

**SDF News Sheet – January 2018**

Monthly newsletter of  
**Scuba Dive SA**  
The SCUBA DIVERS FEDERATION OF SA

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Scuba Dive SA is the peak body in South Australia,  
We represent all recreational divers in SA.  
We have helped to protect the ocean environment.  
We have been instrumental in preserving jetties, sharks, etc..  
We need your support to continue to serve all divers.

This monthly electronic news sheet is provided as a service to our members. Our monthly newsletters (and any bulletins) can be downloaded from <http://www.sdfsfa.net/newsletters.htm>.

**HAPPY NEW YEAR EVERYONE - We wish our members and news sheet readers a happy New Year.**

We enjoyed our final get-together for 2017 with drinks and nibbles at the Rob Roy Hotel. We start over again in 2018 with our first ScuBAR for the year being held at the Rob Roy Hotel on Friday 12<sup>th</sup> January. We will get back down to business at our first meeting for the year at the University of Adelaide at 7pm on Tuesday 23<sup>rd</sup> January. It is being held in the Conference Room on level 2 in The Braggs building (see <https://www.adelaide.edu.au/campuses/northtce/>).

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## **NEW LOCATION FOR OUR NEXT MEETING**

The next meeting of Scuba Dive SA is being held in the Conference Room on level 2 in The Braggs building (see <https://www.adelaide.edu.au/campuses/northtce/>) at the University of Adelaide at 7pm on Tuesday 23<sup>rd</sup> January. Further details will be announced closer to the date.

## **JETTY STEPS UPDATE**

There are now some steep steps at Wallaroo jetty providing access to the shoreline/water at the base of the jetty. The new steps at the Port Hughes and Port Noarlunga jetty provided divers with easy entry and exit over the Christmas break.

## **LOST GO-PRO RETURNED TO OWNER**

Another lost camera find has surfaced (pardon the pun). Scott Mueller found a Go-Pro camera at the bottom of a lake and was able to track down its owner and return it to her – see [www.9news.com/life/heartwarming/it-was-as-good-as-gone-gopro-filled-with-memories-of-late-father-returned-to-teen/503061389](http://www.9news.com/life/heartwarming/it-was-as-good-as-gone-gopro-filled-with-memories-of-late-father-returned-to-teen/503061389).

## **HELP NEEDED TOP FIND LOCAL SHARKS**

Professional shark photographer Andy Murch (see [elasmodiver.com](http://elasmodiver.com)) is hoping to find endemic catsharks, carpetsharks or other small local species in South Australia. “Any info you can offer on dive sites, best time of year and likelihood of encounters would be extremely welcome. There is also a collared carpet shark that I have heard shows up in your neck of the woods. If you do hear of anyone finding any of these with some regularity. I would be keen to hear about it. Best regards, Andy.” Andy Murch is:

Trip Leader at Big Fish Expeditions <http://bigfishexpeditions.com>

Creator of the Shark and Ray Field Guide <http://elasmodiver.com>

Predators in Peril Project Leader <http://predatorsinperil.org>

## **PORT MORESBY CHAMBER HAS CLOSED**

DAN Asia Pacific advise us that the Port Moresby chamber has closed. They say that it “has been closed for most of 2017 and will remain so for the foreseeable future. There is a dispute between the chamber owners and the clinic where it is currently stationed. The plan is to move the chamber elsewhere, but the clinic is refusing to release the chamber. DAN will generally evacuate seriously ill divers to Australia. In the event of a diving incident please call the DAN DES Emergency Hotline for advice (+61-8-8212 9242 from Outside Australia or 1800-088 200 from within Australia). Safe Diving, The DAN AP Team.”

## **NEW MILESTONE FOR DIVE LOG**

Congratulations to Dive Log magazine which is celebrating its 31<sup>st</sup> year in 2018. The SA content in the January issue includes prize winners, Scuba Dive SA news, South Aussie

Snippets, Heather Creech's column, articles by Steve Reynolds and Eliza Gow, and PT Hirschfield's Rapid Bay dive report.

## **ScuBAR**

Our next ScuBAR is being held at 6pm on Friday 12<sup>th</sup> January 2018 at the Rob Roy Hotel, 106 Halifax St, Adelaide. Danny Brock from DEWNR and the CEO of the Diver Alert Network will be our speakers for the evening. Our next ScuBAR won't be held until April due to the Mad Month of March, which includes the Fringe Festival. Our ScuBARs are sponsored by the Rob Roy Hotel, Mile End Office Furniture and Dell'Uva Wines Estate. Dell'Uva Wines are at Freeling in the Barossa Valley where they have the largest range of imported Spanish, Italian, Portuguese & French alternate wine varieties. They have now got their cellar door open at Greenock. Our thanks go to the Rob Roy Hotel, Mark Tozer of Mile End Office Furniture and Wayne Farquhar at Dell'Uva Wines for their generous support of our Federation.

