



C.D.A.A. Newsletter

No. 97 - SEPTEMBER 2006

CAVE DIVERS ASSOCIATION OF AUSTRALIA

(Incorporated in South Australia)

Print Post No. PP 381691/00020

SENTINEL

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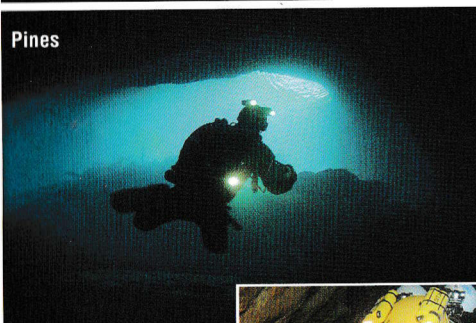
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~ GUIDELINES GALLERY ~

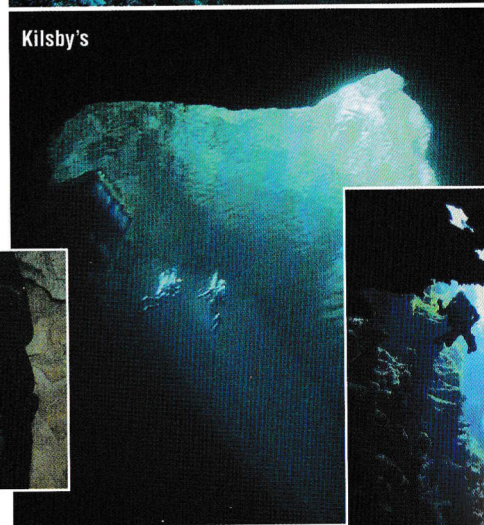
From Dino Donatucci, a selection of fantastic images from the Mount, including Piccs, Kilsby's, Fossil Cave and Pines.



Fossil Cave



Pines



Kilsby's



Pines



Piccs



Piccs



Piccs

EDITOR'S CORNER

Publications and Records Director Annual Report 2006.

The association has had a very successful year with memberships with 804 members to June 30 2006 an increase compared with the last few years (751, 2005; 754, 2004). We had a total of 126 new members compared with 93 the year before. The breakdown of member's categories are as follows:

• Cav/Sink 355 (last yr 317) • Cave 246 (last yr 238) • Penetration 202 (last yr 194)

The inactive membership was once again a popular choice. This has been pushed by the records officer and has kept members we may have normally lost. We also had a number of people rejoining after a few years and a couple rejoins.

Michael Kelly has continued to provide a superb effort as records officer. Surely one of the toughest jobs in the association. He has provided very fast turn arounds of renewals well beyond the call of duty. Please remember he is a volunteer. All renewals are due on June 30 each year. If you decide to do a dive in late August please don't expect that if you mail your renewal in and pay by EFT at the start of the week that everything can be done for you ready to go diving that weekend. Each of us has a life outside of the CDAA and need time for everything to be processed.

The new colour card printing system purchased last year has been a real hit with members and landowners alike. This has taken some of the pressure off the RO.

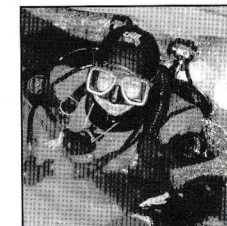
On the products front we have introduced a new DVD on Sidemounting (thanks to Warrick and Dean) as well as a CD with every issue of Guidelines on it from 1-95 both for just \$10 a bargain. Products continued to sell well this year thanks to Paul Leslie and now more recently his job has been taken over by Helen Higgins from Melbourne.

Guidelines revenue is up slightly. We have continued trying to fit 8 pages of colour in each issue to accommodate ads as well as lots of great members photos. We have taken on new advertisers dive shops, gear manufacturers and accommodation. David Bryant is paid by the association to do all the layout, design the ads as well as organise all the printing. I continue to enjoy working with him, he is a real professional. Thanks to everyone of you who contributed articles and photos to make Guidelines something we can all be very proud of.

Tony Richardson continues to work as our efficient webmaster. New bookings services are now available, new ways of displaying images, new maps thanks to Stu and perhaps soon new on-line voting.

Warrick and Jane were recently interviewed by ABC radio and the transcript is available on the ABC web.

Thanks to my fellow Directors for another busy but fruitful year. A special mention to Warrick as our front man having to take all the punches for the rest of us and to Heike for her diligent hard work quietly getting things done in the background. Looking forward to Oztek 2007, next March.



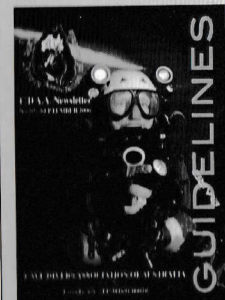
Terri Allen, Publications and Records Director,
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Front cover:

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Craig Challen.

Photographed at
Kija Blue,
The Kimberley, W.A.

Composite art design:
David Bryant

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An Important Letter to Members, re Membership Renewals.

It may be timely for CDAА members to be reminded about the need to allow sufficient time for renewing CDAА memberships and organising Diving Indemnities prior to dive dates.

Following last Friday's events, as per our phone conversation, this weekend we have another 2 dive bookings in Piccaninnie Ponds where divers have left it till the last minute to send off payment to CDAА. Since Diving Indemnities are also only being mailed into our office at the last minute we are not being given sufficient time to process bookings, especially those which are not straight forward, such as these.

Would you mind following this up with the relevant person in CDAА. Many thanks.

Trudy Barnett,
Administrative Officer

South East Region Regional Conservation
Department for Environment & Heritage

JENOLAN CAVES NAMED WORLD'S OLDEST!

NSW's Jenolan Caves have been named the world's oldest discovered open caves after new Australian cave-dating research found them to be 340 million years old.

Scientists from the CSIRO, the University of Sydney and the Australian Museum used clay-dating methods to test the limestone caves near the Blue Mountains that attract thousands of tourists each year.

The technique, which was developed by the CSIRO to help petroleum exploration companies find oil deposits, is a variation of conventional potassium-argon dating, which can calculate the age of minerals by measuring levels of decay caused by radioactive potassium.

Armstrong Osborne, a senior lecturer at the University of Sydney, said he has long suspected the caves were older than the previous estimate of 90 to 100 million years. But he said he was surprised to find they dated back 340 million years.

"We've shown that these caves are hundreds of millions of years older than any reported date for an open cave anywhere in the world," Dr Osborne said.

"Even in geological terms, 340 million years is a very long time.

"To put it into context, the Blue Mountains began to form 100 million years ago; dinosaurs became extinct 65 million years ago, and Tasmania was joined to the mainland as recently as 10,000 years ago."

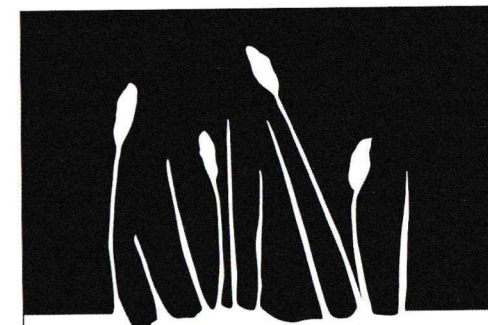
The study is published in the latest issue of the Australian Journal of Earth Sciences.

GUIDELINES DEADLINES

If you would like to contribute to Guidelines in 2006 and 2007, you should note the following deadlines for submission of materials:

Deadlines for publication:

20th Nov. for Dec. '06 • 20th Feb. for March '07



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'The Spirit of Kija'

by John Dalla-Zuanna

Just over 12 months ago, Paul Hosie, with Ken Smith and Paul Boler, brought us images of a most remarkable sink-hole called Kija Blue. I had marked the pages on my internet favourites and would constantly go back to look at these beautiful pictures of crystal clear and warm water dives in the remote Kimberley region. I saw the boys being choppered in, setting up camp and diving to their hearts

content... real "Clancy of the Overflow" stuff, you know.... "I am sitting in my dingy little office...." Anyway, imagine my excitement when Paul invited me to join him, with Ken Smith, Richard Harris, Craig Challen and Steve James on the forthcoming expedition... Where do I sign??? That was August 2005. I have just returned from a two week excursion that saw 6

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helicopter loads of equipment including a generator, compressor, 7 rebreathers and OC bottles with helium and oxygen, specialized equipment, food and camping gear taken in to approximately 300 meters from the entrance of Kija Blue Sinkhole.

Each day we hauled gear to and from the hole, the obligatory lowering and raising all the equipment over the overhang and then carting it down to the waters edge.

As this hole had only been dived and explored to around 60meters, there were lots of areas to search in the initial dives. We chose to do a number of radial swims to determine the extent of the hole and when we bottomed out, we would swing left or right depending on where the leads took us... Most of the dives in the larger area were in 90 meters plus and only towards the end of our stay did we reach a "larger" tunnel. This continued to at least 115 meters depth and close on 400 meters horizontal from the entrance, ground zero. As the eventual map will show, most of the swim beyond 60 meters in depth is working your way through fairly large gaps between the talus mound and the roof of the cave amongst very large roof collapse boulders (the size of buses!).

A separate area was also explored, its only entrance being a slot in the floor at 18 meters depth - this leads to an opening approximately 60 meters in diameter, appropriately called the Colloseus Room! The maximum depth here is 65 meters.

A follow up article will outline the dives and survey work, including an updated map - so please stay tuned.

Acknowledgments. The team would like to acknowledge and thank the local cavers in Kununurra who "rediscovered" the cave: John Cugley, Dave Woods and Donna Cavlovic. Their generosity and passion for caving and cave conservation is second to none. Thanks to our major sponsors Seaoptics Adelaide and Dive Rite Australia for their tremendous support. Thanks also to CCR Diving in Perth and John Lippmann from DAN SEAP.

See page 34 for some fantastic colour images of Kija Cave.

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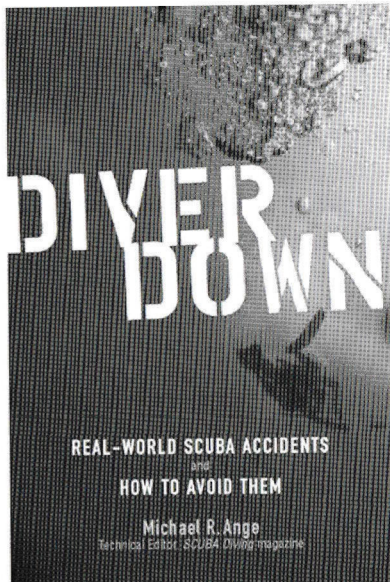
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* Book Review *



Title: **Diver Down – Real World Accidents and How To Avoid Them**
Author: **Michael R. Ange**
Publisher: **McGraw-Hill 2006**
Purchased: **www.amazon.com**
Price: **\$15.95 US**

The late Sheck Exley pioneered the methodology of accident analysis in his book *Basic Cave Diving – A Blueprint for Survival* in the 1970s to develop the basic rules of cave diving which are still in use today. Michael Ange has used the same methodology to review a wide range of diving accidents in this publication to develop "strategies for survival" for both recreational and technical divers.

Michael's stated aim with the book is "to take the process of accident analysis from technical conferences and back rooms of training agencies and place it front of everyone with an interest....to improve the safety of our sport by providing divers with the tools for surviving the

continued next page

unexpected."

Each chapter of the book is devoted to a particular incident (names and locations have been changed to protect the identities of those involved). There are no two incidents which could be classed as similar: the book explores a whole gamut of diving situations including cave and wreck diving, deep water air and trimix dives, river and drift diving, rebreathers, DCS, and even the unlikely but tragic case of an ill fitting drysuit which led to a diver's death. Each of these real-life occurrences is told in a well written story like fashion and is based on thorough research into accident reports, court records and sometimes interviews with victims or witnesses. Some supposition naturally does occur in the analysis and story as often the victim is no longer around to recount exactly what happened! However, this is minimal and the accounts are not sensationalized in any way.

