



Surface Interval

February 2012

www.ruc.org.au

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RYDE UNDERWATER CLUB MEMBERSHIP FEES for 2011-2012:

Single \$85 Family Concession \$130 Social \$30

Membership renewals are due 30th June each year.

Pro rata membership fees are available for new members joining during the year.

EMERGENCY & INFORMATION PHONE NUMBERS

Diving Emergency Service (DES) within Australia	1800 088 200
Diving Emergency Service (DES) outside Australia	61 8 8373 5312
Prince of Wales Hospital, Randwick	(02) 9382 3575
Westpac Rescue Service	(02) 9311 3499
Coast Guard Sydney	(02) 9337 5033
Coast Guard Sydney Boating Weather	(02) 9337 5455
Coast Guard Sydney Boating Weather at 6.50 am and at 2 hour intervals	Radio 27 MHz
NSW Maritime Authority - Sydney Boating Weather	(02) 131 236 (opt 3)

IF IN DOUBT - ALWAYS RING 000

BOAT LAUNCHING RAMPS

Map Reference (2003 Editions)

	UBD	Gregory's
Bayview	118 H13	169 B12
Tunks Park	216 H3	316 C3
Kyeemagh	275 C12	404 C12
Gunnamatta Bay	334 P13	493 J13

From the PRESIDENT

Dear Rucites,

Well Christmas has come and gone – again and we are now settled back into our normal routines and have already forgotten all those New Year resolutions we made.

Oh well that's how it goes! Just don't forget the one about doing more dives this year and getting just that bit more involved in your club .

Those who were lucky enough to get away to North Haven over the Christmas break had a great time. Mostly bright sunny days, very little rain (except when setting up camp), however a lot of wind on the water. The end result was that the boat went out to Telegraph Rock 4 times but we managed to only have 1 really successful dive off the Rock and 2 river drift dives. River dives you say, yes – river dives but talk to Simon Smith and he will tell you it was really quite good. The dive off Telegraph Rock we managed to do was actually very good but you will read about it in a dive report soon.

On the Australia Day week-end we had our camping trip to Pt Stephens. It was done at this time of year in an effort to fool the weather (hopefully better than the June long week-end) but again it beat us. We managed 1 dive on the Oakland but with the bad seas & wild wind had to resort to shore dives at both Fly Pt and Halifax Park. As always they did not disappoint even with the very apparent sand problem.(particularly at Halifax). More about that in the forth coming dive reports.

We had very little rain from the Thursday onwards and all that went had a very good time. Thanks must go to Ken Jackson for organising this trip and to Gary & Jane Bronatowski for towing the boat

The boat steering and propeller problems were fixed before we went to Pt Stephens and the boat performed well.

At the February meeting we have Rebecca Mooy coming to our meeting to do a **presentation**. Rebecca works for the Hawkesbury- Nepean Catchment Management Authority and she has kindly agreed to come and talk to us. The presentation is titled **HEALTHY WATERWAYS = better boating, more fish**. The presentation focuses on minimising impacts to aquatic habitat, stopping the spread of aquatic pests, and how people can get involved in looking after the aquatic environment. There are a few case studies that are pretty interesting about pests and lots of info on the Hawkesbury.

Other coming events to mark down include our Annual Treasure hunt on Sunday 18th March (more to follow on that soon) and Blue on Tour 2012 on Friday 23rd March (we have 17 tickets already sold but talk to Natalie McCallum if interested in coming and we will see if any further tickets are available.)

Look forward to seeing you all soon (on the water preferably).

Yours in Diving,

Peter Hardman
President

From the EDITOR desk

A mixed bag for January, some rain and wind followed by good days. Luckily it didn't stop the club from diving ☺.



Rob van der Zalm.
(caretaker)

From the DIVE OFFICER

Dive Officers Spiel, February 2012

R U C ites,

January has been another busy month, trip wise. The planned trip to Port Stephens went off well. Reports of some rain but plenty of wind came back again. The weather up North was actually better than Sydney. It was windy at times and a small amount of rain. Most of the 4 days were quite pleasant and I think everyone had a good time but the boat diving wasn't a big feature of the trip unfortunately due to conditions but the shore dives got a bit of a work out.



