. Candidates will be able to select from two choices. Either June 27 - July 2 or a split weekend course October 18/19 & October 25/26.

We apologise for this and the hole closures and ask you all to understand that the events are beyond our control. Whilst the intent to log the Forest around Pines has been on the books for some time the exact date was only provided to Forestry SA on very short notice. Please contact course co-ordinator Barrie Heard for any further details.

Letter to the Editor... 'STAR DROPPER AT ENGELBRECHT'

Dear Sir,

I am a member of the Cave Exploration Group SA and a volunteer guide at Engelbrecht Cave. As a long term project I have been monitoring water levels in the cave. When the steps were installed in the East side the divers who assisted moved the guage board to deeper water adjacent to the steps to enable levels to continue being read. Recently the readings have been fluctuating. Apparently some divers have been slinging their guideline round the board to keep it clear of the steps. As it was not possible to securely fix the guage board due to the depth of silt it is now moving. To overcome this problem I have placed a star dropper next to the guage board. This can be used as a sling point if needed instead of the guage board.

Will you please advertise the placement of the star dropper as sling point in Guidelines so all divers are aware of it and use the dropper instead of the guage board.

Thank you

Kevin Mott, Water Resources Officer



Water Policy Division, South East Region

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Letter to the Editor... "Wonders of the underground world"

Dear friends,

The Italian packaging and publishing company "Colophon" has entrusted us with the editing of a photographic book on the wonders of the underground world. It will be a 200 page, large size book containing images of the most interesting and amazing caves of the world. The book will be subdivided geographically, so as to show underground features of all continents. It will contain 50 caves/karst areas, for a total of approx. 160 photographs. These will be subdivided as follows:

- 60 double page photos - 35 whole page photos
- 70 small (half or quarter page) photos

Each cave/karst area will be described with a short text (2000 characters, including description, exploration history, speleogenesis/genetic features) schemes, maps and surveys.

The book will be published in Italian, French, German. It might also be published in English and Spanish. "Colophon" is paying \$50 USD per photo, and this will cover the rights for the edition of this book only. All authors will be clearly credited. The photos should be originals; photos may be sent to my address and will be sent back after publication. The basic condition is the good/excellent quality of the slides, as some will be printed double page size.

The company is planning to have all the material by March 20th. I kindly ask all of you to let me know whether or not you are interested in the project. I want to underline the world-wide philosophy of this publication; it is the first time something like this is attempted, and I believe it would be really worth collaborating to it.

This is all for now. Thanking you in advance, I send you my friendly, caving greetings.

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e mail: tonodevivo@tin.it or please visit www.laventa.it

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Letter to the Editor... 'KILSBYS SCOOTERS'

In a recent dive at Kilsbys, two divers used scooters during the dive and the thrust from the scooters and their poor kicking technique behind them caused 2/3 of the sinkhole to silt out. The visibility went from the usual 40+ m down to less than 5 m in some areas. These two divers were not aware of the problem that they were causing as they traversed through the sinkhole until they had made a complete circuit. We do not want to limit the use of scooters, it is only a common courtesy of those who wish to use them and that they think of others diving in the site and be aware of the devastation that the thrust from a scooter can have on the visibility within the dive site. Using scooters a reasonable distance above any silty areas and staying a reasonable distance away from other divers is not an unreasonable request.

Geoff Chambers CDAA 3484 Terri Allen CDAA 3483

Members Manual is now available on CD.

The cost for this will be \$29.95 and can be ordered by either filling out the form with your credit card details in the back of Guidelines or by downloading the product form from the website.

Alternatively just mail your request and a cheque to PO Box 290, North Adelaide, 5006.

Attention Chris Edwards.

PICTURE GALLERY



David Hillgemann has just returned from NZ where he took this photo at Riwaka Resurgence (Cave).

"Four more converts for the cause."

December 2002. Newby cavern-sinkhole divers Andrew Bowie, Dave Teubner, Richard Harris and Joe Franzese, pose with their CDAA books at the church near the Jubilee Holiday Park. Linda and Gary led these poor souls down the path to righteousness, baptising them in Gouldens, One Tree, Pics and Little Blue... completely irreverent, but totally irresistible!



FROM:
Dr Richard Harris, Specialist Anaesthetic Services & Hyperbaric Medicine Unit, Royal Adelaide Hospital

The Management of Diving Medical Emergencies in the Mt Gambier Area

with thanks to Dr Richard Harris,
Specialist Anaesthetic Services & Hyperbaric Medicine Unit, Royal Adelaide Hospital.

Concern was raised last September at the landowners forum, about the level of awareness and education of hospital staff in Mt Gambier when it comes to treating the injured diver. As a cave diving doctor I decided I might be able to help and so set out to help bring the hospital up to date, and at the same time check the arrangements for retrieving divers to either Adelaide or Melbourne.

A talk is planned for March 1st as part of an Emergency Medicine Seminar at Mt Gambier Hospital. At the same time I'll be presenting the hospital with a management flowchart in the form of a poster developed by John Lippmann (DAN SEAP) and I. This poster will see wider use in many hospitals in the South East Asia Pacific region. Finally protocols for management and retrieval of sick divers will be left with the hospital.

Having been through all the protocols, it seemed a good idea to pass them on to the CDAA members by way of a bit of a refresher!

Diving injuries occur as a result of both salt and freshwater activities around the south-east. In addition to the risks of salt water diving, caving has the additional hazards associated with access and exit from sites, depth, hypothermia, silting, entrapment and the overhead environment. But hey, at least there are no sharks! Once injury is recognised, management is the same whether diving in the sea or the sinkholes.

