

# FATHOMS

December - January 2003

\$5

If undelivered,  
return to VSAG,  
Box 2526W GPO,  
Melb Vic 3001

Photo courtesy of Mary Malloy - Bruce Darr & Steve Jacoby descend on Castle Rock Dec 2002



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Victorian Sub-Aqua Group



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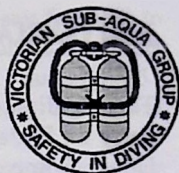
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*Committee meets the Second  
 Thursday in the Month at the Leighoak Hotel (8PM)*

# FATHOMS

Official Journal of the Victorian Sub-Aqua Group

*In this December / January issue...*



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## VSAG General Meetings

Bell's Hotel  
157 Moray Street (cnr Coventry Street)  
South Melbourne, 8.00 pm  
The 3<sup>rd</sup> Thursday in the month

## Editorial Submissions to:

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**EDITORIAL.****- JOHN LAWLER.**

The highlight of the VSAG social calendar was surely the Christmas party on Friday 6<sup>th</sup> December at the fabulous Milanos Brighton Beach Hotel. Some members and families took advantage of the splendid Savoy Motel nearby and booked in for the night, whilst others came in chauffeur driven style. Some 50 plus VSAG'ers enjoyed top fare "a la carte" from a great menu arranged by our host, VSAG member and hotel manager Peter Jones. The food was just great, the service excellent and the wines, well...need we say more. Thanks to Peter and his team for looking after us and for going out of their way to make our night the great success it was. Good news is that Milanos is now booked again for Christmas 2003.

A special performance on the dance floor was given by two extraordinary superb dancers as we watched Martin and Josie Talliana enthral all in the room with their dance routine. This unexpected contribution to the night was a great thrill, thanks to both Marty and Josie.

Boat licencing is now another part of our diving life and for those who are not boat owners and who have become boat licence holders, the boat owners extend a "thank you". These people will play a very big role in our boating and diving by being licenced to control a boat when the owner is doing a dive. It is not too late for people who are VSAG'ers to sit for their licence and put something back into the club's boat owners contribution to your diving!

On a concerning note, your editor has been grounded since a dive on November 24<sup>th</sup> where I experienced Pulmonary Edema. The team at the Alfred Hyperbaric Unit have run tests and whilst no unusual conditions were detected, high blood pressure was a concern. I have been placed in the care of a cardiologist, Dr Peter Bergin, who will be conducting more tests late in January 03. Until the results of the tests are finalised I can only "watch from the sidelines", however my boat will be available for local diving and when my role as Dive Captain comes around I will still fill the role.



It is with very much regret that I advise that we are to say farewell to another great VSAG member who is to relocate to sunny Brisbane. Steve Jacoby and his family leave Melbourne on January 15<sup>th</sup> 2003. Steve is to take up a new role with the Department of Natural Resources and Mines, as their Chief Information Officer.

Steve has been the person behind the Fathoms magazine, and apart from the editorial, print and mail out, has been responsible for the excellent new style and format we have seen over the past year. On behalf of the committee and the members, thank you Steve for your valued contribution to the Fathoms magazine and to the club in general..we wish you and your family all the very best in your new life.

Steve has promised he will return for the VSAG's 50<sup>th</sup> Birthday party in 2004, if not before.

Alan Storen will take over Steve's role and the December/January edition of Fathoms will be Alan's first edition and we wish Alan all the best in his new role.

Looking forward to seeing you all on and, hopefully for me, under the water.

Safe and happy diving.

John. Lawler.

EDITOR.



Verco's Nudibranch

## DIVE REPORT - 29<sup>th</sup> December.

BY JOHN LAWLER.

*With many of the VSAG'ers away on Christmas vacation, the dive for Sunday 29<sup>th</sup> December was down to the boats of Neville Viapre's and mine, and eight divers. Neville had Paul and Tony Tipping and Darren Pearce on board and my boat had Bruce Dart, Steve Jacoby, Don Abell and Terry Brooks on board.*

*(Two boats had decided to pass up the official dive on Sunday and chose the Saturday as this seemed to be the better of the two days for their diving, and in doing so resulted in some divers missing out on the Sunday dive due to lack of boats and spaces. Sorry to those who missed this dive due to this.)*

*It was suggested that all on board get into their wet suites as the trip out would be a bit on the wet side. This was over and done with by all very quickly however Brooksie was very much on the slow side..was it the glove down the inside bottom of one leg holding up the task, had the gear shrunk, had he put on weight...nah none of this...he had simply put the wet suit on back to front! (sorry Terry, traditionally the send up must stand, and Don would have noted if it didn't get mentioned!)*

*Eight divers headed out for the rip in a strong Northerly where we were to meet up with Alan and Mary Beckhurst just west of Lonsdale. On arrival, greetings and general chatter with the Freediver crew were exchanged and our dive plan put into place.*

*Bruce Dart and Steve Jacoby opted for the first plunge and we decided on a location near to where Freediver was anchored. We have had excellent dive reports from this area in the past and it was therefore locked into my GPS. Around forty five minutes later two very happy divers climbed back onto the boat with stories of vis around 20 mtrs and excellent, exciting territory and with good fish life...no bugs however.*

*Don and Terry were next to dive, and as these two divers had not dived for quite some time a briefing to both on how to set up the dive gear was undertaken( only joking guys). Both divers were put into an area quite close to the GPS mark but a bit further south. The divers surfaced also around forty five minutes later and it was good to note the contents of the catch bag...some one was going to enjoy a nice meal that night. Don advised however that despite some good ledges the territory was flat not that impressive and quite different from the previous divers territory...none the less they enjoyed getting wet and in good vis.*

*Neville and his crew were diving well South of our mark, and Darren came into an area with a lot of crays one big, but the dive was terminated before he could get it bagged. It will be there for you next time Darren, and it will be bigger!*

*The Northerly was still persisting and despite being in the South lee of Lonsdale it was still quite lumpy. As we had to get Terry back to Portsea by 1pm we all agreed to have lunch in the little bay area. We anchored in the bay and had Neville and his crew anchored and within talking range so naturally the banter was full on, particularly as the two Tipping brothers were on board, somewhat of a rare experience to see these two guys on the same dive and on the same boat. just great.*

*We decided on an early finish and headed back to Sorrento. As always thanks to the divers and the boaties for a top days fun and diving.*

*PS. This was to be Steve Jacoby's last dive with VSAG as he heads off to Brisbane on 15<sup>th</sup> Jan.03. So pleased it was one of the better dives for you to remember Steve. Good luck.*

*John Lawler.  
Dive Captain.*

**A VERY SPECIAL PRESENTATION**

**BY**



**THE VICTORIA POLICE**  
**AIR WING**

Members of the Police Air Wing will be joining us at  
the general meeting on  
**February 20<sup>th</sup>**

This is one presentation you will not want to miss.  
Lock this date into your diary now.

**THIS MEETING MUST START AT 8PM SHARP.**

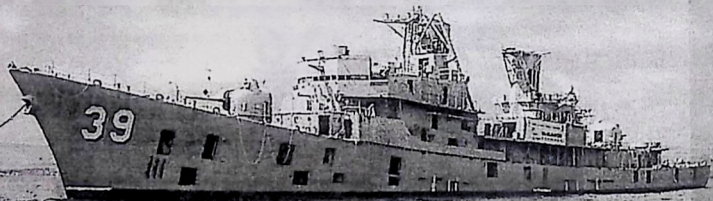


**Western Blue  
Devilfish**



# HOBART SCUTTLED

The former HMAS Hobart ready to go!



**J**UST 24 hours after it was sunk off the South Australian coast this month to form an artificial reef, the former HMAS Hobart welcomed its first divers on board.

Police clearance divers were first on the scene to make sure the 133m-long destroyer had arrived at its correct destination following its scuttling.

Even at its resting place 30m below the surface off Yankalilla Bay, 30km south of Adelaide, the ship lives up to its nickname of the Green Ghost.

Divers described an eerie feeling as they swam through the murky waters to the ship which now offers a maze of exploration, a diver's paradise.

For dive master Geoff Paynter, the Hobart is equal to anything he has seen. He has dived on its sister ships, the Swan and Perth, on hundreds of occasions but said the Hobart was special.

"The fact the engine room is available, not sealed off like the others, sets it apart," he said.

"It's one of the most spectacular parts of the dive. It's a world-class diving attraction, there's no doubt about it."

Crews also spent the day setting up 10 mooring buoys, with dive operators ready to begin charters to the site once the green light is given.

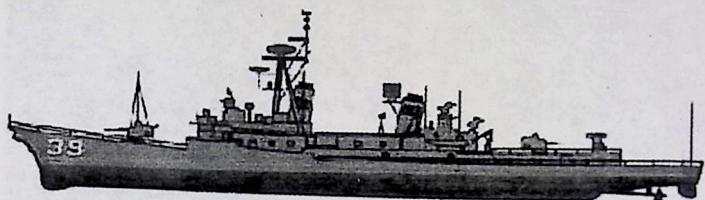
Police have also set up a 1km fishing exclusion zone.

The site is expected to attract about 16,000 divers by its third year of operation, and generate an additional \$10 million in business for the Fleurieu Peninsula.

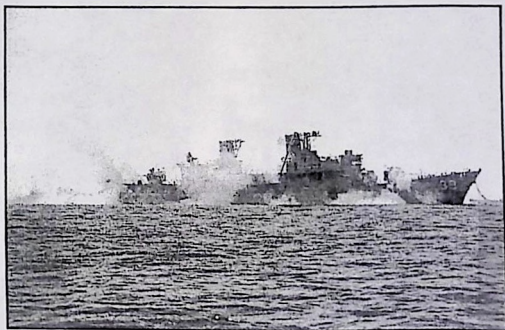
The Hobart gave 35 years of naval service and was regarded as one of the last true destroyers.