Of course the best day was the day we left. It was Sunny, but windy. I few went fishing and the rest shore diving.

Let's see if in the coming months we can get in a lot more diving. Dal's please put your names forward for my calendar.

Ken Jackson,
Dive Officer

Month	Date	Activity	Location	Contact
January	25 – 29	Australia Day Long weekend	Soldiers Point Holiday Park	Ken Jackson
March	23	Blue on Tour	University of Randwick (see Apres Dive for more info)	Natalie McCallum
March		Treasure Hunt	Long Bay	Natalie McCallum

APRES DIVE

Social Officer – Natalie McCallum

Après Dive – Social Report – Natalie McCallum

Camping at North Haven during 26 December to 2 January was enjoyable, great camping, great food, and great company! The campsite where RUC was positioned was away from the crowded mob of tents all merged together with metallic tarp and was situated in a nicer spot near some trees and the bird life was a sing song. We enjoyed many social nights around various tents and used the club BBQ on a few occasions, trying out some local prawns and salmon. It did rain on the first 2 days but otherwise it was very pleasant.

Apart from getting bitten by some spider and inch ants, there were no injuries or tripping over tent pegs! I was showing Bruce Spry an unusual spider close by to the tents when I screamed as one inch ant bit me on my ankle and he mentioned that they inject some venom and rightly so. It felt like a wasp sting only worse so hot water over the area and a lie down n' read method got me back on track pretty quickly. Hope Bruce's ears were okay from the scream!

Diving was no go for two days as the bar looked menacing, however, we did get to go the following day but the "Telegraph Rock" was also no go for we attempted to anchor four times to find the anchor just dragged along. The dive along the river was fun as Bruce Spry dropped Herb, Mal Yeo and myself in along the right hand side of the river some 200 metres away from the bar entrance and soon we were flying along in the current. I couldn't stop laughing and so my mask filled up with water every now and then until I cleared it. After a 100metres I would grab a rock, turn around to see Herb and Mal flying past me! Herb found the front part of a Jet Ski which was handed back to the owner's friend on the boat ramp. Two Jet Skies got into difficulty 2 days prior, one went to save the other who rolled over at the bar and was being smashed by large waves and the run out tide, the other also got rolled over and both skis ended up at Port Macquarie (30km) away! Bruce decided to jump in and rescue some fisherman's \$500 rod that fell into the water (maybe got hooked by some big fish) and after ten mins Bruce popped up with the rod and you should have seen the fisherman 'leg' it, to pick it up!

Thank you to Peter Hardman for organising this trip. Some of us headed back to Sydney to spend New Year Eve in Sydney Harbour. Herb Ilic, Ken Jackson and Rick Trickett took out their boats to watch the awesome fire works on Sydney Harbour Bridge and along the harbour. It was a balmy night, boats everywhere and a few tried to squeeze in between us 3 boats tied together. It was a little challenging heading back to Silverwater Bridge boat ramp at 1am avoiding a few boats that didn't have any lights!! Big thanks to Herb, Ken and Rick for making this a great memorable night.

Coming up:

- **Social BBQ at Port Stephens from 26 January to 28 January**
BYO wine / beer, food and some great tales / dive stories
- **Saturday 11 February – Ferry Pub Crawl**

Start 12 noon from Rydalmere Ferry wharf or at any ferry wharf along the way and stop off at the nearest pub, the Yacht club, en route to the city. From King St Wharf, we will then try out the different beers / ales / lagers at the James Squire pub. We will then hop on to the ferry to Watson's Bay / Manly / Balmain, etc. Friends and Families are welcome and you can choose to hop off at any time or finish at any time. An itinerary will emailed out to you all in the next week.

- **Fri 23 March – Blue on Tour 2012**

An amazing blockbuster documentary that took over 4 years to make, Disney's 'Oceans' will be one of the highlights of the Blue On Tour program scheduled for the Clancy Auditorium, University of NSW, Gate 5, High Street, Randwick

<http://www.blueoceanfilmfestival.org/blueontour.html>

Five great pacific dive trips to be won at this event!! By the way, I attended 4 years ago and won 50% off my dive trip to Lissenung, Papua New Guinea! ☺

Doors open at 6pm

6.30pm bar service begins; finger food snacks and time to get your entries in for free dive trips

8.00pm Official welcome and the event will finish at around 11pm. Not to be missed!