The role of effective first aid is so clearly recognised in diving medicine now, that all groups of divers are strongly advised to carry appropriate equipment and be familiar with its use. "D" cylinders of oxygen (which contain 1500l of gas) can be rented from Air Liquide or BOC and a DAN O2 Provider Course will give you the nec-



essary skills to administer it. Together with keeping the victim flat and maintaining hydration, rapid transport to hospital and retrieval to a hyperbaric facility will maximise the chances of a full recovery from decompression illness (DCI). The crucial steps are listed below for a diver suspected of DCI.

- Remove the diver from the water to a safe and stable environment.
- Perform basic life support if required (D.R. A.B.C.).
- Administer oxygen at as close to 100% as possible
 - ~ 1. Via an oxygen clean demand valve/regulator or
 - ~ 2. Through a plastic reservoir mask at >15 litres per minute
- Keep the diver lying flat AT ALL TIMES.
- Remove wet exposure suit and keep victim warm.
- Give oral fluid (water) if diver is conscious. Intravenous fluids if qualified to do so.
- Call for help and transport to Mt Gambier Hospital (MGH).

On arrival at the MGH the staff should continue with the first aid, perform a thorough history and examination then call a hyperbaric physician for further

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REMEMBER



CAVE DIVERS ASSOCIATION OF AUSTRALIA
(INCORPORATED IN SOUTH AUSTRALIA)

NEWSLETTER NO. 1.

This is the first of our Newsletters, in which we will let you know what is happening in the Cave Diving world. News from scene, advice about forthcoming testing sessions, mee reports, etc will be presented, along with a regular intended to cover such topics as new cave diving vests, depth gauges, and so on. Any articles or suggestions for your State secretariat.

MEETING

THE OLD DAYS...

This year marks the 30th Anniversary of the CDAA.

As such I am attempting to collate a history of sorts of our organization and would be most grateful of some assistance. In particular I am after early photos which could be scanned for both republishing in Guidelines and as part of a formal history. In particular I am after the original of the front cover of Guidelines number 40. It was a group shot of Instructors and officials at a meeting held in May, 1991.

If anyone knows the whereabouts of this, could they please contact me via the details in the front directory. Likewise I would be extremely interested in any photographs predating this issue. I know that people are often very concerned that originals get lost so if you have some and want to contact me, I am happy to organise scanning arrangements at a location of your choosing.

Many thanks in anticipation.

Chris Edwards, Publications and Records Director.

advice. If DCI is thought likely then retrieval to the Alfred Hospital in Melbourne (Victorian divers) or the Royal Adelaide Hospital (SA divers and others) should be swiftly arranged. Early treatment is associated with a better outcome than delayed. Hyperbaric treatment is covered by Medicare, but retrieval by fixed wing aircraft may incur a cost to those without ambulance cover though a retrieval to a diver's state of origin should now be the expected norm.

Don't forget that divers break legs, suffer heart attacks and get bee stings so a general update on first aid is a good investment. If you have minor symptoms that might relate specifically to diving, call one of the doctors at the Royal Adelaide Hospital on the Divers Emergency Service telephone for advice. For more severe symptoms, get thee to the hospital! D.E.S. 1800 088 200 or RAH 08 8222 6000 The Alfred Hospital - 03 9276 2000. Mt Gambier Hospital - 08 8721 1200.



Editor's Note:

Having said all that please remember that evacuation to a recompression chamber could be mighty expensive and now may be a good time to review your ambulance and/or DAN membership. For further details on DAN phone 03 98869166 or visit www.danseap.org

"High Standards"

Hi All...

Gee!! Another three months has gone. Hope you all enjoyed your diving over the Christmas break. The most important item on the agenda is the up and coming CDAA Penetration course for Easter. To those who have not put in a application with the appointed organiser "Barrie Heard" please do so as positions are filling fast so get that application into Barrie. I will be there with other instructors assisting Barrie with the program so it will be good to catch up with you. To all the new Cavern / Sink hole divers out there welcome to the CDAA. I hope that it is a wonderful new learning curve in your diving. The CDAA welcomes a new Instructor Claire Elliot in Darwin. With an Instructor in training in Rick Wiese. This is good for the CDAA and also the Northern Territory. In South Australia we have another Instructor in training Tim Featonby. Also we have another two in South Australia and Victoria considering application. If you are interested in becoming a CDAA instructor please contact me at Standards Director /CDAA web page. The Cdaa is currently in negotiations with other Tech agencies in regards to a bi partisan relationship. This is a long way from finality if ever and still requires much to be discussed... All CDAA instructors will soon be issued with new a new teaching aid in the form of a power point presentation subject to other Directors approval the standards are being reviewed an on going procedure. Well thanks for lending me time to tell of our on going.

Regards, Max B Marriott, CDAA Standards Director

NEWS

Recently, John Winkler presented a plaque on behalf of the CDAA, to surveyor Mark Oldfield. Mark has provided great assistance in the Tank Cave mapping project and according to those who attended the dinner, was very appreciative of our gesture.



NATIONAL DIRECTORS REPORT

It seems that the summer season brings with it our fair share of troubles. I can't remember a period when we have suffered so many problems with members not following access agreements. I have received so many calls from Landowners and volunteers just trying to do their job, it makes me want to scream. How hard is it to do the right thing?

The Directorate has been working on "cross-certification" for some time now and although closer to an agreed settlement within us, that doesn't mean the "other" agencies are happy. We have a lot of work still ahead on this matter so I can't see it being resolved in the short term.

It will be election time soon so it's time to put your hand up and be counted. I will not be standing for re-election for another term so the National Directors position will be open along with Site and Publications/Records. Chris and Rob have not indicated to me that they will be nominating for the position.