The last of four vessels to bear the name Hobart, it was decommissioned in May 2000.

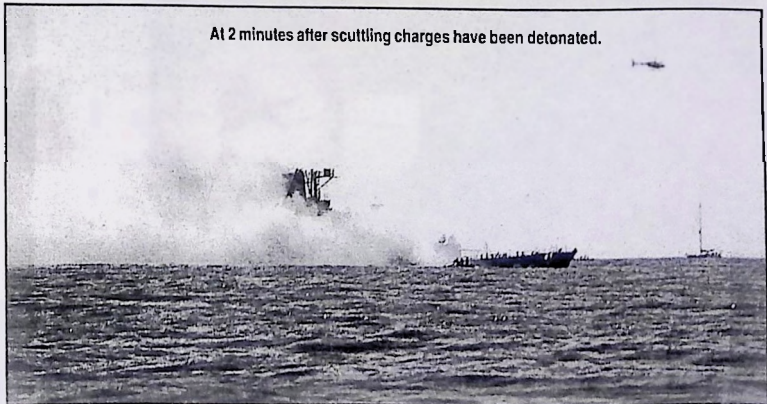
RACHEL HANCOCK



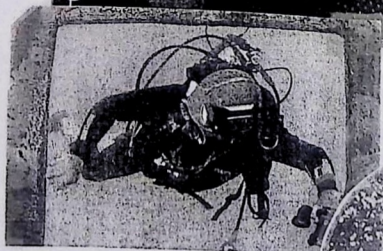
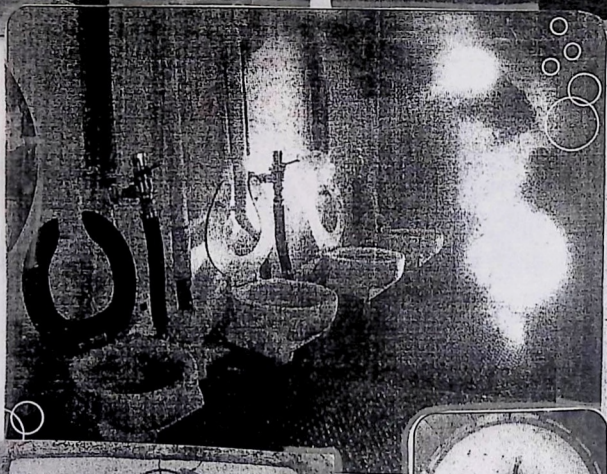
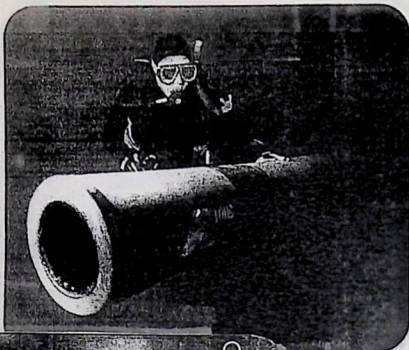
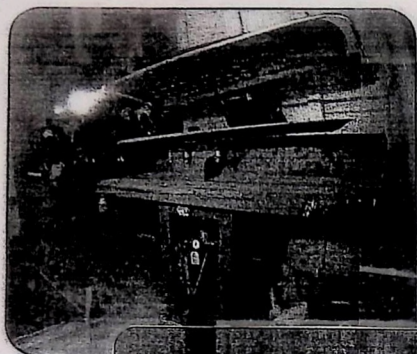
Below: Scuttling charges are detonated.



At 2 minutes after scuttling charges have been detonated.







**LEFT** Not all of the Hobart is open to divers.

EX-HMAS HOBART



**GREEN GHOST**



## Atheist encounter

*An atheist was scuba-diving. "What majestic marine life! What beautiful coral and sponges! What fantastic fish!" he said to himself.*

*As he was diving through a wreck he saw a shadow in the distance. He turned to look. He saw a 6 metre white pointer swimming towards him.*

*He finned as fast as he could up towards the surface. He looked over his shoulder and saw that the shark was closing in on him. He finned faster and dropped his weightbelt. He looked over his shoulder again, and the shark was even closer. His heart was pumping frantically and he tried to fin even faster. He got to the anchorline but his gear got caught on the float. He rolled over to free himself up but saw the shark right on top of him, lunging at him with his jaws open and about to strike him.*

*At that instant the Atheist cried out: "Oh my God!....." Time stopped. The shark froze. The waves went flat and silent.*

*As a bright light shone upon the man, a voice came out of the sky: "You deny my existence for all of these years, tell others I don't exist, and even credit creation to a cosmic accident. Do you expect me to help you out of this predicament? Am I to now count you as a believer?"*

*The atheist looked directly into the light, "It would be hypocritical of me to suddenly ask you to treat me as a Christian now, but perhaps could you make the SHARK a Christian?"*

*"Very well," said the voice.*

*The light went out and the waves and sounds resumed.*

*Then the shark closed his jaws, brought both dorsal fins together, bowed his head and spoke:*

*"Lord, Bless this food which I am about to receive..."*

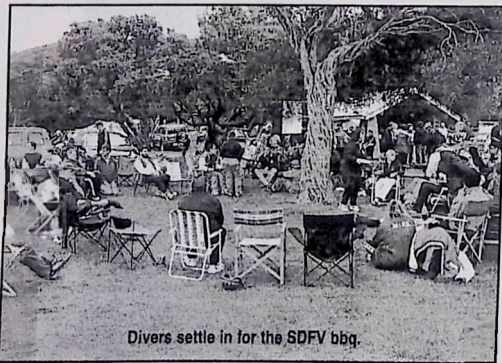


# Prom 2002

By Alan Beckhurst and Mary Malloy

It's human nature to become complacent. The last couple of years we have enjoyed near perfect weather for our annual divefest at Wilson's Prom, but no this year. As usual hundreds of divers and dozens of boats arrived for four days of fantastic diving as socialising.

A stiff easterly on Saturday had chopped up the sea. But the smarter crews from RMIT and Black Rock clubs thought it was worth a try. Shambles and some Haines' headed out to the Glennies and Norman Islands to be rewarded by protected water on the lee sides. Viz was excellent and these groups enjoyed the steep granite slopes, caves, seals and fish life for which the Prom is renowned, lucky buggers. The rest of us had opted to wait for smoother seas.



Divers settle in for the SDFV bbq.

Black Rock club hosted this year's SDFV bbq and handled the hoards of hungry divers with aplomb. After a couple of hours the hundreds of snags, burgers and buckets of salads had been consumed and it was time to draw the raffle. Gary Weston from Black Rock club took out the first prize, a slab in a catch bag. Graeme Yeldon from LVSC chose the slab for second and Jonathan Tandy from

Black Rock club scored a bottle of Black Rock port for third prize. (Has anyone noticed a theme here?)

John Hawkins gave a brief rundown of the activities of the Scuba Divers Federation of Victoria over the past year including some major contributions to the formation of new fisheries' policies. Each of the clubs posed for group photos with Latrobe Valley SC again dwarfing the others. We noticed a young lady with checked shirt getting into most groups. When asked who she was she simply replied "I'm Wally". The annual bbq has become the highlight of these weekends with many divers coming primarily to catch up with old mates.

The calm night ended with a gust of wind at sunrise that just kept blowing. For the next three days the sea was a washing machine and those who dived on Saturday kept reminding those who didn't just how good it was. On

Sunday night Mary and I presented a slide and video show on behalf of the SDFV to show the general public what the attraction of diving this area is. Parks Victoria theatre packed out and many more people were disappointed at being unable to get in. We

apologise to everybody who missed out but we had limited space and only one session booked. It was great to see the level of interest in our show.



Gary Weston shows off first prize in the raffle, a slab in a catch bag.

Most of us persevered with the wind and rain for the four days but didn't get a dive. Despite the disappointing weather I know most divers will return next cup weekend a little wiser about making use of slightly less than ideal conditions. Diving at the Prom is a rare privilege and any opportunity should not be missed.

Clubs participating this year were:

API scuba club, Black Rock Underwater Dive Group, Latrobe Valley Scuba Club,

Valley Diver, RMIT, Victorian Sub Aqua Group, Bairnsdale dive club, Marlin dive club, VUT dive club and Dan from Monash Uni dive club.



RMIT divers boarding Shambles for the trip to the Glennies.



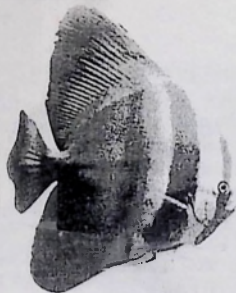
# Underwater talk?

## Sounds fishy

**Amanda Hodge**  
• Environment writer

**'Fish have an evening and a dawn chorus, and they're calling for a mate'**

**Mark Meekan**  
Australian Institute of Marine Science researcher



BIRDS do it, as do the more energetic among humans. But new research has revealed that the dawn chorus is also popular among fish who have the benefit of Earth's most effective acoustic theatre.

Australian Institute of Marine Science researcher Mark Meekan has found that rather like many human families, fish actually speak to each other in a series of grunts, squeaks and whistles.

Dr Meekan, in collaboration with the University of Kentucky and York University in Britain, has recorded a cacophony of sounds that reach a crescendo "equivalent to the roar of thousands of individual voices in a football stadium" at dawn and dusk.

