



Autumn (Mar) 2024

Surfacing Interval

www.ruc.org.au

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President's Report Autumn 2024

Greeting RUCItes,

The year is now 2 months in and diving is at its peak. Pity the weather is so ordinary but we need to take opportunities where we can. The first Committee of the year reviewed the Dive Calendar and made a few changes to input dives requested by members. This is important as this is a club for members and it's important that we do what members want. We've added some slightly deeper dives up to 30 metres to give a chance to increase member experience. Check these out on the dive calendar.

Several members are heading west to Exmouth in May to seek out the Whale Sharks so we are adding variety to the type of diving the Club is doing. Lots of shore dives are scheduled on the calendar and there are monthly boat dives to satisfy those wanting to get offshore. So heaps to do.

The social Calendar is also included in the Dive Calendar so keep an eye on that.

It's important for the committee to know what you want to do so we can schedule these activities in our planning (Dive Calendar). This leads to the communications methods we currently use. In the past we have relied on meetings and hard copy newsletters to communicate with members. We no longer use hard copies but we do still have electronic newsletters published quarterly. These are now more a reflection of what has occurred rather than what we are going to do. Email has been our primary source of communication with members for a long time but we now use WhatsApp as well. Note that we also have a web page and Instagram page which are more outward facing to show those outside the Club what we are about. To keep in touch, keep an eye on WhatsApp and emails so you know what's happening.

A big thanks to Neil for putting his hand up to take over as Newsletter Editor. It's great to have some new vision on the committee. If you have articles or photos you would like to see in print please send it to Neil.

Best Wishes for 2024 to all our members and let's have some fun diving.

Cheers

Bruce Spry

Keep getting wet.

Bruce Spry
President

Editor's Cut Autumn 2024

Welcome to our Autumn Edition of RUC Surface Interval!

Yes, a new editor. Hi there.

A recent recruit thanks to hounding from Brett. Recently got back into diving after a long absence. Managed to get wet in Port Douglas, Perth, PNG, Dubai and Egypt some time ago.

Wow !! Autumn already, Christmas, New year's and a dodgy summer have gone.

But, of course, diving happened. Gordons Bay, Little Manly and a wreck dive some reports and pics are here for your reading pleasure.

Apologies for any omissions in some details.

As with my predecessors drop my any articles, diving reports or would like to share anything diving related and they'll get dropped into the next issue.

Happy reading!

Neil
Editor



Frog Dive Scuba Centre

539 Willoughby Road, Willoughby
9958-5699

Support the store that supports us!

Social Report

May be a bit late on this (my apologies, Ed) but Saturday 9th March is the Ocean Film Festival.

<https://oceanfilmfestivalaustralia.com.au/>

As mentioned, you also need to start planning/booking for the June Long weekend in Nelson Bay. This year the King's Birthday long weekend is from Friday 7th June to Monday 10 June. We will have morning tides so it will be great for shore diving at Fly Point and Halifax.

We normally stay in units around Intrepid Close. Book you own accommodation.

<https://www.winningholidays.com.au/destinations/nelson-bay>

<https://www.nelsonbayaccommodation.com.au/about/>

WET CALENDAR – December 2023				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result
Sat 2	Christmas Party	Brett Houlton	TBA	2023 Photo winner announced
Sun 3	Sydney Shore Dive	Wayne Pielak	Freshwater / 12m	
Sat 9/Sun 10	Club Boat	Ken Jackson	Royal Shepard / 28m	Working Bee. Members attended.
Sat 16/Sun 17	Sydney Shore Dive	Brett Holton	Gordon's Bay / 12m	Mal, Bruce, Jeannene, Michael and Richard. Dive support Ken, Susan, Linda, Anne and Ross
Thu 21	Club Xmas Meeting	Bruce Spry	West Ryde Hotel	
Tue 26–Tue 1	Club Christmas Trip	Peter Hardman – RUC Dive Trip Co-ordinator	Moruya Heads	

WET CALENDAR – January 2024				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result
Sat 6/Sun 7	Sydney Shore Dive	Wayne Pielak	Parsley Bay	
Sat 13/Sun 14	Club Boat Dive	Bruce Spry	Magic Point / 18m	
Sat 20/Sun 21	Sydney Shore Dive	Diego Molla	Little Manly Cove / 5m	Brett, Jeannene, Richard, and Diego. Noel as dive support
Fri 26	Australia Day – Picnic/Dive	Brett Houlton & Ken Jackson	Inscription Point – Shore dive	
Sat 27/Sun 28	Club Boat Dive	Clinton Unger	Dunkenfield / 24m Old	Ross di Bartolo, Jeannene Moore, Mark Kerr, Bruce Spry

WET CALENDAR – February 2024				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result
Sat 3/Sun 4	Sydney Shore Dive	Wayne Pielak	Oak Park / 8m	
Sat 10/Sun 11	Club Boat Dive	Ken Jackson	Shelly Reef / 22m	
Tue 13	Executive Meeting	Bruce Spry	See Meeting Notice	
Thu 15	Club General Meeting	Bruce Spry	West Ryde Hotel	16 Members attended.
Sat 17/Sun 18	Sydney Shore Night Dive	Ross Di Bartolo	Clifton Gardens 8m	Ken, Michael, Ross, Bruce, Anne, Linda.
Fri 23	Zapparelli's Pizza	Brett Houlton	1m long pizzas	9 Members attended.
Sat 24/Sun 25	Club Boat Dive	Bruce Spry	Quarantine Bay Reef / 20m	

Dive Officer's Spiel Autumn 2024

Happy Rucites,

Seems like an age ago we had Christmas.
Hope everyone was good for Santa and got nice Gifts.

The Xmas camp trip went off well. Numbers were down and the boat didn't go away with them. A double was done from a dive charter to Montague Island off Narooma. The island has a colony of seals. They weren't very playful on this day. A good trip was had though.

Wayne is still away with family commitments in Canada and hopes to be back in March. Brett is still covering the dives in our calendar marked for Wayne. Thanks for that. Since Xmas quite a few shore dives have been done, and Ross has taken the club back into the Night diving world.

On 17 Feb 5 keen divers and a gaggle of spectators / shore support, gathered at Clifton Gardens for the night dive. It was a great afternoon, with a slight NE breeze. A picnic table was selected facing east for non-divers and hey presto a bottle of white wine appeared with some snacks and a lot of chit chat over wine ensured. I believe the dive was good. The wine was too. After 1.5 hours the dive ended and retirement to the pub and some dinner at 10.30 followed. A great way to spend a sat night.
Well done all.

Australia day saw some ordinary weather so no boat dive, but a few ventured to the pub across the road from Frog dive for lunch, a quiet affair, but great lunch.
So, the year has started well with 6 dives and 2 social events so far.
Let's keep this momentum going.