## **THANKS**

Many thanks to Author Paul G Day who has shared some underwater footage of squid and a giant octopus with us. These can be seen at <http://fbvidthis.com/v/cv5ncK9EJ58> and <http://fbvidthis.com/v/9xdkF6EhrTU> .

## **CHRISTMAS THANKS**

Many thanks to everyone who sent us good wishes for Christmas and the new year. People like Ron Bellchambers, RecSA, OzTek2019 and PIRSA/SARDI/SafeFish.

## **DOLPHIN STUDY**

A 2-year study by Flinders University researchers on bottlenose dolphins at Coffin Bay found that the dolphins will stay in a spot where they have plenty of food and are not threatened by sharks. The researchers used the results of the study "to call for dolphins to be considered in the management strategies of marine parks".

## **DIVE SHOP NEWS**

Congratulations to Reef 2 Ridge on the recent opening of their new dive centre at 11 Caldwell St, Mount Gambier.

Most SA dive shops held Christmas celebrations for their staff and clients in the lead-up to Christmas.

## **BREAKWATER BAN PROPOSAL**

Snorkelling around some suburban breakwaters will become a thing of the past due to recent tragedies. Swimmers have died at both the Glenelg & Semaphore breakwaters in recent years. The local councils are now considering banning people from those breakwaters altogether. It is quite possible that the breakwaters will be fenced off entirely. It was recently announced in The Advertiser that three breakwaters at Glenelg “will have access restricted at their seawards ends, and the State Government will impose a ban on swimming within 40m of all three. There will be penalties that can apply for people who are breaching this ban. “There is an expiation of \$160 plus the \$60 victims of crime levy,” Infrastructure Minister Stephen Mullighan said. “There is a maximum court-imposed penalty of \$1250.”” There could also be new laws against jetty jumping.

It has been pointed out that jetty jumping is already illegal but not policed. According to the web page found at [http://www.adelaidenow.com.au/news/law-order/glenelg-drowning-deaths-prompt-crackdown-on-jetty-jumping-reviews-of-water-safety-programs/news-story/b8dbb9804b7b9c827e6add759a252678?utm\\_source=The%20Advertiser&utm\\_medium=email&utm\\_campaign=editorial](http://www.adelaidenow.com.au/news/law-order/glenelg-drowning-deaths-prompt-crackdown-on-jetty-jumping-reviews-of-water-safety-programs/news-story/b8dbb9804b7b9c827e6add759a252678?utm_source=The%20Advertiser&utm_medium=email&utm_campaign=editorial) , “The drowning of a second teenager at Glenelg beach in just over a week has prompted reviews of both water safety programs for migrants and overseas visitors as well as legislation to crack down on jetty jumping.” Emergency Services Minister Chris Picton said the government would consider whether physically modifying jetties, such as altering steps that jetty-jumpers use to climb back on to jetties, could deter such behaviour. “We’ll consider all the options that might be available in terms of improving safety on our beaches,” he said.

## **NEW UNDERWATER DISCOVERIES IN GREECE REVEAL ANCIENT ROMAN ENGINEERING**

Underwater excavations at Lechaion, the ancient harbour of Corinth provide insight into engineering by the Roman Empire – see <https://www.theguardian.com/science/2017/dec/14/new-underwater-discoveries-in-greece-reveal-ancient-roman-engineering> .

## **CAVING STAMPS**

Australia Post issues a series of four postage stamps depicting caves last May. One of the two \$1 stamps shows Weebubbe Cave in WA. Details can be found at <https://australiapostcollectables.com.au/stamp-issues/caves> . According to that web page, “Weebubbe Cave, near Eucla in Western Australia, is a culturally significant site to the Mirning people. Weebubbe Cave was formed millions of years ago and is the deepest cave in the Nullarbor, which itself is made up of the largest continuous block of limestone in the world. The lakes of Weebubbe Cave are filled with water so crystal clear that visibility has been measured at depths greater than 150 metres. The stamp photograph was taken by Steve Trewavas.”