"A lot like birds, fish have an evening and a dawn chorus, and they're calling to advertise territories and call for a mate," Dr Meekan said.

Sound travelled so efficiently underwater that some fish-talk could be heard up to 15km away.

But the research also points to the fact that adult fish use those noises to call their offspring home. Fish larvae hatched on reefs are swept immediately out to sea and away from the myriad of predators.

"We know that by the time they hatch, the embryos are sensitive to noises made on the reef by fishes and other organisms. The next question is if the larvae are imprinting their parents' fish-talk in the egg and responding to it when they hatch."

Using electrodes capable of picking up electronic signals when placed near the brain-stem, Dr Meekan has found fish larvae do hear fish noises played to them and respond with a quickened heartbeat.

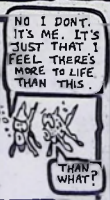
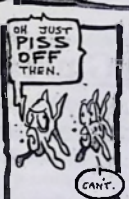
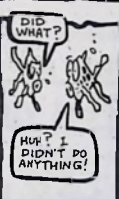
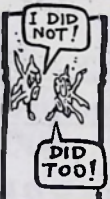
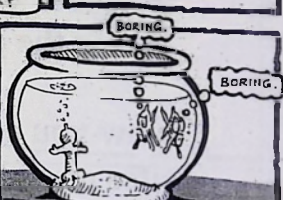
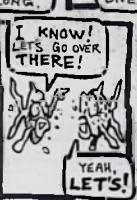
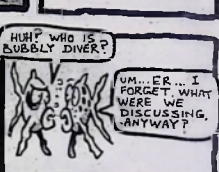
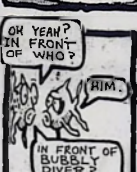
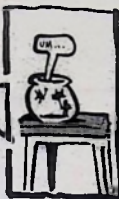
He believes the fish's response to the reef noise explains how larvae swept out to the open seas manage to find their way back, and says the new research could improve the management of fish resources.

"If larvae are using those sounds to navigate, and we can work out sounds that are attractive to each species, then we can use that to create marine reserves where we attract babies of one species and in five years build a good population there," he said.

But the research raises questions about how to manage background noise levels in the ocean and around reefs that are 10 times greater than they were 30 years ago.

# UPSIDE DOWN GROUNDHOG BOWL

46



**THE "J CLASS"**  
**SUBMARINES OF MELBOURNE.**

Most VSAG divers have enjoyed diving the great "J" class submarines.

Now you can witness these great dive sites on video.

**VSAG presents a very special night as we enjoy a great video presentation by**

**MARK HARRIS.**

Mark is an exceptionally talented and professional photographer, and his videos of the submarines are exceptional. This presentation is a "must see"

**GENERAL MEETING**

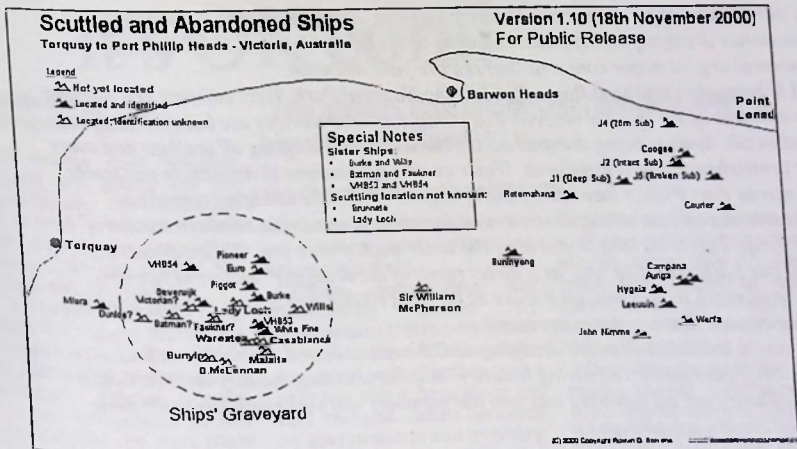
**MARCH 20<sup>TH</sup>.**



## Scuttled and Abandoned Ships

Torquay to Port Phillip Heads - Victoria, Australia

Version 1.10 (18th November 2000)  
For Public Release

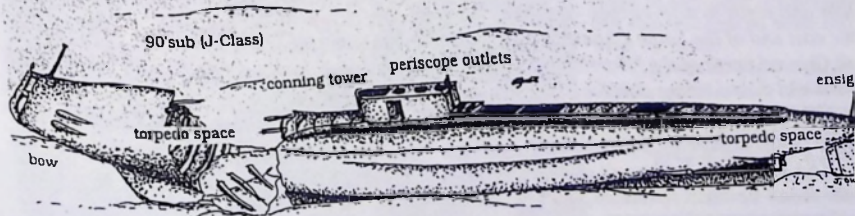


# SHALLOW OR 90 FOOT SUBMARINE

Dive standard: Intermediate - Experienced

### Dive Conditions

The *Shallow Submarine* is an excellent dive for advanced open water divers. However there can be a strong surge in the main body of the submarine which can throw divers against the submarine's walls and hatches with great force. Sand silting can also be a problem. As this is a penetration dive, divers should be experienced and appropriately qualified.



## VCA maintenance DREDGING in the Bay

- an update from Des Williams

Geoff Sparkes wrote to VCA ATTENTION GEOFF NICHOLLS

*I am writing on behalf of the Dive Industry Victoria Association Inc regarding the maintenance dredging taking place currently in the South Channel. The Dive Industry has several urgent major concerns that require your attention:*

*Spoil is being dumped near Popes Eye Marine National Park. Tidal currents are carrying huge amounts of silt into the reserve. Sea plants and invertebrates are being choked and buried in silt. Spoil is being dumped across the scallop beds killing all scallops and every other invertebrate over a huge area. Water quality generally and visibility in particular right across Port Phillip Bay has seriously degenerated since dredging commenced.*

*Our businesses rely on taking divers to and escorting divers in the southern section of Port Phillip. This is no longer viable as the water quality is so low. We are cancelling trips at our busiest time of year as a direct result of the dredging. The loss of business could be as much as \$15 million dollars as the Port Phillip Bay is now virtually unusable and may remain that way for many months.*

*I want you to immediately cease dredging until the silt and spoil problems can be satisfactorily addressed. The diving Industry, dolphin watching industry and recreational fishing industry are all suffering loss and our members will seek compensation if these urgent issues are not addressed.*

*A prompt response is essential*

*Yours sincerely,*

*Geoffrey Sparkes, President Dive Industry Victoria Association Inc*

Des here again:....

Capt Tim Muir (VCA) rang me to inform the SDFV Clubs of the current situation, and this is what he had to say.....

*"The VCA are currently conducting urgent dredging works in both Melb-Geelong channels. It has been years since work was carried out and is now urgent. The dredging in the west end of the South Channel is taking up mostly coarse but with some fine sand content and is being dumped in the Symonds Channel designated Spoil Ground, which is NE of Pope's Eye. The fine sand hits the bottom quickly and some of the coarse sand is lighter and tends to drift further - thus the cloudyness in the water. They are also working in the east end of the South Channel, near Capel Sands and taking this spoil to the old Spoil Ground north of the "Hurricane" wreck. This spoil is fine sand with some clay content and thus causing cloudyness in the water. Since the contact from Geoff Sparkes, VCA will try working elsewhere on the weekends, when most of the commercial diving is done, to cause as little inconvenience as possible. VCA have a meeting set up next week with DIVA to discuss further. At any rate, all dredging works will be finished by 15/01/03 and the South Channel should be finished in about 10 days, viz: 28/12/02."*

So, there you have it. SDFV are being kept in the loop and I hope you will all appreciate Tim Muir's contact with us.

Jingle bells to you all,

DES WILLIAMS

# Down on the farm, it's OK coral

**Amanda Hodge**  
• Environment writer

THE debate over whether farmers are killing off the Great Barrier Reef, and even if it is really in decline, could soon be settled by a modelling system that can predict the human toll on corals.

The breakthrough by Australian Institute of Marine Science lead scientist Eric Wolanski, published in this week's *American Science* journal, coincides with claims in *New Scientist* that the reef's plight is being exaggerated.

*New Scientist* quotes a "small but increasingly vocal group of reef experts" who say campaigners are putting scientific credibility at risk for

## 'You always find major degradation after a big storm or floods'

**Eric Wolanski**  
Australian Institute of Marine Science lead scientist

the sake of prompting political action and attracting research dollars.

Those accusations are strenuously denied by Queensland University's Centre for Marine Studies director Ove Hoegh-Guldberg, who says it is still a struggle to get reef research taken seriously by governments and industry.

The story seizes on last month's 2002 Report on the Status of the World's Coral Reefs, which found the Great Barrier Reef was still one of the world's best-preserved

coral reef systems. It also used a 2002 report that found it was almost impossible to determine the degree to which humans, storms or floods had caused coral degradation through run-off.

Dr Wolanski said his new model should determine to what degree storms, floods or humans caused coral degradation through run-off.

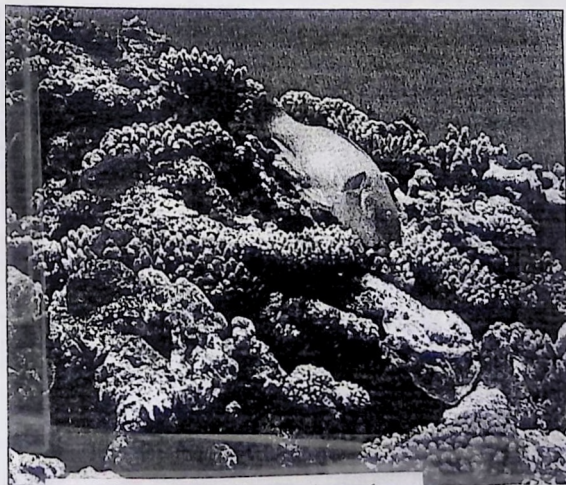
"You always find major degradation after a big storm or floods, but what we believe we're now able to do is pinpoint within this natural variant what is human impact," he said.