The new Standard AS 2299.3:2003 has been released and this covers mix and rebreather diving. It has been a long wait but now that we have it it's just a matter of adapting our Regulations to suit. This project is being started now. A few have queried why we need to use an Occupational Standard when we are "Sport" divers. It becomes clear when you realise that we dive in sites that are owned eg. Government and private land that are Workplaces. If you set foot on/in a Workplace you are bound by a number of regulations. One is that the owner has a "Duty of Care". To quote the Standards Australia guide "...provides those involved in recreational divingat a workplace with a set of requirements and guidance to prevent and control risks arising from these activities. Includes the use of air, other nitrogen/oxygen mixtures and

mixed gases as breathing media, the use of rebreather units and the conduct of decompression diving." Obviously some people are not going to like it but should an accident occur you will be asked to justify why you did not follow the Standard. If you think you can present an argument that will "stand-up" in court against the "experts" that took three years to put the Standard together - go for it! I would not like to be in your place. Remember I was on the advisory sub-committee along with three other CDAA members (Barrie Heard, Richard Taylor and Stuart Canon) and we did not get what we wanted and had to compromise. One of my objections was the use of snorkels as mandatory equipment. My request for a waiver as Cave Divers was refused although it was pointed out that we could list it under special equipment requirements and solve the problem that way.

I have been reflecting on my time as National Director and feel very frustrated at not having achieved all of what I set out to do. The mixed gas situation looks like it will finally happen and our qualified Tri-mix divers will be able to check out the bottom of the Shaft, a pity it has taken so long and as I fade into the sunset it's still not finalised by the Directorate. Arguments over manifolds are now a thing of the past and hopefully will never become an issue again. Politically apart from one or two who will never give it up the CDAA is solid and supportive. Tank Cave once looked at as the realm of the "Exclusive Few" has more divers than ever before and more access to go with it. Sure, there are still hiccups sometimes but what system doesn't have its problems. Our web site has proven to be the best communicator we have ever had. When we need to get information out there quickly this is

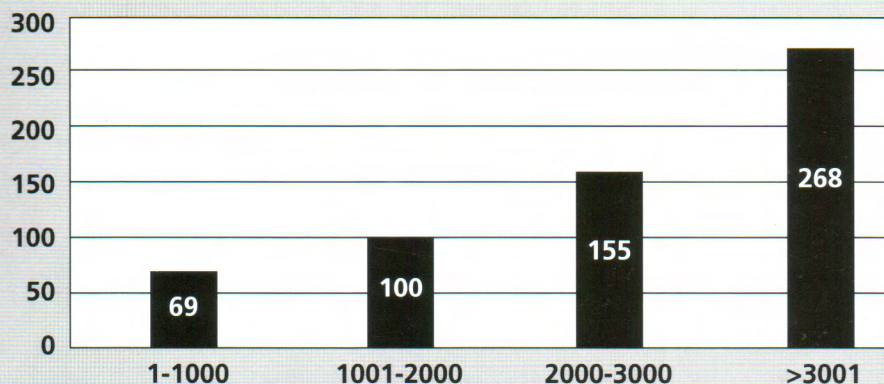
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CDAA Membership

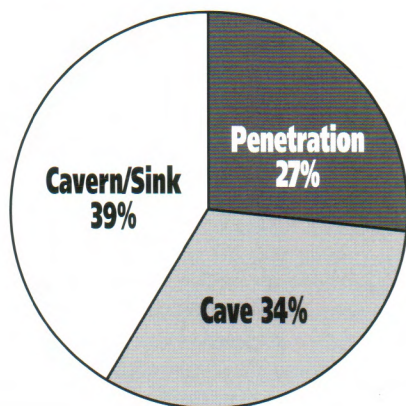
An Overview by Terri Allen, Records Officer
Email: records@cavedivers.com.au

The following statistics have been provided by Terri Allen as information relating to current Membership, diver certification levels, gender and location of members throughout Australia.

Membership by CDAA numbers total = 588 (as at 30/09/02)