Each chapter also includes side bars to explain some of the sport's acronyms, terms and procedures which are relevant to the particular case. For

the active certified diver these may hold little interest, but they are essential for a layperson to have an understanding of some of the diving terminology used in the case study.

I found myself empathizing with the victim or a witness to the accident on more than one occasion. After nearly three decades diving and cave diving including over a decade as a recreational and cave instructor, I could often relate to the scenario unfolding in the story either from personal experience or from incidents my diving peers have been involved in and recounted to me. In some instances I was made to realize how lucky my buddies and I were in our diving youth not to become another chapter in a book such as this. Experience is really a great educator.

In summary: a good read, highly recommended.

Tony Richardson.
CDAА 641.

AquaSea

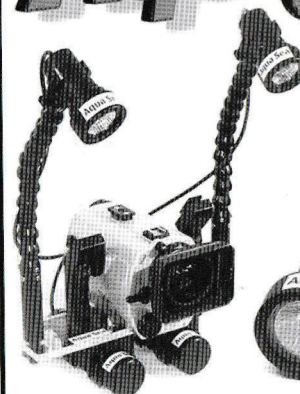
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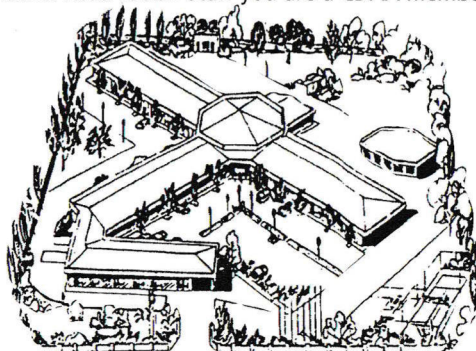
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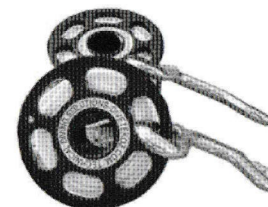
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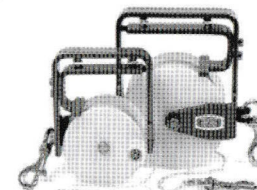
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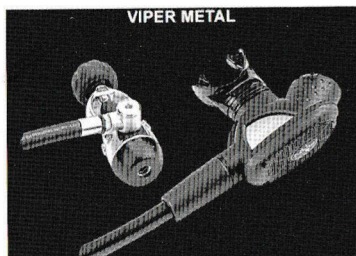
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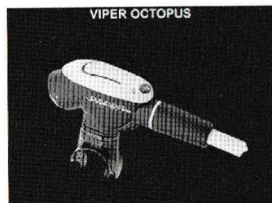
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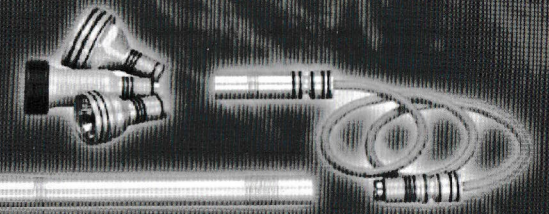


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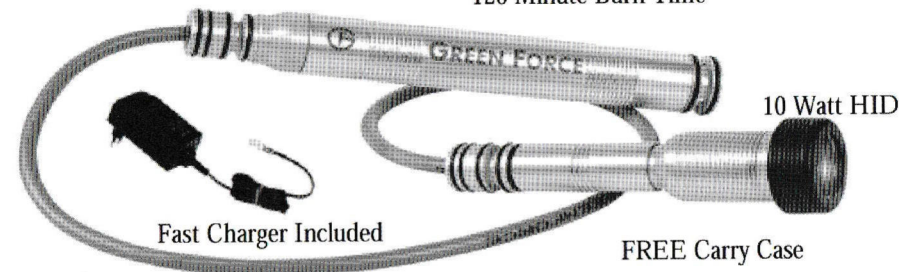
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NATIONAL DIRECTORS REPORT

This report is a summary of the year's activities by the National Committee.

Standards – The new Cavern/Sinkhole Course is nearing completion and what a monumental effort it has been to get this far. Hopefully the first Instructor outline will be available for review to all Instructors this month. The new Trimix/Rebreather Policy has been finalised and is now available on the web and perhaps in this issue of Guidelines. Instructor membership has been tightened up to ensure that our Instructors meet Insurance and Standards requirements. As time goes on we can expect more of our "older" Instructors to retire and new ones to come on board. If you compare the latest Instructor list with last years you will see a number of changes. Thanks go to George Yarra for his dedication in what is probably the toughest position in the Directorate. Tania Yarra works with George as the Instructor Records Officer and together they keep a firm grip on things. Ian Taylor works with George and with Terri Allen/Heike Apps by looking after Instructor Materials. George was returned uncontested to office for 2006 -2008, demonstrating his popularity within the Association.

Access – Gary Barclay has spent the last year getting the feel of the job, not easy when you consider that there were a lot of ongoing projects. Stepping into or onto areas that someone else has been appointed to look after is always difficult but Gary has managed to work within the parameters for the good of the Association. Shaft access has been made easier and this will be reflected on our web site. Barnooluts 1080 site has the final accessibility work being completed by Grant Sommer and a few other volunteers and will see it opened for diving soon. The shed at Tank Cave has been extended; doubling the size making it a lot more comfortable plus roadwork has improved access. New pontoons at Pic's, Kilsbys and Little Blue have made access much easier. We should not forget just how good things are at Engelbrechts, Thirza and her husband are like a breath of fresh air compared to the way things were run previously. Craig Larkin continues as the Kilsbys Access Officer, Noel Dillon as Tank Cave Access Officer, Linda Claridge as the Shaft Access Officer, Grant Sommer as the Barnoolut Access Officer and Steve Trewavas as Trimix Access Officer.

Publications and Records – Terri Allen who started with the Association as the Records Officer and has been the Director for two terms continues to produce arguably the best Cave Diving Magazine in the world with David Bryant. As well Terri has the responsibility of Records ably handled by Michael Kelly and CDAA Products, previously handled by Paul Leslie but recently taken over by Helen Higgins. Tony Richardson looks after the web site for Terri and it is now the quickest and most accurate source of information on our activities and also with online bookings to a number of sites. The introduction of on-line voting soon will herald a new era in the Associations history. Membership is up and Terri's report shows how. **Business** – Heike Apps has held this position for many years now and has been returned uncontested for 2006-2008. The office is more than working with the Treasurer (Tammy Beattie) and the Auditors it takes a clear head and requires a close watch on expenditure. As this Association runs on trust we cannot highlight the importance of the work Heike does for us, keeping checks on each area is not easy and as we grow more care

is required. Heike shows a keen interest in the day to day running of the Association and gives heavy input into decisions made by all Directors. National Director – Better described as "He who wants to know all". Keeping up with everything that's going on in the Association is not easy; there are so many projects that at times I get a bit lost. Having just returned from a trip overseas I was gobsmacked to find over 300 emails waiting for me. Requests about learning to Cave Dive, what equipment to use, training Standards, accidents, input by Directors on regulation changes, complaints by members, accusations about access infringements, mapping questions, research queries, landowner problems it just goes on and a lot of my time is spent satisfying the needs of these people. Mapping and Research has taken on a new life since Stuart McGregor was appointed and a meeting was held to help thrash out the differences and understandings that exist. This has resulted in a new Policy Document that although intimidating to read on first glance is still open enough to ensure that the divers concerned and the CDAA are protected. If you haven't looked at our web page and downloaded some of Stuarts work you are in the minority or maybe just not diving. John Vanderleest retired as Instructor Advocate early in the year and as yet I have not appointed anyone to replace him. JVL handed over his notes from the original paper presented by the Training Committee and the input of the Instructor meeting plus his own research work enabling the new Cavern/Sinkhole Course to be completed and now approved by the Directorate. On going projects of interest are the deep mapping of the Shaft, Tank Cave and Pic's. My interest in Tank Cave through direct dealings with the Landowner on access negotiations has seen the shed doubled in size and the roadway now making access available in all conditions. Insurance has once again taken its toll on my time and our policy has grown to encompass areas not previously covered fully. The Associations good standing and blemish free history has enabled us to get cover when others can't. This comes about through the implementation of Standards, Policies and Regulations not put in place to harass our membership but to ensure that there are checks and balances, creating an insurable, measurable system that insurers can work with. This year has again been a rewarding experience for me and I hope the membership has gained from my input.

General – Changes have been made on an ongoing manner to Instructor materials, Member materials, Regulations, Policies, Site Bulletins and Standards and Procedures. New maps issued, downloads made available, quicker processing, improved payment means, easier access and so many emails back and forth between Directors that hardly a day goes by where something else doesn't come up for attention. Grant Pearce in SA and Mark Jobbins in NSW are there for you should there be any problems or questions concerning the Association so contact them if you want representation.

I would like to thank on your behalf the Directors and Officers of this Association who a credit to all of us, they work doggedly, tirelessly and do it for nothing; it is only volunteers like this that keep us going.

Regards, Warrick McDonald
CDAA National Director.



BALLOT PAPER 2006 - PRECI'S NOMINATED POSITIONS FOR 2006/07

NOMINATION FOR BUSINESS DIRECTOR 2007

Heike Apps - CDAA 2776

I would like to re-nominate for the position of CDAA business director. I have been a member of the CDAA for 12 years and an instructor for 6 years. I am an enthusiastic cave diver – travelling to Mt Gambier 4 or 5 times a year from Canberra. I feel I have made significant contributions to the Business Director position. This includes accurate record keeping on all transactions and being prompt with enquiries and reimbursements. I have been actively involved in meetings, discussions and decisions. I believe I still have a lot to offer and as business director can continue to contribute towards a solid future for the CDAA.

Heike Apps CDAA 2776

Proposer, Max Marriott CDAA 1268

Second, Terri Allen CDAA 3483

NOMINATION FOR STANDARDS DIRECTOR 2007

George Yarra - CDAA 2776

During my first term as Standards Director I learned much about the CDAA, the role of Standards Director and about the people within the association. There are always decisions to be made and whilst they do not always please 100% of the membership, I hope that after two years of office, members will know that I try hard to make my decisions on what is best for all members of the association.

Good work has also been done by many others, for example in regard to use of rebreathers and mixed gas which needs to be finalised and implemented. And of course ongoing work with revising and updating our courses and materials continues. Whilst this has occasionally generated vigorous debate and sometimes resulted in a need to agree to disagree' mostly it has been a pleasure and always a challenge.

I would be excited to see these existing projects through and help members with future challenges, so once again I offer myself for the position of Standards Director of the CDAA.

Thank you for your consideration.
George Yarra #3356

Nomination for Hall of Fame...

Please find this letter as a proposal to have Chris Brown past CDAA member number #708 accepted into the CDAA 'Hall of Fame' for past services to the CDAA and out standing past and present contributions to Cave diving in Australia. I would like you to consider Chris under section 9b of the constitution for the proposed position in the 'Hall of Fame' Listed below are a range of contributions and past and present deeds that have contributed to Chris Brown being more than worthy of selection. Max B. Marriott CDAA #1268.

