



Surface Interval

September 2010

www.ruc.org.au

CONTENTS

FROM THE PRESIDENT	3
FROM THE EDITOR	3
FROM THE DIVE OFFICER	3
WEBSITE OF THE MONTH	3
DIVE REPORT - CALIFORNIA	5
DIVE REPORT - HENRI HEAD PART I	9
DIVE REPORT – FAIRY BOWER	10
WET CALENDAR AND TIDES FOR SEPTEMBER	12
WET CALENDAR AND TIDES FOR OCTOBER	13
CONTACTS	14

RYDE UNDERWATER CLUB MEMBERSHIP FEES for 2010-2011:

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

Hi Rucites

Spring is finally here. I just wish the good weather was here also. Such is a divers lament!

A few hardy members of the club have just come back from a great long week-end down in the snow at Smiggings Holes. Unfortunately the weather was not kind to us, again. Whilst Thursday & Friday were great days for skiing, Saturday & Sunday were not with a lot of wind and rain making life difficult and skiing even harder. Thank heavens for "Texas Hold'em Poker". Whilst the weather was not great I would do it all again next week-end if I thought I could. But more on that later with a proper DAL report.

I would like to take this chance to thank Peter and Sean from Spot-A- Shark for their time at the last meeting in keeping us up to date on his project. It's great that people really do get involved with projects such as this instead of just sitting back as it is so easy to do and just let things happen.

It's also time to say goodbye to Natalie McCallum who has decided to move back and join Herb in Queensland. Knowing Natalie however I'm sure we will still see a lot of her and of course Herb (who has just become of our latest new members.) Unfortunately this leave the position of Social Officer vacant. What we need is a new social butterfly to take on this very demanding position, so come on put your hand up. We need your help & support now.

The October long week-end approaches. We have decided to go to Jervis Bay and have found accommodation at Jervis Bay Divers Lodge on the foreshores of St Georges basin 10 minutes from Husky. Check out the site at: <http://www.divejervisbay.com/accommodation> It's a 3 bedroom house that takes up to 20 people with bunk style accommodation of 4-5 beds per room but at \$40.00 per person per night it's certainly worth a try. Numbers are filling up quick so hurry. I also need a boat tower so please let me know if you can help. Being shared accommodation there are 2 other people booked into the lodge at present whom we do not know but I suppose we will get to know them pretty quickly.

Last but not least Christmas is fast approaching. We have tentatively booked 10 sites at Currarong Caravan park from the 26th December to 2nd January 2011 but I need to know numbers of sites required as I must confirm numbers by early October. Its always a great event so let me know if you wish to come or else you may miss out on a great holiday away.

See you on the water.

Peter Hardman
President

From the EDITOR

A couple of dives this month for me. 15 degrees Celsius seemed to be the common factor. The first was a boat dive were the seas were too rough to go out and we dived Botany Bay in a current. The second was a shore dive in a dead flat ocean, just one week later. Another week and I was diving the Pipeline and Fly Point at Port Stephens. Live is good.



Rob van der Zalm.

From the DIVE OFFICER

Dive Officers Spiel, September 2010

Divers.

This month's diving has averaged out at every second weekend. I went on Wanda's dive, but we couldn't get to the sharks and ended up at Henry head at the mouth to the bay. The dive could have been good if the vis was better, but a pleasant dive anyway. Morning tea sitting off a beautiful beach out of the wind was fantastic. Bruce Spry had a group of divers out in Sydney waters at the end of the month. Winter still brings the best visibility.



Hopefully the weather is going to get warmer and maybe some more dives will be done.

Ken Jackson
Dive Officer

	Date	Activity	Location	Contact
October	2 nd – 4 th	October Long weekend	Sydney Dives	Ken Jackson
December		Christmas Holiday Break	Currarong	Peter Hardman

WEBSITE OF THE MONTH

Ryde Underwater Club wear: http://www.xpp.com.au/29/kitz_range.php

WARNING! GRAPHIC BOATING PHOTO!
THIS IS A PICTURE OF A MAN WITH JUST SECONDS LEFT TO LIVE (FRIGHTENING !)