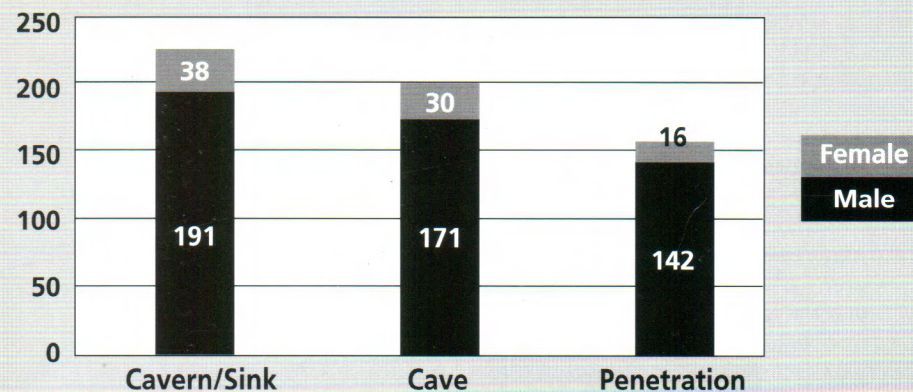


Membership by Dive Category



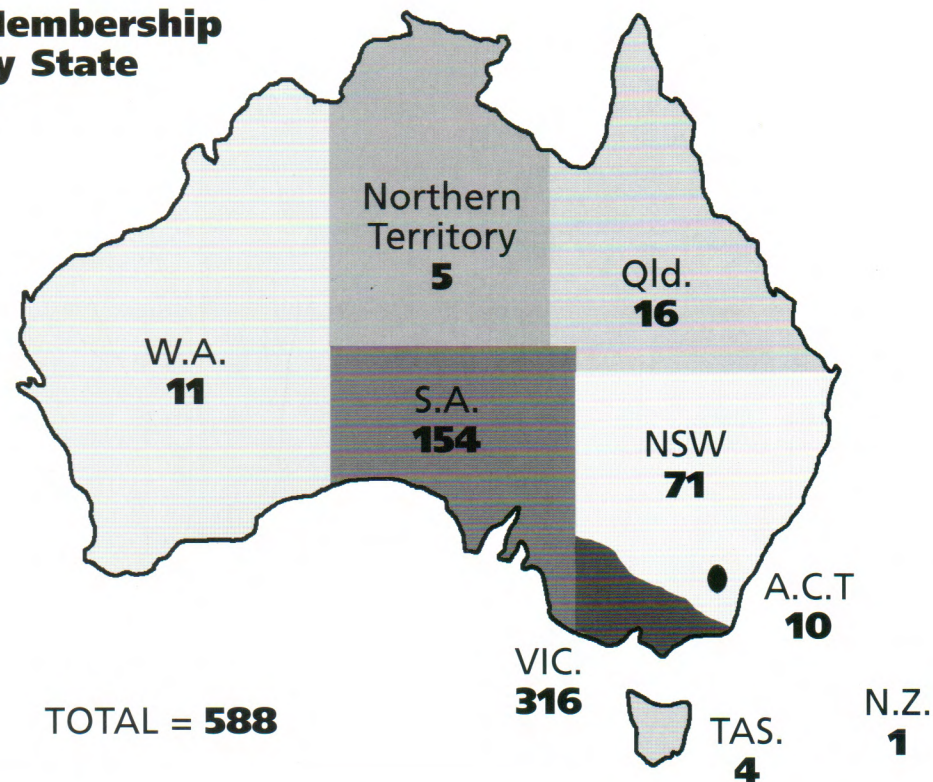
Totals
Cav/Sink = 229
Cave = 201
Penetration = 158

Category and Gender



Total membership, percentage female = 14%
c.f. UK data <10% tech diving

Membership by State



the place. The recent closure of Pines for instance was announced immediately on our site. Cross-certification or recognition of other training agencies certifications has been a major thorn in my side and this to will go unfinished, unfinalised and be a rock around the new Directors neck. Sure we've got more money in the bank than ever, but we achieved that the last time I was on the Directorate (3) in the early 90's when we were broke, not to the extent of 100 thousand odd that we have now, but from 20 grand in the red we went to 25 or so in the black at least. Given that the membership approved of my "wish list" I had plans to purchase our own dive site with part of that money. Having seen how successful this has been in the USA I knew we could do better. What's to stop us building our own training site? Why not have CDAA office on site? When I have suggested this, I have been amazed at the outcry by Instructors, some who seem to be worried that they may lose some advantage. When I took on this job I did

so making sure I received no advantage, after all I am in the dive business and teach CDAA courses. This has been to my detriment most of the time and has been a financial and time burden. The CDAA has come first but it's time I moved on and changed my priorities. I will still be a Tank Cave Guide, still teach CDAA Courses and if things don't work out I'm sure to stand again and beat myself up 'cos that's my nature.

This won't be my last National Directors Report as we have one more issue to go, so I am looking forward to some interesting times. Let me finish with some questions for you. Do you think officers of other Training Agencies should be allowed to hold Directorate positions? Should we buckle under pressure from Training Agencies to accept their divers as CDAA members? Just how far do we go with cross-certification, do we accept every Training Agencies Cavern Divers given that they attend a CDAA access/standards updates and can present SRT qualifications? How do we control mixed gas divers and make sure that they are following standards as set by the CDAA? Do they need control? Why should the CDAA get involved with who's doing what, surely if we have a Standard eg. AS 2299.3:2003 then if we have CDAA requirements to go with it, it's up to the individual to follow or pay the penalty if an accident occurs. Law in Australia is interesting, not only will the DLI go through you and Workplace Australia (or similar body) but the Police will perhaps charge you as well (see recent cases in Sydney) Personally I don't want manslaughter charges brought against me as a Director of the CDAA or for that matter ever! But don't officers of the CDAA have a "Duty of Care" as well to make sure that Standards are being followed?

Regards,
Warrick McDonald
CDAA National Director.

WANTED



ARTICLES 4 GUIDELINES

IF SIGHTED PLEASE SEND
IMMEDIATELY, TOGETHER WITH
ANY PICTURES TO:

The Editor, David Bryant
P.O. Box 2198, Rosebud VIC 3939.

REWARD

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Major Expo Features will include:

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Official Journals

DIVING **DIVELOG** **INTERNATIONAL**
MAGAZINE **AUSTRALIA** **FREEDIVING**

CDAA SITE ACCESS

Remember: Access is a privilege, not a right. Please be considerate of landowners wishes.