Diving Qualifications:

- Open water 1978 • FAUI Advanced diver / assistant instructor 1980 • FAUI Instructor rating 1984
- FAUI / NASDS Master Instructor rating 1990 • Australian Coaching Council level 2 Scuba Coach (1991)
- CDAA cat 1 & 2 1979 (Cavern & Sinkhole) Membership No. 708 • CDAA cat 3 (Cave) 1981
- CDAA Advanced cat 3 1984 (later called cat 4 now Penetration)
- CDAA Cat 1, 2 & 3 Examiner 1984 (now Cavern, Sinkhole & Cave Instructor)
- CDAA Cat 4 Examiner 1992 (now penetration instructor)
- TDI Nitrox, Extended Range, Overhead Environment, Trimix & Gas Blender 1997 • TDI Nitrox & Extended Range Instructor 1998

Caving Qualifications:

- ASF Horizontal Cave Leader 2000 • Cave Diving Training Manuals written.
- Primary author and collator of the original CDAA Penetration Manual 1991 • Cave Diving Exploits and Major Events
- 1982 - First group to dive in Death cave after deaths. • 1982 - 1st trip to Nullarbor. Dived and caved the following: -
- Tommy Grahams, Weebubbie and Koonalda
- Murra-El-Elevyn - Chris found his first bit of virgin passage by finding the lead to the second air chamber. First attempt at cave mapping. Memory sketch of the new section.
- Cocklebidy to first rock pile
- Pannikin Plains used triple 88cfm back mounted tanks and pushed the cave from 600 metres to 720m. Found the start of Eyre chamber and the entrance to "the back passage". Buddy was Phil Prust.
- Mullamalang - 5 hour trip into Easter extension. 15 hour trip to terminal rock pile
- 1983 2nd trip to Nullarbor. Dived the following: -
- Warbla - Extended the lower passage from about 50 metres into the "Bath tub".
- Pannikin Plains - Dived with Phil Prust. Pushed the "Back Passage" to 1065 metres.
- Cocklebidy - Chris was a support diver (slave) on the successful world record attempt to extend past where the French divers had pushed past Toad Hall. Spent many months helping to manufacture group equipment, in particular the equipment sleds with Ron Allum. The group received a Sports Australia award for the most outstanding achievement by a group in Australia.
- Tommy Grahams and Weebubbie
- Murra-El-Elevyn - Chris's first attempt at stage diving. Single 88 on back and twin underslung 40's.
- 1984 CDAA Shaft mapping project. Assisted with underwater survey of the cave.
- 1984 Tank Cave. Dived with Paul Arbon and Phil Prust. Managed 10 metres from entrance.
- 1984 3rd trip to Nullarbor. Dived and caved the following: -
- Pannikin Plains. Used four tanks per diver, 3 on back and one underslung.
- Murra-El-Elevyn - Surveyed the furthest out tunnel using a tape measure and compass.
- Tommy Grahams, Warbla and Weebubbie
- 1984/ 85 CDAA Research Group Pic's mapping project. Helped with in water mapping. 6 dives.
- 1985 Suspended from CDAA for 12 months for exceeding the depth limit in Pic's.
- 1985 Florida (29 dives) and Bahamas (12 dives)
- In the Bahamas, 2 of the dives were in Cemetery and Chimney caves. Both were tidal sea caves.
- During inflow a vortex would be going into entrance, on outflow a large boil was on the sea surface.
- 1986 4th trip to Nullarbor. Dived and caved the following: -
- Cocklebidy - Dived to Toad Hall. Used sleds and work triple tanks. Swam all the way.
- Murra-El-Elevyn, Warbla, and Weebubbie
- 1986 Dived Death Cave with Peter Horne. • 1987 5th trip to Nullarbor, Dived and caved
- Tommy Grahams, Murra-El-Elevyn, and Weebubbie
- Pannikin Plains - Buddied with Ron Allum. Chris wore triple back mounts with twin under slung.
- Discovered Concorde landing. Extended the cave by around 600metres in one dive.
- 1987 CDAA Research Group Fossils survey project. Mainly collected bones.
- 1987 6th trip to Nullarbor. Dived in Pannikin Plains, found Oval room and pushed to about 600 metres past.
- 1988 Jenolan Caves. - 6 dives and some dry caving. Attempted some RDF surveying. Failed.
- 1988 7th trip to Nullarbor - Pannikin Plains Cave Diving Expedition from which the TV documentary 'Nullarbor Dreaming' was made. 8 days of diving. The rest is history.
- 1989 Tank Cave. Broke through and dived to about 220 metres from entrance. By the end of the year, installed several thousand metres of line. Started the single line survey and the hand drawn map.
- 1989 8th trip to Nullarbor. Spent 5 days on site salvaging gear from Pannikin Plains cave and generally cleaning up the cave.
- 1990 Tank Cave. Continued exploring, installing line and mapping. Site closed due to change of ownership.



CAVE DIVERS ASSOCIATION OF AUSTRALIA

Ballot Paper.

This is your ballot paper for the
2006 CDAA Elections.

There are a couple of things
you need to know...

**1. Before voting, please read page 19 of this
Guidelines for the 100 word precis
for each candidate.**

**2. Instructions for voting and mailing your ballot
listed on Page 4 of this Ballot Paper.**

**3. Your vote is important, please take the time
to fill in your ballot paper correctly and return it.**

Thank you,

Geoff Chambers, Returning Officer, CDAA.

CAVE DIVERS ASSOCIATION OF AUSTRALIA
DIRECTORATE ELECTIONS SEPTEMBER 2006

BALLOT PAPER

BUSINESS DIRECTOR:

The following member has nominated for the position of Business Director:
Please place a cross in the box if you agree or disagree with the nomination.
Statements from each candidate appear in this issue of Guidelines:

Apps, Heike #2776. *Proposed by Max Marriot #1268*

VOTE YES ☐ NO ☐

STANDARDS DIRECTOR:

The following member has nominated for the position of Standards Director:
Please place a cross in the box if you agree or disagree with the nomination.
Statements from each candidate appear in this issue of Guidelines:

Yarra, George #3356 *Proposer: Grant Sommer*

VOTE YES ☐ NO ☐

HALL OF FAME:

The following members have been nominated for the Hall of Fame:
Please place a cross in the box if you agree or disagree with the nominations.
Statements about each nominee appear in this issue of Guidelines:

Nominated by Max Marriott #1268 Seconded by Warrick McDonald #1882

Chris Brown VOTE YES ☐ NO ☐

Greg Bulling VOTE YES ☐ NO ☐

LIFETIME NOMINATION:

The following member has been nominated for the Life Membership:
Please place a cross in the box if you agree or disagree with the nominations.
Statements about each nominee appear in this issue of Guidelines:

Chris Brown VOTE YES ☐ NO ☐

Nominated by Ken Smith #799
Seconded by Warrick McDonald #1882

Nomination for Life Membership

To whom it may concern in the CDAA

I would like to nominate Chris Brown for life membership of the CDAA. I have known Chris since 1979, when I met him on an Adelaide scuba diving club (ASDC) trip to Kangaroo Island. (He was a phenomenal crayfish catcher even then and his skills have only improved since). Since then we have shared many diving experiences.

Chris' contribution to the CDAA and the sport of cave diving is beyond measure. Below is a list of Chris' achievements over almost three decades of diving. (I must give my thanks to Max Marriot for compiling this detailed list).

What this list does not show is the enthusiasm the Chris has for the sport of cave diving and the encouragement and help Chris has provided to fellow cave divers over many years. He is an innovative creator of diving equipment, including everything from the Cocklebiddy sleds to innovative lighting systems. Many cave divers have "borrowed" Chris' designs in making their own equipment. Chris never complained about this and was always prepared to help people with making their gear.

I will almost remember diving shaft many years ago with Chris as the guide. After a very detailed and interesting dive briefing he asked the group what was the most important thing to remember when diving the shaft. A few people looked puzzled and tried to answer. Finally, Chris explained that it was "to enjoy the dive!" How true!, and how easily forgotten in these complicated times!

I think life membership for Chris is well deserved, and would be a fitting reward for the effort Chris has put in over the years. I also think that the CDAA membership would benefit greatly from Chris becoming a life member. He has a lot to offer in knowledge, experience, skills and enthusiasm. Hopefully all members will have a chance to meet Chris and hear more about his experiences over many years of cave diving.

Proposer: Ken Smith CDAA 799 Seconded by Warrick McDonald #1882

Please refer to page 21 of this issue of Guidelines for more details of Chris's qualifications.

CAVE DIVERS ASSOCIATION OF AUSTRALIA

POSTAL VOTING INSTRUCTIONS - SEPTEMBER 2006

Please follow these instructions carefully to register your votes in the 2006 Ballot

Step1 COMPLETE THE BALLOT PAPERS

Clearly indicate your preference on all ballot papers following the instructions for each question. Fold your ballot papers and place them in a small envelope and write on the front of that envelope:

BALLOT PAPER ENVELOPE

By placing your ballot papers in a separate envelope, your vote remains anonymous.

Step2 PLACE THE BALLOT PAPER ENVELOPE IN ANOTHER ENVELOPE ADDRESSED TO THE RETURNING OFFICER.

The address for the Returning Officer is:

The Returning Officer
PO Box 7592
St Kilda Rd Vic 8004

Step3 SIGN THE BACK OF THE ENVELOPE ADDRESSED TO THE RETURNING OFFICER

On the back of this envelope you must write your name, CDAA number and signature. This serves to declare that you are the person whose name appears on the back of the envelope, and that this is your only vote in the 2005 ballot.

Step4 SEND YOUR ENVELOPE TO THE RETURNING OFFICER STRAIGHT AWAY

Your votes must reach the Returning Officer by the close of business Monday, October 23rd 2006.

Any questions may be directed to Heike Apps - busdir@cavedivers.com.au.

- 1991 9th trip to Nullarbor. Dived and caved Murra-El-Elevyn & Weebubbie
 - 1991 Chris ran the first CDAA Penetration course with Glen Harrison, Greg Bulling and Tony Richardson.
 - 1993 Tank Cave reopens. Exploration and mapping. • 1993 The Shaft. First time Tri Mix diving. 3 dives.
 - 1993 10th trip to Nullarbor. Ran a cave level course for WA CDAA members. Assisted by JDZ and Richard McDonald.
 - 1994 Continued with Tank Cave. 34 dives to end of year.
 - 1994 The Shaft. Second time Tri Mix diving. 2 dives. • 1995 to 1998 Continued with Tank Cave. - approx 60 dives.
 - 1995 11th trip to Nullarbor. Lots of fun in Cocklebiddy. Chris led an assault on the end of the cave. Reasonably successful. Went 20 metres past the end of the line where Hugh Morrison stopped in 1983. The main passage stopped with the roof meeting the floor. There was a small restriction to the left. Chris attached a jump reel and went down a steep slope for about 5 metres with the tunnel appearing to be getting smaller and doing a right hand turn. Decided that this was far enough and reeled in the jump reel and left it on the tied off line. Chris left 2 messages written to this jump reel. One is the date of the dive and the other he has kept to himself. Richard McDonald manufactured 2 'Aqua Macks' which were based on a copy of the Aquazep and were the key to the success of the trip apart from the good team spirit and a lot of hard work.
 - 1997 12th Trip to Nullarbor. More fun in Cocklebiddy. Started working on a less gear style of diving which was referred to as 'alpine style'.
 - 1996 to 1998 Chris tried to get the use of alternative breathing gases accepted by the directors of the CDAA. On the 20th of May 1998 presented the 8th version. to no avail
 - 1998 Tassie Dived and caved in Kubla Khan & Junnie with David Doolette, Tim Payne & Stef Eberhard:
 - 1999 Pearce Resurgence -6 to 7 dives in total of which 4 were trimix dives. Reached 125 metres in depth.
 - 1999 Suspended from the CDAA for diving in Tank Cave when it was closed. The dive was at the request of the landowner to help establish the best location?
 - 2000 Suspension overturned by new committee headed by Warrick McDonald. - Common sense had finally returned to the CDAA.
 - 2000 13th Nullarbor trip. Survey trip of Warbla.
 - 2001 30th June. Ceased Membership with the CDAA.
 - 2001 and continuing - ASF CDG Shaft mapping project. The projects aim is to map the deeper sections of The Shaft utilising alternative breathing mixtures. Mixtures used to date range from Heliar up to 60% He with 50% & 100% O2 mixes for decompression stops and air and Heliar mixes as travel gases. Confirmed that there was an unexplored tunnel which to date has been dived to a depth of 123 metres. Survey of the two large tunnels and the main chamber still proceeding.
 - 2001 to present 14th to 17th Nullarbor trip.
 - 27th May 2002. Made application to become a full member of the ASF CDG. His membership was accepted and Chris is member #003.
 - 2006 22nd June - rejoined the CDAA - Responsible positional held with in the CDAA
- The following are approximates only and are not necessarily complete.
- 1983. South Australian Records Officer - 1984 to 85. Vice President
 - 1984 onwards. On Examiners board, the training committee and other things associated with instruction and training.
 - 1992 to 93 and 1993 - 94. Standards Director - Shaft guide and Tank cave guide.