Based on long-term survey results, the model uses algal cover as a barometer of reef health — the more algae the less healthy.

It computes the space used by algae, which forms as a result of sediment run-off into the reef, compared with that used by coral.

"What we find is the rate at which coral can recolonise space depends on the quality of the water," Dr Wolanski said.

"There's effectively a space war going on between the two, and the rate at which they compete for space depends on the quality of water and the rate at which fish can eat the algae."



One of the best: The Great Barrier Reef



## Historic shipwreck's secrets

Excavations on a tiny Bass Strait island are revealing details about one of Australia's earliest shipwrecks, which led to the first epic overland trek by a European. Tasmanian Heritage Office marine archaeologist Mike Nash said yesterday an excavation on Preservation Island found one of Australia's oldest dwellings, which was home to survivors from the wreck of the Sydney Cove. The ship carrying supplies, including large quantities of rum, from Calcutta to Port Jackson in 1797 ran aground in shallow water near Preservation Island, a low island about 3km long and 1km wide in the Furneaux group. Mr Nash said about 50 men landed on the island but some soon died from scurvy. Nearly half the remainder set off for Port Jackson in NSW in a long boat, which was wrecked on the southern Victorian coast. Three months later, after the first epic walk in recorded Australian history, three survivors arrived at Port Jackson. After six months on the island, 20 men were rescued. Another six stayed there a further six months to guard cargo that had been recovered from the stricken ship. About 60 per cent of the cargo eventually got to Port Jackson, where it sold for good prices. Mr Nash said the excavations were revealing the final pieces of the Sydney Cove puzzle. The postholes of a dwelling were uncovered but they were in an exposed location and there may be others yet to be found. Other discoveries included a cooking hearth, pottery, broken bottles, coins and the bones of birds, wombats and wallabies. The bones suggested hunting was done on other islands. Mr Nash said the finds were being analysed and he did not know if a more extensive excavation would be mounted.

### QUEENSLAND

## Dutch tourist dies snorkelling

A Dutch tourist died yesterday while snorkelling off Cairns, diving officials said. The man, in his late 20s, whose name has not been released, was an experienced snorkeller, Dive Queensland spokesman Col McKenzie said. He died in calm conditions during a daytrip to Saxon Reef. Mr McKenzie said so-called shallow water blackout was a possibility. "It occurs normally in proficient snorkellers who have no predisposing medical conditions," he said. "What they do is they stay under the water too long, and when surfacing they run out of oxygen and become unconscious." Mr McKenzie said Workplace Health and Safety officers would investigate but at this stage it did not appear any regulations had been breached. "The operator appears to have done everything it should have done professionally," he said.

## You know you're living in 2003 when . . . .

1. *You accidentally enter your password on the microwave.*
  2. *You haven't played solitaire with real cards in years.*
  3. *You have a list of 15 phone numbers to reach your family of three.*
  4. *You e-mail your mate who works at the desk next to you.*
  5. *Your reason for not staying in touch with friends is that they do not have e-mail addresses.*
  6. *When you go home after a long day at work you still answer the phone in a business manner.*
  7. *When you make phone calls from home, you accidentally insert a "0" to get an outside line.*
  8. *You've sat at the same desk for four years and worked for three different companies.*
  10. *Your CV is on a disk in your pocket.*
  11. *You learn about your redundancy on the 11 o'clock news.*
  12. *Your biggest loss from a system crash was when you lost all of your best jokes.*
  13. *Your boss doesn't have the ability to do your job.*
  14. *Contractors outnumber permanent staff and are more likely to get long-service awards.*
  15. *Board members salaries are higher than all the Third World countries annual budgets combined.*
  16. *Interviewees, despite not having the relevant knowledge or experience, terminate the interview when told of the starting salary.*
  17. *Free food left over from meetings is your staple diet.*
  18. *Your boss gets a brand-new state-of-the-art laptop with all the latest features, but you have time to go for lunch while yours boots up.*
  19. *Being sick is defined as you can't walk or you're in hospital.*
  20. *There's no money in the budget for the five permanent staff your department desperately needs, but they can afford four full-time management consultants advising your boss's boss on strategy.*
  21. *Your relatives and family describe your job as "works with computers".*
- AND THE CLINCHERS ARE...**
22. *You read this entire list, and kept nodding and smiling.*
  23. *As you read this list, you think about forwarding it to your "friends"*
  24. *You got this email from a friend that never talks to you anymore, except to send you jokes from the net.*
  25. **AND YOU ARE TOO BUSY TO NOTICE THAT THERE WAS NO NO. 9**

### **Wanted Urgently**

Articles, photos, dive reports,  
non-dive reports, cartoons, etc  
**send to the editor or Alan Storen**

## Finding treasures beneath the surface

Diver uses talents to reunite people with items thought lost at sea

By Andrew Dys The Herald

*(Published November 29, 2002)*

Don't call scuba diver for hire Cory Devereau a treasure hunter. Devereau finds watches and rings, coins, false teeth and even cars under water. He charges a fee to do it, but he's not out just for riches. Devereau drops below the waterline to reunite people with their past. "The hardest part is finding the people after I find the jewellery or the artefacts," Devereau said. "But it's worth it when I do. You can't put a price on the past." Through decades of diving from New England through the Southeast, Rock Hill's Devereau has found valuable booty. He's found rings worth more than \$13,000, silver coins dating back more than a century that are worth more than \$5,000 apiece and plenty of diamond earrings. He even found an old BMW in Lake Wylie a couple months ago, submerged in 26 feet of water, 70 feet from shore, with catfish inside the car. The car later was found to be stolen in Mecklenburg County in 1988, according to Capt. Glenn Williams of the York County Sheriff's Office. "That doesn't even count the stuff like leg braces and false teeth," Devereau said. "I've found three sets of false teeth, and even a single false tooth. About anything that has metal in it, I can find it." Using sophisticated equipment, Devereau and his dive partner Mike Nichols from Rock Hill's Scuba Ventures on Anderson Road will look for just about anything that is lost. Nichols can certify divers year-round right here in Rock Hill. But you probably won't find him diving for fun in Lake Wylie or anywhere else. "There's too much out there to look for," Devereau said. "Take rope swings. Underneath rope swings is a gold mine. A necklace will come off every time." Devereau has done freelance searching for years, even on land, and now hopes to start a company called Investigative Operations Underwater. Devereau first started to dive in South Carolina to search the Grand Strand near Myrtle Beach. He showed up in the fall of 1989. "I was here just more than a day when Hurricane Hugo came," Devereau said. "There was no beach left." Devereau has found trinkets in lakes, rivers, ponds, marshes, bays and inlets. He's hooked rides on sea turtles and come face-to-face with 150-pound snapping turtles with jaws that could snap off an arm. Most divers start with instruction in a swimming pool, or on a tropical vacation. Devereau started in his bathtub at age 11. "My father was an old Navy man," Devereau said. "We had just finished watching Sea Hunt on television. He brought the scuba gear over to the bathtub, and there I went."





Cory Devereau displays the equipment he uses to find objects under water, including an underwater metal detector, which he is holding, at Ebenezer Park on Lake Wylie. At right, Devereau holds a gold University of South Carolina watch he found in Lake Wylie near the Allison Creek Landing. In the background are coins and other jewellery he has

## Oceanic Recalls Scuba Diving Equipment

WASHINGTON (AP)--A California company is recalling about 24,700 pieces of scuba diving equipment that could leak air, possibly causing divers to drown.

Oceanic USA, of San Leandro, has received six reports of air leaks, along with either noise or vibration, from their Oceanic CDX first stage regulators, according to the Consumer Product Safety Commission. No injuries have been reported.

CDX regulators included in the recall have serial numbers 9200001 through 9205622, 9800013 through 9801711, 0200001 through 0213294, 0D0001 through 0D3046, and 9D0001 through 9D3273. They were sold with second stage regulators: Alpha 7, Delta 3, Gamma 2 and Zeta.

Authorized dealers sold the equipment worldwide from May 1999 through October 2002.

The commission advises consumers to immediately stop using the equipment and take them to an authorized Oceanic dealer for a free repair.

^^^^^^Worth a check – especially if you bought OS.^^^^^^^^^^^^^^

Mine was bought in AUS July 2002 but the serial number started with the numbers 9951xxx and I assume Ok. Who knows with Oceanic, my Data Max Pro computer regularly tells me the water temp is 130°C and it has told me my depth was -10m( yes minus 10m!!) and on more than one occasion (eg under Portsea Pier) I was at 130m.(It must have been the new shovel I bought for the garden) Oceanic tell me not to go under a boat with a depth sounder as it tend to cause false readings!!