CN = CAVERN S = SINKHOLE C = CAVE P = PENETRATION

| SITE | LEVEL | OWNER | ACCESS DETAILS |
|---|-------|--|---|
| MOUNT GAMBIER - SOUTH AUSTRALIA | | | |
| Ewens Ponds | Nil | DEAH P.O. Box 1046 Mt Gambier 5290 (08) 8735 1177 | Groups of 6 or more, phone/mail to Dept. for Environment & Heritage (DEAH) Smaller groups, no need. |
| Horse & Cart | CN | Peter Cunningham | By phone or mail, 1 week prior. Ph: (08) 8738 4003. |
| Tea Tree | CN | PO Box 2168, Mt Gambier 5290 | |
| Little Blue | S | Port MacDonnell | Little Blue - permission not required - must carry card. |
| Allendale | C | Port MacDonnell | Obtain key from Lady Nelson Tourist Information Centre. |
| Gouldens | CN | DEAH | General Diving: Divers to contact DEAH and notify of date and site to be dived. Divers must have the correct CDAA diving endorsement for the site and carry current financial CDAA membership card. The diver must have signed an indemnity with DENR before access is permitted. Contact by email at: moffatt.margaret@saugov.sa.gov.au Training: The Instructor is to notify DEAH of the date the sites are needed and to forward signed indemnities from each student and their temporary card number/ membership number. |
| 2 Sisters | CN | P.O. Box 1046 | |
| Fossil | C | Mt Gambier 5290 Ph: (08) 8735 1177 | |
| Ela Elap | S | Mr. Peter Norman | Visit the house before diving. |
| One Tree | S | Private Bag 67, Mt Gambier 5290 | If no one home - no dive! |
| Piccaninnie Ponds | S | DEAH P.O. Box 1046, Mt Gambier 5290 | Permit holders by phone. Be aware of delicate vegetation. Indemnity form to be completed Ph: (08) 8735 1177. Book also by email to: moffatt.margaret@saugov.sa.gov.au Faxed copies of cards no longer accepted when booking. |
| Hells Hole | S | ForestrySA | Contact ForestrySA by mail, phone, fax or email to arrange permit. Collect permit from |
| Pines | P/C | PO Box 162 | Regional Office or Carter-Holt Harvey Mill gatehouse, Jubilee Hwy., Mount Gambier. |
| Mud Hole | C | Mt Gambier 5290 Ph: (08) 8724 2876 8.00am - 4.30pm weekdays Fax: (03) 8724 2885 | No diving on total fire ban days. Hells Hole key from Lady Nelson. Forest Work Bans may be applied by ForestrySA if forest fire danger is expected to reach extreme. Such bans also exclude the public from entering the forest. If in doubt, please check with Karren Laudenbach, although signs are generally erected at diving sites on such days to indicate such bans. Permits required for compressors during fire danger season. |
| Email: forestrysa@saugov.sa.gov.au | | | |
| Kilsby's | S | Landowner leased to S.A. Police | Restricted access conditions apply - refer Guidelines Issue 54. Twin tanks, maximum of 40 metres depth. Write to: Gerret Springer, 30 Lorikeet Street, Mt Gambier SA 5290. Email: rolukage@ozemail.com.au , 4 to 6 weeks prior to wanting to dive. Please enclose stamped self-addressed envelope (Do not contact landowner). Access date now the first weekend of every month. No animals permitted. No mid-week diving. |
| Shaft | S | Generally open one weekend a month L. Claridge P.O. Box 290 North Adelaide 5006 Ph: (03) 5565 8793 A.H. Mob: 0408 052 070 | For access dates contact Linda Claridge. Also, see Special Access Bulletin in Guidelines issue 69. Nitrox as a diving mix is not allowed in the shaft. Deco mixes ATTACHED to a shot line are permissible. Divers applying to dive in the Shaft must have documented experience of a least 5 twin-tank dives. Email: garinda@tpgi.com.au |

CDAA SITE ACCESS

| SITE | LEVEL | OWNER | ACCESS DETAILS |
|--|-------|------------------------------|---|
| MOUNT GAMBIER - SOUTH AUSTRALIA (continued) | | | |
| Max's Hole | C | | Currently pending access arrangements with new owner. |
| Hann's cave | P | P & A Lasslett | Groups of four divers only apply in writing to Site Director. Limited groups will be allowed access over the summer months. The site is very delicate and therefore only limited access is available. Divers applying will be notified as to further access details. Please include a stamped self addressed envelope. |
| Engelbrechts | | Mt Gambier | Obtain key from Mt Gambier Tourist Information Centre. Access agreement must be signed prior to diving. 2 divers must sign out keys, all divers must sign in |
| - East | C | Council | advising which groups they are diving with. NOTE: Special conditions apply during March and April... See notice this issue. Please book public holiday dives with lessee. |
| - West | P | Lessee Ph: (08) 8723 2299 | |
| Three Sisters | P | Millicent Council | Contact Records Officer. Access available for experienced Penetration divers only. Low profile or side mounted independent air systems required. Access agreement must be signed prior to diving. Please allow 4 weeks for indemnities to be processed. |
| Iddlebidy (5L250) | P | ForestrySA PO Box 162 | 5L250 open every Saturday. 5L290 open every weekend. Max. 4 divers per dive per day, 1 dive per day for each site. Only Penetration divers. |
| Nettle-Bed (5L290) | P | Mt Gambier 5290 | Bookings from Forestry Office - key from Lady Nelson. Contact ForestrySA by mail, email or fax to arrange permit. Collect permit from Regional Office or Carter-Holt Harvey Mill gatehouse, Jubilee Hwy., Mt. Gambier. No diving on total fire ban days. Forest Work Bans may be applied by ForestrySA if forest fire danger is expected to reach extreme. Such bans also exclude the public from entering the forest. If in doubt, please check with Forestry Ranger Karren Laudenbach or Forestry Office, although signs are generally erected at diving sites on such days to indicate such bans. Permits required for compressors during fire danger season. Email: forestry.recreation@saugov.sa.gov.au |
| McKay's Shaft | S | | Contact South East representative Phil Argy at Mt. Gambier access and indemnities. |
| Tank Cave | P | Mr. DY CER | Access Manager: Noel Dillon Email: noel.dillon@macquarie.com |
| Baker's Cave | C | | Please write to the Site Access Director to dive in Baker's Cave. Include stamped self-addressed envelope. Climbing equipment required. Only open October to April. |
| NULLARBOR - WESTERN AUSTRALIA | | | |
| Cocklebidy | C | | Apply in writing for permission to dive at least 4 weeks in advance of trip to: |
| Murra El Elevyn | P/C | | District Manager, C.A.L.M., PO Box 234, Esperance, W.A. 6450. |
| Tommy Grahams | C | | Phone: (08) 9071 3733 Fax: (08) 9071 3657 |
| Weebubbie | S/C | | Apply to Assistant Project Officer, South East Region Team, Land Administration Services, The Department of Land Administration. Phone (08) 9273 7215 Fax (08) 9273 7414 Email: kym_squires@dola.wa.gov.au |
| N.S.W. - WELLINGTON CAVES | | | |
| Limekiln (McCavity) | P/C | | Both Penetration and Cave Level are being accepted for this cave depending on it's water level at the time. The cave has a restriction at the entrance which is underwater making it a Penetration Dive. During drought, the water level drops to form a small lake below the restriction allowing experienced Cave Divers access to this delicate cave. |
| Water (Anticline) | C | | Affected by high CO ₂ levels during Summer/Autumn. Access arrangements are co-ordinated with an already commissioned research group. Contact Greg Ryan (02) 9743 4157 h, greg@cs.usyd.edu.au |
| Rum Jungle Lake | S | | Unrestricted access currently exists - Please refer advice in Guidelines No. 68 or check CDAA website. |
| Burrinjuck | S/C/P | | This is a tri rated site. Please see details in issue No. 73. There are no specific access arrangements. |