Proposer: Max B Marriott CDAA #1268.

Nomination for Hall of Fame...

Please find this letter as a proposal to have Greg Bulling past CDAA member number accepted into the CDAA "Hall of Fame" for past services to the CDAA and out standing past and present contributions to Cave diving in Australia. I would like you to consider Greg under section 9b of the constitution for the proposed position in the "Hall of Fame" Listed below are a range of contributions and past and present deeds that have contributed to Greg Bulling being more than worthy of selection. Max B Marriott CDAA #1268.

Diving Qualifications: • CDAA Instructor 1991 Ë • CDAA Training Manager 1991-4
• Penetration Diver Education Program Coordinator 1991-4 • Penetration Course Instructor/Coordinator 1992-1999

Standards and Training materials development • (Primarily done in conjunction with Glen Harrison/Tony Richardson)

Instructor's Manual:

Student Course notes for Cavern/Sinkhole/Cave/Penetration Courses • Student exams for each level
Criteria based in water assessment activities • Student feedback forms

Mapping & Research:

- Fossil Cave* mapping project (in conjunction with Rod Wells Flinders University) 1987 - Kilsby's Hole 1987 - Gouldens Hole* 1988
- Blue Lake* 1987 - L250* (Iddlebidy) - Narrina Cave - Englebrechts (east/west) - Tank Cave 1993 until present
- Co-discover (with Tony Carlisle) S section 1993 - Co-discover (with Tony Richardson) Easter extension 1994

Miscellaneous:

• National Director 1997 • Led Cocklebiddy Toad Hall Expedition 1991 • Warbla Cave video** 1991 • Toad Hall video 1992,
• 3 Sisters video 1993 • Engelbrecht Cave video (currently used by tour groups) • Written articles for Guidelines, Sportdiver, Underwater Speleology, Scuba diver magazine. • Began predominately diving sidemounts 1992

*In conjunction with SAUSS **All video work done with Tony Carlisle

Proposed by Max B Marriott CDAA #1268.

Trimix and Rebreather Policy

July 2006

1. GENERAL STATEMENT

The CDAA Regulations, CDAA Standards and Procedures Manual and individual technical training organisation training manuals are all comprehensive documents and should be referred to for much of the detail not contained within this statement. Where policy's appear to conflict, the CDAA Constitution and Regulations are endorsed as the primary overriding documents.

The Australian Standards 2299.3 have been adopted by the CDAA with regard to Mixed Gas, Decompression and Rebreather diving. However it is intended that this policy gives additional requirements in the context of nitrox, mixed gas and rebreather diving specific to cave diving in CDAA governed sites.

A diver must dive within the limits of his/her individual training at all times.

2. REBREATHER DIVING

In addition to the General Statement above, with regards to rebreather diving within the cave environment the following additional points must be adhered to.

2.1 Qualifications and experience

Divers using either Semi-Closed Circuit Rebreathers (SCR) or fully Closed Circuit Rebreathers (CCR) must hold an appropriate certification from a recognised training agency (* Appendix 1). The certification must be specific to the model of rebreather used. As well as having an appropriate qualification for the model of rebreather in use, the diver should also hold an appropriate qualification for the diluent in use (e.g. CCR Air/Nitrox or CCR Trimix/Heliox). An open circuit Trimix qualification is not adequate to dive a CCR using Trimix or Heliox as diluent. This certification must be sited by the CDAA Standards Director and evidence of current experience may be requested. Divers are at all times to remain within the limits of their training.

A copy of the divers Rebreather certification must be forwarded to the records officer who will endorse the applicant's membership card with a rebreather notation. This will incur a one-of \$10 fee.

2.2 Rebreather type

Only commercially available rebreathers that have a certification program sanctioned by a recognised training agency (see * Appendix 1) are approved for use in CDAA sites. The use of such models must be within the manufacturers' specifications and recommendations, including those pertaining to scrubber duration and oxygen monitoring.

2.3 Maximum PpO2

Maximum PpO2 must not exceed 1.4 during normal diving operations (working), or 1.6 during decompression (rest).

2.4 Bailout requirements

Bailout gas must be carried on all rebreather dives in sufficient quantities for the rebreather diver to make a safe return to the surface or staged gas, from the most distant part of the dive. Where the rebreather diver's buddy is using open circuit, an allowance should also be made to provide adequate gas for that open circuit diver in the case of a gas sharing emergency.

Bailout gas may be in the form of open circuit gas, or a second rebreather, however at least 5 minutes open circuit gas should always be available to be breathed for some "sanity" breaths before changing to the second rebreather. Where a "bailout

rebreather" is used, there must still be provision to share gas to the surface with an open circuit buddy.

Where bailout gas cannot be physically passed off to a dive buddy, a long hose with a minimum length of 1.5 metres is mandatory.

2.5 Maximum depth

The maximum depth of any rebreather dive will be dictated by the individual site access requirements, the manufacturer's recommendations, the diver's certifications and the diluent being used. The maximum equivalent narcotic depth on air (END) is 40m. A 30m END is recommended. Divers are at all times to remain within the limits of their training.

2.6 Site access arrangements

Before using a rebreather in a CDAA site, all divers should check the individual access arrangements for that site, in particular whether the use of rebreathers has been approved in that site. In addition maximum depth limits and the use of gases other than air need to be approved on a site-by-site basis. An appropriate rebreather endorsement on the diver's CDAA card is mandatory, and may be requested for viewing at any time by the landowner.

2.7 Instructor usage

CDAA instructors must not instruct CDAA courses whilst using a rebreather.

3. OPEN CIRCUIT DIVING WITH GASES OTHER THAN AIR

In addition to the General Statement above, with regards to nitrox, trimix or heliox open circuit diving within the cave environment the following additional points must be adhered to:

3.1 Qualifications and experience

Divers using gases other than air must hold an appropriate certification from a recognised training agency (* Appendix 1). This certification must be sited by the CDAA Standards Director and evidence of current experience may be requested. Divers are at all times to remain within the limits of their training.

A copy of the divers Trimix certification must be forwarded to the records officer who will endorse the applicant's membership card with a trimix notation. This will incur a one-of \$10 fee.

3.2 Maximum depth

The maximum depth of any mixed gas dive will be dictated by the individual site access requirements, the diver's training and the gases being used. The maximum equivalent narcotic depth on air (END) must not exceed 40m. A 30m END is recommended.

3.3 Maximum PpO2

Maximum PpO2 must not exceed 1.4 during normal diving operations, or 1.6 during decompression. No gas may be carried below its Maximum Operating Depth (MOD).

3.3.1 Exceptional circumstances may allow dive cylinders to be transported below their MOD within a cave. Eg sump dives where decompression gases are required within the expanse of the cave. Permission for this must be obtained from the standards director.

3.4 Site access arrangements

Before using gases other than air in a CDAA site, all divers should check the individual access arrangements for that site, in particular whether the use of other gases have been approved for that site. In addition, maximum depth limits need to be checked on a site by site basis. An appropriate endorsement on the diver's CDAA card is mandatory, and may be requested for viewing at any time by the landowner.

3.5 Backgas

Backgas cylinders must contain a single gas mixture suitable for the deepest depth planned. These cylinders must be labeled near the neck of the cylinder with the MOD, Fraction of Oxygen to 1 decimal point, date of analysis and the analyzer's initials.

Cavern, Sinkhole and Cave rated divers are not permitted to utilize stage bottles or travel mixes to extend bottom time or penetration during a dive. Penetration divers are permitted to utilize additional cylinders to extend bottom time and/or penetration.

3.6 Stage/Decompression Cylinder Marking

The following requirements will apply to all stage and decompression cylinders that are to be breathed on a dive.

3.6.1 All cylinders to be prominently marked with their maximum operational depth (MOD) in metres. The numbering should be of an appropriate size and position to make it easily identified by both the diver and his buddy.

3.6.2 Travel and bottom mixes will be marked with their MOD at a PpO2 of 1.4.

3.6.3 Decompression mixes will be marked with the MOD at a PpO2 of 1.6.

3.6.4 All cylinders once filled are to be labeled near the neck of the cylinder with the fractions of gases in the mix to 1 decimal point, MOD, Date of analysis and the analyzer's initials.

* APPENDIX 1 - Recognised Training Agencies.

The following agencies provide technical dive training to trimix level or for rebreathers that are considered acceptable by the CDAA. Any diver trained by an agency not appearing on this list will need to seek additional approval from the CDAA Standards Director.

- American Nitrox Divers International (ANDI)
- British Sub-Aqua Club (BSAC)
- Global Underwater Explorers (GUE)
- International Association of Nitrox and Technical Divers (IANTD)
- International Association of Rebreather Trainers (IART)
- National Association of Underwater Instructors (NAUI)
- Professional Association of Diving Instructors (PADI/DSAT)
- Professional Scuba Association International (PSAI)
- Scuba Schools International (SSI)
- Technical Diving International (TDI)

Standards Director Annual Report

I would like to thank you all for your valued contribution and support in the year gone by. I would also like to take the opportunity to thank the good work done by all in positions that fall under the standards director.

Ian Taylor – instructor materials (thanks also to Heike Apps who looked after this previously) Barrie Heard – penetration course coordinator. Tania Yarra – instructor records.

It is the time and effort put in by volunteers that keeps the association moving forwards. Thank you also to the other directors for their contribution of time and input into all matters concerning the CDAA

I would like to applaud and personally thank all for their hard work, in our continuous enjoyment of the sport we all love.

To summarise: Regulations

Over the recent months much hard work has been done in putting together a document that covered trimix and Rebreather diving in CDAA sanctioned sites, the document was written to compliment and be used in conjunction with the Australian standards.

There was a call for interested members to form a working party to assist in writing a suitable document, the working party was formed and a document was handed to the directorate for consideration. After analysis some additions and omissions the document was voted on and passed at the last directors meeting.

Thank you to all who volunteered their time and expertise in

putting together this document.

Courses: Cavern/Sinkhole

All the information from notes taken from the instructor meeting where put together and presented at the last directors meeting, there are still some more changes and ideas being put forward so nothing as yet has been finalized. One of the key issues that we are working on is where do our programs fit in on an international scale. The suggestion of an optional dry caving session was also floated.

Penetration

Some work has commenced on reviewing some of the workshop questions to include some local sites as well as a review and update on some of the theory portions. Personally I would like to see some of the components of the penetration course moved to cave and more time emphases spent on more advanced cave diving techniques.

Stats and bits

Over the last two years there have been a total of 11 visitors permits approved including divers from Asia, Germany, New Zealand and America.

Total of three members suspended, Five new instructors certified. Thirty seven new penetration divers (I think we need another Tank cave)

Safe diving, George Yarra



CHANGES TO REGULATIONS, AUGUST 2006

Page 4. • 4 a) add 'or on the CDAA website' to the end of this point.

Page 5 • 8 - # 4 Replace Cavern, Sinkhole, with Cavern/Sinkhole

Page 9 • 1.5 - # 2. Add 'within 14 days' to the end of this point • 1.5 - #7. Add 'by registered mail or in person' to the end of this point • 1.5 - #8. Insert 'within 14 days' to this point

Page 12 • Policy number 1 is being replaced with a new document.

Page 25 • Remove the 3rd last paragraph 'Prior to the CDAA's very recent controlled-access and formal agreement initiatives which have been brought into being during just the last couple of years, there were major concerns that every man and his fish would blunder about, carve their names on the cave's walls (as they tended to do everywhere else) and either deliberately collect the stalactites as mementos or accidentally smash into them.'