DIVE REPORT - CALIFORNIA

Richard Ling

On 30/31 July 2010 I had the opportunity to do 2 days' diving on the Channel Islands of California, a scattered group of large islands all within about 100 miles of Los Angeles. I've always wanted to dive among the famous giant kelp that grows there, home to many seals and occasionally great whites.



It was high summer in the US, but overall the weather in California was much cooler than I was expecting... around 20°C, with cool breezes blowing in off the ocean. During the lead-up to the diving (aka the "business trip") I spent most days in downtown Los Angeles in jeans and a light jacket and sadly left my stock of T-shirts back at the hotel.

I dived out of Ventura, a town close to the northernmost islands. It's about 2 hours by a comfortable train from Los Angeles. The boat is a large liveaboard, spartan and functional, with a slight aroma of chilli ;-). About what you'd expect of a boat that used to service oil rigs. The dive deck has plenty of room, much better than some liveaboards I've been on!

At 7am on the first day we motored out to Anacapa, the nearest island, about 15 miles offshore. On the way we passed common dolphins, seabirds, and oil rigs. We arrived at the east end of Anacapa with its spectacular arch and pinnacles covered in nesting seabirds. It's quite a sight! I also got my first look at the giant kelp I'd come to see. It can grow 50cm a day, growing from 40 metres down all the way to the surface, and grew so thickly in places the boat had to push its way through.



The first dive site was the Goldfish Bowl, a shallow site of around 12m, like most sites round the island. It's apparently known for giant sea bass, which get to about 250kg. There were sea lions playing around on the surface as we geared up. Giant stride off the side and, brrrr... the water is only about 14°C, even in summer! Luckily I remembered to pack my drysuit.

I got my first close-up look at the giant kelp as we headed for the bottom. I was so distracted I touched down pretty much right on top of a big sheep crab. I had no sooner recovered from this than a huge orange damselfish about a foot long flew out from under a rock ledge like a comet and set about attacking my fins. At the same time something big, red and black and with obvious teeth began making close-up passes of my mask. About this time I decided all Californian sea creatures had had it in for me since the moment I got off the plane. It turns out that the orange fish is a garibaldi, the state fish of California, which was protecting its territory as damselfish do; and the red and black wrasse is a sheephead, which basically fills the same ecological role as a blue groper – eating sea urchins, greeting divers, begging for handouts, and so on. It was just being friendly. And the sheep crab was just a sheep crab. I'm still not sure why so many Californian sea creatures are named after sheep.



Giant kelp, garibaldi, sheephead

The advertised giant sea bass didn't co-operate, nor did the seals, but there were plenty of other residents to see and the kelp forest itself was just magical. Time flew by and after 45 minutes in the cold water my buddies were done. Back on the boat divers were availing themselves of the large hot tub on the back deck, definitely the best innovation I've seen on a dive boat.

Next dive was a "wall dive" but I don't think I saw any wall -- getting in close to shore was impossible with all the thick kelp in the way -- it's good at snagging fins! We satisfied ourselves following a depth contour at around 7m that led over and around some interesting boulders. Plenty macro life -- sea hares, hermit crabs and sea stars clearly related to Australian species, but also clearly different. One buddy spotted a Spanish shawl (*Flabellina iodinea*) on the sand and seemed pretty chuffed. I thought it was stunning, later I found they're as common as dirt round Anacapa! The warty sea cucumbers were totally new, there's nothing like them round here. It was during this dive that I suddenly realised by strobe was no longer working.



Spanish shawl, blue-banded goby, warty sea cucumber

Lunch was spicy fried chicken and rice, really delicious, but about twice what I could eat. I fiddled with my strobe, the battery compartment was dry but still it was dead.... sigh. I got chatting to a local photographer who was quite knowledgeable. We skimmed through our photos and he rattled off fish names while I scribbled them down.