I have made two bookings on behalf of RUC and so if you would like to go please book online www.diveadventures.com.au – tickets are \$17.00 / head.

Other social events happening soon are:

- Treasure Hunt / Social BBQ – March
- Car Rally / Easter Egg hunt with Sausage sizzle – April

Whatever we aim to do – we aim to have some fun ☺ - if you have any suggestions or ideas of what you would like to do please let me know.

Look forward to seeing you all at our next trip – Port Stephens, next week! ☺

WEBSITE OF THE MONTH

Innocent killing: <http://www.couriermail.com.au/news/national/anger-and-tears-as-protected-baby-great-white-shark-bludgeoned-to-death-at-sussex-inlet-in-front-of-children/story-e6freooo-1226243159067>

Diving NSW:

<http://www.smh.com.au/travel/activity/surfing-and-diving/what-lies-beneath-20120126-1qj4l.html>

RUC Fashions

RUC Fashion Clothing is now available through Xpress Promotional Products.

Go to the website – www.xpp.com.au and check out the range available.

You order direct thru Xpress Promotional Products. Choose what you want, specify the size required, delivery method and then make the payment either online through a secure service (which accepts PayPal or Credit Card), or post in a cheque for payment. The site is very easy to use and navigate.

At present we have chosen a range of 7 items, in a navy/red theme. These include a t-shirt and polo shirt in a cool-mesh fabric, a cotton polo shirt, a rugby top, and fleece jackets in half and full zip styles. These are all available embroidered with the RUC Logo on the left breast.

There is also a kit bag which has the RUC Logo embroidered on the front, and can (optionally) have your name on the end (in vinyl lettering).

Prices are indicated on the website.

If you choose to collect your order at a Dive Club Meeting – there is no charge for postage. If you'd prefer to have your order mailed directly to you, there is a \$7.50 charge for postage.

			Ryde Underwater Club: 
Ryde Underwater Club Full Zip Polar Fleece \$45.00	Ryde Underwater Club Half Zip Polar Fleece \$45.00	Ryde Underwater Club Kit Bag \$40.00	
			
Ryde Underwater Club Leisure Rugby Shirt \$40.00	Ryde Underwater Club Cool Mesh Polo \$30.00	Ryde Underwater Club Cool Mesh T Shirt \$20.00	Ryde Underwater Club Poly Cotton Polo \$25.00

Step by step directions:

1. Go to the site: www.xpp.com.au
2. Click on the RUC logo on the LHS
3. Select the item that you would like
4. Choose the size required
5. Add it to your Cart



Product Options					ADD TO YOUR CART >>
Select	Size	Status	Price	Qty	
<input type="checkbox"/>	Small	<input checked="" type="checkbox"/>	\$45.00	0	
<input checked="" type="checkbox"/>	Medium	<input checked="" type="checkbox"/>	\$45.00	1	

This takes you to your cart to view what you have just added.

6. View and check your cart contents. You can go back and select more items, or provide your details, select the delivery option, and then proceed to the checkout to make your payment..



If you have any questions about the items or ordering, please contact Express Promotional Products or Wanda Whittaker.

DIVE REPORT – SHELLY BEACH

John Turnbull

Four of us planned to meet early at Shelly Beach on what promised to be a scorcher here in Sydney; 38 degrees out west. Michael (non-member friend) and I (new RUC member) arrived at 7.30 to find Phil Marino already half ready. We knew Mal Yeo would arrive soon so we busied ourselves mucking around with the failed K-valve on one of my tanks (of course, it didn't fail on the half dozen tests I did last week!). No probs, we soon had tank 2 hooked up and Mal was ready to go.

While Mal and Phil's families enjoyed the early morning swimming, I wandered down to the beach in full kit, wondering what the rocket ship was in front of me – oh, its Michael strapped to his ginormous tank! We decided to take refills off it after the dive. Given that Mal only had half a tank anyway it might come in handy in the water. Can you refill a tank mid-dive? Perhaps a new form of buddy breathing...