Oceans film night is about to happen, some more social activities and then easter is just about here.

Don't forget to get your accommodation booked for the June long weekend it's not far away either.

Long Term Plans have us going to Callalla bay for the October long weekend and then to Jervis Bay for this Xmas break. Camp sites have been booked for both, so come along.

Safe and much diving to all. So go get wet.

Ken Jackson
Dive Officer

WET CALENDAR – March 2024				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result
Sat 2/Sun 3	Sydney Shore Dive	Brett Houlton	Long Bay / 10m	Jeannene, Michael, Neil & Brett
Sat 9	Ocean's Film Festival	Brett Houlton	Cremorne Orpheum 19:00	Dinner at Minsky's 17:00
Sun 10	Club Boat Dive	Ken Jackson	Dee Why Wide 30m	
Sat 16/Sun 17	Sydney Shore Dive	Diego Molla	Freshwater / 12m	
Thu 21	Club General Meeting	Bruce Spry	West Ryde Hotel	
Sat 23/Sun 24	Club Boat Dive	Bruce Spry	Long Reef Wall 15m	
Fri 29 – Mon 1	Easter Boat dive & Picnic at Bundeena (Jibbon Beach)	Brett Houlton & Ken Jackson	Osborne Shoals or Jibbon Reef, Snorkelling @ Jibbon beach	

WET CALENDAR – April 2024				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result
Sat 6/Sun 7	Sydney Shore Dive	Wayne Pielak	Camp Cove / 10m	
Tues 9	Executive Meeting	Bruce Spry	Via Zoom	
Sat 13/Sun 14	Sydney Shore Dive	Ross Di Bartolo	Fairy Bower /7m	
Thu 18	Club General Meeting	Bruce Spry	West Ryde Hotel	
Fri 19 - Mon 21	Anzac Day Trip to Jervis Bay or Day Trip to Shellharbour	Brett Houlton & Ken Jackson	Callala Bay Shellharbour	
Thu 25	Anzac Day Boat dive	Ken Jackson	Colours 30m	
Sat 27/Sun 28	Sydney Shore Dive	Diego Molla	Fairlight / 8m	

WET CALENDAR – May 2024				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result
Sat 4	Working Bee	Clinton Unger	Ken's home	
Sun 5	Club Boat Dive	Clinton Unger	The Centurion / 16m	
Sat 11/Sun 12	Sydney Shore Dive	Wayne Pielak	Bare Island /10m	
Thu 16	Club General Meeting	Bruce Spry	West Ryde Hotel	
Sat 18/Sun 19	Club Boat Dive	Ken Jackson	The Colours / 24m	
Sat 25	RUC Anniversary Dinner	Brett Houlton	TBA	
Sat 25/Sun 26	Sydney Shore Dive	Ross Di Bartolo	Clifton Gardens / 5m	

WET CALENDAR – June 2024				
DATE	Dive/Event	Dive/Event Activity Leader	Dive Site/Depth	Notes/Result Sun
Sat 1	RUC Anniversary Lunch	Brett Houlton	Mooney Mooney Club	
Sat 1/2	Sydney Shore Dive	Wayne Pielak	Gordons Bay / 12m	

Sat 10–Mon 12	Nelson Bay Trip	Brett Houlton & Ken Jackson	Boat and Shore dives	2024 Photo winner announced
Tue 11	Executive Meeting	Bruce Spry	Via Zoom	
Sat 15/Sun 16	Sydney Shore Dive	Diego Molla	North Bondi /14m	
Thu 20	Club General Meeting	Michaael Persson	West Ryde Hotel	
Sat 22/Sun 23	Club Boat Dive	Wayne Pielak	Old Mans Hat / 18m	
Sat 29/Sun 30	Sydney Shore Dive	Brett Houlton	Shelly Beach	

Dive Report: Duckenfield 28th Jan

Duckenfield Dive 28 January 2024

Divers: Ross di Bartolo, Jeannene Moore, Mark Kerr, Bruce Spry

Weather was slightly overcast and I expected a southerly blowing up in the afternoon so we were watching the southern horizon to see how fast it was arriving. The journey to Long Reef was pretty quick taking about an hour. With slight southerly waves behind us.

Arriving at Long Reef there were a few fishing boats camped out east of the point but we headed slightly further north to the marks in the GPS. A bit confusing as an historic wreck is shown slightly south of the club's mark so I motored over the club mark and found nothing but sandy bottom. Another pass to the south still didn't bring up anything identifiable as the wreck. If you are over the top of the engine or boiler they show up as quite a sharp jump up on the sounder. Turned north again and this time a sudden jump in the bottom profile told me we were directly over the engine. The club mark is spot on.

Ross dropped the anchor and he and Jeannene geared up and dropped into the water. We kept the dive to 30 mins so we didn't get caught in the southerly and they both surfaced on time. Visibility was good although not crystal clear with the engine standing up about 10 metres south of the anchor. Mark and I geared up and hit the water. Again I was happy we got within 10m of the wreck with the anchor as the last time I dived this wreck some 10 years ago with Ross we had a long swim from the anchor to find the wreck.

We headed back to the Harbour and the southerly was picking up with waves up to 1.5m hitting us head on. It took about 2 hours to motor back to Tunks Park and a quick coffee at Clontarf saw us back at the ramp by 2:00pm for a wash and dry out.

The Duckenfield is one of those wrecks that is worth returning to occasionally. Over the time I've dived it I've seen a lot of change. I've dived this wreck in 2005, 2010 and 2024. My first dives showed the engine parts clearly and the boiler was mostly intact although sitting out of its position on the ship. Now there is much more growth on the engine that its getting more difficult to distinguish the parts from each other. Particularly the fly wheel on the side of the engine block.

Some history of the Duckenfield and its fate:

History:

The Duckenfield was a collier built in May 1875 by J & W Dudgeonnd and owned by J & A Brown - coal merchants, Newcastle, NSW.

Built in May, 1875 it struck Long Reef on 24 May 1889

The Master at the time of the wrecking was Thomas Hunter

Wreck Incident:

The Duckenfield struck the lee side of Long Reef 1.5 cables north of Long Point boat ramp enroute to Sydney from Newcastle. There was a moderate southerly and poor visibility. The crew of 14 abandoned ship within 10 minutes while the vessel still lay on the reef. The donkeyman, James Struthers, was drowned in the process but the remainder of the crew were soon picked up by the SS Hawkesbury and taken to Sydney. Captain Hunter immediately returned on board the Pilot steamer Captain Cook as he perceived that the vessel might drift off the reef. When they arrived there was no sign of the ship.

