



**C.D.A.A. Newsletter**

**No. 102 - DECEMBER 2007**

*Merry Christmas  
and a fantastic 2008!*



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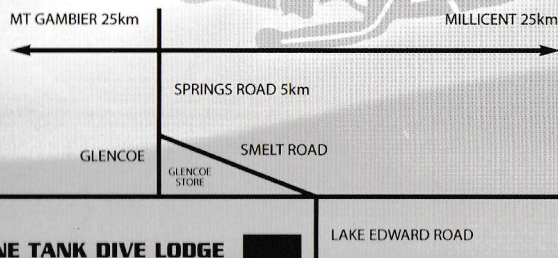
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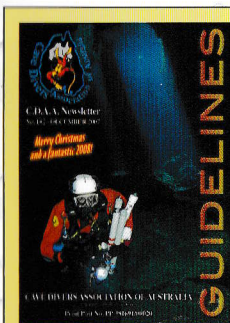


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## Front cover:

Photo title:  
"Father Christmas  
clutching his candy  
pingers"

Photographed in Kilsby's

Photographed by  
Richard Harris.

Composite art design:  
David Bryant

## CAVE DIVERS ASSOCIATION OF AUSTRALIA

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GUIDELINES is a newsletter of the Cave Divers Association of Australia. All articles for the following issue are to be sent to the Editor, David Bryant, E-mail: seapics@alphalink.com.au.

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## EDITOR'S CORNER

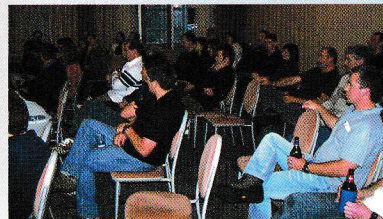
In this edition of Guidelines we have another great mix of reports from USA, local diving, mapping, handy hints and lots of photos from the very successful AGM Member's symposium (see a shot of the audience below). We welcome on board new advertisers for the coming year: Metalsub or make HID lights, Peter Fear's hoses, Allendale East General store airfils. Thanks also to our other supporters. All advertising layout and invoicing is now handled by David Bryant, so please talk to him for all your advertising needs. Please remember as members you are also able to advertise your own second-hand gear for free in Guidelines and on the web page so make the most of this member service. I also ask that all instructors please put their courses up on the web page. Makes it easier to co-ordinate access between instructors as well as letting new potential members know what is happening.

Thanks to those who voted me back in for another term as publications and records director and thanks to Helen for putting her hand up to nominate for the position. The directors are still busy working on course updates, instructor updates, membership matters and starting to plan for next year's symposium and other events including talks in SA.

Recently I was lucky enough to be involved in the Tank Cave project weekend organised by Stuart McGregor and Warrick McDonald. Despite being well advertised, the turn up was initially disappointing and the task rather daunting, but we got stuck in to things under Stu's great guidance. Since my partner Geoff has to pull out at the last minute with a crook back I was left to buddy with Warrick. For each dive Stu would load us up with our neoprene "goodie" bags complete with new tags (thanks to Rob B for organising this), zip ties, cutters and hand drawn maps. We soon got in to a routine of removing tags, swapping them around and tidying up line. We "created" the new P section, tried to renumber the J section and averaged at least 100 minutes on every dive. Les and Stu redid the entrance to the S section and the new N line. Steve and the scooter lads ventured out and renumbered the G and H area, now much more logical. I think one of their dives was close to 3 hours. At night we discussed scenarios of rescue in Tank as well as the pros and cons of snap and gaps, etc, it was very thought provoking stuff. I think for us all it was a very satisfying 4 days of hard work, completing many tasks. Once again another new map is available on the web and up at Tank Cave.



Photos by David Deng

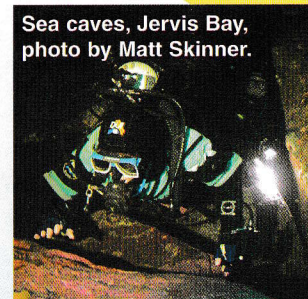


Geoff and I are currently doing an IANTD Trimix course and look forward to some of the deeper sections of 1080, Blacks and Kilsby's next year.

Have a happy and safe Christmas  
and New Year.

Terri Allen, Publications and Records Director,  
Email: [pubdir@cavedivers.com.au](mailto:pubdir@cavedivers.com.au)

Sea caves, Jervis Bay,  
photo by Matt Skinner.



## ~ ARTICLES FOR GUIDELINES ~

- Send articles & photos via email to Terri Allen and David Bryant:
- Email to [publications@cavedivers.com.au](mailto:publications@cavedivers.com.au) and [seapics@alphalink.com.au](mailto: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 to PO Box 2198 Rosebud VIC 3939.
- Pictures saved from digital camera or scanned from photos must be at least 200-300 ppi at 15cm wide, RGB files, and saved as Maximum Quality JPEG's, or Tiffs if mailing.



# Kilsby's Mapping Weekend - Pt.2

Richard 'Harry' Harris

Perfect weather greeted the team for the second and final mapping weekend at Kilsby's Sinkhole in early November 2007. Once again due to the generosity of the Kilsby family, we were granted special access to the site in order to complete the survey and exploration work. The 8-member group performed approximately 32 dives over 3 days to finish the job.

The divers involved were Linda Claridge, Gary Barclay, John Dalla-Zuanna, Chris Edwards, Richard Harris, Peter Horne, Grant Pearce and Ken Smith. As before, a mixture of open circuit air and trimix diving was performed as well as rebreather trimix dives. All dives were completed safely and without incident.

More detail of the deeper SE area of the sinkhole was recorded. The side passage in the NW wall was surveyed, and a number of important points within the cave were "pinged" by Ken Smith. This will significantly increase the accuracy of the survey work done. Photographic and video work was performed by Ken, Harry, Gary and Puddles.

Checking and rechecking of the deeper sections of the cave have confirmed the lack of



Photo Ken Smith

any deep conduit leading to China (or even Victoria), so it looks as though the maximum depth will remain in or around the "Scissor Room" at 64m. The entire perimeter of the cave was again scrutinised for leads but nothing new found. So the challenge remains for others to find the way on!

As an interesting aside to the mapping activities, we attended a meeting on Saturday night at the Allendale Community Hall. This hall is under threat because of rising insurance premiums, and so Peter Horne organised for himself and Richard Harris to give talks about cave diving to the local community. Peter's CDAA history talk, and Harry's discussion of modern developments in cave diving seemed well received and will hopefully assist with the local effort to save the hall. The hall actually has great significance to the CDAA, as it was here that the stakeholders all met in 1973 to consider the formation of our association after the cluster of cave diving accidents. Ian Lewis who was present at those early meetings, also took the opportunity to address the crowd to commemorate the significance of the hall to the CDAA, and to wish the locals good luck with their fundraising.

Back to the sinkhole, and most of the exploration and survey lines were removed at the



Photo Ken Smith



Photo Ken Smith

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Photo G.B.

end of the weekend leaving only one triangle shaped guideline that will be a useful visual reference for new divers in the site. The data will be processed over the next few weeks and a new and improved map of Kilsbys will soon be available to all members. The project was the second mapping project in the region using trimix gas to collect data in deeper water, and was the first to utilise rebreathers for that purpose. In that regard the safe completion of the project has been particularly satisfying.

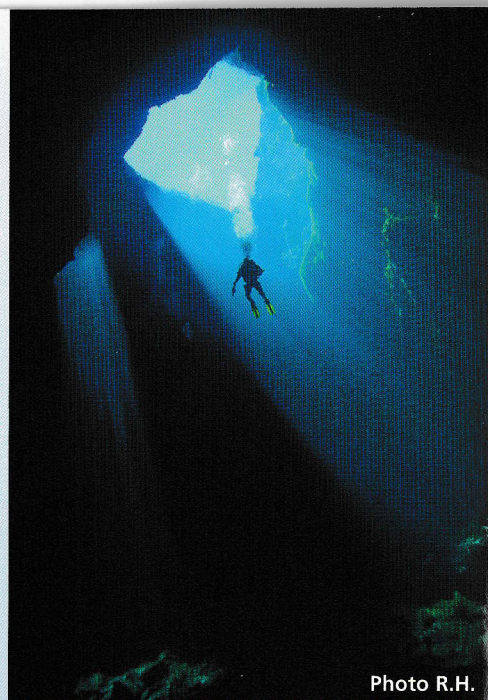


Photo R.H.



Photo R.H.



Photo R.H.