Anyway we set off on a falling tide, heading north, and were soon surrounded by the swarms of life that are a feature at Shelly. The usual luderick, blue gropers, hulafish, maori wrasse and so on. I busied myself trying to take photos with my new Sealife camera while Mal patiently pointed out all of the sea life I missed while fiddling with the buttons, including a well-camouflaged dusky flathead. Viz was ok at 4-5m so we kept going. After a while Mal decided to head back so we turned for home, catching a pygmy leatherjacket and a very shy cuttlefish on the way. We completed our dive in 53 mins with a max depth of 9.8m and min water temp of 18 degrees. I'm glad I had my 2-piece 5mm wetsuit – toasty!



Back on shore, Phil generously offered the remaining air in his 15l monster so I could do a second dive with Michael. We chilled over a fine coffee and Christmas cake at the café and chatted with Mal about the club, diving and the price of fish. The beach started to fill up so we decided to check out the underwater wildlife amongst the kelp before it got too busy in the water. Michael and I suited up and headed in for dive 2, this time heading west. We were stunned by the numbers of fish of all shapes and sizes; we counted a total of 29 species afterwards, including senator wrasse, sergeant bakers, toothbrush and six-spined leatherjackets, smooth flutemouths and a huge school of yellowtails that surrounded us. Michael pointed out a blue dragon so I set my camera to macro and managed to take five blurry shots that only hint at anything blue...

Better viz and the approaching low tide meant we were reluctant to turn back, but eventually our dwindling air reserves forced us east again. The highlights of the return trip included a blue dragon, cuttlefish and a spotted wobbegong that was out and about (not hiding its head in a cave) so we took plenty of photos and a bit of video too. Oh, so that's how you make the camera work...

Dive 2 wrapped up at 56 mins with a max depth of 5m and a min temp of 19 degrees. That's close to 2 hours diving out of the 15l tank – bargain! It was a great introduction to the friendly and supportive people at RUC – I'm hooked now and can't wait to share more dives with the club. Thanks guys!

Oh, here's a shot or two...



DIVE REPORT – BARE ISLAND

Diego Molla-Aliod

On Sunday 15 January a group of RUCites and friends went for a dive at Bare Island, La Perouse. The weather was a little dubious and the time a little earlier than usual but it didn't deter some of us, and 7 people showed up at 8 am at the bridge leading to Bare Island: John Turnbull the organiser and cameraman, Tom the local expert and videocam, Phil, Neill, Lori, Nicholas, and I (Diego). The place was a little windy and the sea a little rough on the eastern side so we went to the west side. After negotiating the tricky entry, we all were happily floating on the surface and ready to descend.

Viz wasn't great, about 3 metres at the beginning, and it got down to 2 metres or less in deeper water. But there was a lot to see. First we found an old anchor, about 1 metre in size, and soon we started to see sponges and ascidians along the reef and rocks. It was quite a challenge to keep track of the things and critters to see and still keep close enough to each other. The deeper we went, the better the sponge gardens became, though visibility became worse and it was darker... In several occasions I could only see the light of the Tom's torch through the milky haze in the water.



A large blue groper befriended us and followed us for most of the dive, sure hoping to get a feast of sea urchin? Some of us or other divers in the area must have thought so because at some point I saw a lot of fish feasting on something white and soft.

We went down to 14 metres and we presumably reached near the end of the reef, when it was time to turn back. On the way back I saw even more sea life. I started to see various kinds of nudibranches, though I'm not sure of the names. John and I named them differently, so we need an expert to identify them! I thought I saw a hypselodoris bennetti and several glossodoris angasi but John named them differently: ceratosoma amoena and glossodoris atomarginata respectively [editor: John was right both times]. We also saw a chromodoris splendida and several blue dragons (pteraeolidia ianthina).

There are some photos here:

<http://www.flickr.com/photos/johnwturnbull/sets/72157628975986131/with/6740100259/>



At some point we saw a round colourful blob. I didn't know what it was until the following day, when all divers received an email from Tom pointing a Wikipedia photo of the same sort of thing by Richard; it was a swimming anemone... I didn't know those things exist! [editor; this received 3rd place in last year's photo comp!]