A week after the event two masts were discovered exposed 8 feet above the water. Rough weather intervened and the masts disappeared for 2 months. Captain Melvey of the tug steamer Grand buoyed a single mast. Captain John Hall and his team then began salvage operations which lasted over a year. The operations were interrupted and finally abandoned because of pressures to undertake salvage on more recent casualties - including the Royal Shepherd of which Captain Hunter was again the master.

Cargo and Salvage

The ships cargo included 285 tons of coal, 50 tons of coke and 50 tons of copper ingots. The ship was not insured.

Copper was partly recovered by Biggs and May under command of Captain John Hall. 10-18 tons left behind. Ships lower mast towed into Watson's Bay by Pilot steamer Captain Cook.

Technical Details

Rig/Propulsion: Steam/sail (rig not determined) 2 cylinder vertical compound engine, single screw

Tonnage: 368 gross, 251 net

Length: 161.20 feet.

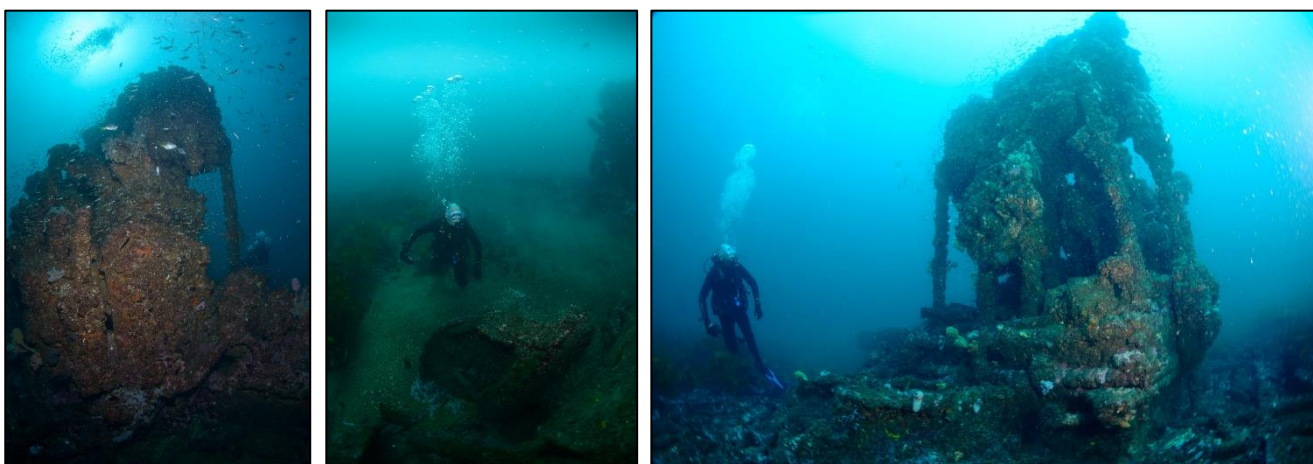
Breadth 24,00 feet

Depth: 12,00 feet

Construction iron hull, 1 deck, 4 bulkheads.

* Details from NSW Environment and Heritage:

https://www.environment.nsw.gov.au/maritimeheritageapp/resources/Maritime/documents/duckenfield_wreck%20inspection.pdf





Working Bee on 9th Dec 2023

A few members turned up at Ken's on a hot day to service the boat for summer.



Checks	Dec-23
Anchors and Anchor rope	Y
Battery Charged	Flat, would not charge so needs to be replaced
Battery load tested	N
Bilge pump	N
Boat Cleaned	Y
Dive Flag	Y
Dive Lines	Y
Drinking water tank (water replaced)	Y
Electrical (Lights, radio, sounder, GPS)	Y
EPIRB	Expires Sep 2027
Fire Extinguisher	Expires Oct 2024
First Aid kit	N
Flairs	Expires Feb 2024
Fuel system checks (filter, pump bulb, lines)	Y
GPS marks	N
Grab bag	Dolphin Battery replaced
Hull	Y
Ladder	Y
Life jackets	Y
Motor inspected (oil, throttle and gear linkages, transom mount)	Y
Motor run	Y
Motor serviced	N
Oars	Y

Oxygen tanks and masks	N
Radio antenna	Y
Steering system checks	Y
Trailer Bearing checked	Right rear seal replaced
Trailer Bearings replaced	N
Trailer Brakes Checked / adjusted	Y
Trailer Brakes Replaced	N
Trailer frame (rust)	N
Trailer hitch	Y
Trailer Lights	Y
Trailer wheels (correct pressure)	Left rear down to 20psi
Trailer winch	Y
Windscreen	Y

Dive Report Dec 17th Gordons Bay, Coogee

After a hot Saturday (16th) the cooler morning to start the dive was a welcome sign. However, the surface swell was not glass like. We had 8 divers for this adventure. Michael, Mark, Gavin, Jess, Richard, Rob, Jeannine, and Brett. Support crew of Anne, Noel and Benny, with Natalie & Herb arriving while we were getting wet. We all arrived, geared up, and headed to the Entry point at 9am. There was a swell coming in. Once we were in the water and settled, the dive proceeded.

Starting off we went anti-clockwise around the chain. Some parts of the chain were difficult to find. There was a noticeable current too. Dive time 60 minutes. Our Exit point was the same location as the entry. During our dive time, the tide had come in, so there was more drama for our exit. The support crew had to jump into action along with two life savers. We all had a rough time on exit. NO broken bones, fins, masks or cameras. Only one lost camera video light. So Poseidon can see in the dark (if he turns the light on). 🌊♂

Following the dive, we had a social catch up over near the surf club. The Club were having a fund-raising day. The Bacon & Egg Rolls, and Sausage Sandwiches were great. So too the Coffees/Teas from the Cafe. We found a shade spot under a tree to recount the mornings adventure, to discuss our plans for Christmas and travel plans for 2024.

Thanks everyone for the great dive today, to the support team for their help in getting us out of the water, and for all the dives in 2023.

See you all in 2024 and just remember:

Staying on the surface all the time is like going to the circus and staring at the outside of the tent. 🌊🌊🌊🌊

Brett



Dive report - Little Manly Cove, Sunday 21 January 2024

On Sunday 21 January, a group of RUC members met for a morning dive at Little Manly Cove.

After checking www.beachwatch.nsw.gov.au that it was safe to swim, Brett, Jeannene, Richard, and Diego got ready to dive, with Noel as surface assistant. We arrived before 7:30am to secure parking, and that was wise since parking was nearly non-existent by that time.

Everybody managed to find a parking spot, Richard even carried a trolley to take his gear from the car to the dive site. The beach already started to have swimmers, including a water-polo team with their floating goals. We entered near the shark net, dodged the water-polo team, and started the dive. With all the gloomy news about water quality from the media, visibility was better than expected at 4-5 metres. Water temperature was a balmy 22 degrees.