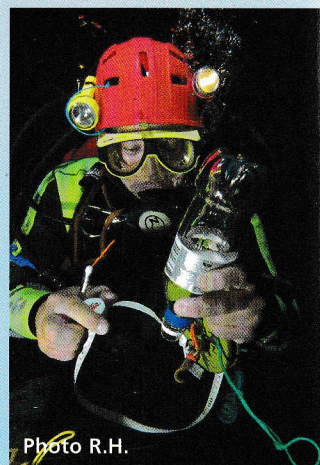


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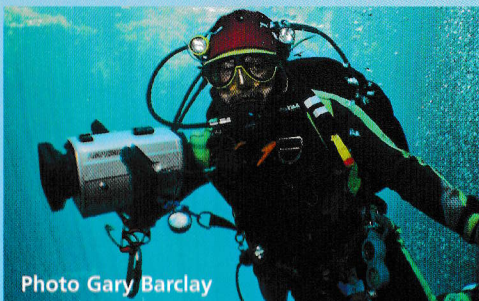


Photo Gary Barclay

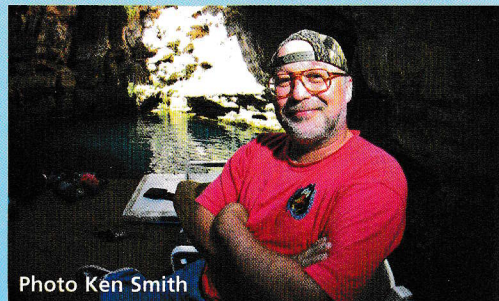


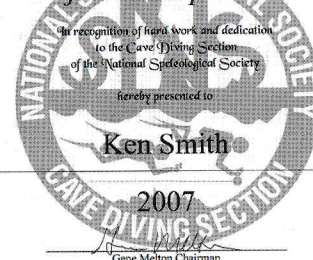
Photo Ken Smith

## NEWS...

### NSS-CDS AWARD TO KIIA TEAM



#### Exploration Award Kii Blue Expedition



The National Speleological Society - Cave Diving Section (NSS-CDS) have awarded to the Kii Blue '06 Expedition the NSS-CDS Exploration Award for 2007. Ken Smith, one of the expedition members attended the 2007 NSS-CDS Annual Workshop "Cave Diving Around the World" held at Camp Weed - Live Oak, Florida during the week of May 25-28, 2007.

Ken made a number of small presentations including cavediving at Kii Blue, the Nullabor and Mt Gambier, all of which were enthusiastically received.

At the workshop, Gene Melton, NSS-CDS Chairman, presented to Ken a stone award plaque and certificate for each of the Kii team members.

The team consisting of Paul Hosie, Craig Challen, John Dalla-Zuanna, Richard Harris, Steve James and Ken Smith would like to thank the NSS-CDS for their acknowledgment.

## IMPORTANT!

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# How to AVOID "REGULATOR STONES"

*"If you don't put some mesh over your mouthpiece to stop stones getting in you will be sorry one day"*

*This was some very good advice that Daves Warnes gave me in 1988.  
....Unfortunately it took me almost 20 years to act on it.*

By Ken Smith

In 1988 Dave was training me and my buddy, Doug Alford, for our category 3 cave diving test. For those who don't remember, the cat 3 test was a much feared event that took place in Goulden's Sinkhole. It was the highest level of testing done at that time. The higher category 4 qualification was obtained just by demonstrating enough cat 3 diving experience.

As we trained we sometimes dragged our regulators in the mud and Dave always said this would cause trouble. These days, of course, we know how to clip our regulators into a safe place. However, debris can still enter an unused mouthpiece. Stage regulators are particularly at risk.

## A Problem in Tank Cave

Pictures 1 and 2 show the condition of my Poseidon Cyklon second stage after a dive in Tank Cave in 2006. Stones had entered the mouthpiece and two had passed through the relatively large holes that lead to the exhaust valve. The exhaust valve is prevented from opening very far by the close proximity of the plastic cover. This meant the stones could not pass all the way through. So they stuck there, giving me very wet breathing.

Fortunately I was wearing twin independent side mounts and the other tank had plenty of gas and a working regulator (not a Cyklon). I could still breath from the Cyklon by carefully pressing the purge button. However, the dive was called at this stage and we headed for the exit. I also found that if I put the palm of my hand flat over the end of the

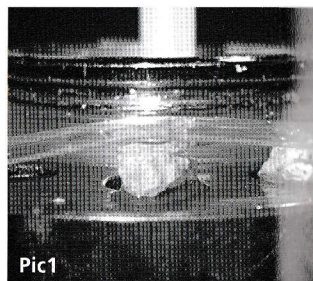
regulator it would block the exhaust ports and I could get a dry breath. This is a handy trick which could be useful one day.

I think the Cyklon is particularly prone to this problem, as stones can enter the exhaust valve through the large holes and then get stuck. However, stones in your regulator is never good news and after almost 20 years I decided to take Dave's advice and put mesh on all my regulators.

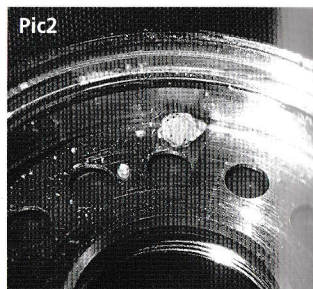
## What Type of Mesh to Use?

It is important to choose the right type of mesh. Nylon panty hose has been recommended by some people. However there are a number of problems with this approach. Firstly, panty hose are difficult to buy as there appears to be a very wide selection of types. Then you have to deal with a young female sales assistant who is not sure whether you are a bank robber or a transvestite, or both. Secondly, they tend to shred after a period of use and may get caught on some of the working parts of the regulator, particularly in the case of the Cyklon which has a lever mechanism quite close to the opening of the mouthpiece.

I resolved to use some stainless steel mesh. A cheap source of stainless steel mesh is a cooking sieve. These come in all sizes from tea strainers to very large. I found one a bit larger than a tea strainer that had the right size of mesh. An open mesh is needed to give good air flow, but the holes mustn't be too large of course. Avoid using the flat mesh devices that stop fat spatter



Pic1



Pic2

from frying pans, this mesh is often not stainless and will corrode.

The mesh can be cut with sharp tin snips or scissors, then flattened out and cut to size to fit the regulator.

## My Failed First Attempt

My first attempt at using stainless mesh looked OK. I cut out an oval piece of mesh and fitted it inside the rubber mouthpiece in contact with the body of the regulator. This worked well initially, but after while the mesh started to come apart. I didn't like the thought of a mouthful of sharp wire needles, so I decided that something was needed to hold the mesh together.

I decided that full strength araldite (NOT 5 minute setting) could be used to hold the mesh in

place, as well as preventing it from disintegrating. Below is the procedure I used.

## Procedure for fitting Stainless Steel Mesh to Your Regulator.

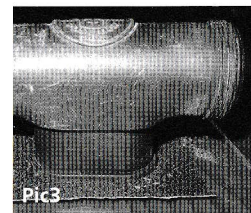
Remove the rubber mouthpiece from your regulator. You should also dismantle the regulator as far as possible. If you don't fully dismantle the regulator you should take care not to get dust and araldite in the working parts.

Place a sheet of medium grade wet and dry abrasive paper on a flat sheet of glass or metal. Then rub the mouthpiece part of the regulator on the paper to provide a flat roughened surface for the araldite to adhere to (see picture 3).

Cut out a piece of wire mesh which is a bit larger than necessary to cover the mouthpiece hole.

Place a sheet of newspaper on your flat piece of glass or metal. Place a piece of cling wrap on the newspaper. Finally, place the piece of mesh on top of the cling wrap.

Mix up some full strength araldite and place a thin covering of araldite on the roughened surface of the regulator. Don't use too much. You need just enough to fully wet the mesh, but not so much that it flows into the mesh and blocks the holes.



Pic3

Place the regulator downwards onto the mesh. Make sure it is square and firmly pushed down. Use a small weight to keep it in place.

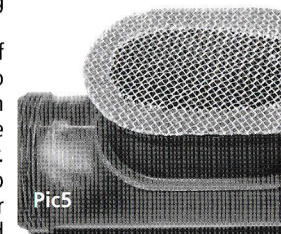
Wait at least 24 hours until the araldite has fully hardened. It should then be possible to lift up the regulator and peel off the cling wrap.

Use a sharp pair of tin snips or scissors to cut back the mesh until it is flush with the body of the regulator. Then use a small sharp file to round the corner of the mesh and get rid of any sharp points (see pic 5).

Use some clean water to wash away any dust. Re-assemble and test the regulator.

It will not be possible to make adjustments to the regulator setting if this has to be done through the mouthpiece hole. However, I found that I could set my Cyklon venturi by holding the regulator together by hand to test the breathing. I could then take it quickly apart to adjust the venturi. When all was OK I fully assembled the regulator.

Happy Cave Diving, and Dry Breathing!  
Ken Smith CDAA 799



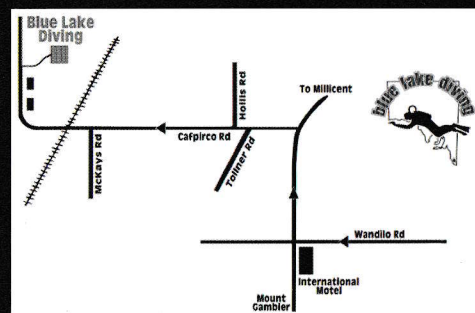
Pic5

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# 'Standards Direction'

I trust those who attended the 2007 AGM enjoyed the range of presentations put forward. I would like to thank all the speakers for both their time and effort, which cumulated in a number of high quality presentations. We had approximately 60 people attend which is the largest number at an AGM in many years. Additionally I would like to thank those of you who made the effort to attend as the audience. We hope to further capitalise on this success next year. To that end the directors are already contemplating a guest speaker line up of an international flavour for 2008. Please contact me with any suggestions of who we should invite.

## Team Dynamics Research (From the NACD website)

Researchers from the University of Florida are sponsoring a research study for the underwater cave diving community. Your participation is requested for study into underwater dive team dynamics and its effects on the success of underwater exploration.

Participation in this research will enhance awareness of team characteristics and processes that influence the enjoyment, safety, and overall effectiveness of cave diving. The findings from this study are expected to expand your underwater

awareness, add to your diving capabilities, and help promote the continuation of underwater cave diving as a safe and enjoyable sport.