My favourite fish was a tiny fish that I still need to identify. Phil also saw it... first I thought it was a loose orange ascidian, but then I noticed that it was trying to hide among sponges when I got closer to it... a cute, round orange fish with dots. It looked like a tiny boxfish, about 2cm in size.

Tom brought a tiny "hero" videocamera, which he attached to a torch and I hope he filmed the dive... I'm looking forward to seeing the video when it's ready.

Near the end of the dive we encountered more and more divers who were starting their dive. And once we reached the end of the dive, we saw more groups of divers ready to get into the water. It was so good that we started earlier than usual! We avoided all the crowd.

Overall it was a very pleasant dive. There was still a lot to see around other parts of the island, so sure I'll be back. At home I looked at Michael McFadyen's page on Bare Island and it seems that we almost reached the spot where you can find seahorses and pigmy pipehorses... I'll look for them next time.



Extend the range of your diving with courses from TDI/SDI. Email info@.tdisdi.com.au

DIVE REPORT – ROYAL SHEPHERD

Natalie McCallum

Herb & I were desperate for a dive especially after hearing from Bondi Dive Shop about how good the viz and how warm the water was. With Herb working on his boat, Evolution; he never seems to get to dive so we decided that after a trip with Bondi Dive shop that we would go out later in the afternoon of Saturday 21 Jan. The RUC boat, unfortunately, was out of action and so there was no club diving from the RUC boat that weekend.

Well after much anticipation as we had not done the Royal Shepherd before, we set out departing Rose Bay at 3pm and the harbour was calm. Steamed over the "Sponge Gardens" out from the South Head lighthouse and then headed due East before we anchored right next to the boiler of the Royal Shepherd. The wreck was surrounded by clear white sand.

I couldn't wait and so had on my gear in seconds, flipped over and waited for Herb to meet me the other side of the boat before we dropped the anchor line – The viz was awesome – 15 plus metres and the water temperature was 22 degrees.

Landed almost on top of the boiler grinning away and watched Herb check out the anchor to see if secure before we started the dive off at the boiler first before following the propeller shaft, approx 30 metres long, to the propeller. Herb then sidetracks out along the sand to check out some steel cabling and decided to pull some of it up to check it out!

Found some lovely Nudies (*Glossodoris Atromarginata*) – in fact there at least 6 around the propeller shaft and the boiler. We spent some time around the boiler before ending the dive at 22 mins bottom time.

It was a great dive so get in the water, you rubber lovers before winter is upon us! ☺





WET CALENDAR – FEBRUARY 2012

DATE	LOCATION	CODE	DEPTH (approx)	MEETING TIME & PLACE	DIVE ACTIVITY LEADER (DAL)
Sat 4	Long reef	R	20m	8.00am Tunks Park	Herb Ilic
Sun 5	Shelly Beach	S	7m	8:00am at Dive tables	Richard Ling
Sat 11					
Sun 12	Chapel Steps	R	18m	8,00am Tunks Park	
Thu 16	Ryde Eastwood Leagues Club	M		Denistone Room @ 7:30 pm	General Meeting
Sat 18	Maroubra Sharks	R	18m	8.00am Kyeemagh ramp	
Sun 19					
Sat 25	Dal's Choice	R		Tba	
Sun 26					

CODES: C = Commercial Operator M = Meeting N = Night Dive R = RUC Tub S = Shore Dive