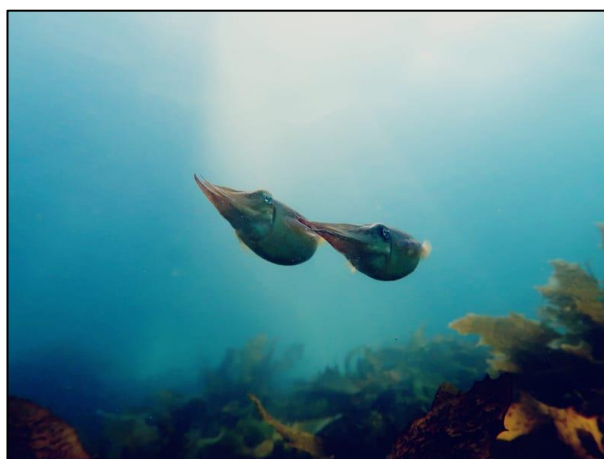
We inspected the nets, where Richard found a tiny red critter, see photos. We then turned right, following the shore on our left. The bottom was sandy with the occasional rock or cluster of kelp. We found several fish lines and bait, and quite a few golf balls. Marine residents included a few goatfish, a lonely blue groper, the occasional octopus and cuttlefish. On the way back, by the nets, we heard the sound of swimmers plunging into water. Nearby, Diego saw something red trickling from the sea bottom. Something dropped by the swimmers ? If it was blood, there was no fish activity nearby.

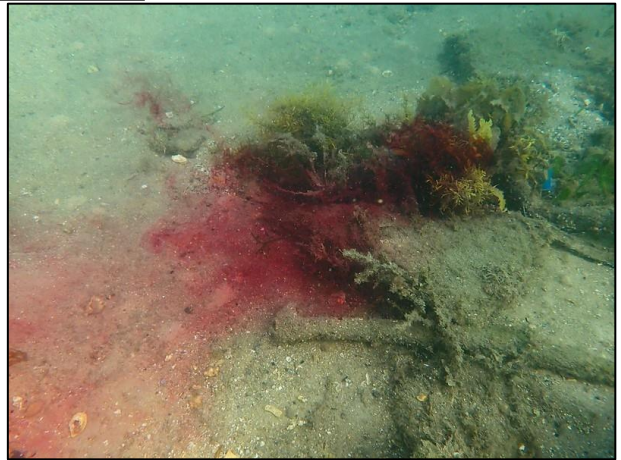
Back on shore, the beach was packed with swimmers, and there was a queue to order at the cafe. Thanks to Noel we had a shady spot next to the cafe where we enjoyed our coffee and biscuits.

I've attached some photos.

More photos from Diego here: <https://flic.kr/s/aHBqjBbby7>

Diego



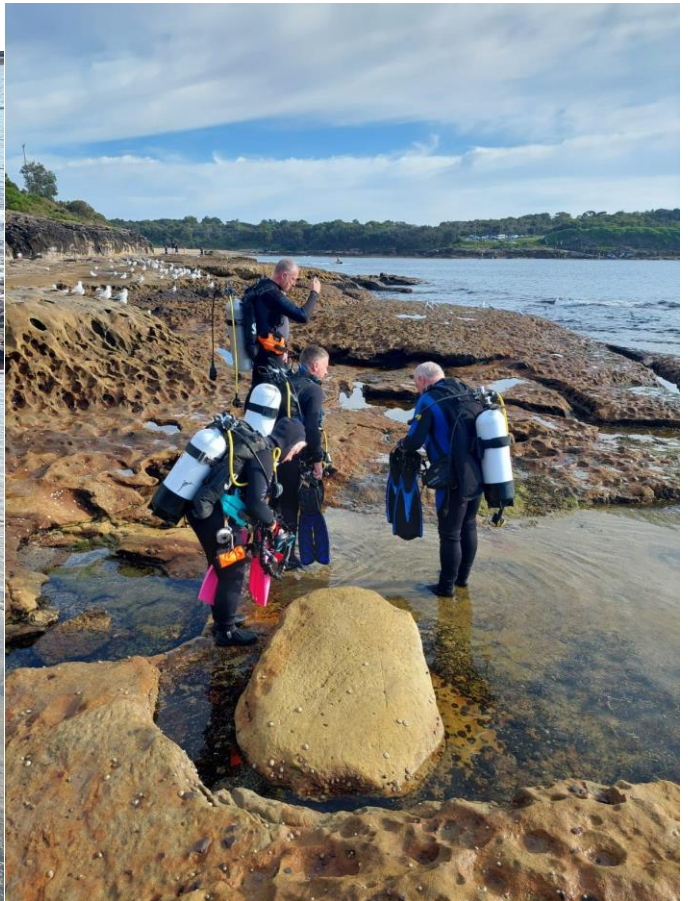


Dive report – Malabar Long Bay, Sunday March 3rd 2024

The dive was at Malabar Long Bay just west of the saltwater pool, 4 Divers Jeannene, Michael, Neil & Brett, ground support Anne & Benny. Not a deep dive today average depth 6 to 7 meters Vis in parts 5 to 8 meters and other parts very snotty. However, a very enjoyable dive great weather and great coffee after the dive however the coffee shop took forever to make our coffees and not forgetting a big thank you Jeannene for bringing the donuts



Brett



October 2024 long weekend away trip to Currarong

Hi Everyone,

As we are all very keen about doing more diving this year, I have just booked 6 powered camping sites at **Holiday Haven Currarong, Jervis Bay over the October 2024 long weekend.**

I have booked for **4 nights** just in case you want to stay the extra night. If you only want to stay 3 nights, you can do this too. This can be changed. We just need to have a booking. 😊
This weekend is smack in the middle of the school holidays.

We also need a boat tower so if you can help, please let me know.

Details as follows:

Arrive Friday 4th Oct 2024 to depart Tuesday 8th October 2024. (Total 4 nights)
Cost \$ 105.00 per night (covers 2 people)
Balance due 30th September 2024 when you will need to pay & confirm dates and your details.
You do this directly with the park. The booking is in my name.

We have sites 113-118 along the fence and are big sites I'm told, so will accommodate caravans and our boat.

Park details: <https://www.holidayhaven.com.au/currarong/>

At this stage, 4 smaller cabins are also still available.

Priced from \$ 245.00 per night and can accommodate up to 5 people.
If you want to join us, you need to **book these now** or you will miss out.

Please let me know if you wish to join us,

Hope to see you all soon.