## **NEW LIFEJACKET LAWS**

New lifejacket laws came into effect on 1<sup>st</sup> December. They are designed to improve safety and reduce the risk of drowning on SA waterways and coastal waters. The new laws make the wearing of lifejackets mandatory on vessels and in water activities more often than is currently required. They apply to most boats, SUPs and surf skis. It has been pointed out that we are now “stuck wearing (lifejackets) on every night dive because we did nothing (about the proposed legislation and just) hope(d) for the best”. For more information about the new legislation, visit [www.dpti.sa.gov.au/ondeck/news?a=389632](http://www.dpti.sa.gov.au/ondeck/news?a=389632) .

## **A NEW WORLD RECORD**

The previous world record for the longest submerged human chain was beaten in Victoria’s Port Phillip Bay on 2nd December when a total of 362 divers took part in the Guinness World Record Attempt. (The first record was held by SA back in 1989 when some 260 divers took to the water together at Henley Beach near the jetty. The “Henley Seafare” was being held at Henley Square. It was a hot day. Part of the programme of events for the day was an attempt to set a world record of scuba divers underwater at the same place and at the same time. The attempt had been organised by the Divers International shop and the proceeds were to be given to charity. After the record dive, a treasure hunt was held. Some bottle tops were thrown into the water and the divers rushed back in to find them in order to win prizes. Certain bottle tops were numbered for prizes. Several TV cameras were there on the day and footage was shown on the news that night, including some underwater footage. The divers only had to spend five minutes submerged together to set the record.)

## **MANAGEMENT PLAN FOR RECREATIONAL FISHING**

The Management Plan for Recreational Fishing in South Australia is now available to read online at [http://pir.sa.gov.au/\\_data/assets/pdf\\_file/0003/296490/Recreational\\_Fishery\\_Management\\_Plan.pdf](http://pir.sa.gov.au/_data/assets/pdf_file/0003/296490/Recreational_Fishery_Management_Plan.pdf) . The plan provides background information about the strategic policy framework for recreational fishing in our state.

## **SHARK FISHING REVIEW**

According to Page 14 of the Management Plan for Recreational Fishing in South Australia at [http://pir.sa.gov.au/\\_data/assets/pdf\\_file/0003/296490/Recreational\\_Fishery\\_Management\\_Plan.pdf](http://pir.sa.gov.au/_data/assets/pdf_file/0003/296490/Recreational_Fishery_Management_Plan.pdf), “Development and refinement of metropolitan shark fishing restrictions to address community concerns through targeted consultation with key recreational fishing stakeholders to assist in striking a balance between community concerns and recreational fishing activities.”

## **LIBERALS PLAN TO ABOLISH RECFISH SA**

According to the web page found at <http://www.news.com.au/national/south-australia/sa-liberals-vows-to-abolish-recfish-sa-replace-with-two-new-bodies/news->

[story/33f48a5d08b1d1bd4548f6e2145bbf44](http://www.adelaidenow.com.au/news/south-australia/sa-liberals-vows-to-abolish-recfish-sa-replace-with-two-new-bodies/story/33f48a5d08b1d1bd4548f6e2145bbf44) , “SA Liberals vows to abolish RecFish SA, replace with two new bodies. The state’s peak fishing body, RecFish SA, would be replaced by two new bodies under a bold Liberal Party plan to “unite” recreational and commercial fishing sectors. The Opposition claims the non-profit group has “lost the support” of tens of thousands of recreational fishers. It has promised to introduce legislation to re-establish a Fisheries Council if it wins next year’s election. The council was one of more than 100 government boards and committees abolished by Premier Jay Weatherill in 2014. Mr Ridgway said the Fisheries Council would bring together the new recreational council and commercial fishing bodies, to ensure all sectors felt they had a say in decisions. “It’s imperative to get the management of our fragile fisheries right and that’s why we will unite our fisheries industries,” Mr Ridgway said. “We want to establish a platform in which all key players in the commercial and recreational fisheries industries have a seat around the same table and can discuss how best to manage our fisheries.” RecFish was paid \$125,000 in 2014 by the Government to spruik the positive aspects of its controversial marine parks policy to anglers, with a committee member saying they were gobsmacked by the deal. The marine parks policy includes no-take zones, where commercial and professional anglers are prohibited from fishing in. Mr Ridgway said supporting the policy, which had “significantly hurt” the recreational fishing industry, had led to a “disjointed and divided” sector. “South Australia’s recreational fishing sector is a great contributor to our economy and an important part of our culture here in South Australia so it’s important their interests are properly represented,” he said. Fisheries Council will give both sectors an opportunity to work through any issues.”