Alan Storen

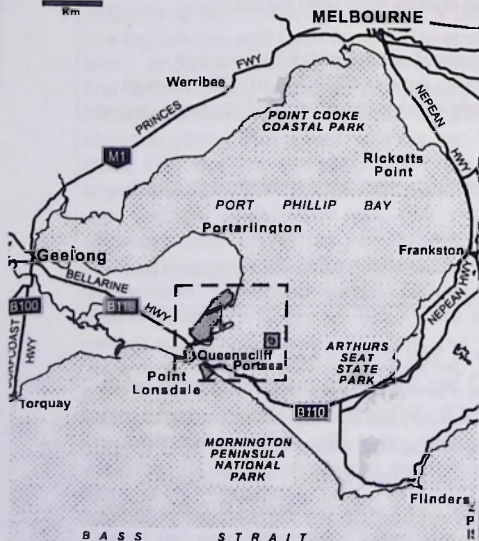
# Port Phillip Heads Marine National Park

- the jewel of the bay



Weedy Sea Dragon

0 10  
Km



## Marine National Park boundaries

**Port Phillip Heads Marine National Park (3,580 hectares)** is made up of six separate areas: Swan Bay, Mud Islands, Point Lonsdale, Point Nepean, Popes Eye, and Portsea Head.

The Swan Bay component of the park includes almost the entire bay, identified by a series of shore markers along the eastern boundary. A 300 metre wide channel, identified by in-water navigation markers extending from Swan Bay Jetty to the park boundary north end of Duck Island, is not within the park.

The Mud Islands component of the park is a 2.5km by 2.5km square area surrounding Mud Islands.

The Point Lonsdale component of the park extends along and off-shore from Clarke's Beacon to west of Point Lonsdale and excludes the area 50m around the pier. Yellow triangular shore markers identify the park boundaries at Clarke's Beacon and near the life saving station.

The Point Nepean component of the park extends along and 250 metres offshore from the Mornington Peninsula National Park to Corsair Rock, and then forms a large wedge to the south until it rejoins the coast. The shore boundary is indicated by yellow triangular shore markers.

The boundary of the park at Popes Eye extends in a circle of 100 metres radius from its centre.

The boundary of the park is a rectangular area around Portsea Head offshore from Portsea Pier.

## Activity

## What can I do?

### Recreational activities

- |                                      |         |
|--------------------------------------|---------|
| • nature observation and sightseeing | yes     |
| • snorkelling and scuba diving       | yes     |
| • swimming, surfing                  | yes     |
| • windsurfing, sailing, boating      | yes (1) |
| • filming and photography            | yes     |

### Recreational fishing and harvesting

- |   |    |
|---|----|
| • all forms of fishing - line, spear, netting, traps                  | no |
| • shellfish collection, including abalone and rock lobster collection | no |
| • bait collection   | no |
| • catch and release fishing   | no |

### Commercial fishing and marine aquaculture

- |                                      |    |
|--------------------------------------|----|
| • abalone fishing                    | no |
| • rock lobster fishing               | no |
| • netting, line fishing and trapping | no |
| • marine aquaculture                 | no |

### Education and research

- |                          |         |
|--------------------------|---------|
| • educational excursions | yes     |
| • scientific research    | yes (2) |

### Other uses

- |   |         |
|---|---------|
| • licensed tour operators                     | yes (2) |
| • filming and photography (commercial)        | yes (2) |
| • removal or disturbance of plants or animals | no      |
| • dredging and spoil dispersal                | no      |
| • activities that disturb the seal/loose      | no      |
| • waste and ballast discharge                 | no      |

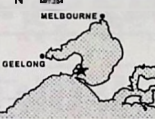
1 Restrictions may apply to high-speed boating or the use of personal watercraft where there is a conflict with natural values or other users

2 Subject to permit

**Port Phillip Heads Marine National Park** Area. 3,580 ha

|  |                      |  |   |
|--|----------------------|--|---|
|  | Highway              |  | Boat access point                               |
|  | Sealed road          |  | Shore based boundary marker (Triangular Beacon) |
|  | Marine National Park |  | In water boundary marker (Pile or Buoy)         |
|  | National Park        |  | Lighthouse                                      |
|  | Reef                 |  | Information                                     |
|  | Waterbody            |  |   |
|  | HWM                  |  |   |

Latitude and Longitude values are based on WGS84

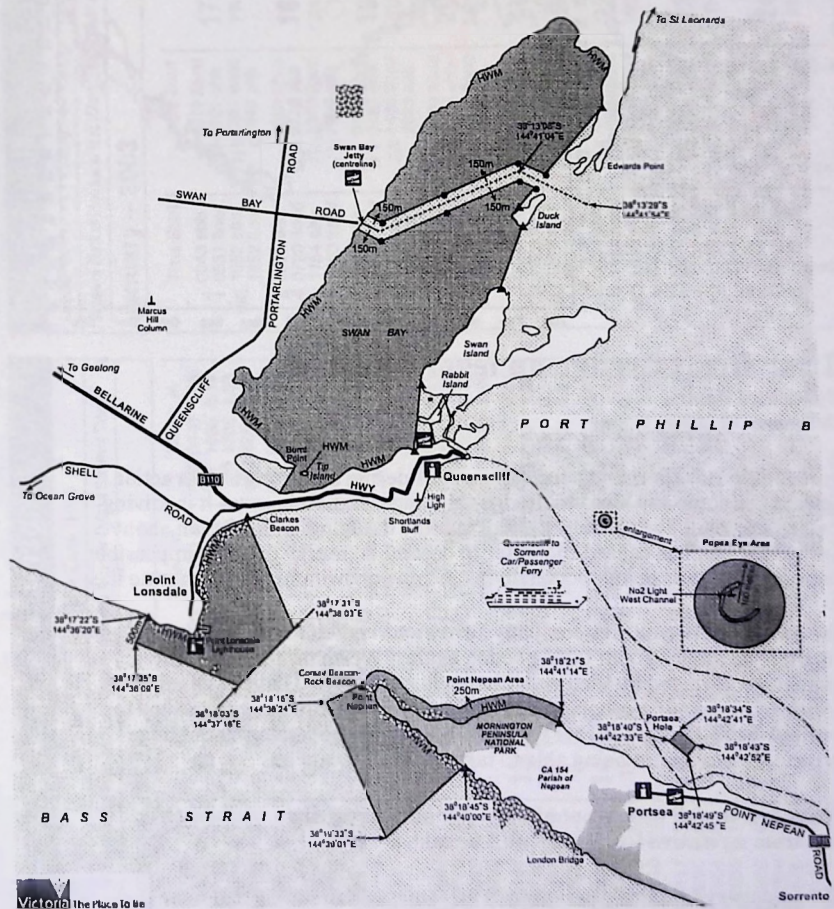


No fishing, netting, spearing, taking or killing of marine life. All methods of fishing, from the shore or at sea, are prohibited.



No taking or damaging of animals, plants and objects (artefacts)

Location of reefs are for illustrative purposes only and may not indicate true position





## Who said the bay was cold??

### 2002 Summary

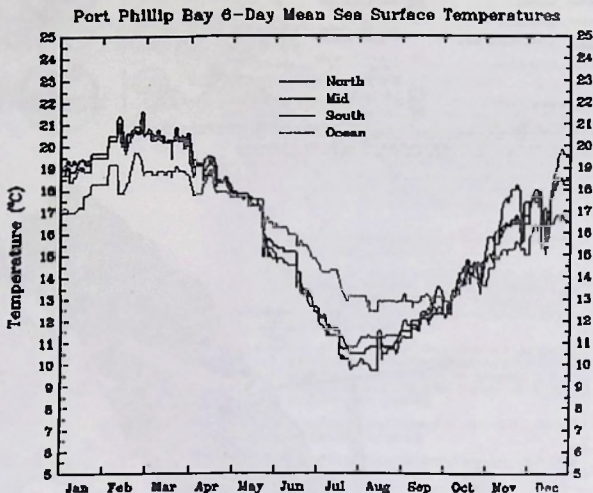
#### Location

|       |     |      |
|-------|-----|------|
| North | max | 21.6 |
|       | min | 9.7  |
|       | av  | 16.0 |

|        |     |      |
|--------|-----|------|
| Middle | max | 21.1 |
|        | min | 10.5 |
|        | av  | 15.9 |

|       |     |      |
|-------|-----|------|
| South | max | 21.3 |
|       | min | 10.7 |
|       | av  | 15.9 |

|       |     |      |
|-------|-----|------|
| Ocean | max | 19.7 |
|       | min | 12.4 |
|       | av  | 15.9 |



## Tour firms dredge up legal threat

By Richard Baker  
December 17 2002

Port Phillip Bay tourism operators are considering launching a class action against the company hired to dredge shipping channels because it is driving away customers. The operators claim that the dredging, which began about two weeks ago, has caused the water to become so murky that it is impossible and unsafe to take people scuba diving, fishing or swimming with marine life.

The owner of Portsea dive company Dive Victoria, Peter Fear, said he had sought legal advice about taking action against Westham Dredging, the company contracted by Victorian Channels Authority. "That advice said that a class action would probably succeed," he said. With dredging in the bay to continue until January 13, Mr Fear said bay tourism operators faced huge financial losses by not being able to take clients out.

"We've had to pull people out of the water and cancel dives, visibility has gone from 25 metres to virtually nil," he said.

VCA manager of marine operations, Tim Muir, said dredging had to be done because silt levels had reached unsafe levels for incoming vessels. A spokeswoman for Westham said the company had no comment to make.