Kind Regards

Peter Hardman

Social Dinner 23/02/24 Zapparelli's pizza

Hi Dive Buddies,

Last Friday night a group of Ryde underwater club had a social dinner at Zapparelli's pizza restaurant at Lane Cove. The food was fantastic and the company excellent with a mixture of beautiful salads and not forgetting the Pizza (no seafood 🐞). The group has said that it was a great little restaurant and some said they would return.

Also a few photos from the evening 📷📷.

Kind Regards,



Dec- Xmas meeting west Ryde

Social meeting filled with good Xmas cheer.

The annual ten pin bowling trophy was handed over from last year's winner (David Woods) to this year's winner, Ken Jackson.





Xmas party 2023 and photo comp winners

Thanks to Brett and Noel for hosting the Xmas party this year.



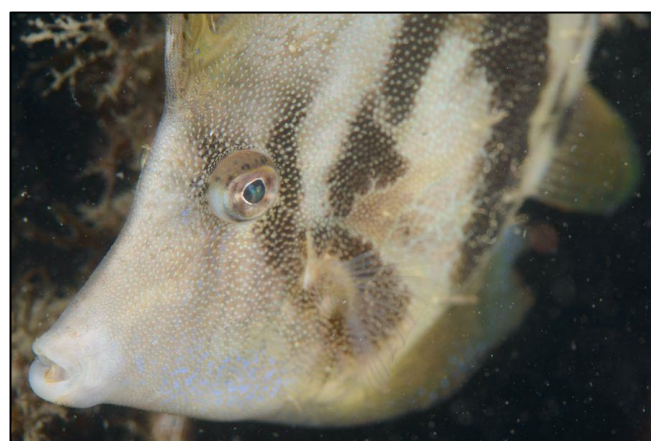


Crazy night divers: 17th Feb

We haven't been doing much night diving recently, so I thought of organising a Saturday night dive at Clifton Gardens. In the water we had Mal, Bruce, Jeannene, Michael and Richard. On the show (drinking wine and eating chips) were Ken, Susan, Linda, Anne and Ross.

When Richard eventually exited the water after an hour and three quarters bottom time, we went to the Mosman hotel for supper.

Ross





2024 Photo Comp entries now open

Hi Rucites and Photographers,

Traditionally the RUC photo competition winner was presented at June long weekend. Due to lack of diving during Covid we postponed the photo comp to Dec. We want to get back to the June timing but rather than wait 18 months between competitions we had one competition in Dec 2023 and will have another, six months later June 2024.

For the 2024 competition we will accept photos taken since the last competition closed (i.e. photos taken between 17th Nov 2023 and 24th May 2023).
Voting will be open for the last weeks of May.

The winner of the golden camera will be announced 8th June at the June long weekend at Nelson Bay.

Photo Competition Rules

1. All RUC members are eligible to enter the competition.
2. A current financial RUC member must have taken the photo.
3. The entrant must be the creator of the image.
4. The entrant must own the copyright of the image.
5. The photographer grants Ryde Underwater Club Inc. publishing permission to reproduce the images in the Ryde Underwater Club Inc. website, club magazine (Surface Interval), Face Book page and in material promoting the club.
6. The photo was taken between 17th Nov 2023 and 24th May 2024
7. The photo is received before 24th May 2024 by the Committee
8. The photo is provided in electronic format:
9. JPEG format preferred.
10. Image size should be minimum of 3000 pixels by 2000 pixels and a maximum size of 4000 by 3000 pixels. Larger images may be accepted but will be re-sized to be consistent with all other entries.
11. File name includes initials of photographer, location and date it was taken, e.g. Nudibranch_John_Smith_Colours_2103-05-09.jpg•
12. Some additional information about the photo (e.g. location and give your photo a title)
13. The photo does not necessarily have to be an underwater shot, but be diving related.
14. RUC members are invited to provide up to 5 photos (the first 5 photos received will be included but addition photos will be discarded)
15. Points will be awarded to each image based on place voted by each member voting (i.e. 5 points for 1st place, 4 points for 2nd etc)
16. Entry with the most points is the winner (in case of draw, the photo with the most voters is the winner)
17. The decision of the committee will be final and no discussion entered into regarding the winning entry.

The winner will become the proud caretaker of the Golden Camera until the next competition. So, start putting aside your best shots aside for the photo comp.

Tides

SYDNEY (FORT DENISON) – NEW SOUTH WALES

LAT 33° 51' S LONG 151° 14' E

Times and Heights of High and Low Waters

2024

Local Time

JANUARY

Time	m	Time	m
1 0034	1.26	16 0052	1.48
0601	0.67	0637	0.48
MO 1225	1.62	TU 1257	1.79
1910	0.51	1932	0.32
2 0118	1.27	17 0146	1.50
0648	0.71	0739	0.54
TU 1305	1.54	WE 1350	1.62
1948	0.54	2021	0.40
3 0206	1.29	18 0243	1.53
0742	0.75	0847	0.60
WE 1349	1.45	TH 1450	1.45
2030	0.57	2111	0.49
4 0258	1.32	19 0343	1.56
0844	0.78	1004	0.64
TH 1441	1.36	FR 1559	1.30
2115	0.59	2204	0.56
5 0351	1.38	20 0444	1.60
0955	0.78	1127	0.62
FR 1542	1.28	SA 1715	1.21
2202	0.60	2300	0.61
6 0445	1.45	21 0545	1.65
1109	0.74	1242	0.56
SA 1650	1.23	SU 1829	1.19
2252	0.61	2359	0.62
7 0535	1.53	22 0642	1.70
1216	0.66	1342	0.50
SU 1757	1.22	MO 1930	1.21
2342	0.60		
8 0625	1.63	23 0053	0.62
1314	0.56	0733	1.74
MO 1857	1.24	TU 1429	0.45
		2019	1.24

FEBRUARY

Time	m	Time	m
1 0113	1.39	16 0208	1.63
0706	0.68	0835	0.56
TH 1307	1.42	FR 1430	1.31
1928	0.56	2028	0.60
2 0158	1.41	17 0307	1.60
0801	0.73	0955	0.62
FR 1353	1.31	SA 1544	1.17
2007	0.61	2126	0.68
3 0248	1.42	18 0415	1.58
0908	0.75	1119	0.62
SA 1451	1.22	SU 1712	1.12
2055	0.66	2235	0.73
4 0345	1.46	19 0524	1.59
1027	0.74	1234	0.59
SU 1606	1.16	MO 1830	1.15
2155	0.69	2345	0.72
5 0448	1.52	20 0627	1.62
1145	0.66	1330	0.54
MO 1729	1.15	TU 1925	1.21
2303	0.68		
6 0551	1.61	21 0045	0.68
1251	0.55	0719	1.66
TU 1840	1.20	WE 1412	0.49
		2006	1.27
7 0007	0.63	22 0134	0.62
0649	1.73	0803	1.69
WE 1345	0.42	TH 1446	0.45
1937	1.28	2042	1.33
8 0105	0.55	23 0215	0.57
0743	1.86	0842	1.72
TH 1433	0.30	FR 1518	0.42
2027	1.36	2115	1.38