Page 33 • The Application, 1st dot point, Change Sinkhole to Cavern/Sinkhole

Page 35 • Change 8th to seventh in the 2nd paragraph • Add 'and the CDAA website' after the 2nd sentence under Cave Diving Supervisors • 1st dot point - change 10 divers to 12 divers

Page 36 • Remove: 'Normally three cars, plus the Cave Diving Supervisor's will be allowed to enter the property on any given day, but this will depend on factors such as rain and ground condition' from the 1st paragraph

Page 38 • General diving information - 1st dot point - change 10 to 12 - 3rd dot point - change 5:30pm to 6:00pm

Page 43. • Schedule 2: Fees, Levies and Charges.

Change
Nitrox Endorsement (once off payment) \$10 TO... Nitrox, Trimix, and/or Rebreather Endorsement (one off payment) \$10 each (if Trimix certification is sought - Nitrox is assumed so payment required for Trimix only)

Page 44 • Schedule 3. Added column 'Supervised' and filled in where appropriate to comply with 1.3, 1. Supervised Diving Sites point 2.

ADD Policy 7.

POLICY 7. 26-07-06. MAPPING & RESEARCH PROJECTS

1. Contact should be made first with the Mapping & Research Officer (MRO)
 - a) advice of other similar projects may be given thereby negating the effort.
 - b) funding if required should be presented
 - c) access issues will be discussed.
2. A detailed proposal should be sent naming:
 - a) the dates and times.
 - b) the participants, qualifications etc.
 - c) the expected outcome and purpose.
 - d) the duration of the project.
3. The MRO will present the finished application to the National Director for presentation to the Directorate.
4. Once approved the project will be given a timeline.
5. If rejected a right of appeal to the Directorate is possible.
6. A progress report for publication will be required at regular intervals for Guidelines and the CDAA website.
7. A proposal involving as many CDAA members as possible will be given priority.
8. A copy of all work will be provided to the CDAA on request or on completion.
9. All participants and the CDAA shall receive recognition in any published documents.
10. The use of any maps, documents Research etc. published outside of the CDAA will be at the discretion of the CDAA and the project participants.

For the purposes of Mapping &/or Research undertaken under, for, with, or on behalf of, the CDAA: "Intellectual Property" means business names, copyrights, patents, trade marks, service marks, trade names, designs and similar industrial, commercial and intellectual property.

"Prior Material" means all material developed independently, whether before or after commencement of the Mapping &/or Research.

"Research" means the investigation, testing, sampling, measuring and findings taken or collected.

"Mapping" means the measurement, drawing, soundings, signs and likenesses taken or collected

The title to all Intellectual Property rights in or relation to the Mapping &/or Research shall, upon its creation, vest in the CDAA. This does not affect the ownership of Intellectual Property in any Prior material incorporated into the Research, but its owner grants to the CDAA a permanent, irrevocable, royalty-free worldwide, non-exclusive licence to use, reproduce, adapt and otherwise exploit such Prior Material in conjunction with the Research. The CDAA may use, reproduce, adapt and otherwise exploit the Prior Material incorporated into the Research for the purpose of performing functions, responsibilities, activities or services for or on behalf of the CDAA.

The CDAA grants to the Mapper or Researcher a recoverable, worldwide, royalty free, non-exclusive licence to publish the Mapping & Research on the following conditions:

- The Mapping &/or Research contains appropriate notification that the copyright in the work belongs to the CDAA with a disclaimer.
- All printed copies of the Research contain the following wording: "The views expressed in this publication are those of the authors and not necessarily those of the CDAA."

Report from the Business Director

Business is going along smoothly at present with this issue of Guidelines presenting a preliminary financial report. As you can see, insurance is still the biggest expense. The bulk of the monies are kept in a Common Fund, which attracts a higher interest rate. I would like to thank our treasurer Tammy Beattie for all her hard work in putting the financial report together.

Remember to come along to the AGM in Mt Gambier which will be held on Saturday October 7, 2006 at the Comfort Inn Silver Birch conference room. It would be great to see a few more people attend this event. If you have any ideas on how to improve attendance we are happy to listen to suggestions.

There are several amendments to the regulations in this issue. A new copy of the regulations will be available for downloading off the web shortly. If you do not have access to the web and would like an updated copy, please let me know and I will

get one to you. There are no proposed amendments to the constitution to be voted on in this issue. Some proposals were sent to the constitution committee to look at.

Max Marriott #1268 has put nominations together for two members, Chris Brown and Greg Bulling, to be inducted into the Hall Of Fame. Please make the effort to vote, both for your choice of directors and the Hall of Fame nominations. Your votes are important, and we need 20% of the membership to vote if you want the Hall Of Fame nominations to take effect.

I have decided to re-nominate for the position as Business Director. I have learned a lot in the last 2 years, and would like to contribute again to this position.

Regards, Heike.



DIVER INSTRUCTION SERVICES

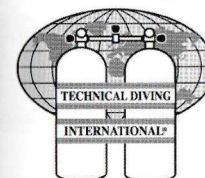
CDAA Cavern/Sinkhole Courses

CDAA Cave Courses

TDI Extended Range & Advanced Trimix Courses

SSI Sport Diving Courses

Full Range Of Halcyon & Apeks WTX Project Diving Equipment



279 Maroondah Hwy

Ringwood Vic 3134

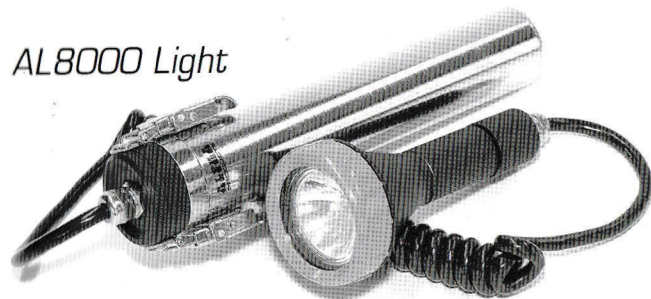
Ph: (03) 9879 2868

www.diverinstructionservices.com.au

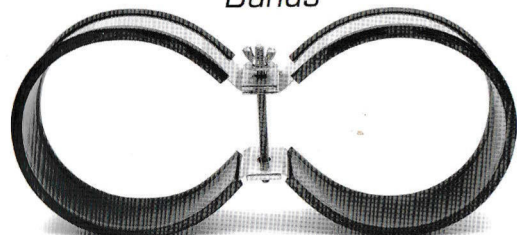


ALPHA PRODUCTS

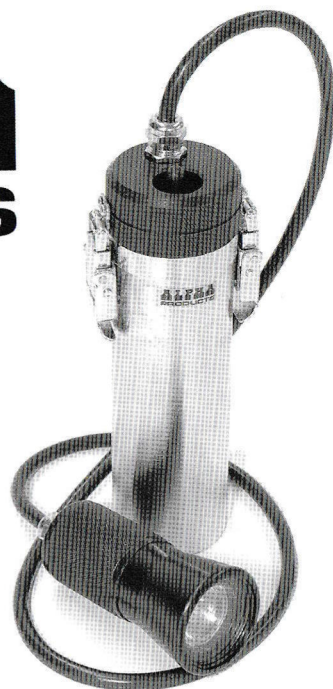
AL8000 Light



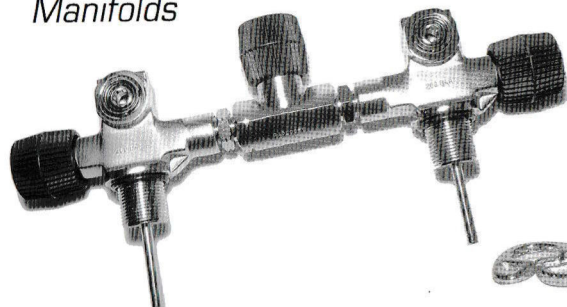
Bands



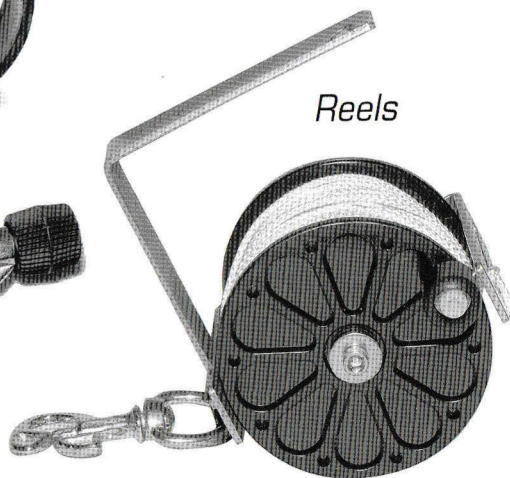
AL3000 H.I.D.



Manifolds



Reels



AUSTRALIAN MADE!

Ph: 03 9555 5000

Email: info@alphadiving.com • www.alphadiving.com

CAVE DIVERS ASSOCIATION OF AUSTRALIA INCORPORATED END OF FINANCIAL YEAR STATEMENTS

ABN 65 062 259 956

TRADING ACCOUNT FOR YEAR ENDED JUNE 30 2006 (provisional)

	2006	note	2005	2004	2003
SALES:					
CDAА Products	\$5,436.60	1	\$3,020.65	\$9,505.95	\$4,319.16
Instruction Materials	\$9,740.00		\$7,778.00	\$7,904.64	\$7,080.50
LESS COST OF SALES:					
OPENING STOCK:					
CDAА Products	\$5,449.32		\$6,159.75	\$4,206.62	\$4,472.51
Instruction Materials	\$2,414.24		\$3,211.00	\$1,015.03	\$620.66
Members Manuals	\$5,614.48		\$4,710.00	\$3,132.27	\$2,411.65
ADD PURCHASES:					
CDAА Products	\$3,046.67		\$1,692.94	\$10,055.86	\$4,132.62
Instruction Materials	\$8,818.44		\$1,341.35	\$4,667.01	\$3,185.49
Members Manuals	\$313.82		\$1,279.00	\$2,048.76	\$1,486.49
LESS CLOSING STOCK:					
CDAА Products	\$3,500.00		\$5,449.32	\$6,159.75	\$4,206.62
Instruction Materials	\$2,000.00		\$2,414.24	\$3,211.00	\$1,015.03
Members Manuals	\$5,000.00		\$5,614.48	\$4,710.00	\$3,132.27
TOTAL COST OF SALES:					
CDAА Products	\$4,995.99		\$2,403.37	\$8,102.73	\$4,398.51
Instruction Materials	\$9,232.68		\$2,138.11	\$2,471.04	\$2,791.12
Members Manuals	\$928.30		\$374.52	\$471.03	\$765.87
GROSS TRADING PROFIT (LOSS):					
CDAА Products	\$440.61		\$617.28	\$1,403.22	(\$79.35)
Instruction Materials	\$507.32		\$5,639.89	\$5,433.60	\$4,289.38
Members Manuals	(\$928.30)		(\$374.52)	(\$471.03)	(\$765.87)
LESS POSTAGE:					
CDAА Products	-		\$85.25	\$110.25	\$505.25
Instruction Materials	\$174.35		\$273.09	-	\$75.75
NET PROFIT (LOSS):					
CDAА Products	\$440.61		\$532.03	\$1,292.97	(\$584.60)
Instruction Materials	\$332.97		\$5,366.80	\$5,433.60	\$4,213.63
Members Manuals	(\$928.30)		(\$374.52)	(\$471.03)	(\$765.87)

CAVE DIVERS ASSOCIATION OF AUSTRALIA INCORPORATED - ABN 65 062 259 956
STATEMENT OF INCOME AND EXPENDITURE FOR YEAR ENDED JUNE 30 2006