RecFish SA is now calling on all recreational fishers to oppose any plan by the Liberal Party to abolish RecFish SA, by directly contacting either Steven Marshall at [dunstan@parliament.sa.gov.au](mailto:dunstan@parliament.sa.gov.au) or David Ridgway at [david.ridgway@parliament.sa.gov.au](mailto:david.ridgway@parliament.sa.gov.au) . Meanwhile, it seems that the SA Liberal party supports commercial netting and longlining in Gulf St Vincent

## **PLANS TO DREDGE PORT RIVER CHANNEL**

Local environmental groups are concerned that SA’s largest port operator wants to dredge the Port River because the number of ships calling into Outer Harbor has quadrupled this year and is expected to double again in 2018. Flinders Ports has applied to the State Planning Commission to widen the existing shipping channel at Outer Harbor by 40m for a distance of 7km. This would require dredging of 1.55m cubic metres of sea matter to be relocated at Gulf St Vincent. Jim Douglas, president of the Western Adelaide Coastal Residents Association, said the economic benefit of widening the channel did not outweigh the destruction of the environment. “WACRA has serious concerns about the dredging operation and would like to see it stopped because of its massive detrimental effects on the marine environment,” Mr Douglas said. “We would never want to see a repeat of the 2005 Port River dredging operation (by Flinders Ports) and the resulting cloudy water stretching ... as far as West Beach.” He said he did not understand why the dredged matter would be dumped at Gulf St Vincent instead of being pumped onto land — which was safer and could be used to build sea banks in flood zones. Port Adelaide Residents Environment Protection Group president Tony Bazeley agreed. “Disposal of dredge spoil at sea is truly last century’s solution,” Mr Bazeley said. “The main problem arising from dredging occurs when the plume of dredged sediments smothers marine organisms and sea grass. The SA Government has spent literally millions of dollars investigating sea grass loss — 2000ha in 2005 — and its restoration. Naturally re-emerging sea grass in the river near Torrens Island is particularly at risk.”

Flinders Ports has acknowledged this risk and is proposing to use a vessel with “green valves” to exclude fauna and reduce stirred-up sediment, which causes the cloudy water and loss of sea vegetation.

(Source: <http://www.adelaidenow.com.au/messenger/west-beaches/plan-to-dredge-port-river-channel-stirs-up-environmental-fears/news-story/ca6fdbdb50cf7bbe6f01cc24d444d26> )

## **SOUTH AUSTRALIAN DIVE MEDICAL PRACTITIONERS & MEDICAL FACILITIES**

### SA Dive Medical Practitioners

A dive medical can be done through the RAH Hyperbaric Medicine Unit; Ph: 7074 0000  
Or privately;

(Make sure you tell the receptionist that it is for an occupational/commercial dive medical.)

Dr Alexander Kleinschmidt, SA Sports Medicine Ctr, 70 South Tce, Adelaide SA, 5000  
Ph: (08) 8211 8002

Dr. S.L.Liaw, 1 Doctors Rd, Morphett Vale SA, 5162  
Ph: (08) 83847977

Dr Eben Viljoen, Para Hills Clinic, 513 Bridge Road, Para Hills SA, 5096  
Ph: (08) 8258 1033

Dr Adrian Winsor, 186 Tynte Street, North Adelaide, SA, 5006  
Ph: (08) 8267 6828

A complete list of medical practitioners with training in diving medicine is maintained by the South Pacific Underwater Medicine Society (SPUMS). Look on the SPUMS website for doctors who do occupational dive medicals – <https://www.spums.org.au> .

### SA Medical Centres/Contacts – General

Divers Emergency Service / Diver Alert Network

This number is attended 24 hours/day. Toll free for calls within Australia. Tel. 1800 088 200  
Ambulance (they will notify the Royal Adelaide Hospital Hyperbaric Medicine Unit on instruction). 000 (112 on some mobiles)

Royal Adelaide Hospital Hyperbaric Medicine Unit  
North Terrace, Adelaide, South Australia Tel. (08) 8222 5116,  
(08) 7074 0000

SA Water Police Tel. (08) 8242 3466

### Medical Centres/Contacts -Adelaide

Royal Adelaide Hospital Hyperbaric Medicine Unit, North Terrace, Adelaide, South Australia  
Tel. (08) 8222 5116, (08) 7074 0000

Flinders Medical Centre, Flinders Drive, Bedford Pk., South Australia  
Tel. (08) 8204 5511

Noarlunga Hospital, Alexander Kelly Dr., Noarlunga Centre, South Australia



Tel. (08) 8384 9222

Further details regarding country medical services can be found at <http://mlssa.org.au/2017/12/01/south-australian-dive-medical-practitioners-medical-facilities/>.