Participating in this research will require individuals to fill out two surveys—first a brief online survey at your convenience and then a short paper survey on site after your team completes a dive. Your responses to these surveys will be kept completely confidential. As an incentive, after each dive, if the majority of your dive team completes the on-site survey, each participating member will receive a \$5 Amazon.com e-gift certificate. You may receive this gift multiple times.

You are encouraged to join in this important effort to understand the intricate nature of underwater team interactions and its impact on the success, effectiveness, and safety of underwater cave dives and explorations. You may begin immediately by completing the initial online survey at the link listed below.

[http://www.surveymonkey.com/s.aspx?sm=wn\\_2ftGtUgLn4HtXfsj8UmQ\\_3d\\_3d](http://www.surveymonkey.com/s.aspx?sm=wn_2ftGtUgLn4HtXfsj8UmQ_3d_3d)

## Incident Management

There has recently been a thread on the email list relating to incident management at a dive site. I wish to reiterate that in the event of an incident the emergency services should be the first phone call made by divers on site. This may be a phone call from the surface whilst team members are searching for a missing diver. It is far easier to cancel them than explain to a coroner why they were not contacted immediately. Consideration should be given to getting other divers in the area to the site - Is it a tank weekend or a shaft weekend? Consideration should be given to contacting Pine Tank Lodge or Blue Lake Diving in order to get assistance from divers that may be close by. The air available to a lost diver will in most cases be limited and speed is essential. Importantly, someone should make notes of what has occurred and what procedures they are implementing.

All media contact concerning the CDAA should come from the National Director. All incidents attracting media attention should be reported to him as soon as practicable.

## Tank Cave Renumbering

Please be advised Tank Cave has recently had line and numbering modifications in an effort to change the original mapping lines in to a more user friendly series of diving lines within the cave. Several sections have been marked with new numbers and lettering. Please make yourself familiar with the changes via the map which is posted on the website and at the shed at Tank Cave.

Steve Trewavas, Standards Director



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- \* Four Star Flag accommodation & hospitality;
- \* 60 Modern Motel Units;
- \* Under cover access to the Restaurant;
- \* Indoor heated Pool/Spa/Sauna;
- \* Tennis Court;
- \* Austar Multi Channel Television;
- \* Secure floodlit off street parking;
- \* Late Check in's available;
- \* Quiet location, central to diving sites.

**NEW OWNERS...  
Lisa & Andy  
Shoemark**

## SPECIAL ACCOMMODATION RATES AVAILABLE TO CDAA MEMBERS

Single Room: \$60 Twin/Double Room \$70 Extra Person \$10

**Accom./Meal Deals - 2 Course meal and one drink deal - \$20  
(Soup/Main or Main/Dessert)**

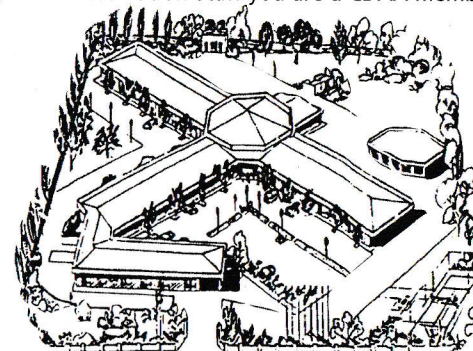
**Breakfast \$14 Continental \$18 Full. (\$2 less in June to August)**

For these prices, rooms will not be cleaned over the weekend, but towels will be replaced.

Rates will not apply over Easter.

**RING TOLL FREE ON 1800 088 877 TO MAKE YOUR RESERVATION**

(Advise Reservation Staff you are a CDAA member)



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CDAA  
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## CDAA AGM 2007 - Minutes 13/10/2007

Venue: Comfort Inn Silver Birch, Mt Gambier

### AGENDA

#### a. Opening and Welcome

The AGM was opened at 6:00 pm by Warrick McDonald. The public Officer Kevin Burrows who usually chairs the AGM sent his apologies.

#### b. Present and Apologies

Present:

Warrick McDonald, Heike Apps, Steve Trewavas, Gary Barclay, Terri Allen, Grant Pearce, Neville Skinner, David Raymond, Shaan Evans, Tim Payne, Tania Yarra, Jason Caldwell, David Deng, Jeremy Cass, Scott Edwards, Andrew Higgins, Helen Higgins, Graham Keating, Wayne McCabe, Darren Crockett, Rob Lee, Gawain Lynch, Liz Rogers, Dean Chamberlain, James Arundale, John Dalla-Zuanna, David Scarlett, Deb Williams, Geoff Stebbing, Ken Smith, Suzie Quick, Ian Taylor, Maria Brennan, Rob Brennan, Richard Irdorfer, Agnes Milowka, Lorraine Hardman, Linda Claridge, Garry Barford, Andrew Lockwood, Darren Walters, Bruce Bullied, Andrew Childs, Geoff Parker, Naomi Dickinson, Heath Winkler and Stuart McGregor

#### Apologies:

Kevin Burrows, Max Marriott, Michael Kelly, Grant Sommer, Noel Dillon, John Vanderleest, Richard Harris, Andrea Gordon, David Fielder, Jarrod White, Jane Bowman, Sarah Ibbison and Geoff Chambers

#### c. Acceptance of the minutes of the previous AGM

Minutes of the previous AGM were accepted – MOVED by Terri Allen and SECONDED by Deb Williams

#### d. Business Arising from the previous AGM

No business arising from the previous AGM

#### e. Adoption of the Annual Reports

All annual reports were in the previous issue of Guidelines and accepted. Standard Directors report [Steve Trewavas] accepted and MOVED by Rob Lee and SECONDED by Ken Smith. Site Directors report [Gary Barclay] accepted and MOVED by Ian Taylor and SECONDED by Terri Allen. Business Directors report [Heike Apps] accepted and MOVED by Gawain Lynch and SECONDED by Neville Skinner. National Directors report [Warrick McDonald] accepted and MOVED by Jason Caldwell and SECONDED by Liz Rogers. Publications and Records Directors report [Terri Allen] accepted and MOVED by Gary Barclay and SECONDED by Warrick McDonald.

#### f. Appointment of an Auditor

Cleland McFarlane Selth Pty Ltd were appointed auditors for 2006 and 2007. The company has been reappointed for the year 2008.

#### g. Results of postal voting

Warrick offered his congratulations to Helen Higgins, Rob Brennan, Terri Allen and Gary Barclay for standing. He said it was excellent for the association and thanked the nominees. Voting results were very close, with only 12 votes between two nominees.

Voting Results : 136 votes received.

11 of these were informal

Warrick McDonald was returned to office

Terri Allen was returned to office.

Gary Barclay was returned to office.

#### h. General Business

1. Andrew Higgins wanted clarification on matters concerning the conduct of a CDAA member. It is alleged that one member has been causing trouble with other members, including assault and verbal abuse. Warrick McDonald [WMcD] answered that it was difficult for the CDAA to become involved in issues between members. Any complaints need to be formalised. WMcD also stated that the constitution is weak and open to interpretation. A member stated that we need to look at the constitution as poor behaviour brings the organisation into disrepute. Grant Pearce stated that the CDAA needs to have a code of practice among members. There was a general discussion on this topic and also on where the CDAA stands on issues between members, with one member stating that we cannot become involved if issues between members are off site.

2. Ian Taylor thanked the current Directorate for their work

3. Liz Rogers asked if the CDAA could buy a GPR [Ground Penetrating

Radar] as was discussed in an afternoon talk by Stuart McGregor. Cost of unit is approx \$50000 (Laughs all round and advised that the next model could be cheaper and better!)

4. A question was asked as to why there is a hold on the number of Victorian instructors. A reply was that there are too many instructors per student ratio. The constitution states that instructors are taken on as needed. Linda Claridge asked when instructors were notified. Reply was they are notified when they apply through the Standards Director. Ian Taylor stated that a cap was needed, as for example there were 75 Deep Cavern students between 20 instructors. There was discussion on this subject between members; Steve Trewavas stated that instructors should list their courses on-line. Warrick stated that there needed to be a push to encourage interstate instructors, particularly in SA

5. Increasing CDAA membership – particularly in SA was discussed. WMcD stated that we need to advertise the Association more widely in SA as a lot of effort had been made in previous years in NSW [eg OzTEK and Dive Expo in Sydney], perhaps to the detriment of SA. WMcD said the coming year would see a greater effort for promoting CDAA in SA

6. A member stated there was a negative response from Mount Gambier to cave divers, probably a hangover from the past. Mount Gambier is a cave diving mecca but locals do not dive. Do we need PR? Deb Williams suggested we get professional PR to promote cave diving. JDZ stated that the caves are a limited resource – an eco environment, and we do not want the cave environment to be trashed with huge numbers of divers. One member stated this [professional PR] was a waste of CDAA money. Another member suggested we look at associate memberships – with people interested in cave diving receive Guidelines – but are not divers themselves This will be discussed by the Directors.

#### 7. Financials

A preliminary financial audit report is available for those members interested. The auditors are still waiting for responses from the bank before they can finalise the report. When complete, the final report will be available on line and in the next issue of Guidelines.

8. A member asked if we were still getting a site shed at Pines. Answer – apparently Trevor Wynniatt has said that the site may be fenced and members will have to pay to dive Pines. ie user pays system. CDAA cannot lease Pines or other Forestry sites. They will lease where possible – eg Kilsbys – which has better access now.