On the third and final dive of the day we drifted through immense cathedrals of giant kelp which closed overhead giving the light an eerie green tinge. I discovered that giant kelp is very

photogenic, though I could have used some clearer water and sunshine to get those famous sun-shining-through-the-kelp shots. Again the dive was shorter than I'm used to at 45 mins but I was grateful as the cold was biting even through my drysuit. Don't know how my buddies managed in 7mm wetties, must be made of sterner stuff. One was Canadian so that probably helped. Everyone groans when I mention that the water off Sydney is warmer than this even in winter.



Giant kelp, more giant kelp, and a seniorita wrasse (and giant kelp)

We were spending the night back at Ventura harbor, and as we passed the oil rigs on the way back to Ventura and the subject of the oil spill came up. I couldn't imagine the islands I had just seen, with their birds, seals, and other life, covered in oil.

Next day we motored out to Santa Cruz island, further than Anacapa. The cook is working 110% cooking bacon and egg rolls. Greg the divemaster appears to have stepped out of a time warp from a 1960s surfing film. He's a dead ringer for Fabio and calls everyone "duuuuude".

The first dive was a tall underwater pinnacle with many overhangs and swim-throughs, down to 20m... fairly deep for the area. I buddied up with Dave, a Californian native and we moved slowly, Dave taking photos while I took video. There were many different scorpionfish as well as the intriguingly named treefish, painted greenling, and kelpfish. Spanish shawls were also very common, I almost got sick of seeing them! Plenty other invertebrates of course, including giant sea stars literally in heaps. We surfaced well past 60 minutes and I was very satisfied.



Painted greenling, giant sea star (not in a heap), and a cheesy treefish grin

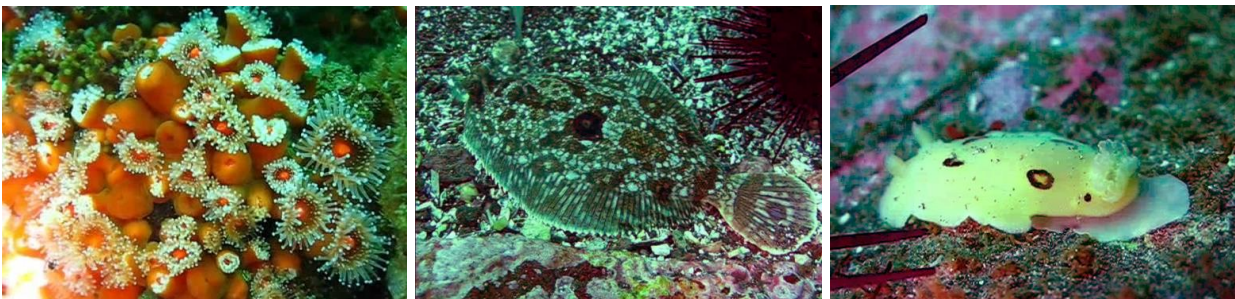
I'd barely got the drysuit off for an important pit stop :-)) before it was time to put it on again. Dave and I explored a thick kelp forest with its eerie green light and grasping stems, becoming thoroughly entangled and thoroughly lost on more than one occasion. The kelp really does completely block out the light in places, almost like a night dive. Dave photographed indignant garibaldi brooding their eggs, and we found a big pile of purple sea hares having an orgy, but the highlight for me was a tiny juvenile California horn shark, an relative of the Port Jackson but quite a bit smaller and, I might say, with cuter spots.



Indignant garibaldi, sea hare faceoff, California horn shark

Lunch was "tri-tip" with potatoes -- much anticipated by all on board, and a total mystery for me, though it turns out to be steak with a chilli seasoning. As we motored to the third site, the sun broke through for the first time in the two days. What a pity it was gone again within the hour.