## **RADIOACTIVE SUBSTANCES ARE SEEPING OUT OF A UNITED STATES NUCLEAR WASTE DUMP ON A REMOTE AND LOW-LYING PACIFIC ATOLL**

Rising seas caused by climate change are seeping inside a United States nuclear waste dump on a remote and low-lying Pacific atoll, flushing out radioactive substances left behind from some of the world's largest atomic weapons tests. In the late 1970s, Runit Island, on the remote Enewetak Atoll, was the scene of the largest nuclear clean-up in United States history. Highly contaminated debris left over from dozens of atomic weapons tests was dumped into a 100-metre wide bomb crater on the tip of the uninhabited island. US Army engineers sealed it up with a half-metre thick concrete cap almost the size of an Australian football ground, then left the island. Now with sea levels rising, water has begun to penetrate the dome. Visit <http://www.abc.net.au/news/2017-11-27/the-dome-runit-island-nuclear-test-leaking-due-to-climate-change/9161442?pfmredirect=sm> for further details.

## **PACIFIC ISLAND COUNTRIES COULD LOSE MOST OF THE FISH IN LOCAL WATERS**

Meanwhile, Pacific Island countries could lose most of the of fish in local waters under climate change. According to a new Nippon Foundation-Nereus Program study published in Marine Policy, many Pacific Island nations will lose 50 to 80% of marine species in their waters by the end of the 21st century if climate change continues unchecked. This area of the ocean is projected to be the most severely impacted by aspects of climate change. (Source: <http://www.nereusprogram.org/pacific-island-countries-could-lose-50-80-of-fish-in-local-waters-under-climate-change/> )

## **CLUBS TO INFORM US OF THEIR CURRENT MEMBERSHIP NUMBERS**

We need to know the total number of financial members that we are representing, therefore we require member clubs to inform us of the current number of members that they have. We need your club to inform us of your membership numbers ASAP. Please ensure that your club secretary sends those details to us via [info@sdfsa.net](mailto:info@sdfsa.net) . Many thanks to those clubs that have already responded.

## **CONGRATULATIONS**

Congratulations go to both Dan Monceaux & Jenny Moxham on having their 'fishing cruelty' letters to the editor published on p.71 in today's Sunday Mail. They can be seen at

<http://www.adelaidenow.com.au/news/opinion/letters-to-the-editor-december-3/news-story/34e00df8f267ccfcef02a81c30a6c3ba> .

Congratulations to Carl Charter on being appointed the Program Manager at Reef Watch.

## **FAREWELL TO ALEX**

Farewell to Alex Gaut who finished working at the Conservation Council of SA at the end of November. We wish Alex all the best & thank her for her considerable support.

## **2018 CALENDARS**

The Australian Marine Conservation Society has a 2018 Amazing Oceans Calendar priced at \$19.95. They say that it “brings the colour and diversity of our oceans to life, with 12 stunning images donated by incredibly talented Australian photographers. Ideal as a gift for friends and family, the calendar will brighten up the home or office all year round.” Visit

<https://www.marineconservation.org.au/products.php/487/amazing-oceans-calendar-2018> for more details.

Reef Life Surveys have produced a 2018 calendar. Each calendar costs \$15 (plus postage.).

The squares are large enough to write brief notes and the page is landscape A4. Visit

<https://t.co/IamyzX3hup> or <https://reeflifesurvey.com/2018-wall-calendar/> to place an order for 2018 calendars.

an ocean diving calendar each year.

There are also the 2018 Ocean Calendar and the 2018 Caves Calendar, said to be “the perfect Xmas presents for the divers in your life”. Calendars are \$25 each plus postage. International postage is \$15 for up to 3 calendars. Email [liz@lizrogersphotography.com](mailto:liz@lizrogersphotography.com) with your order and postage address. Payments by PayPal to [liz@lizrogersphotography.com](mailto:liz@lizrogersphotography.com) or by EFT. Visit <https://www.facebook.com/errbrr/posts/10159408701745262> for more details.

## **SECCHI DISK MARINE MONITORING PROGRAM**

The Friends of Gulf St Vincent have been running the secchi disk marine monitoring program for a few years, tracking changes in water turbidity over time and identifying pollution hotspots. Thanks to the Adelaide & Mt Lofty Ranges NRM, they now have an interactive website that shows trends in marine water clarity over time at 25 sites around the gulf and southern metropolitan coast. You can view this at <http://secchi.org.au/> . The Secchi Disk Project Officer, Melanie Rees has provided us with an article on the project and the website's features. Further details are included in the January issue of our SDSFSA Bulletin.