### Port Phillip Heads (Pt. Lonsdale)

Lat. 38° 18' Long 144° 37' Time Zone 1000

Times and Heights of High and Low Waters. Add one hour for Official Summer Time

#### January – 2003

| Time m       | Time m       | Time m       | Time m       |
|--------------|--------------|--------------|--------------|
| 0239 0.69    | 9 0431 1.45  | 17 0405 0.78 | 25 0443 1.46 |
| 0905 1.21    | TH 1016 0.36 | FR 0958 1.05 | SA 1036 0.19 |
| 1519 0.15    | WE 2253 1.37 | TH 1624 1.21 | SA 1706 1.33 |
|              |              | 2215 0.26    | ● 2243 0.30  |
| 2 0357 0.72  | 10 0502 1.40 | 18 0518 0.75 | 26 0519 1.42 |
| 1013 1.20    | TH 1055 0.34 | SA 1104 1.06 | SU 1120 0.14 |
| 1630 0.10    | FR 1709 1.18 | SA 1727 0.19 | SU 1601 1.32 |
| 2355 1.44    | ● 2252 0.35  | ○            | 2330 0.40    |
| 3 0512 0.69  | 11 0532 1.34 | 19 0040 1.32 | 27 0558 1.37 |
| 1118 1.21    | TH 1131 0.32 | SU 0615 0.68 | MO 1204 0.12 |
| FR 1733 0.06 | SA 1757 1.15 | SU 1208 1.10 | MO 1905 1.30 |
| ●            | 2330 0.44    | 1818 0.14    |              |
| 4 0052 1.49  | 12 0602 1.29 | 20 0126 1.39 | 28 0017 0.51 |
| 0615 0.63    | TH 1208 0.31 | MO 0703 0.60 | TH 0641 1.31 |
| SA 1219 1.24 | SU 1846 1.13 | MO 1301 1.15 | TU 1252 0.12 |
| 1830 0.04    |              | 1903 0.10    | 2013 1.28    |
| 5 0145 1.53  | 13 0010 0.53 | 21 0210 1.44 | 29 0109 0.61 |
| 0710 0.56    | MO 0635 1.23 | TH 0746 0.51 | WE 0731 1.25 |
| SU 1315 1.26 | MO 1246 0.31 | TU 1352 1.22 | WE 1346 0.14 |
| 1922 0.04    | 1945 1.12    | 1946 0.08    | 2121 1.27    |
| 6 0233 1.54  | 14 0054 0.63 | 22 0250 1.48 | 30 0210 0.69 |
| 0801 0.49    | TH 0713 1.17 | WE 0829 0.42 | TH 0832 1.19 |
| MO 1405 1.27 | TU 1330 0.30 | WE 1440 1.27 | TH 1451 0.16 |
| 2010 0.06    | 2047 1.13    | 2030 0.09    | 2230 1.28    |
| 7 0317 1.52  | 15 0145 0.71 | 23 0330 1.49 | 31 0325 0.72 |
| 0850 0.43    | WE 0759 1.12 | TH 0911 0.33 | FR 0945 1.15 |
| TU 1454 1.26 | WE 1419 0.30 | TH 1527 0.17 | FR 1607 0.17 |
| 2055 0.11    | 2149 1.15    | 2113 0.13    | 2334 1.32    |
| 8 0356 1.49  | 16 0249 0.77 | 24 0406 1.49 |              |
| 0934 0.39    | TH 0854 1.08 | FR 0953 0.25 |              |
| WE 1540 1.24 | TH 1519 0.28 | FR 1615 1.33 |              |
| 2136 0.18    | 2251 1.20    | 2158 0.20    |              |

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### Port Phillip Heads - Tidal Streams

Lat. 38° 18' Long 144° 37' Time Zone 1000

Times of Start of Flood and Ebb (Stack) Water. Add one hour for Official Summer Time

#### January – 2003

| Time Start    | Time Start    | Time Start    | Time Start    |
|---------------|---------------|---------------|---------------|
| 0043 ebb      | 0019 flood    | 0214 ebb      | 0045 flood    |
| 1 0501 flood  | 9 0701 flood  | 0748 flood    | 25 0712 ebb   |
| WE 1052 ebb   | TH 1321 flood | FR 1133 ebb   | SA 1342 flood |
| 1852 flood    | 1846 ebb      | FR 1941 flood | ● 1937 ebb    |
| 2 0200 ebb    | 10 0728 ebb   | 0308 ebb      | 26 0123 flood |
| TH 1154 ebb   | FR 1359 flood | SA 1239 ebb   | 26 0739 ebb   |
| 1953 flood    | ● 1933 ebb    | ○ 2034 flood  | SU 1430 flood |
| 3 0303 ebb    | 11 0756 ebb   | 0354 ebb      | 27 0203 flood |
| FR 0839 flood | SA 1435 flood | FR 0948 flood | 0809 ebb      |
| FR 1301 ebb   | SA 2023 ebb   | SU 1345 ebb   | MO 1520 flood |
| ● 2048 flood  | 12 0821 ebb   | 2124 flood    | 2147 ebb      |
| 4 0357 ebb    | SU 1515 flood | 0433 ebb      | 28 0248 flood |
| 4 0938 flood  | SU 2120 ebb   | 1028 flood    | 0843 ebb      |
| SA 1411 ebb   | 13 0236 flood | MO 1450 ebb   | TU 1616 flood |
| SA 2138 flood | MO 0949 ebb   | MO 2209 flood | 2903 ebb      |
| 5 0443 ebb    | SU 1517 ebb   | 0509 ebb      | 3043 flood    |
| 5 1028 flood  | MO 2231 ebb   | 1102 flood    | 0924 ebb      |
| SU 1517 ebb   | 2224 flood    | TU 1552 ebb   | WE 1717 flood |
| 6 0524 ebb    | 6 1114 flood  | TU 2250 flood | 0019 ebb      |
| MO 1616 ebb   | MO 1616 ebb   | 0330 flood    | 30 0454 flood |
| 2305 flood    | 2305 flood    | 0918 ebb      | TH 1015 ebb   |
| 7 1158 flood  | 7 1710 ebb    | TU 1648 flood | WE 1650 ebb   |
| TU 2344 flood | 0417 flood    | 2353 ebb      | WE 2330 flood |
| 8 0532 ebb    | 1240 flood    | 0600 ebb      | 0613 ebb      |
| WE 1800 ebb   | 1842 flood    | 1158 flood    | 1216 flood    |
|               |               | WE 1744 flood | TH 1745 ebb   |
|               |               | 15 0108 ebb   | 0007 flood    |
|               |               | 0548 flood    | 0643 ebb      |
|               |               | 1035 ebb      | FR 1258 flood |
|               |               | 1842 flood    | FR 1841 ebb   |

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## Port Phillip Heads (Pt. Lonsdale)

Lat 38° 18' Long 144° 37' Time Zone 1000

Times and Heights of High and Low Water. Add one hour for Official Summer Time

## February - 2003

| Time     | m         | Time      | m         | Time      | m         | Time      | m         |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>1</b> | 0445 0.70 | <b>9</b>  | 0453 1.35 | <b>17</b> | 0005 1.24 | <b>25</b> | 0534 1.37 |
| SA       | 1059 1.14 | SU        | 1059 0.23 | MO        | 0533 0.68 | TU        | 1145 0.05 |
| ☉        | 1718 0.15 | ☉         | 2303 0.43 | ☉         | 1745 0.20 |           | 1949 1.36 |
| <b>2</b> | 0035 1.36 | <b>10</b> | 0521 1.30 | <b>18</b> | 0058 1.32 | <b>26</b> | 0000 0.51 |
| SU       | 0600 0.63 | MO        | 1131 0.31 | TU        | 0632 0.57 | WE        | 0617 1.31 |
|          | 1204 1.16 | MO        | 1805 1.22 | TU        | 1244 1.17 | WE        | 1230 0.10 |
|          | 1819 0.14 |           | 2340 0.50 |           | 1842 0.16 |           | 1950 1.30 |
| <b>3</b> | 0130 1.40 | <b>11</b> | 0552 1.25 | <b>19</b> | 0144 1.39 | <b>27</b> | 0048 0.59 |
| MO       | 0701 0.54 | TU        | 1205 0.22 | WE        | 0722 0.44 | TH        | 0708 1.23 |
|          | 1303 1.20 | TU        | 1852 1.19 | WE        | 1340 1.27 | TH        | 1321 0.17 |
|          | 1913 0.13 |           |           |           | 1932 0.15 |           | 2056 1.24 |
| <b>4</b> | 0216 1.43 | <b>12</b> | 0018 0.58 | <b>20</b> | 0225 1.45 | <b>28</b> | 0144 0.66 |
| TU       | 0755 0.45 | WE        | 0628 1.19 | TH        | 0807 0.31 | FR        | 0811 1.15 |
|          | 1357 1.23 | WE        | 1241 0.23 | TH        | 1432 1.37 | FR        | 1424 0.24 |
|          | 2000 0.15 |           | 1945 1.16 |           | 2019 0.16 |           | 2203 1.21 |
| <b>5</b> | 0256 1.44 | <b>13</b> | 0101 0.86 | <b>21</b> | 0304 1.47 |           |           |
| WE       | 0840 0.36 | TH        | 0708 1.13 | FR        | 0851 0.19 |           |           |
|          | 1445 1.26 | TH        | 1322 0.25 | FR        | 1522 1.44 |           |           |
|          | 2042 0.18 |           | 2046 1.14 |           | 2104 0.20 |           |           |
| <b>6</b> | 0330 1.44 | <b>14</b> | 0152 0.73 | <b>22</b> | 0341 1.48 |           |           |
| TH       | 0919 0.32 | FR        | 0800 1.07 | SA        | 0935 0.10 |           |           |
|          | 1530 1.27 | FR        | 1413 0.26 | SA        | 1611 1.47 |           |           |
|          | 2119 0.23 |           | 2156 1.14 |           | 2148 0.27 |           |           |
| <b>7</b> | 0359 1.41 | <b>15</b> | 0258 0.77 | <b>23</b> | 0417 1.46 |           |           |
| FR       | 0954 0.28 | SA        | 0905 1.03 | SU        | 1018 0.04 |           |           |
|          | 1610 1.27 | SA        | 1519 0.26 | SU        | 1701 1.46 |           |           |
|          | 2154 0.29 |           | 2305 1.18 |           | 2232 0.34 |           |           |
| <b>8</b> | 0426 1.38 | <b>16</b> | 0417 0.75 | <b>24</b> | 0455 1.43 |           |           |
| SA       | 1027 0.24 | SU        | 1024 1.03 | MO        | 1101 0.03 |           |           |
|          | 1647 1.26 | SU        | 1635 0.24 | MO        | 1753 1.43 |           |           |
|          | 2229 0.36 |           |           | ☉         | 2316 0.43 |           |           |