The third site was quite a change in that it is a bare deep rocky reef with no kelp, starting at 20m. I spent almost the whole hour's dive creeping along at that depth as I was so taken by the invertebrate life around the base. There were masses of brittle stars out and about, tube anemones, a nudibranch with several small black circles on its back (*Diaulula sandiegensis*), a flounder with what appeared to be a keyhole on its side (the interestingly named C-O flounder), several shells containing live molluscs or hermit crabs, and beautiful jewel anemones. Small purple urchins were ubiquitous in the cracks and crevices in the rock.



Jewel anemones, C-O flounder, *Diaulula sandiegensis*

After this dive my computer read 18 hours of no-fly time, and as I had a flight at midday the next day I decided to call it quits. I broke down my gear and packed up at a leisurely pace while others enjoyed the fourth dive of the day, and by the time the boat left Anacapa my gear was nearly dry and I was reviewing video and browsing the boat's library of ID books.

Overall I was very satisfied with my 2 days' diving, the skipper and crew were knowledgeable and helpful. All they really needed was some sunshine (it's supposed to be summer!) and possibly some enormous water heating systems on the islands.



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

DIVE REPORT – HENRI HEAD (15 AUGUST)

Ken Jackson

Depth; 20m **Vis;** 5m **Weather;** sunny-NW wind-20knts, NE swell 1m

The plan was to dive the Sharks at Maroubra. Four divers met at the boat ramp at 8am. Unfortunately one was having difficulty with his sinuses and opted out, so the 3 divers remaining- Wanda, Rob and myself got kitted up and launched the boat. Heading into the bay we could see some dark clouds off the coast, but we headed into the bay and east. The clouds didn't come too much, disappearing quickly. The Bay was very flat until almost at the heads, where a slight chop was encountered.

The conditions looked good so far and we continued. Once out in the sea it had become a little choppy with about a 1m swell coming from the North-East. The sharks are positioned on the Northern side of the Southern point at Maroubra, so the swell would be rolling straight into the rocks, making it a bit unpleasant to dive. After discussions we decided that the Southern side of the Northern headland of Botany Bay or Henry head would be a good option. Using the GPS and sounder we picked up the reef there. It went from about 15m to 20m onto a sandy – rocky bottom. The sea at this point was quite flat with a slight NE wind. As there was an incoming tide there was a slight current running into the bay also. We anchored and hit the water. The vis was not looking too good at this point but we descended and positioned the anchor safely and swam into the current using a return line. The bottom was very dramatic with flat areas of rock and then some gullies/splits in the rock to drop-offs and even a few swim-throughs.

I had decided not to take my camera on this dive due to not feeling the best the night before and thinking I may not dive. On the morning I felt fine but had no time to set up the camera. It would seem to be a good decision giving the visibility.

There didn't seem to be a lot of fishes besides a rather large blue grouper, but he seemed to keep his distance. Both Wanda and Rob had their cameras but only Rob was seen flashing away and reported a few shots of nudibranch which are his favourite.



Eventually the cold temp (15c) and a massive reduction of available air got the better of us, still about 40 min bottom time and we were back at the anchor line. After a closer look around the anchor area we ascended to our customary 5 at 5 safety stop and we climbed aboard the boat. The wind had increased in strength possibly to the forecast 20 knots so we pulled anchor and headed into the bay.

Wanda informed us that she had coffee and cake so we snook inside of Bare Island out of the wind and had a coffee break a few metres off a beautiful yellow sandy beach. This was surely paradise, for 40 mins anyway. Refreshed we set off into the wind, feeling we should duck from the low flying planes as we passed the runway back to the boat ramp.

After stowing all equipment on the boat we headed home. As we left the ramp a few spots of rain hit the windscreen. Back at Clintons place in Eastwood he informed us of the hail storm that had hit parts of Sydney, but we didn't see them, a few spots of rain was all. Not the best dive I've had but quite enjoyable anyway, and one I would like to do again in better vis.