9. Jason Caldwell asked if the permanent line was going to be replaced in Stinging Nettle. Warrick said it had been removed due to complaints. Jason said the site was better without the old line but a better placed new line would be OK. To be acted upon by the Site Director

10. Barnoolut – WMcD stated the stairs in Blacks would be installed soon. This would be without additional cost – as Grant Sommer, the access manager had monies left in the Barnoolut kitty. It was mentioned by a member that working bees need to be better advertised with more lead time. Dive dates need to be better advertised, as do dates of working bees.

11. Andrew Higgins asked if Grant Sommer was insured or is it covered by CDAA insurance. WMcD stated that the Barnoolut lease was in Grants name for the CDAA to dive, therefore it was covered under our insurance. He also stated that Grant has told him he is fully insured. A member asked what the ramification would be in case of accident if CDAA is named on the lease. Could it cost the Association many \$\$\$? WMcD said he would discuss this matter with Grant.

12. Thanks were given by the National Director for the large attendance at the workshops, talks and at the meeting. A special thanks went to the guest speakers Bill Rouse, John Dalla-Zuanna, Craig Howell, Ken Smith, Tania Yarra, Steve Trewavas and Stuart McGregor. A reminder was given to attendees that a set menu was available for dinner at the Silver Birch for any interested people. Thanks also to Heike and Steve for arranging the venues and activities, and Terri for organising the swap meet.

13. Stuart McGregor, with his ground penetrating radar, was meeting at Pines if members wished to join him the following morning.

14. Next year will see other workshops and talks and possibly an overseas guest speaker.

i. Any other Business  
No other business

j. Close - Meeting closed at 6:55

# NATIONAL DIRECTORS REPORT

## DECEMBER 2007

The postal votes for the CDAA Annual Elections resulted in all previous Directors being returned to office. Thanks to Helen Higgins and Rob Brennan for standing for position, it is only members who are willing to back their opinions with actions that will see this Association grow and I'm sure that all members thank them for nominating.

So you are stuck with me for another two years and unless someone or something upsets me, that will be it, 10 years is enough for anyone, thank god I lost my sanity after the first two!

The AGM was an outstanding success with 60 members attending the Members Symposium events. The SRT workshop run by Bill Rouse was a knockout and what can be a boring subject to some, turned out to be a "mind blower" with equipment and techniques that really opened up everyone's eyes. Ken Smith took us through his "high" adventures with helicopter transfers to "Kija" and proudly showed us his and the other team members awards from the N.S.S. in the USA. Tania Yarra went through what it takes to get to "Toad Hall" in Cocklebidy and beyond. When you listen to Tania you appreciate the determination and guts it takes to undertake a project of this proportion. Steve Trewavas gave a presentation on scooters and it highlighted just how important dive planning was especially with scooters. Many ride scooters but how many can really use one safely? John Dalla Zuanna used a Power Point

presentation, to talk about rebreathers. Most discussions I have attended on rebreathers seem to go right over the heads of the audience. This time here was someone talking at a base level, instead of trying to impress everyone with how much the presenter knows, John aimed it at the, what I consider the basic level and then slowly progressed right through to closed circuit rebreathers. You could not help but come away from his lecture and understand the subject, well done! Craig Howell stunned us with his talk on the Pearse Resurgence. Damn cold, damn deep and damn hard that was my impression. So how do I get there? This was the first time I had listened to Craig and I found him to be very knowledgeable and it made the subject even more interesting with his side stories about the adventure. Stuart McGregor spoke on his Ground Penetrating Radar and managed to use one of our young attractive girls (am

I allowed to say that?) as his demo model. (Yes she was a CDAA Penetration Level diver). The meeting itself was started in a rush to stick to the Constitution requirements, unlike previous years the Directors were not all present at the front. I apologise for the informality of this AGM as previous ones have not been like this, the next one will return to a more formal approach and I take the blame for this as I didn't give the Directors proper direction as to what was expected. Even though most attendees were exhausted by the day's events the members attending blitzed all attendance records in my memory. A meal followed the meeting and it was attended by about 45 people. (We couldn't fit anymore!) Congratulations to Steve Trewavas who suggested, planned and made the presentations happen. Heike as usual did all the arranging of the venue etc and in her normal efficient way everything promised just happened. The "Swap meet" held at the same time, and organised by Terri Allen, saw a number of bargains pass hands and next years event, given the information already at hand promises to be a real "knockout!" Look out for more guest speakers, workshops and another swap meet. Steve T is not just a pretty face but a real worker and when you see the results such as this you appreciate his position as a Director and the value the Association gets from him.

Sunday had Stuart McGregor and a tribe of people walking over sites with his Ground Penetrating Radar. The smiles were huge, new caves, extensions of existing sites and leads that weren't known all showed up on the computer.

001 it's a number that is held by only one person, CDAA member Dave Warnes. Dave is one of those likable characters that the CDAA has as a member and in Dave's case a Life Member. Dave is the guy who DOES the work not talks about it! Dave built the style so that the fence at Tank Cave didn't get broken down, again! Dave was the main builder of the original shed and Dave recently spent the best part of a week at Tank with a jackhammer making the entrance safer and larger. If you had hit your head on the rock halfway in the entrance more than once you know what I'm talking about. Getting into the water because of the drop in water level was becoming a major issue as a huge boulder blocked the way. Well, Dave stepped up and fixed it, a quiet achiever who works behind the scenes, wore out his boots, froze his backside off, all for you! Try shifting about 4 tonne of rock and earth by yourself someday while crouched down or lying in water then maybe you'll appreciate his effort. And



yet...there will always be those who "knock" anything that they didn't do or think of. Cries of "foul" were raised about damage to the formations on the roof, well first you have to appreciate that the roof was not the "roof" anyway and had been "adjusted" many times over the last 30 years or so. Then we have to consider what's "natural" and what's not. The small roof decoration is formed by the seepage of water caused by a split in the water tank above ground that has progressively become worse over the years. It's a form of recycling I suppose, with the water that's pumped out of the cave running back into it again, albeit more slowly and it forms small protrusions, man made stalactites which will re-appear over the years. Personally the small crawl through suited me fine because I am, or I like to think it anyway a fine specimen of the male gender, although a little old and on the compact style. The site has progressively grown to accommodate those who are the opposite of my description and perhaps aren't as supremely agile and fit (My mum thinks so but she does show everyone my baby photos and uses that as an example so perhaps her description can't be relied on). While on the subject of volunteers, look at the effort led by Grant Sommer with his trusty deputy Hugh Moore. We now have 3 solar powered lights in Tank Cave, flick the switch and presto! The boys (when you are my age you can call men that!) also fixed the ladder by moving it from the vertical to an angle that allows all but the most cholesterol enhanced members to negotiate the climb down, oh and a few large sidemounters need to do the twist but who cares about them...right?

Good news on the Barnoolut front as Grant is now working on getting "Blacks" opened. Grant has had his "knockers" and the ill informed comments I have directed at me

or are relayed to me; make me shake my head in amazement of how quick some of us are, to judge people negatively. Grant has been collecting a fee to act as the owners "Access Facilitator" does he want to dive 1080 every weekend? What would you think? What would you do in his case; he negotiated the access and allows the CDAA to dive on the property acting on the owner's behalf. Why should he put up with the animal droppings that are aimed at him verbally? Would you? With the fee surplus Grant has now established a fund to build an entry staircase into "Blacks" has he asked the CDAA for funds...NO! Would we pay...probably...if it benefits our members why not? So my call to you, the members without the chip on the shoulder, the members who give fair reward, for fair work done, the members who understand what it's like at the coal face, to give the guy a break and recognise that he's doing it for YOU!

I seem to be talking a lot about Tank cave in this report but that's where my main focus has been lately, between examining on the Penetration Program, which lets me dive Gouldens, Engelbrechts West, Iddebbiddy and Pines and my Guiding in Tank Cave I don't get much time to go elsewhere. The recent "Tidy Up" in Tank Cave was long overdue and I'm sure most (you need to read some of my comments above) would agree. The confusion on new diver's faces, when they try to plan dives, has been experienced by all who dive there. After a while you get used to it and adapt to what was there. Now all numbers run consecutively, in other words the higher the number the further you are from the entrance, makes sense doesn't it? Now when you enter an alphabetical section it isn't confusing, as the line runs through that section and not into different areas, hence the "S" section is now also the "P" and "N"

## Report from the Business Director

Business is as always going along pretty smoothly. This is a quiet time of year and not too much is going on with the financial side of things.

In this issue of Guidelines you will find a summary of the audit report. The full report will be available on the CDAA web site. If anyone without access to this site wishes to have a copy - please contact me. You will also find the minutes from the AGM in this issue.

The AGM was a success with 47 people attending. This is the biggest attendance I have seen in the last few years. No doubt the pre-

sentations for the workshop were a big draw-card. The talks were very interesting and I would like to thank Steve and the presenters for an informative afternoon.

Most of the members attending the AGM stayed for a tasty meal and a chat. I think the evening was enjoyed by all.