## **REDUCED MURRAY OUTFLOWS IMPACTING ON SOUTHERN OCEAN**

Researchers from Adelaide University say that reduced outflows from the River Murray are affecting marine life up to 60km out into the Southern Ocean. The researchers have analysed 15 years of satellite images to determine the amount of phytoplankton that floats in the sea outside the Murray Mouth during various flows. Phytoplankton blooms vanished during the last drought, prompting researchers to call for river management plans to include the potential impacts on Southern Ocean ecosystems.

## **SHARK PATROLS**

Aerial shark patrols will be made along the Adelaide metropolitan coastline and Rapid Bay, and between Goolwa & Victor Harbor, until April 2018.

## **“CLEVER BUOY” SHARK DETECTION SYSTEM**

Smart Marine Systems (formerly Shark Mitigation Systems) produce the “Clever Buoy” shark detection system. The system uses sonar technology to create a virtual net to detect sharks and alert authorities and beach users. It is now being adapted for environmental and communication uses. The system was recently adopted for trial in southern California. SMS originally sold those patented camouflage wetsuits to protect swimmers and divers from sharks. SMS are also interested in The Seabin Project in which a pump-based ocean cleaning gadget that floats in marinas catching plastic, fishing line and oil and filtering out clean water.

## **RAYS IN SA**

There are about 630 species of rays worldwide. The most popular species spotted in South Australian waters are the smooth ray, southern eagle ray, southern fiddler ray and coastal stingaree. SA’s marine parks are top spots to see stingrays, especially at Coffin Bay within Thorny Passage Marine Park, Encounter Marine Park and at Neptune Islands Marine Park, as well as the shallow waters of Barker Inlet in the Adelaide Dolphin Sanctuary.

## **STINGRAY STING TREATMENT**

If a stingray accidentally stings you, pour hot water over the sting to ease the pain. If you follow the first aid advice found at <http://www.stjohnnsw.com.au/bites-and-stings-quick-guide/>, you: -

Follow DRSABCD action plan.

Calm patient.

Place patient's stung limb in hot water (as hot as you, the first aider, can tolerate).

Ensure call for ambulance (triple zero, 000) has been made.

Use hot water treatment to the bite or sting of a:

Blue-bottle (Pacific Man-O-War) jellyfish

Bullrout fish

Catfish

Crown-of-Thorns starfish

Stingray

Stonefish

Non-tropical minor jellyfish

## **SUBMARINE AE1 FOUND**

According to the web page found at [www.adelaidenow.com.au/news/national/australian-submarine-that-disappeared-over-100-years-ago-has-been-found/news-story/f4437dcaf469349a37a13026ce6b424f?utm\\_source=The%20Advertiser&utm\\_medium=email&utm\\_campaign=editorial](http://www.adelaidenow.com.au/news/national/australian-submarine-that-disappeared-over-100-years-ago-has-been-found/news-story/f4437dcaf469349a37a13026ce6b424f?utm_source=The%20Advertiser&utm_medium=email&utm_campaign=editorial) , the submarine AE1 has been found off the coast of PNG. The ANMM, the navy, corporate donors and associations conducting a joint project were surveying the area using an AUV equipped with side scan sonar and multibeam echo-sounder. The AE1 had disappeared with 35 men while patrolling the Duke of York Island group in September 1914 at the outbreak of World War I. See also <https://www.msn.com/en-au/news/australia/aust-wwi-submarine-found-after-103-years/ar-BBH5G9E?ocid=spartanntp> .

