WET RAG



MONTHLY NEWSLETTER OF THE SOUTH PACIFIC DIVERS' CLUB (established 1962)

PO Box 823, BANKSTOWN NSW 2200

TELEPHONE: 0411 343 200

APRIL 1999

NEXT MAJOR CLUB EVENT

CHICKEN AND CHAMPANGE DAY

We've done it before; it was great then and lets make it even better now!!

On Sunday the 18th April club members are invited to attend this family day at Frenchman's Bay. Boats will depart from 8.30am onwards

The club will provide Chicken, salads, rolls and Champagne at a tinny cost.

RSVP

Please contact the dive organisers Jackie Rotenstein on 9904 – 7843(ah) or 9930 – 7501 (wk)

And /or

Peter Mason

on 9531 – 1531(ah)or alternatively leave a

message on the club phone

0411 343 200

April Meeting:

1ST PRIZE IN THE RAFFLE: A Nitrox Course

(Courtesy of Southern Cross Divers – Stanmore)

also

- 1. A special presentation by Mark Dietz of the video highlights of the SPD trip to TRUK in 1997
- 2. Slide presentation by Peter Flockart Hawkes Nest and Port Stephens

Meetings of the Club are normally held at 8pm on the 3rd Monday of each month in the Emile McDonald Room of the Bankstown Sports Club, Greenfield Parade, Bankstown. This month's meeting will be held on Monday, 19th April 1999.

Presidents Tidings

This will be a very short message. I hope all club members had a happy Easter and to those of you who were fortunate enough to go diving over the weekend enjoyed yourself.

I have been unable to dive with club members this year as much as I would have liked to, oh, how I am looking forward to Ulladulla in May.

Our two new dive organisers have worked hard to put the club's diving back on track but without your support it won't happen.

This coming weekend at Frenchman's bay we are having one of our traditional chicken and champagne days, four boats have been organised to ferry divers to a variety of sites. This dive was previously advertised to be held at Jibbon beach but for convenience to members and boat owners it was decided to shift the venue to Frenchman's bay. RSVP to Jackie as soon as possible for your place on a boat and so that we can finalise catering arrangements. There will be a small cost of less than \$10 per adult head to cover the costs of the chicken, champagne and salads etc. The day will not be a fundraiser but hopefully a break even day. So please attend.

I am not going to talk about the magnetometer as this item has had more press than World War Two.

Enjoy your diving and I will see you Monday night.

Peter Foster.

Photographic Officer's Report

With the water being so murky in the last weeks not many including myself have been able to do much U/W snapping.

Its given me a chance to catch up on some maintenance as well as some reading, something there never seems to be enough time for

Speaking of which in the April/May edition of Sportdiving there is a very informative article by Becca Saunders on Underwater Photography.

Becca covers a wide range of photographic products from expensive housings for advanced photographers right down to the cheaper ones at the entry level for beginners. There are also tips for purchasing second hand equipment, handy if you can't afford to buy some new.

Also included are some very handy tips to taking successful photos a list of some

excellent underwater photographic publications from which to further your knowledge and some extras that you may want to purchase in the future to fill that empty space in your camera bag!!

DIVE REPORTS

There are two dive reports this month!

The first is John Beddie's report that was begun in last months Wet Rag. His article is attached and is reprinted in its entirety due to an error by the editor last month (printing problems) and a change on the map by John.

The second is by Jackie Rotenstein

DIVE WEEKEND AT HAWKES' NEST (March 20 and 21)

Yet another successful SPDC dive weekend. This weekend a troop of 7 divers, 4 non-divers and a 6 week old puppy came up to Hawkes' Nest for a weekend of diving, drinking and eating (as one does).

Saturday was overcast with medium rough seas, but still easily diveable in the sheltered areas. We travelled by boat for 1 hour to Broughton Island north of Tea Garden for a double dive at Looking Glass Gully and Cod Rock. Lots of great swim-throughs and gullies at Looking Glass and large rock formations to play on at Cod Rock. Several large cuttlefish, wobbegongs and nudibranchs. I even saw a turtle swim away from us in the distance. Although the viz wasn't great on Saturday, both these sites have the potential to be brilliant dives in good weather.