Best wishes for Christmas and the New Year

Regards, Heike

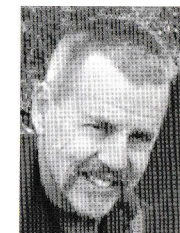


section, all distinct areas. By having to jump out of an area we (the Guides read ... "rescuer") should know where you are or more importantly where you are not! Will it be confusing...sure to divers who rely on memory some things have changed, you may actually have to look at the map on the wall and plan your dive. Maybe you are a "live jumper" (sorry for those who don't know or understand the term it means "A diver who does not mark their return or way and doesn't use a jump reel or spool to create a continuous line to the surface." Also to be found under "Fatality Waiting To Happen" and "Temporary Cave Diver" If you are, well we won't have a clue where you are but you probably don't care anyway because nothing will happen to you...will it? Of course the overwhelming majority of cave divers are safe and always mark the line and put in jumps, so should something happen we will be able to find you now. The next assignment will be to see how the "Snap and Gaps" work and whether a "T" or some other method is better suited. The measurement of distance arrows also need changing as routes have changed, new tunnels opened and what was once a good reference has now in some cases become very inaccurate. The line arrows also could be facing the wrong way given the new numbering system, it will only be a rare happening and would still lead you out, but this needs to be tidied up as

well. Stuart McGregor as the leader in charge of the Mapping and Research Committee has done a marvellous job and his planning, foresight and cartography have been a godsend to the Association. Thanks to Steve Trewavas, Terri Allen, Les Rothbart, Hugh Moore, Grant Sommer, Rob Brennan and Stuart McGregor for attending and diving with me for far to many hours but at great personal reward and the satisfaction of a job well done. To all those that were "Gunna, forgot or were busy" maybe next time. Thanks to the few who sent their apologies.

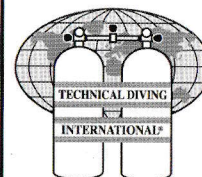
Kilsbys has been conquered again! Or so the headlines should herald! The deep mapping team consisting of "Harry", Grant Pearce, Chris Edwards, John Dalla Zuanna and supported at air depths by Peter Horne and Ian Lewis have ventured where only a few have been before. Ken Smith provided his "pingers" and valuable help to make sure accuracy was verified. The map is now being prepared and will be available soon. A great effort by these guys, as we all know Tri-mix is not cheap.

Regards, Warrick McDonald  
CDAA National Director.



## DIVER INSTRUCTION SERVICES

- Specialist in Recreational & Technical Diver Training & Equipment
- Specialist in Swimming & Snorkelling Equipment
- SSI Diver Training Facility
- TDI Advanced Trimix Diver Training Facility
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**CAVE DIVERS ASSOCIATION OF AUSTRALIA INCORPORATED**  
**ABN 65 062 259 956**

**INCOME STATEMENT FOR THE YEAR ENDED JUNE 30 2007**

	Note	2007	2006
		\$	\$
<b>INCOME:</b>			
CDAA Products net income		4,048	1399
CDAA Instruction Materials net income		3,058	333
Membership fees		48,982	46,855
Non Active Memberships		1,085	1,435
Instructor's membership fees		1,230	1,040
Late membership fees		3,780	2,790
Joining and rating upgrade fees	2	4,020	5,560
Nitrox endorsement fees		660	500
Trimix and Rebreather endorsements		1,020	-
Guidelines advertising income		5,550	5,142
Tank Cave Fees		13,880	8,440
Grants and donations received		16	-
Fines		-	115
Visitor Permits		500	-
Penetration course receipts		10,750	16,650
Interest income		11,714	8,785

<b>TOTAL INCOME</b>		<b>110,293</b>	<b>99,044</b>
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<b>EXPENSES:</b>			
Accounting and audit fees		2,264	1,875
Bank fees		444	415
Credit facility fees		1,195	905
Govt. financial taxes		-	8
Gifts & Donations		139	592
Depreciation expense		2,379	969
CDAA Liability Insurance		20,141	22,119
Members Manuals		802	928
Postage		136	621
Post Office Box Fees		424	759
Printing and Stationery		435	695
Penetration course disbursements		9,950	15,034
Site expenses		4,961	11
Repaid & maintenance		1,501	0
Tank Cave licence fee		8,250	8,250
Telephones		-	22
Web Site expenses		2,371	2,346
Workshops		-	463
OzTek expenses		1,737	-
Guidelines Production		15,433	11,660
Guidelines postage		2,175	1,501
Annual general meeting expenses		651	790
Other meeting expenses		563	1,479
<b>TOTAL EXPENSES</b>		<b>75,952</b>	<b>71,444</b>
<b>NET INCOME</b>		<b>34,342</b>	<b>27,600</b>

**ASSETS**

**Current Assets**

National Australia Bank cheque account	23,060	19,808
National Australia Bank Common Fund	240,819	208,819
Prepayments	4,070	-
CDAA Products stock	6,345	4,459
Instruction Materials stock	2,000	2,000
Members Manuals stock	4,500	5,000
<b>Total Current Assets</b>	<b>280,795</b>	<b>240,086</b>

**Non-Current Assets**

Property, Plant & Equipment	7,170	7,170
less accumulated depreciation	(7,170)	(7,170)
Office equipment	17,923	17,923
less accumulated depreciation	(16,667)	(15,174)
Site Development Cost	10,353	6,544
less accumulated depreciation	(886)	-
<b>Total Non-Current Assets</b>	<b>10,722</b>	<b>9,293</b>
<b>TOTAL ASSETS</b>	<b>291,517</b>	<b>249,379</b>

**LIABILITIES**

**Current Liabilities**

Memberships received one year in advance	28,520	27,140
Inactive Memberships received one year in advance	245	105
Overpayments	440	440
Trade and other payables	-	-
Penetration course deposits	1,500	-
Creditors and Accrued expenses	3,082	1,200
Tank Cave Fees Received in advance	1,500	3,750
<b>Total Current Liabilities</b>	<b>35,287</b>	<b>32,635</b>

**Non-Current Liabilities**

Inactive Memberships received two years in advance	35	-
Memberships received two years in advance	10,240	8,270
Memberships received three years in advance	5,870	3,290
Memberships received four years in advance	1,930	1,540
Memberships received five years in advance	520	560
Memberships received six years in advance	140	140
Memberships received seven years in advance	140	70
Memberships received eight years in advance	140	70
Memberships received nine years in advance	70	70
Memberships received ten years in advance	70	-
<b>Total Non-Current Liabilities</b>	<b>19,155</b>	<b>14,010</b>
<b>TOTAL LIABILITIES</b>	<b>54,442</b>	<b>46,645</b>
<b>NET ASSETS</b>	<b>237,075</b>	<b>202,734</b>

**EQUITY**

Members Equity as at 30/6/06	202,734	175,134
add: current year Net Income	34,342	27,600
<b>CDAA Member's Total Equity</b>	<b>237,075</b>	<b>202,734</b>



**NOTE 1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES**

This financial report is a special purpose financial report prepared in order to satisfy the financial reporting requirement of the Associations Incorporation Act of South Australia.

The committee has determined that the Association is not a reporting entity.

The financial report has been prepared in accordance with the requirements of the Associations Incorporation Act of South Australia and the following Australian Accounting Standards:

AASB 1031 Materiality

AASB 110 Events after the Balance Sheet Date

No other applicable Accounting Standards, Urgent Issues Group Interpretations or other authoritative pronouncements of the Australian Accounting Standards Board have been applied.

The financial report has been prepared on an accruals basis and is based on historic costs and does not take into account changing money values or, except where specifically stated, current valuations of non-current assets.

The following material accounting policies, which are consistent with the previous period unless otherwise stated, have been adopted in the preparation of this financial report.

**a. Fixed Assets**

Property, Plant & Equipment and Office Equipment are carried at cost less, where applicable, any accumulated depreciation.

The depreciable amount of all fixed assets are depreciated over the useful lives of the assets to the Association commencing from the time the asset is held ready for use.

2. Joining Rating Upgrade Fees	2007	2006
	\$	\$
Joining	1,680	2,460
Sinkhole	1,680	2,460
Cave	660	640
	<u>4,020</u>	<u>5,560</u>

**CAVE DIVERS ASSOCIATION OF AUSTRALIA INCORPORATED**

ABN 65 062 259 956

**TRADING ACCOUNT FOR YEAR ENDED JUNE 30 2007**

	2007	2006
	\$	\$
<b>SALES:</b>		
CDAA Products	10,712	5,437
Instruction Materials	6,655	9,740
<b>LESS COST OF SALES:</b>		
<b>OPENING STOCK:</b>		
CDAA Products	4,459	5,449
Instruction Materials	2,000	2,414
Members Manuals	5,000	5,614
<b>ADD PURCHASES:</b>		
CDAA Products	7,994	3,047
Instruction Materials	3,088	8,818
Members Manuals	302	314
<b>LESS CLOSING STOCK:</b>		
CDAA Products	6,345	4,459
Instruction Materials	2,000	2,000
Members Manuals	4,500	5,000
<b>TOTAL COST OF SALES:</b>		
CDAA Products	6,108	4,037
Instruction Materials	3,088	9,233
Members Manuals	802	928
<b>GROSS TRADING PROFIT (LOSS):</b>		
CDAA Products	4,605	1,399
Instruction Materials	3,567	507
Members Manuals	(802)	(928)
<b>LESS POSTAGE:</b>		
CDAA Products	556	0
Instruction Materials	509	174
<b>NET PROFIT (LOSS):</b>		
CDAA Products	4,048	1,399
Instruction Materials	3,058	333
Members Manuals	(802)	(928)



## CDAA PRODUCTS - NEWS

**T-Shirts. \$25.** The crew neck T-shirts are back in new colours with regular logo. These are now available in black, navy and steel grey in sizes S, M, L, XL and XXL.