FEBRUARY TIDES

		Wednesday 1		Thursday 2		Friday 3		Saturday 4					
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height				
0230	1.40	0333	1.42	0434	1.47	0529	1.55						
0907	0.71	1024	0.67	1129	0.60	1219	0.51						
1448	1.11	1608	1.10	1716	1.13	1810	1.19						
2045	0.65	2151	0.65	2251	0.62	2343	0.56						
Sunday 5		Monday 6		Tuesday 7		Wednesday 8		Thursday 9		Friday 10		Saturday 11	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
0616	1.64	0029	0.49	0113	0.42	0157	0.36	0243	0.32	0330	0.30	0420	0.31
1301	0.42	0700	1.72	0741	1.80	0822	1.84	0904	1.85	0948	1.81	1033	1.73
1854	1.26	1339	0.33	1416	0.26	1453	0.20	1530	0.18	1610	0.19	1650	0.23
		1933	1.34	2014	1.42	2054	1.49	2136	1.56	2220	1.60	2307	1.63
Sunday 12		Monday 13		Tuesday 14		Wednesday 15		Thursday 16		Friday 17		Saturday 18	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
0514	0.35	0612	0.41	0051	1.61	0153	1.59	0303	1.59	0416	1.62	0522	1.68
1122	1.60	1214	1.46	0718	0.47	0834	0.51	0956	0.50	1110	0.45	1211	0.39
1733	0.31	1819	0.40	1315	1.32	1427	1.21	1550	1.18	1707	1.21	1807	1.28
2357	1.63			1914	0.49	2018	0.55	2131	0.58	2243	0.55	2345	0.50
Sunday 19		Monday 20		Tuesday 21		Wednesday 22		Thursday 23		Friday 24		Saturday 25	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
0618	1.73	0038	0.44	0126	0.40	0210	0.38	0250	0.39	0330	0.41	0409	0.45
1300	0.33	0707	1.76	0750	1.77	0830	1.74	0907	1.68	0943	1.60	1016	1.52
1857	1.36	1343	0.29	1420	0.28	1454	0.29	1526	0.32	1556	0.36	1625	0.41
		1940	1.42	2019	1.48	2057	1.51	2132	1.53	2206	1.53	2240	1.53
Sunday 26		Monday 27		Tuesday 28		Wednesday 29							
Time	Height	Time	Height	Time	Height	Time	Height						
0448	0.50	0530	0.55	0617	0.60	0041	1.45						
1051	1.43	1129	1.33	1210	1.24	0713	0.65						
1654	0.47	1727	0.53	1804	0.60	1301	1.16						
2315	1.51	2355	1.48			1851	0.66						

Time in 24 hour clock, height (Ht) in metres above Chart Datum, *red for low tide* and *blue for high tide*.
 Times stated are Australian Eastern Standard Time. During **Daylight Saving Time** (when in force) one hour needs to be added to the times stated.

WET CALENDAR – MARCH 2012

DATE	LOCATION	CODE	DEPTH (approx)	MEETING TIME & PLACE	DIVE ACTIVITY LEADER (DAL)
Sat 3					
Sun 4	Osbourne Shoals	R	24m	8.00am Gunnamatta	
Sat 10	The Valiant	R	28m	8.00am Bayview	Ken Jackson
Sun 11					
Thu 15	Ryde Eastwood Leagues Club	M		Denistone Room @ 7:30 pm	General Meeting
Sat 17	Henry Head		20m	8.00am Kyeemagh Ramp	
Sun 18					
Sat 24					
Sun 25	Shelly Reef	R	18m	8.00am Tunks park	
Sat 31	DAL's Choice	R	???	8.00am	

CODES: C = Commercial Operator M = Meeting N = Night Dive R = RUC Tub S = Shore Dive