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George Yarra - 0418 847 889 Email:
gumbyg@adam.com.au

GUIDELINES DEADLINES

If you would like to contribute to Guidelines in 2002/3, you should note the following deadlines for submission of materials:

Deadlines for publication:

20th May for June 2003 • 20th August for September 2003

TANK CAVE

~ DATES FOR 2003 ~

| | DATE | | DATE |
|----|-------------------------------------|----|---------------------------------|
| 1 | January 25-27 (Australia Day) | 13 | August 2-3 |
| 2 | February 22-23 | 14 | August 16-17 |
| 3 | March 8-10 (Vic. Labour Day) | 15 | August 30-31 |
| 4 | March 15-16 | 16 | September 13-14 |
| 5 | March 29-30 | 17 | September 27-28 |
| 6 | April 18-21 (Easter) | 18 | October 4-6 (SA/NSW Labour Day) |
| 7 | April 25-27 (Anzac day - Map W'end) | 19 | October 18-19 |
| 8 | May 17-19 (Adelaide Cup) | 20 | November 1-2 |
| 9 | June 7-9 (Queens B'day) | 21 | November 15-16 |
| 10 | June 21-22 | 22 | November 29-30 |
| 11 | July 5-6 | 23 | December 13-14 |
| 12 | July 19-20 (Mapping Weekend) | 24 | December 26-28 (Christmas) |

NOTICE FOR INSTRUCTORS

Procedure for ordering student packs:

1. Check you are insured & financial.
2. Send order & cheque or by phone/credit card.
3. Allow 14 days from when the order is received - so allow plenty of time.
4. Student kits cannot be returned.
5. Instructors must be active.
6. Please do not pass my number on to dive shops - you should deal with them not me.

• INSTRUCTOR RENEWALS •

**INSTRUCTOR RENEWALS WERE DUE ON 31st DECEMBER 2002.
AVOID DELAYS IN PROCESSING YOUR REQUESTS FOR
MATERIALS BY SENDING YOUR RENEWAL ASAP.**

Instructor Renewals - PO Box 290 North Adelaide 2006

Deb Williams, Instructor Materials Officer - 0419 882 800
Email: debwilliams@bigpond.com

CDAA INSTRUCTOR SUMMARY AS at 20/3/03

| NAME A.C.T. | CONTACT No.s | STATE | Cavern | Sinkhole | Cave | Email |
|------------------------|---|-------|--------|----------|------|--------------------------|
| APPS, HEIKE | BH 02 6249 9170 AH 02 6291 0566 | ACT | Yes | Yes | No | heike.apps@ga.gov.au |
| N.S.W.. | | | | | | |
| GRILLS, PETER | Home 02 4950 6262 Mobile 0419 820 920 | NSW. | Yes | Yes | Yes | peter_grills@hotmail.com |
| ROBERTSON, ANDREW | Home 02 9548 5987 Work 02 8868 8025 Mobile 0417 664 255 | NSW. | Yes | Yes | No | buggs@tig.com.au |
| WALTERS, DESMOND | BH 02 6041 1405 AH 02 6025 3506 | NSW. | Yes | Yes | Yes | descend@albury.net.au |
| SOUTH AUSTRALIA | | | | | | |
| MARRIOTT, MAX | AH 08 84473360 Mobile 0428 897 897 | S.A. | Yes | Yes | Yes | dive69@senet.com.au |
| YARRA, GEORGE | BH 08 8447 5771 Mobile: 0418 847 889 | S.A. | Yes | Yes | No | gumbyg@adam.com.au |
| WEST AUSTRALIA | | | | | | |
| BUSH, GARY | BH 08 9281 9460 AH 08 9367 4701 | W.A. | Yes | Yes | Yes | gary.bush@bigpond.com |
| HANSON, JOHN | BH 08 8348 4289 AH 08 8269 1083 | W.A. | Yes | Yes | No | |
| NTH. TERRITORY | | | | | | |
| ELLIOT, Claire | BH 08 8981 3049 Mobile 0417 808 647 | N.T. | Yes | Yes | No | |
| VICTORIA | | | | | | |
| AXTON, PAUL | BH 9579 2600 Mobile 0419 346 442 | VIC. | Yes | Yes | Yes | lozhard@bigpond.com |
| BARCLAY, GARY | AH 03 5565 8793 Mobile 0407 052 074 | VIC. | Yes | Yes | Yes | garinda@tpgi.com.au |
| BOWMAN, JANE | BH 03 9579 2600 Mobile 0407 566 455 | VIC. | Yes | Yes | No | info@aboccean.com.au |