MARCH

Time	m	Time	m
1 0028	1.52	16 0134	1.71
0642	0.62	0825	0.55
FR 1238	1.37	SA 1416	1.22
1835	0.59	1949	0.71
2 0108	1.52	17 0233	1.63
0733	0.67	0941	0.61
SA 1323	1.27	SU 1534	1.13
1913	0.66	2053	0.79
3 0156	1.50	18 0343	1.56
0836	0.70	1100	0.64
SU 1421	1.18	MO 1705	1.13
2002	0.72	2213	0.82
4 0256	1.50	19 0458	1.54
0956	0.70	1208	0.62
MO 1541	1.13	TU 1815	1.18
2113	0.76	2329	0.79
5 0409	1.53	20 0603	1.56
1118	0.64	1259	0.58
TU 1712	1.15	WE 1902	1.26
2236	0.74		
6 0524	1.62	21 0030	0.73
1226	0.52	0654	1.59
WE 1824	1.23	TH 1338	0.54
2350	0.66	1941	1.34
7 0628	1.74	22 0117	0.66
1320	0.40	0736	1.63
TH 1918	1.34	FR 1411	0.50
		2014	1.41
8 0052	0.54	23 0158	0.60
0723	1.87	0813	1.65
FR 1407	0.28	SA 1440	0.47
2006	1.46	2045	1.47

APRIL

Time	m	Time	m
1 0122	1.60	16 0205	1.57
0821	0.65	0923	0.65
MO 1412	1.18	TU 1533	1.18
1935	0.78	2042	0.88
2 0225	1.58	17 0317	1.52
0938	0.65	1021	0.65
TU 1531	1.17	WE 1636	1.24
2052	0.81	2157	0.85
3 0342	1.59	18 0421	1.52
1053	0.59	1109	0.63
WE 1656	1.22	TH 1723	1.32
2219	0.77	2259	0.79
4 0458	1.66	19 0513	1.54
1155	0.49	1147	0.59
TH 1801	1.33	FR 1801	1.41
2333	0.67	2349	0.72
5 0603	1.76	20 0556	1.56
1247	0.38	1221	0.55
FR 1854	1.46	SA 1836	1.49
6 0036	0.55	21 0032	0.65
0659	1.85	0634	1.57
SA 1334	0.30	SU 1251	0.53
1941	1.60	1908	1.57
7 0133	0.43	22 0112	0.60
0650	1.89	0711	1.57
SU 1317	0.25	MO 1320	0.52
1926	1.73	1938	1.65
8 0128	0.34	23 0149	0.55
0741	1.87	0746	1.55
MO 1359	0.25	TU 1347	0.52
2011	1.85	2009	1.71

9 0031	0.58	24 0142	0.60
0713	1.74	0819	1.77
TU 1403	0.44	WE 1509	0.41
1951	1.28	2100	1.28
10 0121	0.54	25 0226	0.57
0800	1.85	0900	1.79
WE 1451	0.34	TH 1545	0.39
2042	1.33	2138	1.31
11 0211	0.50	26 0306	0.55
0849	1.94	0938	1.79
TH 1538	0.25	FR 1618	0.39
2130	1.37	2213	1.33
12 0301	0.45	27 0344	0.54
0938	2.01	1014	1.78
FR 1624	0.20	SA 1650	0.40
2220	1.40	2246	1.34
13 0353	0.42	28 0420	0.54
1027	2.04	1047	1.75
SA 1712	0.18	SU 1721	0.41
2310	1.43	2321	1.35
14 0445	0.41	29 0458	0.56
1116	2.01	1120	1.69
SU 1759	0.19	MO 1751	0.44
		2356	1.37
15 0000	1.46	30 0537	0.59
0540	0.43	1154	1.62
MO 1206	1.93	TU 1821	0.47
1845	0.24		
		31 0033	1.38
		0619	0.64
		WE 1229	1.53
		1853	0.51

9 0200	0.46	24 0252	0.53
0834	1.97	0916	1.74
FR 1519	0.20	SA 1547	0.41
2115	1.45	2145	1.41
10 0251	0.38	25 0328	0.51
0923	2.04	0948	1.73
SA 1603	0.15	SU 1615	0.40
2200	1.52	2216	1.45
11 0343	0.32	26 0402	0.50
1012	2.05	1021	1.70
SU 1646	0.13	MO 1642	0.42
2247	1.58	2247	1.48
12 0436	0.31	27 0438	0.51
1100	1.99	1053	1.64
MO 1730	0.17	TU 1709	0.44
2335	1.62	2318	1.51
13 0530	0.33	28 0516	0.54
1148	1.87	1126	1.56
TU 1813	0.25	WE 1736	0.48
		2352	1.52
14 0024	1.65	29 0557	0.57
0627	0.40	1200	1.47
WE 1238	1.69	TH 1804	0.53
1855	0.36		
15 0114	1.64		
0727	0.48		
TH 1330	1.49		
1939	0.48		

9 0147	0.43	24 0234	0.55
0814	1.96	0846	1.66
SA 1452	0.19	SU 1508	0.45
2052	1.58	2115	1.53
10 0240	0.33	25 0309	0.52
0903	2.00	0919	1.65
SU 1534	0.16	MO 1533	0.45
2137	1.68	2144	1.58
11 0332	0.27	26 0345	0.50
0952	1.97	0952	1.61
MO 1615	0.17	TU 1600	0.46
2222	1.76	2214	1.63
12 0425	0.26	27 0421	0.49
1041	1.87	1026	1.56
TU 1656	0.24	WE 1626	0.49
2308	1.80	2244	1.66
13 0519	0.29	28 0500	0.51
1130	1.72	1101	1.48
WE 1737	0.34	TH 1654	0.54
2355	1.81	2316	1.67
14 0616	0.36	29 0541	0.54
1221	1.54	1139	1.40
TH 1817	0.47	FR 1724	0.60
		2352	1.66
15 0043	1.77	30 0626	0.58
0716	0.46	1221	1.32
FR 1315	1.36	SA 1757	0.66
1900	0.60		
		31 0032	1.64
		0717	0.62
		SU 1310	1.24
		1838	0.73