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## Port Phillip Heads - Tidal Streams

Lat 38° 18' Long 144° 37' Time Zone 1000

Times of Start of Flood and Ebb (Slack) Water. Add one hour for Official Summer Time

## February - 2003

| Time Start | Time Start | Time Start | Time Start | Time Start | Time Start | Time Start | Time Start |
|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>1</b>   | 0241 ebb   | <b>9</b>   | 0105 flood | <b>17</b>  | 0918 ebb   | <b>25</b>  | 0154 flood |
| SA         | 0817 flood | SU         | 0715 ebb   | MO         | 0910 flood | TU         | 0740 ebb   |
| ☉          | 1243 ebb   | ☉          | 1354 flood | ☉          | 1328 ebb   | ☉          | 1454 flood |
|            | 2033 flood |            | 2001 ebb   |            | 2103 flood |            | 2138 ebb   |
| <b>2</b>   | 0335 ebb   | <b>10</b>  | 0136 flood | <b>18</b>  | 0358 ebb   | <b>26</b>  | 0237 flood |
| SU         | 0926 flood | MO         | 0739 ebb   | TU         | 0954 flood | WE         | 0815 ebb   |
|            | 1408 ebb   | MO         | 1428 flood | TU         | 1448 ebb   | WE         | 1545 flood |
|            | 2128 flood |            | 2047 ebb   |            | 2153 flood |            | 2240 ebb   |
| <b>3</b>   | 0421 ebb   | <b>11</b>  | 0209 flood | <b>19</b>  | 0432 ebb   | <b>27</b>  | 0326 flood |
| MO         | 1019 flood | TU         | 0803 ebb   | WE         | 1033 flood | TH         | 0859 ebb   |
|            | 1521 ebb   | TU         | 1504 flood | WE         | 1556 ebb   | TH         | 1641 flood |
|            | 2215 flood |            | 2142 ebb   |            | 2238 flood |            | 2345 ebb   |
| <b>4</b>   | 0500 ebb   | <b>12</b>  | 0245 flood | <b>20</b>  | 0505 ebb   | <b>28</b>  | 0430 flood |
| TU         | 1104 flood | WE         | 0829 ebb   | TH         | 1173 flood | FR         | 0954 ebb   |
|            | 1619 ebb   | WE         | 1546 flood | TH         | 1656 ebb   |            | 1748 flood |
|            | 2256 flood |            | 2250 ebb   |            | 2318 flood |            |            |
| <b>5</b>   | 0532 ebb   | <b>13</b>  | 0329 flood | <b>21</b>  | 0537 ebb   |            |            |
| WE         | 1144 flood | TH         | 0859 ebb   | FR         | 1154 flood |            |            |
|            | 1709 ebb   | TH         | 1638 flood | FR         | 1751 ebb   |            |            |
|            | 2331 flood |            |            |            | 2358 flood |            |            |
| <b>6</b>   | 0600 ebb   | <b>14</b>  | 0010 ebb   | <b>22</b>  | 0608 ebb   |            |            |
| TH         | 1219 flood | FR         | 0424 flood | SA         | 1237 flood |            |            |
|            | 1754 ebb   | FR         | 0939 ebb   | SA         | 1845 ebb   |            |            |
|            |            |            | 1742 flood |            |            |            |            |
| <b>7</b>   | 0004 flood | <b>15</b>  | 0126 ebb   | <b>23</b>  | 0036 flood |            |            |
| FR         | 0627 ebb   | : SA       | 0652 flood | SU         | 0638 ebb   |            |            |
|            | 1251 flood | SA         | 1038 ebb   | SU         | 1321 flood |            |            |
|            | 1836 ebb   |            | 1655 flood |            | 1941 ebb   |            |            |
| <b>8</b>   | 0035 flood | <b>16</b>  | 0329 ebb   | <b>24</b>  | 0115 flood |            |            |
| SA         | 0651 ebb   | SU         | 0909 flood | MO         | 0708 ebb   |            |            |
|            | 1323 flood | SU         | 1200 ebb   | MO         | 1407 flood |            |            |
|            | 1918 ebb   |            | 2004 flood | ☉          | 2039 ebb   |            |            |

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## Port Phillip Heads - Tidal Streams

Time Zone 1000

Long 144° 37'

Lat 38° 18'

Times of Start of Flood and Ebb (Stack) Water. Add one hour for Official Summer Time

## March - 2003

| Time Start           | Time Start           | Time Start           | Time Start          | Time Start          |
|----------------------|----------------------|----------------------|---------------------|---------------------|
| 0104 flood           | 0126 ebb             | 0018 flood           | 0057 ebb            | 0430 flood          |
| <b>25</b> 0637 ebb   | <b>17</b> 0649 flood | <b>9</b> 0610 ebb    | <b>1</b> 0608 flood | <b>25</b> 1039 0.01 |
| TU 2030 ebb          | MO 1147 ebb          | SU 1242 flood        | SA 1110 ebb         | TU 1739 1.51        |
| ● 2030 ebb           | ● 1823 flood         | SU 1902 ebb          | SA 1905 flood       | ● 2259 0.47         |
| 0144 flood           | 0221 ebb             | 0046 flood           | 0206 ebb            | <b>26</b> 0512 1.36 |
| <b>26</b> 0715 ebb   | <b>18</b> 0821 flood | <b>10</b> 0633 flood | <b>2</b> 0801 flood | WE 1124 0.07        |
| WE 1423 flood        | TU 1329 ebb          | MO 1313 flood        | SU 1249 ebb         | WE 1930 1.42        |
| ● 2119 ebb           | ● 2037 flood         | MO 1941 ebb          | ● 2018 flood        | 2342 0.52           |
| 0227 flood           | 0305 ebb             | 0115 flood           | 0303 ebb            | <b>27</b> 0558 1.29 |
| <b>27</b> 0757 ebb   | <b>19</b> 0914 flood | <b>11</b> 0656 ebb   | <b>3</b> 0911 flood | TH 1209 0.16        |
| TH 1509 flood        | WE 1452 ebb          | TU 1345 flood        | MO 1419 ebb         | TH 1928 1.32        |
| ● 2210 ebb           | ● 2134 flood         | ● 2020 ebb           | ● 2114 flood        | 1818 0.30           |
| 0316 flood           | 0344 ebb             | 0146 flood           | <b>4</b> 0348 ebb   | <b>28</b> 0029 0.59 |
| <b>28</b> 0846 ebb   | <b>20</b> 0959 flood | <b>12</b> 0721 ebb   | <b>4</b> 1001 flood | FR 0661 1.20        |
| FR 1600 flood        | TH 1600 ebb          | WE 1419 flood        | ● 1527 ebb          | FR 1258 0.26        |
| ● 2305 ebb           | ● 2222 flood         | ● 2103 ebb           | TU 2022 flood       | 2030 1.24           |
| 0420 flood           | 0419 ebb             | 0219 flood           | 0424 ebb            | <b>29</b> 0124 0.64 |
| <b>29</b> 0951 ebb   | <b>21</b> 1042 flood | <b>13</b> 0747 ebb   | <b>5</b> 1040 flood | SA 0759 1.12        |
| SA 1703 flood        | FR 1656 ebb          | TH 1457 flood        | WE 1620 ebb         | SA 1358 0.36        |
| 0009 ebb             | ● 2305 flood         | ● 2156 ebb           | WE 2242 flood       | 2134 1.19           |
| <b>30</b> 0600 flood | <b>22</b> 1126 ebb   | 0257 flood           | 0455 ebb            | <b>30</b> 0240 0.67 |
| SU 1123 ebb          | SA 1753 ebb          | FR 0819 ebb          | <b>6</b> 1113 flood | FR 0923 1.08        |
| ● 1826 flood         | ● 2345 flood         | FR 1541 flood        | TH 1705 ebb         | SU 1516 0.43        |
| 0115 ebb             | 0529 ebb             | 0343 flood           | ● 2316 flood        | 2239 1.19           |
| <b>31</b> 0742 flood | <b>23</b> 1210 flood | 0902 ebb             | <b>7</b> 1143 flood | <b>31</b> 0414 0.64 |
| MO 1304 ebb          | SU 1846 ebb          | SA 1637 flood        | FR 1746 ebb         | MO 1043 1.09        |
| 1948 flood           | 0025 flood           | 0016 ebb             | FR 2948 flood       | MO 1639 0.46        |
| 0451 flood           | 0451 ebb             | 1212 flood           | 0645 ebb            | 2339 1.21           |
| MO 1254 flood        | MO 1939 ebb          | 1006 ebb             | <b>8</b> 1212 flood |                     |
| ● 1939 ebb           | ● 1754 flood         | 1754 flood           | SA 1825 ebb         |                     |

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## Port Phillip Heads (Pt. Lonsdale)

Time Zone 1000

Long 144° 37'