**Ladies' Contrast Tee. \$25.** The ladies' Tee now comes in a stylish new design in white with marle grey sleeve in sizes 8, 10, 12 and 14.

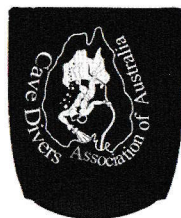


## STOCKING FILLERS...



### MASK SLAP STRAP - \$16

Are you sick of broken mask straps or the strap ripping your hair? Why not try a slap strap! These are fully embroidered and made of high quality neoprene and replace your current mask strap.



### STUBBY HOLDER - \$8

You can never have enough stubby holders! Features the CDAA logo and is made of high quality 5mm neoprene with a base.



### TRAVEL MUG - \$12

Great for that drink on the run! It's ideal for in the car on Gambier trips and between dives. It comes in white with black logo.



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To order this item or any others listed, please use the order form in Guidelines or order from the new online store via the web page.

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## 2008 COURSES

### DEEP CAVERN Courses

Jan. 7-20, 08 in Melb. & Mt Gambier (option A). Includes: 3hr pool session in Melb., 6 dives at Mt Gambier. Instructor: Terri Allen 0419 176633 E: [terri.allen@baker.edu.au](mailto:terri.allen@baker.edu.au)

January 26-28, 08. 4 day full time, entirely in Mt Gambier.  
Contact: Linda Claridge or Gary Barclay - 03 5565 8793 E: [garinda@tpgi.com.au](mailto:garinda@tpgi.com.au)

Jan 29th-10th Feb. in Melbourne and Mt Gambier.  
Instructors: Jane Bowman & Warrick McDonald - 03 9579 2600 - [info@abocean.com.au](mailto:info@abocean.com.au)

### Cave Courses

January 11 - 13, 2008 - 3 days full time in Mt Gambier.  
Instructor: Linda Claridge 03 5565 8793 E: [garinda@tpgi.com.au](mailto:garinda@tpgi.com.au)

February 18 - 24, 2008 in Melbourne and Mt Gambier  
Instructor: Terri Allen - 0419176633 E: [terri.allen@baker.edu.au](mailto:terri.allen@baker.edu.au)

Feb. 25th - March 2nd. in Melbourne and Mt Gambier.  
Instructors: Jane Bowman & Warrick McDonald - 03 9579 2600 - [info@abocean.com.au](mailto:info@abocean.com.au)

### CDAA Penetration Courses

January 18 - 27, 2008 in Mt Gambier (18th/19th/20th and again on the 26th/27th.)  
Penetration Co-ordinator: Jane Bowman 03 95792600 E: [info@abocean.com.au](mailto:info@abocean.com.au)

March 21 - 25, 2008 in Mt Gambier  
Full time program over 5 days (inclusive dates) run in Mt Gambier.  
Penetration Co-ordinator: Jane Bowman 03 95792600 E: [info@abocean.com.au](mailto:info@abocean.com.au)

Please download the latest application form off the webpage [www.cavedivers.com.au](http://www.cavedivers.com.au)

## TANK CAVE DATES... & A REMINDER...

A Tank Cave returning diver application form and the annual \$150 fee will be required before any bookings can be accepted.

January	5/6 19/20 26/27/28 (Australia Day)	April	21/22/23/24 (Easter) 29/30 19/20/21/22 (Extended w/end for non Vic/S.A. divers)
February	9/10 16/17 23/24	May	25/26/27 (Anzac Day) 3/4 10/11 24/25
March	8/9/10 (Vic Labour Day)		



## CDAA SITE ACCESS - [www.cavedivers.com.au](http://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
<b>MOUNT GAMBIER - SOUTH AUSTRALIA</b>			
<b>DEH SITES</b>			
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	<b>General Diving:</b> 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 CDAA diving endorsement for the site and carry current
Fossil	C	Mt Gambier 5290 Ph: (08) 8735 1177 Fax: (08) 8735 1135	financial CDAA membership card. The diver must have signed an indemnity with DEH before access is permitted. <b>Training:</b> 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. \$25/dive or annual Permit \$55. NOTE: Indemnity form to be completed with m'ship renewal & lasts same length as. M'ship. <b>NOTE: Divers should renew their Piccaninnie Ponds indemnities at least 2 weeks prior to their intended dive date.</b>
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 CDAA 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 bookings on CDAA website)
Stinging Nettle Cave	P	Open every weekend max 3 divers per day undertaking 1 dive per day (check bookings on CDAA website).
Iddlebidy	P	Open every Saturday max 4 divers, 1 dive only (check an update on CDAA website)

Owner: Contact Forestry SA by email: [forestrysa@forestrysa.sa.gov.au](mailto:forestrysa@forestrysa.sa.gov.au). Fax: (08) 8724 2885 or Phone: (08) 8724 2876 or book on-line via the CDAA website to arrange permit. Collect permits from the Forestry Office, Permit Box, 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. Please Display Permits in windscreen while diving.

Kilsby's	S	Ross Kilsby leased to CDAA	Access - Open Fortnightly. Refer to CDAA website. Must use Twin Tanks - Maximum depth according to training. Meet at gate of property at 8.55am or 12.55pm. Book on-line at <a href="http://www.cavedivers.com">www.cavedivers.com</a> or contact Craig at <a href="mailto:kilsby@cavedivers.com.au">kilsby@cavedivers.com.au</a> <b>No animals, visitors or mid-week diving allowed.</b>
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## CDAA SITE ACCESS

Please direct all access questions to: [site@cavedivers.com.au](mailto:site@cavedivers.com.au)

SITE	LEVEL	OWNER	ACCESS DETAILS
<b>MOUNT GAMBIER - SOUTH AUSTRALIA (continued)</b>			
<b>BARNOOLUT SITES</b>			
Ten Eighty	S	Scotts Agencies P/L	Access: Grant Sommer ph. 0412 266 826. Mail - 147 Kenihans Road, Happy Valley, SA 5159 Download indemnity and book online at <a href="http://www.cavedivers.com.au">www.cavedivers.com.au</a> . <b>CHECK WEBSITE FOR CURRENT DATES</b>
Blacks Hole	S	Scotts Agencies P/L	Site undergoing development...Watch this space for information!
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: <a href="mailto:shaft@cavedivers.com.au">shaft@cavedivers.com.au</a> (Linda Claridge, 0408 052 070)
Hann's cave	P	P & A Lasslett Manager: Mike Haze	Groups of four divers only apply by email to the 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.
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 advising which groups they are diving with. Diving should be avoided after heavy rain due to possible water contamination. <b>Diving hours are now restricted to 8am to 8pm CST.</b>
- West	P	Lessee Ph: (08) 8723 2299	
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 Email: <a href="mailto:site@cavedivers.com.au">site@cavedivers.com.au</a> .
Tank Cave	P	Mr. DYCE	Access Manager: Noel Dillon. Email: <a href="mailto:noel.dillon@macquarie.com">noel.dillon@macquarie.com</a>
Baker's Cave	C	Manager: Brad Dibble E: <a href="mailto:site@cavedivers.com.au">site@cavedivers.com.au</a>	Please email the Site Access Director to dive in Baker's Cave. Climbing equipment required. Only open October to April.
<b>NULLARBOR - WESTERN AUSTRALIA</b>			
Cocklebidy	C/P		Apply in writing for permission to dive at least 4 weeks in advance of trip to: District Manager, Department of Environment and Conservation (DEC), PO Box 234, Esperance, W.A. 6450. Phone: (08) 9083 2100 Fax: (08) 9071 3657.
Murra El Elevyn	C/P		
Tommy Grahams	C		
Weebubbie	S/C	DPI	The Department for Planning and Infrastructure, Midland, State Land Services South East. PO Box 1575, Midland 6936. Contact Kim Allison, Email: <a href="mailto:kim.allison@dpi.wa.gov.au">kim.allison@dpi.wa.gov.au</a> Phone (08) 9347 5047 Fax (08) 9347 5004
N.S.W. - Limekiln (McCavity)	C/P	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 <sub>2</sub> levels during Summer/Autumn. Access is co-ordinated with the Wellington Caves management by Greg Ryan - <a href="mailto:greg@cs.usyd.edu.au">greg@cs.usyd.edu.au</a> . Phone (02)97434157	
Burrinjuck	S/C/P		This is a tri rated site. Please see details in issue No. 73. There are no specific access arrangements.
N.T. Rum Jungle Lake	S		Unrestricted access currently exists - Check CDAA website.