9 0221	0.28	24 0227	0.51
0831	1.80	0823	1.51
TU 1440	0.29	WE 1415	0.54
2056	1.92	2040	1.76
10 0315	0.27	25 0305	0.50
0922	1.69	0901	1.47
WE 1520	0.37	TH 1445	0.57
2141	1.95	2114	1.80
11 0409	0.30	26 0345	0.50
1014	1.55	0942	1.41
TH 1600	0.48	FR 1518	0.61
2227	1.93	2149	1.80
12 0505	0.37	27 0429	0.51
1106	1.41	1025	1.36
FR 1643	0.59	SA 1554	0.66
2314	1.86	2229	1.79
13 0605	0.46	28 0515	0.54
1202	1.29	1112	1.30
SA 1727	0.71	SU 1635	0.71
		2314	1.75
14 0004	1.76	29 0610	0.58
0708	0.55	1206	1.26
SU 1303	1.20	MO 1725	0.76
1818	0.80		
15 0100	1.65	30 0006	1.71
0816	0.62	0713	0.59
MO 1416	1.17	TU 1310	1.24
1924	0.86	1827	0.80

SYDNEY (FORT DENISON) – NEW SOUTH WALES

LAT 33° 51' S LONG 151° 14' E

Times and Heights of High and Low Waters

2024

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0109 1.68		16 0222 1.52		1 0304 1.66		16 0319 1.39		1 0347 1.43		16 0330 1.23		1 0013 0.49		16 0518 1.16	
WE 0820 0.57		TH 0921 0.66		SA 0942 0.46		SU 0943 0.64		MO 0954 0.52		TU 0927 0.66		TH 0601 1.21		FR 1044 0.65	
● 1423 1.26		2109 0.88		SA 1602 1.56		SU 1618 1.49		MO 1630 1.72		TU 1615 1.54		TH 1124 0.62		FR 1729 1.67	
● 1943 0.81				2200 0.67		2232 0.80		2306 0.59		2301 0.71		1807 1.77			
2 0220 1.67		17 0323 1.49		2 0409 1.62		17 0417 1.35		2 0455 1.36		17 0437 1.21		2 0104 0.43		17 0025 0.45	
TH 0924 0.53		FR 1006 0.65		SU 1030 0.45		MO 1024 0.63		1045 0.55		1017 0.66		FR 0655 1.25		SA 0614 1.23	
TH 1533 1.33		FR 1630 1.38		SU 1656 1.69		MO 1703 1.57		TU 1725 1.80		WE 1706 1.62		FR 1218 0.59		SA 1141 0.57	
2102 0.77		2215 0.84		2309 0.59		2331 0.73				2359 0.62		1857 1.81		1820 1.79	
3 0331 1.70		18 0418 1.48		3 0509 1.58		18 0512 1.34		3 0013 0.51		18 0537 1.22		3 0147 0.39		18 0109 0.33	
1020 0.46		SA 1046 0.62		1117 0.46		1104 0.63		0600 1.33		1109 0.64		0740 1.29		0700 1.32	
FR 1633 1.45		SA 1713 1.46		MO 1745 1.81		TU 1745 1.66		WE 1136 0.57		TH 1754 1.71		SA 1306 0.56		SU 1233 0.47	
2215 0.68		2313 0.78						1817 1.86				1941 1.82		1908 1.91	
4 0435 1.74		19 0507 1.47		4 0014 0.50		19 0022 0.65		4 0109 0.44		19 0047 0.52		4 0226 0.37		19 0152 0.23	
1110 0.40		1123 0.60		0607 1.53		0602 1.33		0658 1.32		0630 1.26		0819 1.32		0746 1.41	
SA 1725 1.59		SU 1751 1.56		TU 1203 0.48		WE 1144 0.63		TH 1227 0.58		FR 1159 0.61		SU 1349 0.53		MO 1323 1.41	
2321 0.57				1835 1.91		1825 1.74		1908 1.91		1842 1.81		● 2021 1.82		1955 1.98	
5 0532 1.75		20 0002 0.71		5 0112 0.43		20 0108 0.57		5 0200 0.40		20 0132 0.42		5 0300 0.37		20 0233 0.16	
1156 0.36		0052 1.46		0704 1.48		0650 1.33		0750 1.32		0720 1.30		0857 1.34		0831 1.49	
SU 1813 1.73		MO 1157 0.59		WE 1248 0.51		TH 1225 0.62		FR 1315 0.58		SA 1247 0.55		MO 1429 0.52		TU 1414 0.32	
		1827 1.64		1923 1.97		1905 1.82		1955 1.93		1928 1.90		2057 1.80		2042 2.01	
6 0021 0.47		21 0047 0.64		6 0205 0.38		21 0150 0.49		6 0245 0.38		21 0215 0.34		6 0333 0.38		21 0315 0.13	
0627 1.74		0634 1.45		0759 1.43		0737 1.34		0838 1.32		0807 1.35		0931 1.36		0917 1.57	
MO 1239 0.36		TU 1230 0.58		TH 1334 0.55		FR 1306 0.61		SA 1402 0.59		SU 1336 0.50		TU 1507 0.53		WE 1505 0.29	
1900 1.86		1900 1.73		● 2010 2.00		1947 1.89		● 2039 1.92		○ 2014 1.98		2131 1.75		2129 1.96	
7 0117 0.38		22 0129 0.57		7 0257 0.37		22 0233 0.43		7 0327 0.39		22 0300 0.27		7 0404 0.40		22 0358 0.15	
0719 1.68		0758 1.44		0852 1.39		0824 1.35		0922 1.33		0854 1.40		1006 1.38		1004 1.63	
TU 1322 0.38		WE 1302 0.59		FR 1419 0.59		SA 1351 0.59		SU 1446 0.60		MO 1426 0.46		WE 1545 0.55		TH 1559 0.30	
1945 1.95		1935 1.80		2056 1.99		○ 2030 1.94		2120 1.88		2100 2.02		2204 1.68		2216 1.85	
8 0212 0.33		23 0208 0.52		8 0345 0.38		23 0318 0.39		8 0406 0.42		23 0344 0.23		8 0433 0.43		23 0440 0.21	
0813 1.61		0758 1.42		0942 1.35		0911 1.36		1003 1.32		0942 1.44		1042 1.39		1052 1.66	
WE 1404 0.44		TH 1336 0.60		SA 1505 0.64		SU 1438 0.58		MO 1529 0.62		TU 1516 0.44		TH 1624 0.58		FR 1655 0.34	
● 2030 2.01		○ 2011 1.85		2141 1.95		2115 1.97		2200 1.83		2147 2.01		2237 1.60		2306 1.69	
9 0305 0.32		24 0249 0.48		9 0432 0.43		24 0404 0.36		9 0445 0.45		24 0429 0.23		9 0503 0.47		24 0523 0.31	
0905 1.51		0841 1.39		1030 1.32		1000 1.37		1044 1.32		1030 1.48		1118 1.40		1142 1.68	
TH 1446 0.51		FR 1413 0.62		SU 1550 0.89		MO 1527 0.58		TU 1609 0.65		WE 1610 0.44		FR 1706 0.63		SA 1756 0.42	
2116 2.01		2048 1.89		2225 1.87		2202 1.97		2236 1.75		2235 1.94		2313 1.50			
10 0359 0.35		25 0331 0.47		10 0519 0.49		25 0453 0.36		10 0520 0.49		25 0514 0.25		10 0534 0.51		25 0000 1.49	
0959 1.42		0926 1.37		1118 1.29		1051 1.38		1123 1.32		1120 1.52		1157 1.42		0607 0.42	
FR 1530 0.60		SA 1453 0.64		MO 1635 0.73		TU 1619 0.59		WE 1651 0.69		TH 1705 0.47		SA 1754 0.67		SU 1235 1.66	
2202 1.97		2130 1.90		2307 1.78		2251 1.94		2313 1.66		2324 1.82		2351 1.39		1903 0.50	
11 0452 0.41		26 0417 0.47		11 0604 0.55		26 0542 0.37		11 0556 0.53		26 0559 0.31		11 0608 0.56		26 0100 1.31	
1051 1.34		1014 1.34		1205 1.28		1145 1.40		1204 1.33		1212 1.55		1240 1.43		0656 0.53	
SA 1614 0.68		SU 1537 0.67		TU 1722 0.78		WE 1715 0.62		TH 1737 0.73		FR 1805 0.52		SU 1848 0.72		MO 1334 1.63	
2248 1.89		2215 1.89		2350 1.69		2342 1.86		2351 1.57				● 2022 0.55			
12 0546 0.49		27 0507 0.48		12 0649 0.60		27 0632 0.39		12 0631 0.56		27 0016 1.66		12 0037 1.28		27 0212 1.17	
1145 1.28		1104 1.32		1253 1.28		1239 1.43		1249 1.35		0645 0.39		0646 0.61		0754 0.63	
SU 1700 0.76		MO 1626 0.70		WE 1813 0.82		TH 1815 0.65		FR 1828 0.77		SA 1306 1.58		MO 1329 1.43		TU 1441 1.61	
2336 1.79		2302 1.86								1911 0.58		1955 0.75		2147 0.56	
13 0642 0.56		28 0601 0.49		13 0035 1.60		28 0036 1.76		13 0033 1.47		28 0114 1.49		13 0135 1.18		28 0340 1.11	
1240 1.24		1200 1.31		0732 0.63		0723 0.42		0710 0.59		0733 0.47		0734 0.66		0904 0.68	
MO 1752 0.82		TU 1721 0.73		TH 1345 1.30		FR 1336 1.48		SA 1337 1.38		SU 1403 1.60		TU 1425 1.45		WE 1553 1.60	
		2356 1.81		1911 0.85		1921 0.67		1928 0.81		● 2026 0.62		● 2114 0.73		2304 0.53	
14 0026 1.68		29 0659 0.50		14 0125 1.51		29 0134 1.64		14 0122 1.37		29 0220 1.33		14 0249 1.12		29 0500 1.13	
0738 0.62		1300 1.32		0816 0.64		0813 0.45		0751 0.62		0826 0.55		0832 0.70		1015 0.67	
TU 1340 1.22		WE 1823 0.75		FR 1437 1.34		SA 1434 1.55		SU 1429 1.42		MO 1505 1.64		WE 1529 1.49		TH 1700 1.63	
1851 0.87				● 2016 0.87		● 2033 0.68		● 2038 0.81		2149 0.63		2231 0.67			
15 0121 1.59		30 0054 1.76		15 0220 1.44		30 0239 1.53		15 0222 1.28		30 0337 1.21		15 0410 1.12		30 0003 0.47	
0831 0.66		0756 0.49		0900 0.64		0903 0.49		0837 0.65		0924 0.60		0940 0.69		0558 1.19	
WE 1442 1.25		TH 1403 1.37		SA 1530 1.41		SU 1532 1.63		MO 1522 1.47		TU 1610 1.68		TH 1631 1.57		FR 1119 0.63	
● 1959 0.89		1932 0.76		2126 0.85		2151 0.65		2153 0.78		2308 0.56		2334 0.57		1756 1.67	
		31 0158 1.71								31 0455 1.19				31 0047 0.43	
		FR 0850 0.47								1025 0.62				0642 1.25	
		FR 1505 1.45								WE 1711 1.72				SA 1212 0.57	
		● 2046 0.73												1842 1.70	