Surface Interval



DIVE REPORT – FAIRY BOWER (22 AUGUST)

Diego Molla-Aliod

Fairy Bower is one of my favourite dive sites because of its ease of access, protected waters, shallow depth and abundant marine life...



Though often it is so crowded with so many swimmers, snorkelers, boats and other divers. I learned about this site before I took my scuba lessons, when I swam over it during ocean-swim races from Manly beach to Shelley beach and back to Manly beach. During those swims, between breath and breath, I discovered its rich sea life and its many scuba divers, and I wished I would be one of those divers one day. That was a couple of years ago. I finally got the diving license, and this was one of my first dive spots. Since then I have dived this spot more frequently than any other spot (the other frequent spot is just a few metres away, on the other side of Shelly beach).

This time the dive was a little different. It was a beautiful winter day, and for a change there were virtually no other divers. So the place was (almost) entirely for Richard, Rob and I. The sea was calm, and the dive was promising. We entered the water at 9:00 am, and soon Rob and I felt the cold water rising through our legs. Richard, with little empathy for us (he was wearing a dry suit), quickly entered the water and started snorkelling. Just as he started he pointed us to a small squid. The squid didn't seem to pay attention to us, and Richard and Rob started aiming their cameras. Soon a small wrasse joined us and started showing interest in the squid. After a couple of circles around it, it got closer, and tentatively tasted it once, two, three times. The squid didn't do much to escape, but luckily for the squid the wrasse gave up, perhaps there were too many spectators watching the show?



The dive continued, slowly, along the edge of the shallow reef. The water was colder than I expected, my computer registered 15 to 16 degrees Celsius. Visibility was average for this site, about 8 metres, somewhat disappointingly for a winter's dive. Early in the dive we saw a giant cuttlefish which swam across just in front of us, totally ignoring us, and then it started circling us until it disappeared.

Later we saw another giant cuttlefish, this time trying to blend in colour and shape with the rocks at the bottom of the reef. Several wobbegongs were doing their usual stuff, that is, resting on the rocks and doing nothing. Except that some were tagged with a yellow tube.



Soon I saw Rob paying attention to a spot in a rock, and there I discovered a small nudibranch (ask him if you want to know its name!). (Editor: *Chromodoris thompsoni*)

We entered deeper water (by deeper I meant down to a whooping 6 metres), and colder. At some point the thermometer registered 14.5 degrees, and I started to feel really cold.

We reached a section with sea grass and sponges and we were surrounded by a large school of yellowtail scats. A stingray was lying on the grass. With the cold I started to feel the urge to clear my bladder, and I wished we would go back to shore. At that point the buddies turned back, what a relief.

On the way back I saw a Port Jackson swimming past, followed by scats who seemed to be mobbing it...? After the dive Rob mentioned a documentary that he saw about this type of behaviour. Some fish which were normally prey of sharks, sometimes would tail them and scratch their skin on a shark skin to clean themselves from parasites. We saw that action happen in front of our eyes.

Rob also mentioned that he saw cleaning fish doing their job and he pointed that to me at some point under water. I think when he pointed it to me I didn't know what he meant and I didn't notice them... it will have to be another time.



On the way back we also saw a pair of Flutemouths, above us, near the surface.



My urge to go to the loo increased, but the water was so cold and my wetsuit was so tight that there was no way I could do it in the water... in a sense it was a relief, I didn't need to hold it, simply nothing came out.

I encountered some familiar rock fishes, who hadn't moved an inch from their original position during the first part of our dive, and Rob told me later that he saw the little squid again as he was about to leave the water.

In total the dive lasted 83 minutes... this was my longest and coldest dive! I still had plenty of air left but the only thing I wanted to do was go to the gents.

As we were relaxing we saw the usual hordes of scuba divers from the local dive shops, it seems that in winter they come later. We just sat at the beach cafe, enjoying the sun, sipping a cappuccino and then a cup of hot chocolate. A perfect ending for the dive.