UNAUDITED	2006	note	2005	2004	2003
INCOME:					
CDAА Products net income	\$440.61		\$532.03	\$532.03	\$1,292.97
CDAА Instruction Materials net income	\$332.97		\$5,366.80	\$5,366.80	\$5,433.60
Membership fees	\$47,055.00		\$42,743.00	\$44,177.00	\$45,310.00
Non Active Memberships	\$1,435.00		\$1,135.00	\$2,100.00	\$540.00
Instructor's membership fees	\$1,040.00		\$1,720.00	\$760.00	\$920.00
Late membership fees	\$2,790.00		\$2,215.00	\$3,280.00	\$3,205.00
Joining and rating upgrade fees	\$5,560.00	2	\$4,440.00	\$3,840.00	\$3,940.00
Nitrox endorsement fees	\$500.00		\$560.00	\$340.00	\$480.00
Guidelines advertising income	\$5,142.00		\$4,050.00	\$2,175.00	\$1,880.00
Tank Cave Fees	\$8,240.00		\$8,140.00	\$8,710.00	\$8,060.00
30th Anniversary Dinner receipts	-		\$165.00	\$2,975.00	-
Grants and donations received	-		-	\$5.00	-
Fines	\$115.00		-	\$50.00	-
Visitor Permits	-		\$293.00	-	-
Penetration course receipts	\$16,650.00		\$9,900.00	\$11,950.00	\$4,550.00
Interest income	\$8,784.74		\$7,522.29	\$6,099.93	\$4,596.30
TOTAL INCOME	\$98,085.32		\$88,782.12	\$92,360.76	\$80,207.87
EXPENSES:					
Administrative expenses	-		-	-	\$57.82
Accounting and audit fees	\$1,875.00		\$1,875.00	\$650.00	\$550.00
Bank fees	\$415.43		\$449.40	\$517.25	\$269.40
Computer expenses	-		\$134.72	\$134.72	\$457.34
Credit facility fees	\$905.22		\$642.51	\$1,837.62	\$1,750.84
Govt. financial taxes	\$8.10		\$74.60	\$119.50	\$76.30
Gifts & Donations	\$592.26		-	-	-
Depreciation expense	\$969.45		\$636.04	\$871.50	\$1,164.04
Fundraising	-		\$240.00	-	-
CDAА Liability Insurance	\$22,119.02		\$22,304.29	\$22,058.96	\$22,305.61
Members Manuals	\$928.30		\$374.52	\$374.52	\$471.03
Postage	\$620.75		\$379.98	\$1,134.66	\$893.05
Post Office Box Fees	\$759.40		\$817.58	\$540.85	\$500.00
Printing and Stationery	\$694.87		\$441.59	\$128.59	\$651.46
Penetration course disbursements	\$15,033.58	3	\$10,700.00	\$9,330.29	\$4,200.00
Research and Mapping	-		\$212.10	-	-
Site expenses	\$6,555.43		\$497.78	\$2,560.00	\$319.81
Sundry	-		\$87.62	-	-
Tank Cave licence fee	\$8,250.00		\$8,250.00	\$8,250.00	\$8,250.00
Telephones	\$22.18		\$273.29	\$427.19	\$189.37
Web Site expenses	\$2,346.00	4	\$2,537.96	\$2,734.50	\$1,765.50
Workshops	\$463.01		-	-	-
OzTek expenses	-		-	\$546.49	\$318.13
Guidelines Production	\$11,660.00	5	\$15,191.00	\$12,855.00	\$11,649.00
Guidelines postage	\$1,501.27		\$2,032.22	\$1,754.06	\$2,522.24
Annual general meeting expenses	\$790.34		\$444.23	\$4,089.55	\$1,108.07
Other meeting expenses	\$1,478.83		\$599.00	-	-
TOTAL EXPENSES	\$77,988.44		\$69,195.43	\$70,915.25	\$59,469.01
NET INCOME	\$20,096.88		\$19,586.69	\$21,445.51	\$20,738.86

CAVE DIVERS ASSOCIATION OF AUSTRALIA INCORPORATED - ABN 65 062 259 956
BALANCE SHEET AS AT JUNE 30 2006 (provisional)

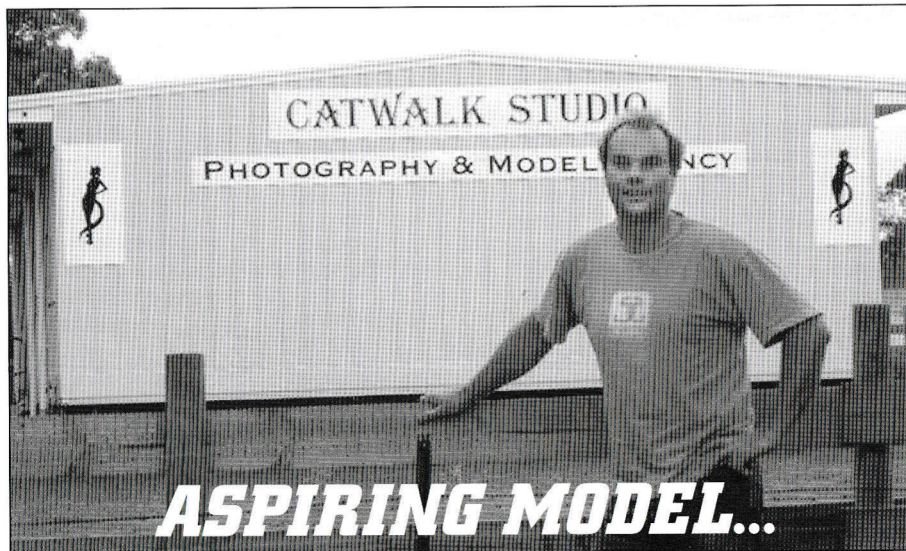
DRAFT ONLY	2006	note	2005	2004	2003
ASSETS					
Current Assets					
National Australia Bank cheque account	\$19,807.79		\$7,720.70	\$20,124.26	\$28,941.62
National Australia Bank Common Fund	\$208,819.04	6	\$190,011.76	\$156,711.76	\$128,312.76
Debtors - advertising	-		-	-	\$1,475.00
Debtors - other	-		-	-	\$2,944.00
Prepayments	-	7	\$8,250.00	-	-
CDAА Products stock	\$3,500.00		\$5,449.32	\$6,159.75	\$4,206.62
Instruction Materials stock	\$2,000.00		\$2,414.24	\$3,211.00	\$1,015.03
Members Manuals stock	\$5,000.00		\$5,614.48	\$4,710.00	\$3,132.27
Total Current Assets	\$239,126.83		\$219,460.50	\$190,916.77	\$170,027.30
Non-Current Assets					
Property, Plant & Equipment	\$7,169.63		\$7,169.63	\$7,169.63	\$7,169.63
less accumulated depreciation	(\$7,169.63)		(\$7,169.63)	(\$7,169.63)	(\$7,169.63)
Office equipment	\$17,922.59		\$14,427.59	\$14,108.59	\$14,108.59
less accumulated depreciation	(\$15,173.74)		(\$14,204.29)	(\$13,568.25)	(\$12,696.75)
Total Non-Current Assets	\$2,748.85		\$223.30	\$540.34	\$1,411.84
TOTAL ASSETS	\$241,875.68		\$219,683.80	\$191,457.11	\$171,439.14
LIABILITIES					
Current Liabilities					
Memberships received one year in advance	\$27,140.00		\$28,470.00	\$21,670.00	\$19,920.00
Inactive Memberships received one year in advance	\$105.00		-	-	-
Overpayments	\$440.00		\$440.00	\$430.00	\$485.00
Creditors	\$1,200.00		\$1,200.00	-	-
Penetration course deposits	-		\$900.00	\$800.00	\$1,900.00
Accrued expenses	-		-	-	\$4,903.77
Tank Cave Fees Received in advance	\$3,750.00		\$880.00	\$1,000.00	\$400.00
Total Current Liabilities	\$32,635.00		\$31,890.00	\$23,900.00	\$27,608.77
Non-Current Liabilities					
Memberships received two years in advance	\$8,270.00		\$9,290.00	\$9,080.00	\$6,810.00
Memberships received three years in advance	\$3,290.00		\$1,760.00	\$2,150.00	\$2,430.00
Memberships received four years in advance	\$1,540.00		\$840.00	\$430.00	\$750.00
Memberships received five years in advance	\$560.00		\$280.00	\$140.00	\$190.00
Memberships received six years in advance	\$140.00		\$140.00	\$70.00	\$70.00
Memberships received seven years in advance	\$70.00		\$140.00	\$70.00	\$70.00
Memberships received eight years in advance	\$70.00		\$70.00	\$70.00	\$70.00
Memberships received nine years in advance	\$70.00		\$70.00	-	\$70.00
Memberships received ten years in advance	-		\$70.00	-	-
Total Non-Current Liabilities	\$14,010.00		\$12,660.00	\$12,010.00	\$10,460.00
TOTAL LIABILITIES	\$46,645.00		\$44,550.00	\$35,910.00	\$38,068.77
EQUITY					
Members Equity as at 30/6/03	\$175,133.80		\$155,547.11	\$133,370.37	\$116,023.89
add: current year Net Income	\$20,096.88		\$19,586.69	\$13,907.66	\$21,445.51
CDAА Member's Total Equity	\$195,230.68		\$175,133.80	\$147,278.03	\$137,469.40
represented by:					
NET ASSETS	\$195,230.68		\$175,133.80	\$155,547.11	\$133,370.37

Notes to the Financial Statements Year Ending 30th June 2006

CAVE DIVERS ASSOCIATION OF AUSTRALIA INCORPORATED

1. These financial statements are a special purpose financial report prepared for use by the Committee members of the Cave Divers Association of Australia Inc. The Committee has determined that the Cave Divers Association of Australia Inc. is not a reporting entity, with the exception of the reporting requirements of the Associations Incorporations Act 1985, and hence the requirements of Australian Accounting Standards and other mandatory professional reporting requirements (Urgent Issues Group Consensus Views) do not have mandatory applicability to the Cave Divers Association of Australia Inc.

2. The breakdown for joining and rating upgrades are: joining: - \$2460; sinkhole: - \$2460; cave: - \$640
3. Penetration course payments were more than receipts in 2005 due to a payment relating to the 2004 financial year.
4. Web site expenses are those incurred in maintaining the official CDAA web site.
5. Guidelines production costs are for three issues rather than four issues as is the case for previous years.
6. Surplus cash is transferred to an At Call common fund where a higher interest rate applies.
7. Tank Cave fees for 2005-2006 were paid in June.



You may not have been aware that the star of the last guidelines really is an aspiring model. I took these lovely shots on the way home from Gambier back in June 2004... Cheers, Deb Williams.

UP COMING COURSES

Cavern / Sinkhole Courses

13-26 November 2006 in Melbourne and Mt Gambier
Instructor: Jane Bowman - 03 9579 2600 - info@abocean.com.au

Perth WA starting on the 30 Sep 06 - 9 Oct 06.

Shell Harbour NSW 21 Oct 06 - 5 Nov 06

Instructor: Tim Featonby E: Tim.Featonby@defence.gov.au Mobile: 0402 129 253

Cave Courses

16-22 October 2006 - in Melbourne and Mt Gambier

Instructor: Warrick McDonald - 03 9579 2600, 0408 374112 info@abocean.com.au

CDAA Penetration Courses

Sept 29/30, Oct 1 & Oct 7/8

Contact: George Yarra, Stds Director

Email : standir@cavedivers.com.au

Please download the latest application form off the webpage - www.cavedivers.com.au

KILSBY'S DATES FOR 2006/07 (Sat. & Sundays)

- September 7th and 8th • Sept. 30th and Oct. 1st • November 4th and 5th
- December 2nd and 3rd • January 6 & 7 • February 3 & 4 • March 3 & 4
- April 7 & 8 (Easter Sat & Sun) • May 5 & 6 • June 2 & 3 • July 7 & 8 • August 4 & 5
- September 1 & 2 • October 6 & 7 • November 3 & 4 • December 1 & 2

~ Articles for Guidelines ~

- Send articles & photos via post, or preferably by email to:
Terri Allen, PO Box 7592, Melbourne 8004.
- Email to pubdir@cavedivers.com.au **and** seapics@alphalink.com.au
- Text files should be saved as Word files and pictures as separate jpeg files.
If mailing please send pics and text on CD.
- 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.