CDAA INSTRUCTOR SUMMARY AS at 20/03/03

| NAME VICTORIA cont. | CONTACT No.s | STATE | Cavern | Sinkhole | Cave | Email |
|------------------------|---|-------|--------|----------|------|----------------------------|
| BUGG, STANLEY | BH 03 9379 5767 AH 03 9379 8791 | VIC. | Yes | Yes | Yes | sbugg@micromica.com.au |
| CLARIDGE, LINDA | Mobile 0408 052 070 AH 03 5565 8793 | VIC. | Yes | Yes | Yes | garinda@tpgi.com.au |
| CORNELL, BRIAN | Home 03 5985 2514 | VIC. | Yes | Yes | Yes | cornell@alphalink.com.au |
| DALLA-ZUANNA, JOHN | Home 03 9434 1216 Work 03 9480 1316 Mobile 0407 887 060 | VIC. | Yes | Yes | Yes | jdz@smart.net.au |
| EDWARDS, CHRIS | BH 03 9528 444 AH 03 95983538 | VIC. | Yes | Yes | No | cedwards@teksupport.net.au |
| HEARD, Barry | BH 03 5626 1338 AH (03) 5627 6474 Mobile 0419 401 276 | VIC. | Yes | Yes | Yes | bheard@dcsi.net.au |
| MCDONALD, WARRICK | Work 03 9640 0064 Mobile 0408 374 112 | VIC. | Yes | Yes | Yes | info@aboccean.com.au |
| MONACO, Ruebens | BH 03 5985 9365 AH 03 5985 4193 | VIC. | Yes | Yes | No | info@divemelbourne.com.au |
| WEALTHY, ROBERT | Mobile 0417 524 005 Home 03 5985 8338 | VIC. | Yes | Yes | Yes | wealthy@pac.com.au |

RE: SHAFT - DID YOU KNOW...

Some divers are fronting up to dive this site without a harness, carabineer or even a sling. Whilst prior arrangements with the guide may allow for this to occur, please be aware that you may be charged for the hire of those items. The guides will happily supply the A-Frame, ropes and pulleys but it is highly recommended that you own your own personal climbing equipment.

SHAFT DATES, 2003

The upcoming dates are...

May 17/18 • June 21/22 • July 5/6 • Aug. 2/3

For information on any Shaft or course dates contact
Linda Claridge on 03 5565 8793 or email garinda@tpgi.com.au

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Contact Jane Bowman 03 9579 2600

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Contact Warrick McDonald 03 9579 2600, 0408 374 112

or email abocean@dingley.net

CAVE COURSE, MOUNT GAMBIER.

APRIL 15-17 inclusive • MAY 3-5 inclusive

Contact Gary or Linda 03 5565 8793 or email garinda@tpgi.com.au

CAVERN/SINKHOLE COURSE, MOUNT GAMBIER.