WET CALENDAR – SEPTEMBER 2010

DATE	LOCATION	CODE	DEPTH (approx)	MEETING TIME & PLACE	DIVE ACTIVITY LEADER (DAL)
Sat 4	Osbourne Shoals	R	20m	8.00 @ Gunnamatta	
Sun 5	Gordon's Bay	S	12m	8.00 @ Clovelly car park	Richard Ling
Sun 12	Chowder Bay Shore dive	S	8m	10am Meet Chowder bay	Aria Lee
Thu 16	Ryde Eastwood Leagues Club	M		Denistone Room @ 7:30 pm	General Meeting
Sat 18	SS Hilda	R	18m	Gunnamatta bay	Bruce Spry
Sun 19	Shore Dive	S		Destination Tba	Richard Ling
Sun 26	The Sharks	R	14m	8.00am Kyeemagh	Wanda Whittaker

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

SEPTEMBER TIDES

		Wed 1		Thu 2		Fri 3		Sat 4					
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht				
0028	1.16	0133	1.09	0253	1.07	0414	1.12						
0623	0.56	0721	0.60	0834	0.60	0949	0.55						
1305	1.44	1409	1.45	1520	1.51	1629	1.60						
1945	0.60	2105	0.57	2219	0.49	2319	0.37						
Sun 5		Mon 6		Tue 7		Wed 8		Thu 9		Fri 10		Sat 11	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0517	1.22	0011	0.24	0058	0.14	0142	0.08	0225	0.06	0307	0.09	0349	0.17
1055	0.46	0611	1.34	0700	1.46	0746	1.58	0833	1.67	0920	1.73	1008	1.75
1728	1.72	1154	0.35	1248	0.24	1343	0.17	1436	0.13	1530	0.14	1626	0.19
		1821	1.83	1912	1.89	2001	1.89	2051	1.82	2141	1.70	2231	1.54
Sun 12		Mon 13		Tue 14		Wed 15		Thu 16		Fri 17		Sat 18	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0432	0.27	0516	0.39	0020	1.22	0123	1.11	0238	1.06	0355	1.07	0456	1.13
1057	1.72	1147	1.66	0604	0.50	0700	0.59	0806	0.65	0919	0.66	1026	0.62
1723	0.28	1825	0.38	1242	1.58	1344	1.50	1453	1.45	1603	1.44	1700	1.46
2324	1.38			1933	0.46	2046	0.52	2158	0.53	2257	0.50	2343	0.46
Sun 19		Mon 20		Tue 21		Wed 22		Thu 23		Fri 24		Sat 25	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0543	1.20	0021	0.41	0054	0.37	0124	0.34	0152	0.32	0220	0.33	0248	0.34
1121	0.56	0622	1.28	0657	1.36	0729	1.42	0800	1.48	0831	1.53	0904	1.57
1747	1.49	1208	0.50	1248	0.45	1326	0.40	1402	0.37	1439	0.36	1516	0.36
		1828	1.52	1903	1.54	1937	1.54	2011	1.52	2045	1.48	2119	1.42
Sun 26		Mon 27		Tue 28		Wed 29		Thu 30					
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht				
0318	0.37	0350	0.42	0426	0.47	0506	0.52	0016	1.14				
0938	1.59	1015	1.59	1055	1.57	1141	1.53	0556	0.58				
1556	0.37	1639	0.41	1726	0.45	1820	0.49	1235	1.50				
2157	1.36	2237	1.28	2322	1.21			1927	0.51				