TANK CAVE

~ DATES FOR 2006/07 ~

REMINDER TO ALL TANK CAVE DIVERS...

A Tank Cave returning diver application form and the annual \$110 fee will be required before any bookings can be accepted. Your one off day is currently October 7th, marked as Females only.

Dates	Supervisor		
September 16 - 17	Robert Brennan	January 26 - 28	(Australia Day) Chris Edwards
Sept 30 - Oct 2	(S.A. Labour Day) George Yarra	February 3 - 4	George Yarra
October 5 - 6	(Extended Weekend for non Vic/S.A. divers) Jane Bowman	February 10 - 11	Barrie Heard
October 7	(Females Only) Jane Bowman	February 24 - 25	Guide TBA
October 8	(Extended weekend for non Vic/S.A. Divers (Jane Bowman)	March 10 - 12	(Victorian Labour Day) Chris Edwards
October 28 - 29	John Vanderleest	March 24 - 25	John Vanderleest
November 4 - 5	Barrie Heard	April 6 - 9	(Easter) Jane Bowman
November 18 - 19	Stan Bugg	April 21 - 22	Linda Claridge
December 2 - 3	John Dalla-Zuanna	May 5 - 6	(Mapping) John Dalla-Zuanna
December 16 - 17	Linda Claridge	May 19 - 21	(Adelaide Cup) Warrick McDonald
Dec 30 - Jan 1	(New Years Day) Gary Barclay	June 2 - 3	Guide TBA.
		June 9 - 11	(Queens Birthday)
		June 14 - 17	(Extended weekend for non Vic/S.A. Divers) Warrick McDonald

2007 DATES

January 13 - 14 Steve Trewavas

INSTRUCTOR MATERIAL ORDERS:

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.

CONTACT:

IAN TAYLOR - 0411118134,
48 ONE AND ALL DRIVE, NORTH HAVEN, SA 5018.

CDAА 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 P = PENETRATION

SITE	LEVEL	OWNER	ACCESS DETAILS
MOUNT GAMBIER - SOUTH AUSTRALIA			
DEH SITES			
Ewens Ponds	Nil	DEH P.O. Box 1046 Mt Gambier 5290 (08) 8735 1177	Groups of 6 or more, phone/mail to Dept. for Environment & Heritage (DEH) Smaller groups, no need. Fax: (08) 8735 1135
Gouldens	CN	DEH	General Diving: Divers to contact DEH and notify of date and site to be dived. Please make requests by phone or fax only.
2 Sisters	CN	P.O. Box 1046	Divers must have the correct CDAА diving endorsement for the site and carry current
Fossil	C	Mt Gambier 5290 Ph: (08) 8735 1177 Fax: (08) 8735 1135	financial CDAА membership card. The diver must have signed an indemnity with DEH before access is permitted. Training: The Instructor is to notify DEH of the date the sites are needed and to forward signed indemnities from each student and their temporary card number/ membership number.
Piccaninnie Ponds	S	as above	Permit holders by phone or fax. Be aware of delicate vegetation. \$20/dive or annual Permit \$50. NOTE: Indemnity form to be completed with membership renewal.
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	District Council of Grant	Little Blue - permission not required - must carry card.
Allendale	C	District Council of Grant	Obtain key from Lady Nelson Tourist Information Centre.
Ela Elap	S	Mr. Peter Norman	Visit the house before diving.
One Tree	S		If no one home - no dive!

FORESTRY SA SITES

Dave's Cave	C	Maximum 3 divers all weekends between May & November inclusive (check and update on CDAА website).
Hells Hole	S	At least 4 divers in group - 1 with previous site experience.
Pines	C/P	Unrestricted days or numbers - Cave rated divers must not enter Penetration sections
Mud Hole	C	Unrestricted days or numbers.
Nettle Bed	P	Open every weekend. Maximum of 4 divers per weekend undertaking 1 dive only (check an update on CDAА website)
Stinging Nettle Cave	P	Open every weekend max 3 divers per day undertaking 1 dive per day (check an update on CDAА website).
Iddlebidy	P	Open every Saturday max 4 divers, 1 dive only (check an update on CDAА website)

Owner: Contact Forestry SA by email: forestry@saugov.sa.gov.au. Fax: (08) 8724 2885 or Phone: (08) 8724 2876 or book on-line via the CDAА website to arrange permit. Collect permits from the Forestry Office, RHS of driveway to Carter Holt, Jubilee Hwy, Mt Gambier.

IMPORTANT:

- No diving on Total Fire Ban Days.
- Permit also required to run compressors during fire danger season.
- Keys for Hells Hole, Nettle Bed, Iddlebidy and Stinging Nettle Cave can be obtained from Lady Nelson Visitor Centre on presentation of Forestry SA permits.

Kilsby's	S	Landowner leased to S.A. Police	Access - Open first weekend of the month. Refer to CDAА website. Twin Tanks - Maximum depth of 40 metres. Meet at gate of property at 8.55am or 12.55pm. Book on-line at www.cavedivers.com or contact Craig at kilsbys@cavedivers.com.au No animals, visitors or mid-week diving allowed.
		No Visitors	

CDA A SITE ACCESS

SITE	LEVEL	OWNER	ACCESS DETAILS
MOUNT GAMBIER - SOUTH AUSTRALIA (continued)			
Shaft	S	Generally open one weekend a month. Trevor Ashby	For access dates refer to Guidelines or the CDAA webpage. Nitrox as a diving mix is not allowed in the Shaft unless a trimix endorsement is held but deco mixes attached to the shot line are permissible. Refer to Shaft access bulletin within CDAA Regulations. Divers applying to dive in the Shaft for the first time must document dive experience with twin tanks Download form off website. Email: shaft@cavedivers.com.au (Linda Claridge, 0408 052 070)
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 - East	C	Mt Gambier Council	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
- West	P	Lessee Ph: (08) 8723 2299	advising which groups they are diving with. Diving should be avoided after heavy rain due to possible water contamination. Diving hours are now restricted to 8am to 8pm CST.
Three Sisters	P	Millicent Council	Download Indemnity from Web Page. 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.
McKay's Shaft	S		Contact Phil Argy at Mt. Gambier access and indemnities.
Tank Cave	P	Mr. DYCKER	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			
Cocklebiddy	C/P		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) 9083 2100 Fax: (08) 9071 3657.
Weebubbie	S/C	DPI	The Department for Planning and Infrastructure, Midland, State Land Services South East. PO Box 1575, Midland 6936. Contact Bob Hamilton, Email: bob.hamilton@dpi.wa.gov.au Phone (08) 9347 5047 Fax (08) 9347 5004
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 is co-ordinated with the Wellington Caves management by Greg Ryan - gregr@cs.usyd.edu.au. Phone (02)97434157			
Rum Jungle Lake	S		Unrestricted access currently exists - Please refer advice Guidelines #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.

CDA A PRODUCTS ORDER FORM

Please send to: Helen Higgins
CDAA, 3 Harris Crescent,
Glen Waverley, VIC 3150.

	QTY / COL/SIZE	ITEM	UNIT PRICE	TOTAL
BOOKS		An Introduction to Technical Diving. By Rob Palmer. Explains clearly and simply the advanced techniques & technology used to undertake Technical Diving, and what is done to overcome problems arising with nitrox & mixed gases.	\$45.00	
		Basic Underwater Cave Surveying. The standard publication for anyone remotely interested in research and survey techniques used in water filled caves.	\$30.00	
		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.	\$25.00	
		Cave Diving - A Blueprint for Survival. A book by the world-renowned cave diver, the late Sheek Exley, this is a case study of a number of accidents that have occurred in the USA and how to avoid them.	\$15.00	
		Caverns Measureless to Man. The story of the passion for cave diving of the late Sheek Exley who spent his life exploring underwater caves. Publications Directors pick. Amazing book you can't put down once you start, a must read!	\$50.00	
		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	
		CDAА Occasional Paper No. 2. From National Conference 1981. Includes topics such as Fossil Cave, Belay Techniques and Cocklebidy 1979.	\$2.00	
		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	
		Diving in Darkness By Martin Farr. Personally signed by the author. Provides a clear, concise and modern overview of the essential equipment, skills and techniques required to dive in caves, mines, wrecks and beneath ice. Published in softback Diving in Darkness is packed with 170 photographs and diagrams throughout its 128 pages.	\$75.00	
		Hidden Splendours of the Yucatan Hidden Splendours of the Yucatan is photographer/author Ialo Fiorelli's story of exploration, teaching, and photography in the caves of Mexico's Yucatan Peninsula. His stunning photography is complemented by the lively, down to earth writing style that brings the experience of exploration to the reader. A must read for those planning a Mexico trip or at least dreaming of one!	\$49.00	
		Lower South East Cave Reference Peter Horne's illustrated catalogue of the Lower South East Region of South Australia.	\$130.00	
		NSS Cave Diving Manual. The standard reference manual in cave diving covering just about every conceivable topic. New Edition. CURRENTLY UNAVAILABLE	\$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	
		New Edition of Peter Horne's Lower South East Cave Reference. An illustrated catalogue of the Lower South East Region of South Australia. CURRENTLY UNAVAILABLE	\$130.00	
	VIDEOS/DVD's		The Darkness Beckons. By Martyn Farr: The history and development of cave diving.	\$75.00
		The Cave Divers. By Robert Burgess. Paperback 352 pages. Full history of cave diving in the States and further afield. An interesting mix of adventure and archaeology. Robert Burgess has been diving for over 50 years. He lives in Chattanooga, Florida.	\$30.00	
		The Taming of The Slough. This is Sheek Exley's exciting story of the discovery and mapping of the Peacock Springs Cave System - at the time the world's longest underwater cave.	\$30.00	
		Australian Cave 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.	\$25.00	
		Australia "Nullarbor Dreaming". During November 1988, a team of Australian cave divers set out on an amazing adventure to explore the mysterious subterranean waters of the Panamint Plains Cave. This epic underwater exploration nearly ended in tragedy when a freak cyclogen storm hit the area and the cave collapsed trapping the expedition below.	\$29.95	
		DIR 2004. Jarrod Jablonski & George Irvine - 3 DVDs: 8 hrs weaving. Great sections on stage tanks, beautiful diving shots in Wakulla	\$99.00	
		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. Producers: Andrew & Liz Wight.	\$29.95	
		Mexico "Water of the Gods". An exploration of ancient Maya ruins and underwater caves. Producers: Andrew & Liz Wight. Director: Liz Wight.	\$29.95	
		Water of the Gods - Under the dense jungle 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. Andrew and Liz Wight explore their hidden caves, uncovering their beauty and mystery, and providing a link to the past.	\$29.95	
		Cuba "Beneath the Surface". 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.	\$29.95	
			SIZE - Please Advise	
		• 30th Anniversary Embroidered Crew Neck T-shirts. Burg., White, Royal blue or Blk - M, L, XL, XXL	\$25.00	
		• 30th Anniversary Polo Shirts. Grey with black trim or black with red trim. Looks very smart!	\$35.00	
CLOTHING		• Polar Fleece Jumpers. Colours: Blue, Black. Original logo. Keeps you toasty warm and smart!	\$60.00	
		• Polar Fleece Vests. Colours: Blue, Black. Original logo. Great to wear as extra layer under the drysuit!	\$40.00	
	• Blue Crew Neck T-Shirts - Royal Blue, Regular logo Sizes S, M, L	\$25.00		
	• Ladies' Crew Neck - Smaller white t-shirts with shorter sleeves and "female" cut. Royal Blue. CDAА regular logo on the front. Sizes 8,10,12	\$22.00		
	• Beanies. Navy only.	\$20.00		
	• Caps. Black only.	\$20.00		
	• CDAА Key Rings. Blue with gold motif. CDAА P.O. Box on back.	\$5.00		
	• CDAА 25th Anniversary Stickers. Yellow. Include stamped self addressed envelope for delivery.	\$1.00		
	• Tank Cave Poster. Full Colour 14.5" x 25" poster of Tank Cave by Peter Rogers. Price includes p&h.	\$8.00		
	• CD of Guideliens 1-91 All Guidelines as searchable pdfs on CD.	\$10.00		
MISC.	• DVD of Sidemount Workshops	\$10.00		