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### DVD's

## VIDEOS

## CLOTHING

Expiry Date: \_\_\_\_\_ Signature: \_\_\_\_\_ Ph: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_



## CDAА INSTRUCTORS

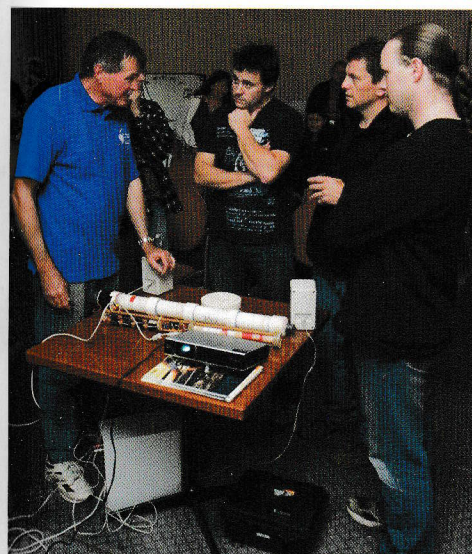
NAME	Deep Cavern	Cave	Penetr	NAME	Deep Cavern	Cave	Penetr
<b>A.C.T.</b>				<b>VICTORIA. cont.</b>			
APPS, Heike (CDAА 2776) BH 02 6249 9170 AH 02 6291 0566 E: heike.apps@ga.gov.au	Yes	Yes	Yes	CLARIDGE, Linda (CDAА 2214) Mobile 0408 052 070 E: garinda@tpgi.com.au AH (03) 5565 8793	Yes	Yes	Yes
<b>N.S.W.</b>				DALLA-ZUANNA, John (CDAА 236) Penetration instructor Phone: 0407 887 060 Email: jdz@paintandcustom.com.au	Yes	Yes	Yes
FEATONBY, Tim (CDAА 3372) Mob: 0402 129 253 E: tim.featonby@defence.gov.au	Yes			HARDMAN, Lorraine (CDAА 2824) CURRENTLY INACTIVE Mob: 0418 304 120 E: PALdiving@people.net.au	Yes		
GRILLS, Peter (CDAА 1780) AH 02 4955 4497 Mobile 0419 820 920 E: peter_grills@hotmail.com	Yes	Yes	Yes	HEARD, Barrie (CDAА 262) Phone: 0419401276 Email: iantd@dcsl.net.au	Yes	Yes	Yes
WALTERS, DESMOND BH 02 6041 1405 AH 02 6025 3506 dive@descend.com.au	Yes	Yes		HIGGINS, Andrew (CDAА 3329) Mobile: 0413 569164 E: ahiggins@optusnet.com.au	Yes	Yes	
<b>SOUTH AUSTRALIA</b>				LESLIE, Paul (CDAА 3184) Phone: (03) 98979 2868 Email: info@diverinstructionservices.com.au	Yes		
MARRIOTT, Max (CDAА 1268) Mob: 0428 897 897 E: dive69@chariot.com.au	Yes	Yes	Yes	McDONALD, Warrick (CDAА 1882) BH: (03) 5979 2600 E: info@aboccean.com.au Mobile 0408 374 112 www.aboccean.com.au	Yes	Yes	Yes
SELBACH, Steve (CDAА 3495) Phone: 0413 134 827 Email: steve.selbach@mac.com	Yes			MONACO, Rubens (CDAА 1731) BH 03 5984-1799 E: info@idcscuba.com.au Mobile: 0413-429-533	Yes	Yes	
<b>VICTORIA</b>				TAYLOR, Ian (CDAА 3568) Phone: 0411 118 134 E: ian.taylor4@defence.gov.au	Yes	Yes	
ALLEN, Terri (CDAА 3483) Mob: 0419 176 633 E: terri.allen@baker.edu.au	Yes	Yes		WALTERS, Des (CDAА 687) Location: Albury Phone: (02) 6041 1405 Email: dive@descend.com.au www.descend.com.au	Yes	Yes	
AXTON, Paul (CDAА 2826) Phone: 0419 346 442 E: PALdiving@people.net.au	Yes	Yes	Yes	WEALTHY, Bob (CDAА 464) Mob: 0417 524 005 Email: somerset@iimetro.com.au	Yes	Yes	
BARCLAY, Gary (CDAА 1735) AH (03) 5565 8793 E: garinda@tpgi.com.au	Yes	Yes	Yes				
BOWMAN, Jane (CDAА 1880) BH: (03) 5979 2600 E: info@aboccean.com.au www.aboccean.com.au	Yes	Yes					

## MEMBERS SYMPOSIUM

Photos by David Scarlett

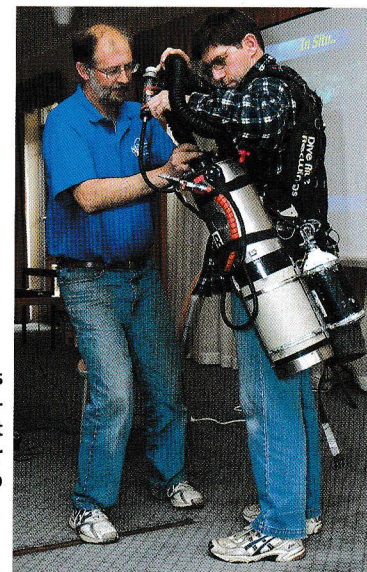


Ken Smith and Bill Rouse tug-of-war.



JDZ shows the side-mount rebreather set up

Ken Smith and his pingers



Tania Yarrah talking on Toad Hall.

Steve Trewavas on how to plan dives on scooters.





# Heaven is a Place on Earth

Agnes Milowka

*I thought writing this article would be dead easy as I'd just re-use the emails I sent from abroad, stitch them together and voila – I'd have a ready-made article. I arrived home and figured that perhaps this might not be the brightest of ideas. My emails sound like I'm on some serious drugs... or perhaps I should be on even stronger medication. So I'll make an attempt to restrain my enthusiasm just a tad here... but just quickly - the Florida caves are bloody awesome!!!*

Florida really is heaven on earth... or rather is about as close to heaven as a cave diver can get without abstaining from drinking and spending their entire life helping little old ladies across the road. It is home to some very pretty caves, with beautiful clear tunnels that allow for wonderfully long penetrations and very long dives. It seems that any old cave in Florida resembles a map of our very own Tank cave, with tunnels that just go and go forever... it is hard not to be impressed.

Summer is usually not the time to hit the caves in Florida as the sweltering heat equals much pain, sweat and suffering whilst gearing up. On the upside many of the caves are virtually deserted which means you can have a whole cave system to yourself. Mind you this type of peace and serenity does not apply to weekends. The hot weekends mean that every man and his dog along with a li-lo and perhaps a beer seem to seek out a watering hole. Thus popular caves become popular swimming holes which means divers have to dodge much traffic and many flinging legs to get to the cave entrance... I'm thinking here of Ginnie in particular. Having said that, swimmers can be a source of much amusement on long deco hangs.

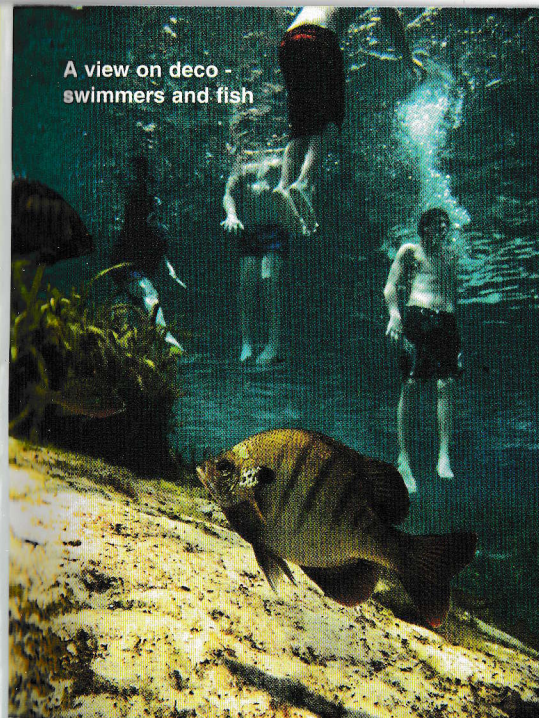
Still, you can't go to Florida and not visit the infamous

Ginnie Springs. The place is definitely impressive, not just because of its infinite visibility but also because of the sheer size of the tunnels – you can easily drive a bus through some of them! Further, Ginnie is famous for its flow... if you decide to do your deco in the Ear, be prepared to hang on to the log for dear life. To get into Ginnie without blowing



Flounder in Ginnie Springs

A view on deco - swimmers and fish



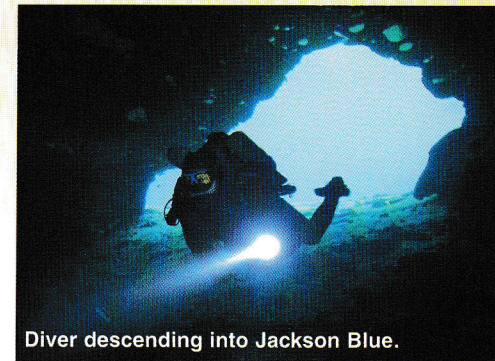
all their gas divers tend to clamber Spiderman style along the ceiling and across the walls. Do as the locals do!

The gold line is great, but so is the flow, so it is not ideal to stay on the main line. Swimming against the current for over 2000 feet is, from personal experience, rather tiresome. The smart thing is to do a jump at the 'park-bench' (don't worry you can't miss it, this is about the time you feel like resting and catching your breath... and conveniently it looks just like its name sake) and head towards the Hiller Tunnel where you will be safely away from the roaring flow. On your way you will find the infamous bats which are very amusing, and also if you look really carefully a bunch of small fossils in the walls and on the floor of the cave. Another nice place to visit is the white room – welcome to the disco! As long as your torch is pointing at the roof and illuminating the hundreds of air pockets you and your buddy can have a little dance.

Another cave with a great deal of flow is Little River and again most people jump off the main line and head through the Mud Tunnel in order to get into the guts of the cave. The recent droughts have reduced the flow, which made my dive here a pleasant dip as opposed to a marathon swim. While spectacular, the cave is a bit spooky with a lot of high vertical fissures and reminded me of a dungeon with so many tunnels all merging into one another. The low

flow made the numerous finger marks on the walls seem very out of place and made it seem like something horrific had happened in the tunnels rather than divers simply using the walls to pull themselves against the flow.