## **FINES FOR ENTERING ZANONI SITE WITHOUT A PERMIT**

Under recent changes to the Historic Shipwrecks Act, the maximum penalty for entering the Off-Shore Ardrossan Marine Park Sanctuary Zone without a permit has risen from \$1250 to \$10,000. Recent amendments to the act give inspectors the ability to impose \$750 on-the-spot fines. Both the boat owner and the person operating the boat are liable for a fine. DEWNR Acting Maritime Heritage Officer Peta Straiton said it was vital that water users stayed well away from significant wrecks. The Marine Fishers Association Inc. recently issued a “Zanoni reminder for fishers - As the annual snapper closure comes to an end, fishers are being reminded that fines of up to \$10,000 apply for entering the protected zone around the wreck of Zanoni off Ardrossan. Fishing is not allowed inside the Off-Shore Ardrossan Marine Park Sanctuary Zone, and all boats have been excluded from the 550m radius around Zanoni since it was declared a historic wreck in 1983. Department of Environment, Water and Natural Resources Marine Park Compliance Coordinator Andrew Burnell said there would be increased patrols around the wreck over coming months. “DEWNR and PIRSA Fisheries conduct aerial and on-water patrols in the area, and that has resulted in 28 prosecutions for people found fishing in the Zanoni protected zone in the past two years,” Mr Burnell said. “Under recent changes to the Historic Shipwrecks Act, the maximum penalty for entering this zone without a permit has risen from \$1250 to \$10,000, so it’s a significant amount. “Recent amendments to the act give inspectors the ability to impose \$750 on-the-spot fines. “It’s also important to remember that both the boat owner and the person operating the boat are liable for a fine.” DEWNR Acting Maritime Heritage Officer Peta Straiton said it was vital that water users stayed well away from significant wrecks. “Wrecks of this age are very delicate and can be easily damaged by anchors, fishing lines and ropes,” Ms Straiton said. “People have anchored on and near Zanoni in the past, and dragged anchor chains and snagged ropes tearing off pieces of copper sheeting and snapping wooden frames. “One selfish individual even dropped a cement mooring into the middle of the wreck a few years ago, crushing part of the deck and portside bow. “This lovely old ship is the most complete 19th-century composite shipwreck in the state, and possibly the country, but irresponsible water users are gradually destroying it. “It’s extremely disappointing that some people think that a feed of fish is worth more than protecting our irreplaceable maritime heritage.” The Zanoni Historic Shipwreck Protected Zone is 10 nautical miles off Ardrossan, and boating within 550m of GPS coordinate 34° 30’ 43.8” S, 138° 03’ 47.9” E is prohibited. Signs are in place at the Ardrossan boat ramp as a reminder to water users.”

## **SALMON SNORKELLING IN CANADA**

Senior Christine Retschlag recently wrote about snorkelling with salmon in the cold waters of Canada's Campbell River for "The Senior Traveller" (part of "The Senior – South Australia"). It seems that Campbell River is on Vancouver Island, and the water there was just 14°C when Christine was there. She went diving through Destiny River Adventures ([www.destinyriver.com](http://www.destinyriver.com)) who say that their Salmon Snorkelling tours run from mid-July to the end of September. All of the required snorkelling gear is provided for the tours. If, like Christine, you seek adventure (rather than dementia), a Salmon Snorkelling tour through Destiny River Adventures includes a river raft, snorkelling in three pools, jumping off of a 2m-high cliff, Class 2 rapids, etc.. ending at the ocean.

## **NEW CORAL SPECIES DISCOVERED ON GREAT BARRIER REEF**

"A scientific research expedition to the Great Barrier Reef has discovered what's believed to be the first new coral species found in more than 30 years. The discovery was made during 21-day expedition by the non-profit reef research group, Great Barrier Reef Legacy (John Rumney, director). But a global coral expert (Dr Charlie Veron) who was part of that mission warns the reef is still in grave danger and could be gone within 15 years." A 3-minute audio can be heard at <http://www.abc.net.au/radio/programs/am/new-coral-species-discovered-in-endangered-great-barrier-reef/9234592> . Also see <http://www.abc.net.au/news/2017-11-15/major-research-mission-to-save-great-barrier-reef-kicks-off/9150970> .

## **BRIGHTON JETTY CLASSIC**

The Brighton Jetty Classic is being held on Sunday 4<sup>th</sup> February 2018. The Channel 7 Brighton Jetty Classic is South Australia's largest open water swim and street festival. It attracts a field in excess of 1,000 entries for the 1,500m and 400m swims and now includes a 100m family swim, so everyone can be involved. Visit [www.brightonjettyclassic.com](http://www.brightonjettyclassic.com) for more details.

## **CitSciOz18**

CitSciOz18 will be held from February 7-9<sup>th</sup> 2018 in Adelaide. The final keynote speaker has been confirmed as Dr. Alan Finkel, Australia's Chief Scientist. Dr. Finkel is an engineer, neuroscientist, successful entrepreneur and philanthropist with a personal commitment to innovation and commercialisation. He is passionate about communicating the wonders of science. Dr. Finkel completes an exceptional line up of key note speakers.