MARCH TIDES

														☉ Thursday 1		Friday 2		Saturday 3			
														Time	Height	Time	Height	Time	Height		
														0136	1.42	0241	1.41	0349	1.45		
														0821	0.68	0937	0.67	1045	0.61		
														1407	1.11	1529	1.10	1644	1.14		
														1954	0.71	2108	0.71	2217	0.67		
Sunday 4				Monday 5				Tuesday 6				Wednesday 7				☉ Thursday 8		Friday 9		Saturday 10	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height		
0451	1.52	0543	1.61	0006	0.50	0053	0.40	0141	0.31	0229	0.25	0319	0.22								
1139	0.52	1223	0.42	0629	1.70	0714	1.77	0758	1.81	0844	1.80	0930	1.75								
1739	1.22	1824	1.33	1302	0.32	1341	0.25	1419	0.20	1500	0.18	1540	0.21								
2315	0.59			1905	1.44	1945	1.55	2028	1.66	2111	1.74	2156	1.78								
Sunday 11				Monday 12				Tuesday 13				Wednesday 14				☉ Thursday 15		Friday 16		Saturday 17	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height		
0412	0.23	0507	0.28	0608	0.35	0031	1.71	0135	1.64	0247	1.60	0401	1.59								
1020	1.65	1112	1.53	1208	1.39	0715	0.42	0830	0.47	0945	0.49	1052	0.47								
1623	0.27	1708	0.37	1758	0.47	1311	1.28	1426	1.21	1547	1.21	1657	1.26								
2244	1.79	2335	1.76			1856	0.57	2005	0.63	2123	0.65	2235	0.61								
Sunday 18				Monday 19				Tuesday 20				Wednesday 21				Thursday 22		☉ Friday 23		Saturday 24	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height		
0506	1.61	0600	1.63	0030	0.50	0114	0.45	0155	0.43	0232	0.42	0310	0.42								
1147	0.43	1232	0.40	0645	1.64	0727	1.63	0804	1.60	0840	1.55	0915	1.50								
1751	1.34	1837	1.43	1311	0.38	1345	0.37	1416	0.38	1445	0.40	1515	0.44								
2337	0.55			1916	1.50	1953	1.56	2027	1.60	2059	1.63	2130	1.64								
Sunday 25				Monday 26				Tuesday 27				Wednesday 28				Thursday 29		Friday 30		☉ Saturday 31	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height		
0346	0.44	0425	0.47	0506	0.52	0550	0.56	0000	1.53	0051	1.48	0153	1.46								
0949	1.44	1026	1.38	1104	1.31	1146	1.24	0642	0.61	0743	0.64	0850	0.64								
1544	0.48	1614	0.53	1647	0.59	1726	0.65	1236	1.18	1337	1.15	1450	1.15								
2203	1.64	2238	1.62	2316	1.58			1813	0.71	1912	0.75	2026	0.76								

Time in 24 hour clock, height (Ht) in metres above Chart Datum, *red for low tide* and *blue for high tide*.

Times stated are Australian Eastern Standard Time. During **Daylight Saving Time** (when in force) one hour needs to be added to the times stated.

YOUR COMMITTEE

PRESIDENT

Peter Hardman
president@ruc.org.au

SECRETARY

Susan Gay
secretary@ruc.org.au

TREASURER

Diego Molla-Aliod
treasurer@ruc.org.au

DIVE OFFICER

Ken Jackson
dive@ruc.org.au

EQUIPMENT OFFICER

Paul Quinn
equipment@ruc.org.au

MAGAZINE EDITOR

editor@ruc.org.au

SOCIAL OFFICER

Natalie McCallum
social@ruc.org.au

WEB MASTER

Aria Lee
rucwebmaster@ruc.org.au

MEMBER ONLY CONTACTS

Email Groups:

All Members: ruc01@yahoo.com
Committee: rucom@yahoo.com

Yahoogroups:

ruc01: <http://groups.yahoo.com/group/ruc01/>
rucom: <http://groups.yahoo.com/group/rucom/>

CONTRIBUTE TO SURFACE INTERVAL

Regardless of whether you have been on an exciting dive lately or just been surfing on the internet, if there is something you would like to share with your fellow club members, why not contribute to the next edition of Surface Interval.

Just e-mail your contribution to the editor either as an attachment, or in the body of the message. A page is around 1,000 words and the closer you get to that (or 500 for a ½ pager), the better. There's a word count function in MS Word under the "tools" pull-down menu, which does the job for you.

Remember articles submitted may be posted to the Club's website.

SURFACE INTERVAL DEADLINE

The deadline for each issue of Surface Interval is the third Wednesday of the preceding month. That means

The deadline for the March edition is 25th February.



Frog Dive Scuba Centres

395 Guildford Road, Guildford

9892-3422

539 Willoughby Road, Willoughby

9958-5699



Our members have a common interest in SCUBA diving. Dives are organised and conducted nearly every weekend around Sydney using the club boat and sometimes boats owned by club members.

Our club also organises weekend and holiday trips to interesting dive locations north and south of Sydney. A variety of social activities are organised throughout the year for members and their families.

Our club conducts meetings at **7.30 pm** on the **3rd Thursday** of each month at:

Ryde-Eastwood Leagues Club
117 Ryedale Road, West Ryde

New members are always welcome to attend our meetings and join in with our activities.

RYDE UNDERWATER CLUB INC.

PO Box 144 West Ryde NSW 1685

Website: <http://www.ruc.org.au>

Email: info@ruc.org.au

Ph: 0422 504 553