Now Peacock is their so called 'training site' but don't be discouraged by this, as it is a very, very distant cousin of Gouldens. Those two are about as related as a centipede is to a unicorn. The Grand Traverse is particularly fun, you descend into Orange Grove and follow a crystal clear tunnel for over 4600 feet before finally exiting in Peacock I. Along the way are various small sinks or 'emergency exits,'



Diver descending into Jackson Blue.

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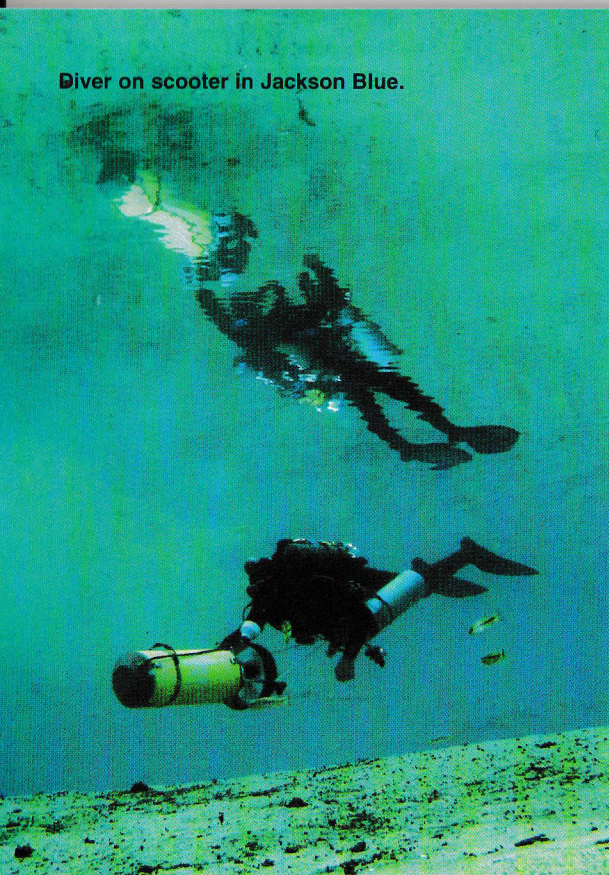
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Diver on scooter in Jackson Blue.



famous Rocky Horror and big drop off and instead I found myself jumping off to the Roto-rooter tunnel. This mind you was not the end of the world as taking this jump and following even this small tunnel was still rather extraordinary. But the moral of that story is, if you don't care much where you want to go then it doesn't really matter, but if you're keen to head somewhere in particular... invest in a half decent map!

Cow is a truly wonderful cave and is my personal favourite, if for no other reason that it reminded me of home... you could actually get to the end of the line in this one! Actually Cow is my favourite for a number of reasons, its smaller tunnels and various restrictions are challenging but most importantly it is incredibly beautiful. Some parts of it reminded me of Iddlebidy back home, as it has some beautiful multi-coloured stratified clay banks. To top it off a turtle was visiting the cavern, which made for a perfect distraction during the long deco hang.

At the back of Cow I had my not so smart moment. At the end of the line is a plastic moo cow and for a few seconds I thought to myself, what the hell is a cow doing all the way back here? Then it hit me, like a freight train... duh!

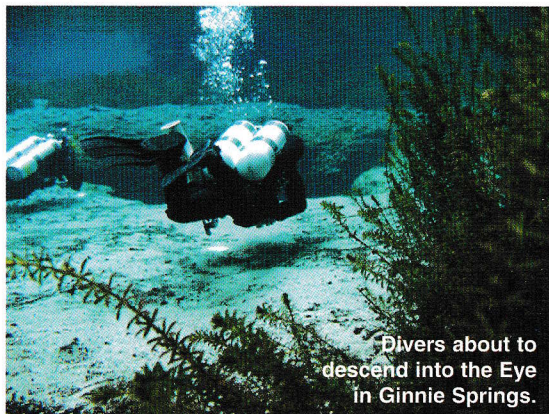
So far I talked about the caves in the Suwannee River Basin, where I was staying at a house in Ft White ([www.fladivehouse.com](http://www.fladivehouse.com)) and which I would highly recommend as base

which allow you to recalculate your thirds as you go... or if you're like me and have a small bladder, let you jump out for a quick toilet stop. Now, if you left your car at Orange Grove and did the grand tour, guess what, it's a long walk back. Unless of course you can hitch a ride with a bunch of friendly Floridians on the back of a tray - many thanks to the boys!

The grand tour allows you to see some of the best parts of the Peacock system but don't ignore Peacock III. This cave is a bit tighter and a lot more silty than its counterparts, with that thick dark mud that you'd see in Stinging Nettle or Fossils back home, but it's definitely worth a look.

Further up the road is Madison Blue and it is an amazing cave that goes through more 'costume' changes than Whoopi Goldberg hosting the Oscars. Every bit of this cave is different and around each corner is a little surprise; really the place just gets more and more stunning. The biggest surprise for me was that the gold line does not in fact lead all the way through to the

camp, especially if you're diving with a large group. A bit of a drive from these caves and part of the Woodville Karst Plain are Jackson Blue and Hole in the Wall. WKP might sound familiar as it's the home of the famous Walkulla Springs. While Walkulla is off limits to divers, Hole in the Wall is not a bad con-



Divers about to descend into the Eye in Ginnie Springs.



Cow Springs

solation prize. It is a great dive and offers the added attraction of a boat ride through the rather stunning Merriitts Mill Pond area. The best part, you get to drive the boat yourself! Jackson Blue is also a beautiful, big and extensive cave and it is certainly worth the drive to this part of the State to dive these two caves.

Apart from the great diving one of my favourite things about the Floridian cave diving scene are the fill stations. Not only do they stock 32% as a standard gas of choice, not only do they charge by the



Diver on deco in Madison Blue.

litre rather than by the tank, but you can drive your car up to the filling station, chuck a whip on your tanks and get a fill without dragging the damn gear out or stripping it all off. To top it all off, the gas goes on the tab if you're a regular! Like I said, heaven... One thing's for sure, Mud Hole is definitely off my list of favourite cave sites and the crystal clear, beautiful and seemingly endless tunnels of Florida are definitely on!

I'd like to extend a huge thank you to Lamar Hires and the wonderful bunch at Dive Rite who were all incredibly generous, helpful and truly wonderful. A big thank you also to Scott and Kathleen Byars who took me under their wings and made sure I got wet and to Lamar English who kindly let me use some of his dive gear. It was these guys who made much of my trip possible and I am most grateful.

And of course, hats off to my fabulous dive buddies who led the way, or led me astray as the case may be - Scott, Kathleen, Kevin, Lee-Ann, Lamar and Mike!



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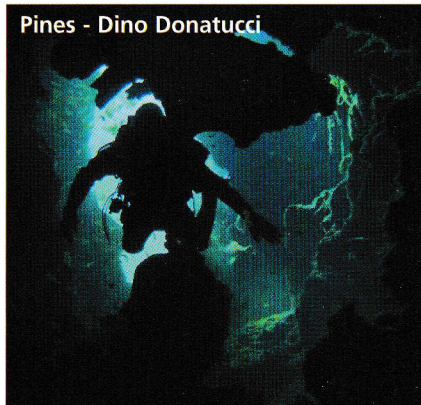
a taste of the country



# ~ GUIDELINES GALLERY ~



Kilsby's - Dino Donatucci



Pines - Dino Donatucci

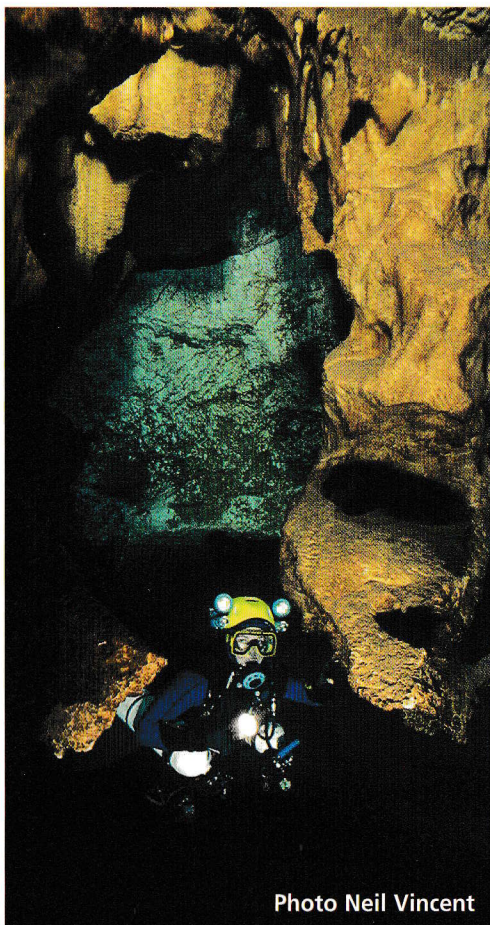


Photo Neil Vincent



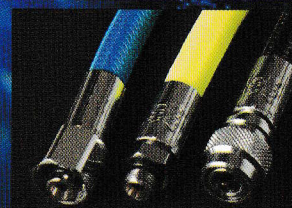
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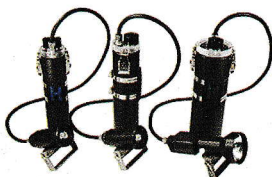


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