Lat 38° 18'

Times of High and Low Waters. Add one hour for Official Summer Time

## March - 2003

| Time m              | Time m              | Time m       | Time m              | Time m      |
|---------------------|---------------------|--------------|---------------------|-------------|
| 0258 0.70           | <b>17</b> 0323 0.70 | 0348 1.35    | <b>25</b> 0430 1.42 | 1039 0.01   |
| <b>1</b> 0929 1.10  | MO 0956 1.05        | SU 0952 0.19 | TU 1739 1.51        | ● 2259 0.47 |
| SA 1544 0.28        | SU 1545 0.33        | SU 1622 1.38 | ● 2324 0.40         |             |
| SA 2311 1.22        | 2204 0.40           | 2204 0.40    |                     |             |
| 0427 0.68           | <b>18</b> 0445 0.82 | 0416 1.33    | <b>26</b> 0512 1.36 |             |
| <b>10</b> 1024 0.17 | 1120 1.13           | WE 1930 1.42 | WE 1124 0.07        |             |
| MO 1656 1.36        | TU 1707 0.32        | 2342 0.52    | 2342 0.52           |             |
| <b>2</b> 1702 0.29  | ● 2238 0.45         |              |                     |             |
| 0014 1.26           | <b>19</b> 0019 1.28 | 0558 1.29    | <b>27</b> 0558 1.29 |             |
| <b>3</b> 0548 0.60  | WE 0555 0.48        | TH 1928 1.32 | TH 1209 0.16        |             |
| ● 1157 1.13         | TU 1732 1.33        | 1818 0.30    | 1818 0.30           |             |
| MO 1807 0.28        | ● 2313 0.50         |              |                     |             |
| 0106 1.31           | <b>12</b> 0518 1.25 | 0108 1.36    | <b>28</b> 0029 0.59 |             |
| 0650 0.50           | TH 1126 0.19        | 0649 0.33    | FR 0661 1.20        |             |
| <b>4</b> 1259 1.19  | WE 1814 1.28        | TH 1330 1.40 | FR 1258 0.26        |             |
| TU 1900 0.27        | 2347 0.56           | 1915 0.29    | 2030 1.24           |             |
| 0148 1.35           | <b>13</b> 0552 0.21 | 0152 1.41    | <b>29</b> 0124 0.64 |             |
| <b>5</b> 0738 0.40  | TH 1158 0.21        | FR 0738 0.19 | SA 0759 1.12        |             |
| WE 1351 1.25        | TH 1900 1.22        | FR 1423 1.51 | SA 1358 0.36        |             |
| 1945 0.27           | 2003 0.30           | 2003 0.30    | 2134 1.19           |             |
| 0224 1.37           | <b>14</b> 0625 0.63 | 0232 1.45    | <b>30</b> 0240 0.67 |             |
| <b>6</b> 0815 0.32  | FR 1236 0.23        | 0824 0.08    | FR 0923 1.08        |             |
| TH 1436 1.31        | SA 1514 1.59        | SA 1514 1.59 | SU 1516 0.43        |             |
| 2024 0.29           | 1958 1.17           | 2049 0.33    | 2239 1.19           |             |
| 0253 1.36           | <b>15</b> 0721 1.08 | 0312 1.46    | <b>31</b> 0414 0.64 |             |
| <b>7</b> 0850 0.26  | SA 1323 0.27        | 0909 0.01    | MO 1043 1.09        |             |
| FR 1515 1.35        | SA 2105 1.14        | SU 1602 1.61 | MO 1639 0.46        |             |
| 2059 0.32           | 2105 1.14           | 2133 0.37    | 2339 1.21           |             |
| 0321 1.37           | <b>16</b> 0207 0.72 | 0350 1.45    | <b>24</b> 0350 1.45 |             |
| <b>8</b> 0921 0.21  | FR 0830 1.04        | 0954 -0.02   | MO 1650 1.58        |             |
| SA 1549 1.37        | SU 1426 0.30        | 2216 0.41    | 2216 0.41           |             |
| 2131 0.36           | 2218 1.16           |              |                     |             |

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## Emergency Contact Information Mornington Peninsula Area

|                                     |              |
|-------------------------------------|--------------|
| Police – Ambulance – Fire .....     | 000          |
| Rosebud Hospital                    |              |
| 1527 Nepean hwy Rosebud .....       | 5986 0666    |
| Frankston Hospital                  |              |
| Hastings Road Frankston .....       | 9784 7777    |
| The Bays Hospital                   |              |
| Main Street Mornington .....        | 5975 2009    |
| Mornington Bay Rescue Service ..... | 0419 233 999 |
| Southern Peninsula Rescue .....     | 5984 4555    |
| Diving Emergency Service .....      | 1800 088 200 |
| Coast Guard (Hastings) .....        | 5979 3322    |
| Coast Guard (Safety Beach) .....    | 5981 4443    |
| State Emergency Service (SES) ..... | 26 14 68     |
| Water Police .....                  | 9534 2983    |
| Melbourne Ambulance .....           | 11440        |

### Diving Doctors

|                                    |           |
|------------------------------------|-----------|
| Dr Guy Williams (Rosebud) .....    | 5981 1555 |
| Dr J De BJ Dade (Mornington) ..... | 5975 5288 |

**VHF Emergency Channel.....16**

# VSAG DIVE & MEETING CALENDAR

| Date            | Location               | Dive Captain | Phone                     | Meeting Point      | Time       |
|-----------------|------------------------|--------------|---------------------------|--------------------|------------|
| <b>DECEMBER</b> |                        |              |                           |                    |            |
| 1               | Cray Dive              | Andy M       | 9809 0984                 | To be advised      |            |
| 6               | VSAG Xmas Party        |              | Milano's - Brighton Beach |                    | 7PM        |
| 8               | Back Beaches           | Bruce D      | 9787 6318                 | Sorrento           | 9.30       |
| 15              | Pinnacles / Kermode    | John L       | 9589 4020                 | Newhaven           | 10.00      |
| 19              | <b>General Meeting</b> |              |                           | <b>Bells Hotel</b> | <b>8PM</b> |
| 22              | Cray Dive              | Gerry DV     | 0417 324 608              | Flinders           | 9.00       |
| 26              | Local Diving           | Andy M       | 9809 0984                 | To be advised      |            |
| 29              | Local Diving           | John L       | 9589 4020                 | To be advised      |            |
| <b>JANUARY</b>  |                        |              |                           |                    |            |
| 4               | Local Diving           | Gerry DV     | 0417 324 608              | To be advised      |            |
| 5               | Local Diving           | John L       | 9589 4020                 | To be advised      |            |
| 12              | Local Diving           | Pat R        | 9789 1092                 | To be advised      |            |
| 16              | <b>General Meeting</b> |              |                           | <b>Bells Hotel</b> | <b>8PM</b> |
| 18              | Night Dive             | Priya        | 9761 0960                 | To be advised      |            |
| 19              | Local Diving           | John L       | 9589 4020                 | To be advised      |            |
| 26              | Local Diving           | Bruce        | 0407 331544               | To be advised      |            |
| <b>FEBRUARY</b> |                        |              |                           |                    |            |
| 2               | Milora                 | Leo M        | 9727 1568                 | Sorrento           | 9.00       |
| 9               | Catch & Cook BBQ       | Priya        | 9761 0960                 | Rye                | 10.00      |
| 16              | 130' Sub               | Alan S       | 9803 3573                 | Sorrento           | 9.00       |
| 20              | <b>General Meeting</b> |              |                           | <b>Bells Hotel</b> | <b>8PM</b> |
| 23              | Rotomahana             | Nev V        | 9551 1547                 | Sorrento           | 9.00       |
| <b>MARCH</b>    |                        |              |                           |                    |            |
| 1-9             | PERTH Club Trip        | John L       |                           |                    |            |
| 2               | Local Diving           | Priya        | 9761 0960                 | Sorrento           | 9.00       |
| 9               | Heads Area             | Pat R        | 9789 1092                 | Sorrento           | 9.00       |
| 16              | Ship Graveyard         | Nev V        | 9551 1547                 | Sorrento           | 9.00       |
| 20              | <b>General Meeting</b> |              |                           | <b>Bells Hotel</b> | <b>8PM</b> |
| 23              | Lonsdale Wall          | Alan S       | 9803 3573                 | Sorrento           | 9.00       |
| <b>APRIL</b>    |                        |              |                           |                    |            |
| 18-22           | Wilson's Prom          | Priya        | 9761 0960                 |                    |            |
| 17              | <b>General Meeting</b> |              |                           | <b>Bells Hotel</b> | <b>8PM</b> |

*Dive Calendar is subject to change – Please check details with Dive Captain*

## DIVE CHECK IN TIMES

**Boat Owners** 5.00 to 6.00pm **Divers** 6.00 to 7.00pm

**BOOKINGS CLOSE AT 7.00pm. DO NOT PHONE AFTER THAT TIME. THE DIVE CAPTAIN IS RESPONSIBLE FOR THE ALLOCATION OF DIVERS TO BOATS**





## VSAG Lobster Quiz

Multiple Choice - Answer either:

A - Lawler

B - Lobster

C - Birtles

Q1: Which of these three knows how a lobster thinks?

Q2: Which is the reddest, most stubborn, prickliest, horniest critter likely to be found in a ledge?

Q3: If the boat was sinking and there was one life jacket, to whom would you throw it?

Q4: Which one would you take home to impress your partner?

Q5: Of these three males, one of them is 'size' (10.5cm). Can you guess which one?

*(If you answered B to all 5 questions - well done!)*