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CDAA INSTRUCTORS

NAME	Cavern	S'hole	Cave	Penetr
A.C.T.				
APPS, Heike (CDAA 2776) BH 02 6249 9170 AH 02 6291 0566 E: heike.apps@ga.gov.au	Yes	Yes	Yes	Yes
N.S.W.				
FEATONBY, Tim (CDAA 3372) Mob: 0402 129 253 E: tim.featonby@defence.gov.au	Yes	Yes		
GRILLS, Peter (CDAA 1780) AH 02 4950 6262 Mobile 0419 820 920 E: peter.grills@hotmail.com	Yes	Yes	Yes	Yes
WALTERS, DESMOND BH 02 6041 1405 AH 02 6025 3506 dive@descend.com.au	Yes	Yes	Yes	
SOUTH AUSTRALIA				
YARRA, George (CDAA 3356) Mob: 0418 847 889 E: gyarra@adam.com.au	Yes	Yes	Yes	Yes
MARRIOTT, Max (CDAA 1268) Mob: 0428 897 897 E: dive69@chariot.com.au	Yes	Yes	Yes	Yes
TAYLOR, Ian (CDAA 3568) Phone: 0411 118 134 E: ian.taylor4@defence.gov.au	Yes	Yes		
VICTORIA				
ALLEN, Terri (CDAA 3483) BH: 0419 176 633 E: terri.allen@baker.edu.au	Yes	Yes		
AXTON, Paul (CDAA 2826) Phone: 0419 346 442 E: PALdiving@people.net.au	Yes	Yes	Yes	
BARCLAY, Gary (CDAA 1735) AH (03) 5565 8793 E: garinda@tpgi.com.au	Yes	Yes	Yes	Yes
BOWMAN, Jane (CDAA 1880) BH: (03) 5979 2600 E: info@abocean.com.au www.abocean.com.au	Yes	Yes		

NAME	Cavern	S'hole	Cave	Penetr
VICTORIA. cont.				
BUGG, Stan (CDAA 96) AH (03) 9379 8791 E: sbbugg@micronica.com.au	Yes	Yes	Yes	
CLARIDGE, Linda (CDAA 2214) Mobile 0408 052 070 E: garinda@tpgi.com.au AH (03) 5565 8793	Yes	Yes	Yes	Yes
CORNELL, Brian (CDAA 2020) Home 03 5985 2514 cornell@alphalink.com.au	Yes	Yes	Yes	
DALLA-ZUANNA, John (CDAA 236) Home 03 9434 1216 E: jdz@paintandcustom.com.au Mobile 0407 887 060	Yes	Yes	Yes	Yes
HARDMAN, Lorraine (CDAA 2824) Mob: 0418 304 120 E: PALdiving@people.net.au	Yes	Yes		
HIGGINS, Andrew (CDAA 3329) Mobile: 0413 569164 E: ahiggins@optusnet.com.au	Yes	Yes		
LESLIE, Paul (CDAA 3184) BH: 03 9879 2868 E: info@diverinstructionservices.com.au	Yes	Yes		
MCDONALD, Warrick (CDAA 1882) BH: (03) 5979 2600 E: info@abocean.com.au Mobile 0408 374 112 www.abocean.com.au	Yes	Yes	Yes	Yes
MONACO, Rubens (CDAA 1731) BH 03 5984-1799 E: info@idcscuba.com.au Mobile: 0413-429-533	Yes	Yes	Yes	
WALTERS, Des (CDAA 687) Location: Albury NSW Phone: (02) 6041 1405 Email: dive@descend.com.au www.descend.com.au	Yes	Yes	Yes	
WEALTHY, Bob (CDAA 464) Mob: 0417 524 005 Email: somerset@austametro.com.au	Yes	Yes	Yes	

CAVE COURSE

By Mike Reed.

Thursday 20th July 2007 – a group of 4 would-be Cave Divers arrives in Mt Gambier and checks into the Bellum Hotel. Everybody is excited about the prospect of the next three days doing the Cave Diver course with Warrick and Jane. All have been Cavern-Sinkhole Divers for a year or more and want to experience that "next-level". Two of the group are also GUE trained "Do-it-right". Earlier in the week the group had met for three evenings of theory and are now ready to take on the practical challenge... Or so they thought.

Friday dawns and it's off to Gouldens Waterhole. The first dive is fine. Nothing too challenging. Just some following of the line with blacked out masks whilst sharing air and a few other important skills. Well, we did something similar on our Cavern-Sinkhole course, didn't we? Dive 2 changes everybody's perception. The infamous "stress test" – reeling in the line with no mask whilst buddy breathing. Nobody passes first time around. Ice-cream headaches from the cold water on the face. Nobody sleeps too well that night – dreading the next day when they have to try it again and get it right this time. The instructors are probably a bit concerned by now as well! Will anybody actually pass? Or will we all be going home early? Perhaps we'll have a few "Sherpas" to help carry equipment but not do any more diving? Saturday dawns all too early. Two of the group decide that an early morning practice would be in order and head back off to Gouldens almost before the sun is up. The instructors arrive and reassuring words are exchanged. To everyone's relief, the practice and/or the sleepless night pays off and everyone gets through Dive 2 as well as extricating themselves from the line entanglement exercise.

So now it's off to Allendale we go. The group gets to experience their very first actual cave dive. Words like "awesome", "fantastic" echo around Allendale East when everyone gets back out of the water. Everybody has a great night's sleep on Saturday night. Aided by a bottle or two of wine to celebrate getting this far. But it's not over yet. Sunday morning finds our intrepid team at Pines. Another "real" cave! This time the buddy teams have to find their way out of the cave with blindfolds on. They soon learn that the real exercise is a bit tougher than doing it in Gouldens.



This time you can get stuck! Buoyancy control leaves something to be desired and tank valves get a bit of bashing. Just as well they've all practiced checking their valves. Yes – and when your drysuit won't inflate that usually means your left post has rolled off! But what an amazing experience! The words come out again and everyone is bubbling over. Sunday afternoon – the final dive. Now the team is at Fossils. Aren't these "real" caves amazing, and so different to those muddy old sink-holes? The task this time is to exit from the cave with just a back-up light. This doesn't turn out to be too difficult – except for some buoyancy control issues when masks are lost!

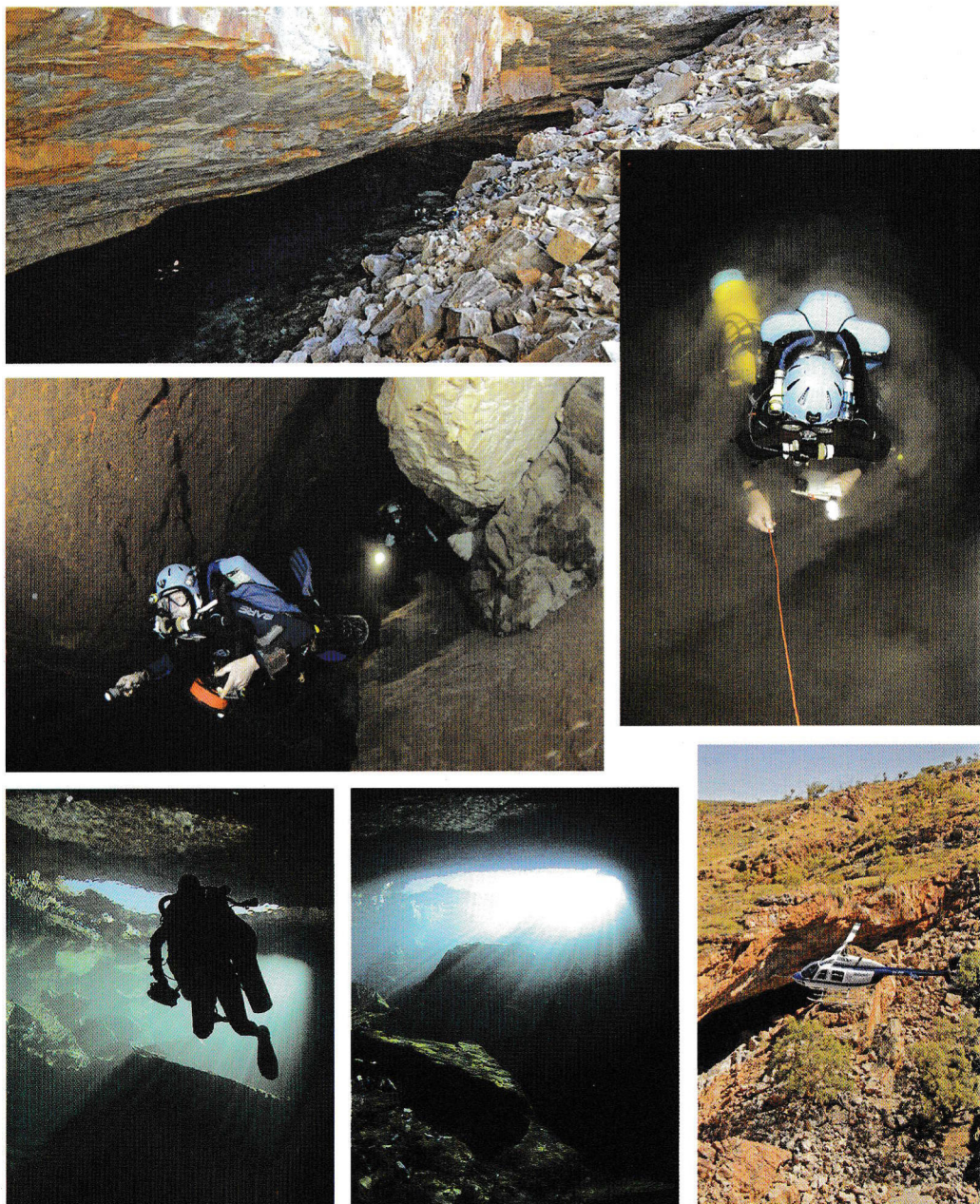
At last, the team is finished. They're all now Cave Divers. Weary, but intensely satisfied and looking forward to experiencing the whole new world that has just opened up for them. Skills have advanced ten-fold. Relationships have been forged between DIR and non-DIR (who said that wasn't possible?).

And a heartfelt thanks to the ever-patient instructor team.



~ THE SPIRIT OF KIJO ~

From John Della Zuanna's article on pages 8 and 9, comes an array of images from Dr. Richard 'Harry' Harris & their amazing adventure!



SEPTEMBER 2006

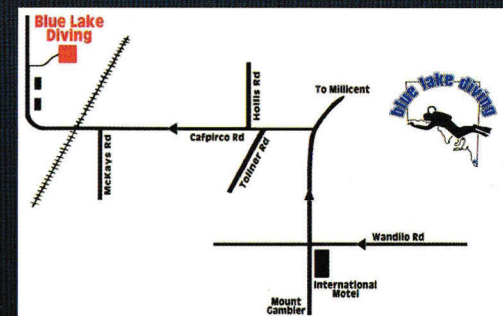
NEW OWNER ~ RELOCATION

Phil and Julie Argy of Blink Bonney Lodge have sold 'Blue Lake Diving' to Darren Walters. Blue Lake Diving has been relocated to Darren's Property on Cafpirco Road.



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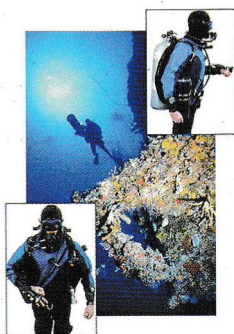
All enquiries – Call Darren 0408 845 511

Lot 7, Cafpirco Rd, Compton (via Mt. Gambier)
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Above Average Below Water

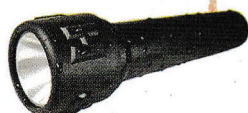


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