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 – OCTOBER 2010

DATE	LOCATION	CODE	DEPTH (approx)	MEETING TIME & PLACE	DIVE ACTIVITY LEADER (DAL)
Sat 2	DAL's Choice				
Sun 3	The Duckenfield	R	24m	8.00am Tunks Pk	
Mon 4 PH	Shelly Reef	R`	20m	8.00am Tunks Pk	
Sun 10	The Colours	R	26m	8.00am Tunks Pk	
Sat 16	Dee Why Wide	R	26m	8.00am Tunks Pk	
Thu 21	Ryde Eastwood Leagues Club	M		Denistone Room @ 7:30 pm	General Meeting
Sun 24	Minmi Trench	R	20m	8.00am Kyeemagh	
Sat 30	Thursday Reef	R	22m	8.00am Tunks Pk	Ken Jackson

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

OCTOBER TIDES

Sun 31								☉ Fri 1		Sat 2			
Time	Ht							Time	Ht	Time	Ht		
0225	1.21							0123	1.10	0241	1.11		
0801	0.60							0700	0.61	0815	0.61		
1427	1.54							1340	1.49	1453	1.52		
2116	0.36							2041	0.48	2149	0.41		
Sun 3		Mon 4		Tue 5		Wed 6		Thu 7		☉ Fri 8		Sat 9	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0355	1.19	0456	1.31	0547	1.45	0024	0.16	0108	0.13	0151	0.14	0233	0.19
0933	0.55	1041	0.45	1142	0.33	0635	1.59	0722	1.71	0808	1.80	0855	1.84
1603	1.59	1704	1.67	1800	1.72	1238	0.23	1332	0.15	1427	0.12	1519	0.13
2247	0.32	2338	0.23			1851	1.74	1942	1.71	2032	1.63	2123	1.52
Sun 10		Mon 11		Tue 12		Wed 13		Thu 14		☉ Fri 15		Sat 16	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0316	0.27	0400	0.37	0445	0.47	0001	1.18	0100	1.12	0207	1.09	0315	1.12
0942	1.84	1029	1.79	1117	1.70	0532	0.57	0628	0.64	0732	0.69	0844	0.70
1614	0.18	1708	0.26	1805	0.36	1208	1.59	1304	1.49	1408	1.41	1515	1.37
2215	1.40	2307	1.28			1905	0.44	2009	0.50	2110	0.53	2204	0.52
Sun 17		Mon 18		Tue 19		Wed 20		Thu 21		Fri 22		☉ Sat 23	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0414	1.18	0502	1.26	0543	1.35	0005	0.41	0038	0.39	0109	0.38	0139	0.38
0952	0.67	1052	0.61	1143	0.55	0619	1.43	0654	1.51	0727	1.59	0800	1.64
1615	1.37	1706	1.39	1749	1.41	1227	0.48	1307	0.42	1345	0.37	1423	0.34
2250	0.49	2330	0.45			1830	1.43	1906	1.43	1944	1.41	2021	1.39
Sun 24		Mon 25		Tue 26		Wed 27		Thu 28		Fri 29		☉ Sat 30	
Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht	Time	Ht
0211	0.39	0245	0.42	0321	0.45	0402	0.49	0448	0.54	0011	1.18	0115	1.17
0834	1.69	0911	1.71	0950	1.71	1033	1.68	1121	1.64	0544	0.58	0648	0.61
1501	0.32	1542	0.32	1626	0.34	1715	0.37	1809	0.40	1215	1.60	1317	1.56
2100	1.35	2141	1.31	2225	1.26	2315	1.22			1910	0.41	2015	0.40

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

Wanda Whittaker
secretary@ruc.org.au

TREASURER

Richard Ling
treasurer@ruc.org.au

DIVE OFFICER

Ken Jackson
dive@ruc.org.au

EQUIPMENT OFFICER

equipment@ruc.org.au

MAGAZINE EDITOR

Rob van der Zalm
editor@ruc.org.au

SOCIAL OFFICER

social@ruc.org.au

WEB MASTER

Andrew Weeks
rucwebmaster@ruc.org.au

MEMBER ONLY CONTACTS

Email Groups:

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

Yahogroups:

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 October edition is 25th September.



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