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

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Committee - <https://ruc.groups.io/g/committee>

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.

Email some words and a few photos or videos (or your buddy's photos).

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

Face Book: <https://www.facebook.com/RUC.org>

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

GUIDELINES FOR SENDING IN ARTICLES AND PHOTOS

Facebook Article

Put together 2 sentences and plenty of pics. Do it the same or next day as the dive.

Email to "RUC Social Media Sub-Committee" (committee@RUC.groups.io) and they will post to Facebook on your behalf.

Surface Interval Article

Send the article to editor@ruc.org.au

Type the story into MS Word rather than in your text or email editor. Don't send a PDF file.

Please run the spell check over your article.

Send photographs as separate jpg files. i.e., Don't insert photos into the MS Word file.

Please rename photos with the dive site or date in the name. Something simple like "**Apr23 seaslug.jpg**".

Say which dive they are linked to in the text.

If you would like your article to link to another website, insert the link in the article and readers can then open that link.

RYDE UNDERWATER CLUB MEMBERSHIP FEES for 2023-2024:**Single \$110 Family Concession \$190 Social \$40***Membership renewals are due 30th June each year.*

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

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 on the **3rd Thursday** of each month at:**West Ryde Hotel - 1021 Victoria Rd, West Ryde NSW 2114**

The schedule for the evening is:

7:00pm – 7:45pm Dinner – good food/drinks and conversation (optional)

7:45pm – 8:15pm Committee/Business Update

8:30pm – 9:30pm Special Guest Presenter

New members are always welcome to attend our meetings and join in with our activities.**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
Reporting suspected Illegal Fishing – DPI (Fisheries)	1800 043 536
NSW Maritime Authority - Sydney Boating Weather	131 236 (opt 3)

IF IN DOUBT - ALWAYS RING 000

BOAT LAUNCHING RAMPS	Google maps links
Bayview	Bayview
Tunks Park	Tunks Park
Kyeemagh	Kyeemagh
Gunnamatta Bay	Gunnamatta Bay

RYDE UNDERWATER CLUB INC.Face Book: <https://www.facebook.com/RUC.org>Website: <http://www.ruc.org.au>Email: info@ruc.org.au