APRIL 22-25 inclusive • MAY 30-JUNE 5 inclusive

Contact Gary or Linda 03 5565 8793 or email garinda@tpgi.com.au

CDAA PRODUCTS ORDER FORM

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NORTH ADELAIDE, SA 5006

| | QTY / COUSIZE | ITEM | UNIT PRICE | TOTAL |
|----------|------------------|--|---------------|-------|
| BOOKS | | Cave Diving Communications. A manual from NSS - CDS dealing exclusively with all underwater communications used in cave diving. Including touch, torch and line signals, and use of line arrows and jump reels. A must for all cave divers bookshelves. | \$17.50 | |
| | | Cave Diving - A Blueprint for Survival. A book by the world-renowned cave diver, the late <i>Sheek Exley</i> , this is a case study of a number of accidents that have occurred in the USA and how to avoid them. | \$15.00 | |
| | | Basic Underwater Cave Surveying. The standard publication for anyone remotely interested in research and survey techniques used in water filled caves. | \$30.00 | |
| | | CDAA Occasional Paper No. 2. <i>From National Conference 1981.</i> Includes topics such as Fossil Cave, Belay Techniques and Cocklebirdy 1979. | \$2.00 | |
| | | DAN Emergency Handbook. Revised 1995 edition by Lippmann and Bugg. Printed on waterproof paper this essential first aid manual should be part of every cave divers' kit. | \$17.00 | |
| | | NSS Cave Diving Manual. The standard reference manual in cave diving covering just about every conceivable topic. New Edition. | \$55.00 | |
| | | The Darkness Beckons. By Martyn Farr. The history and development of cave diving. | \$75.00 | |
| | | An Introduction to Technical Diving. By Rob Palmer. | \$45.00 | |
| | | Deep Into Blue Holes. By Rob Palmer. This is the project manual written about his trips to the Bahamas, diving some of the most advanced and spectacular caves in the world. | \$55.00 | |
| | | NSS Cavern Divers' Manual. The standard reference manual in cavern diving covering almost every conceivable topic. Also most principles behind safe sinkhole and cave diving. | \$30.00 | |
| | | Caverns Measureless to Man. Sheek Exley. | \$46.00 | |
| | | Cave Practice & Equipment. Edited by David Judson British Cave Research Association. Updated 295 Page book fully illustrated with over 200 line drawings & 33 pages of dramatic photographs. Full chapter on cave diving by Martyn Farr. | \$40.00 | |
| | | New Edition of Peter Horne's Lower South East Cave Reference. An illustrated catalogue of the Lower South East Region of South Australia. | \$130.00 | |
| | | Australian Caving Diving - A Contrast. By Tony Carlisle. Four short documentary type videos on Warbla Cave, Three Sisters Cave, The Road to Toad Hall and Tank Cave. Reviewed in Guidelines 54. | \$25.00 | |
| VIDEOS | | Australia "Nullarbor Dreaming". A world record exploration into a desert cave. During November 1988, a team of Australian cave divers set out on an amazing adventure to explore the mysterious subterranean waters of the Pannikin Plains cave. This epic underwater exploration nearly ended in tragedy when a freak cyclone storm hit the area and the cave collapsed trapping the expedition below. The program is a graphic account of the expedition and their escape from the cave. Executive Producer - Andrew Wight. | \$29.95 | |
| | | Florida "Window to a Hidden World". The ultimate cave diving adventure. Andrew and Liz with fellow cave diver-explorer Wes Skiles, take us on a journey to discover the beauty and danger of the Florida aquifer. Beneath the surface of Florida lies one of the planet's largest freshwater reserves. The intricate system of water filled caves is now under increasing environmental threat from the population above. Producers: Andrew & Liz Wight. | \$29.95 | |
| | | Mexico "Water of the Gods". An exploration of ancient Maya ruins and underwater caves. Under the densejungle of Mexico's Yucatan Peninsula lies a vast freshwater source relied upon by the ancient Mayas - a mysterious and complex people who built and occupied complex limestone cities in this region for over two thousand years. The Wights explore their hidden caves, uncovering their beauty and mystery, and providing a link to the past. Producers: Andrew & Liz Wight. Director: Liz Wight. | \$29.95 | |
| | | Cuba "Beneath the Surface". The underworld of Cuba. This documentary explores the role water has played throughout time in the history of Cuba. It reveals some of the many beautiful aspects of this magical Caribbean island, explores the bizarre subterranean caverns and provides unexpected contrasts with Cuba's turbulent history. This is an expose of a Cuba we believe we know. Producers: Andrew & Liz Wight. Director: Liz Wight. | \$29.95 | |
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| | | Beanies. Navy only. | \$17.95 | |
| | | Caps. Black only. | \$19.95 | |
| MISC. | | CDAA Key Rings. Blue with gold motif. CDAA P.O. Box on back. | \$5.00 | |
| | | CDAA Stickers. Yellow. (Include stamped, self-addressed envelope for delivery.) | \$1.00 | |
| | | Tank Cave Poster. Full Colour 14 1/2" x 25" poster of Tank Cave by Peter Rogers. Price includes p&h. | \$8.00 | |
| | | Members manual CD ROM | \$29.95 | |

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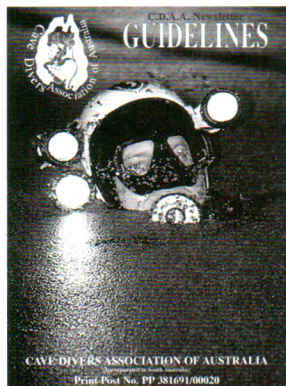
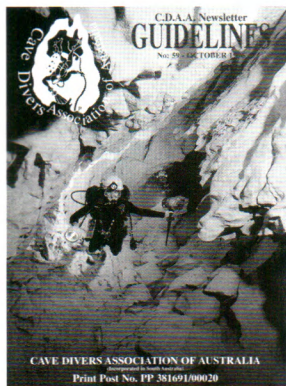
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The Latest in LED Back-up Technology



IMPACT

The IMPACT utilizes a unique proprietary optical lens system that focuses and projects the light making it easier to see objects over 50 yards away. The Energy efficient state of the art ultra bright L.E.D., provides unsurpassed brightness time for a torch of it's size. With a burn time in excess of 150 hours it is fast becoming one of the most sort after backup torches for cave & wreck diving on the market.

SPECIFICATIONS:

- 275 LUX of power at 2 Feet
- 10,000 hrs L.E.D bulb life
- 4 AA Alkaline Batteries (Included)
- Focused Wide Beam reflector
- Burn Time 150+ Hrs.
- Lifetime warranty

Available in: BK, BL, GR, NY, RED



IMPACT2

The New IMPACT II is an ergonomically designed, smaller and lighter version of the IMPACT light. Powered by four AAA batteries, it's more compact than it's big brother but boasts the same proprietary optical lenses system that shoots a focused beam of L.E.D. light where you need it. It's sculpted curved design makes the IMPACT II easy to handle, and comes with a built in plastic belt clip.

SPECIFICATIONS:

- Power - 260 LUX at 2 feet
- Batteries - 4 x AAA Alkaline (Included)
- Burn Time - 75+ Hrs.
- Weight - 80.8 grams
- Lifetime warranty

Available in: BK, BL, RED, YL



'What torch can be dropped, bashed, hit kicked and thumped without the bulb filament breaking? Has 150 hours of burn time on 4 AA batteries(over 150 dives)? A globe lifetime of 10,000 hours(over 10,000 dives or a lifetime of fun in the water)? If you answered the New Impact Torch from Princeton Tec and Oceanic Australia, then you must already own one. A cave and wreck divers best friend when you're a long way from home. They're so damn good I bought the company (well four of their torches anyway). Look out HID technology, these LED's are about to take over.

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