## **19TH INTERNATIONAL CONFERENCE ON SHELLFISH RESTORATION**

The 19th International Conference on Shellfish Restoration is being held in Adelaide from 19<sup>th</sup> – 21<sup>st</sup> February 2018. This three-day conference will provide a forum that fosters partnerships, initiatives and exchanges of information necessary to further the science and practice of shellfish restoration efforts around the world. Attendees include representatives from the shellfish aquaculture industry, government, academia, NGO, community groups,

practitioners and other restoration supporters. The conference will feature invited speakers, panel sessions, contributed oral and poster sessions and interactive workshops. The schedule will allow for social interactions and collaborations in a relaxed atmosphere.

## **DIVE FOR CANCER**

Next year's Dive for Cancer event is being held at 9.30am on Sunday 25<sup>th</sup> February 2018 at Port Noarlunga – see <https://www.facebook.com/diveforcancer/> or <http://www.diveforcancer.com.au/buy-ticket/>.

## **PARKS & LEISURE AUSTRALIA + RECREATION SA CONFERENCE**

The 2018 Parks & Leisure Australia + Recreation SA Conference is being held on Thursday 7th June 2018.

## **CALENDAR DATES FOR OTHER EVENTS:**

### ADEX 2018

According to page 59 of the January issue of Dive Log, ADEX is being held in Singapore 6-8<sup>th</sup> April. Visit [www.adex.asia](http://www.adex.asia) for more details.

### AIDE 2018

The Australia International Dive Expo is being held at the International Convention Centre in Sydney 2nd to 6<sup>th</sup> August 2018 (in collaboration with the Sydney International Boat Show). Details can be found on pages 24 & 63 of the January issue of Dive Log. Visit [www.australiadiveexpo.com](http://www.australiadiveexpo.com) for more details.

### OZTek2019

OZTek2019 will be held at the International Convention Centre Sydney, Darling Harbour on March 16/17, 2019. Visit [www.oztek.com.au](http://www.oztek.com.au) for more details.

Details for many forthcoming events can be found at <http://www.divelog.net.au/news-events/>. Visit the web page found at <http://www.tourism.sa.com/events/event-news-edition-two.aspx> to see the latest from Events South Australia.

## **SENATE INQUIRY INTO CURRENT & FUTURE IMPACTS OF CLIMATE CHANGE ON MARINE FISHERIES & BIODIVERSITY**

The senate inquiry into current and future impacts of climate change on marine fisheries and biodiversity was released on the 6 December. The review provided recommendations regarding resourcing of research capacity (i.e. IMOS, RV investigator) as well as reiterated some of the recommendations to come out of marine fisheries and aquaculture productivity commission (i.e. recreational licensing, data collection, OCS). Recommendations that are of particular relevance to FRDC include:

- Recommendation 1: The committee recommends that the Australian Government review the funding provided for research into the effects of climate change on the marine

environment and possible adaptation measures to ensure the funding is appropriate for facing the challenges of climate change.

- Recommendation 2: The committee recommends that the Australian Government take a national leadership role in funding and supporting connections between the fishing and aquaculture industry and research organisations to help industry understand and adjust to the effects of climate change.

The full report can be found at:

[https://www.aph.gov.au/Parliamentary\\_Business/Committees/Senate/Environment\\_and\\_Communications/ClimateChangeOceans/Report](https://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Environment_and_Communications/ClimateChangeOceans/Report) .”

## **SDFSFA BULLETIN**

Attached along with this SDF News Sheet is a copy of the latest issue of our SDFSFA Bulletin (an electronic bulletin separate to our normal monthly News Sheet). This issue includes the following items: -

Secchi Disk Marine Monitoring Program

Current and Future Impacts of Climate Change on Marine Fisheries And Biodiversity

New recreational management system needed – report

Future issues of our “SDFSFA Bulletin” will include lengthy articles about matters of interest to recreational divers. We welcome contributions from our readers.

The Scuba Divers Federation of SA ([www.sdfsfa.net](http://www.sdfsfa.net)) is a member of the following: -

RecFishSA (SA Recreational Fishing Advisory Council) <https://recfishsa.org.au/>

SA Trails Coordinating Committee\* <http://www.southaustraliantrails.com/>

\* (Office of Recreation & Sport) <http://www.ors.sa.gov.au/>

Recreation SA <http://recreationsa.org/>

If you wish to be included on the mailing list for this electronic news sheet, contact Steve Reynolds, the Federation’s Secretary, on [info@sdfsfa.net](mailto:info@sdfsfa.net) for more details.

The SDF supports both Reef Watch & DragonSearch

[http://www.conservation.sa.gov.au/reef\\_watch](http://www.conservation.sa.gov.au/reef_watch)

Disclaimer – The opinions expressed by authors of material in this news sheet are not necessarily those of the Federation.