We were luckier on Sunday with calm seas, blue skies and great viz in the water. We dived off Cabbage Tree Island (close to Tea Gardens) at the wreck of the Oakland and a 40ft trawler deliberately sunk as a fish reef. The Oakland was one of the best wreck dives I've done. The outline of the hull is fully in tact rising between ½ to ½ above the sand. The bow and stern are in tact and can both be easily penetrated. Tons of catfish, old wives and small colourful striped fish. Some divers saw a large numb-ray that lives there too. Everyone laughed at me for wearing 2 lycra skin suits inside my wetsuit in 22 degree water, but I had the last laugh when the thermocline at 18m and below on this dive was 14 degrees!

The trawler is also an excellent and very popular 2nd dive at 12m. The boat is lying slightly on its side still fully in tact, including the wheelhouse. Already there is quite a lot of growth and schools of fish living there.

The dive shop we dived with was Hawkes' Nest Dive Centre ((02) 4997 0442) at 13 Maxwell Street, Tea Gardens. The shop has excellent gear washing, hanging and storage facilities and is 100m from the wharf. The guys at the shop, Colin and Tony are very friendly and helpful. We had a dive master with us (Peter Hodge - one of the shop owners) on each of the 4 dives.

Unfortunately the Hawkes' Nest Caravan Park that we stayed at wasn't so great (the Caravan Park that the dive shop usually uses [Jimmy's Beach Caravan Park] was booked out that weekend). The lady who ran the caravan park was extraordinarily rude and unhelpful (just ask Peters Flockart and Mason about her!!). She charged John and I a \$28 late fee for leaving the caravan after the checkout time.

If you haven't dived this area or haven't dived it for a while - it's well worth a visit. Lots of reefs and wrecks to play on and sheltered areas if there's a current. The beaches are lovely for a stroll and Tea Gardens is a 15 minute drive to the Myall Lakes.

SOMETHING DIFFERENT

Here is the third in the series "Nudibranchs around Sydney".

COMMON NAME Magnificent Nudibranch
SCIENTIFIC NAME : Miamira magnifica
DISTRIBUTION : From tropical west IndoPacific to NSW coast.

HABITAT : Rocky Reef.

DEPTH RANGE : 0 to 25 m

ADULT SIZE : 80 mm

NOTES:

Lower body is purple with yellow spots while upper body is a mixture of purple/ white and yellow. Through this runs an overlay red and orange bands. The rhinophores and gills are orange with the latter being protected by a small hard vertical projection from the dorsal surface known as a pistule. The function is unknown apart from protecting the gills.

Reference:

Dive Observations

Nudibranchs of Australasia Neville Coleman

UPCOMING DIVE WEEKEND AT ULLADULLA (1st and 2nd May)

This promises to be another excellent dive weekend. We have arranged to do a double dive at Brush Island on Saturday (meant to be outstanding diving) and 2 more dives closer to Ulladulla on Sunday. The club weekend at

Ulladulla last year was great fun and was one of my favourite dive weekends.

The Ulladulla set up is excellent. The shop has full washing and storage facilities and is literally 1 shop away from the dive lodge and a 1 minute walk to the local pub and Ulladulla shops. The lodge is comfortable, bunk bed style with 2 separate bathrooms.

The cost for the weekend is \$160 which includes 4 boat dives, 3 airfills and 2 nights' accommodation at the lodge (non-divers - \$30 for accommodation). If you would like to come please let me know ASAP.

Cheers, Jackie Rotenstein

Magnetometer

At last months meeting Noel Taylor objected to some of my comments, which were sent to members regarding his proposal of selling the mag and buying some new photographic equipment.

It is apparent Noel refuses to accept that other members have a view that differs to his & he even accuses me of slander.

Many of his comments "buttered no parsnips" but I must make mention of a couple of points:

1. Noel ("as a trainer") took offence to my definition of the word "training". He suggested that many people would die if no one were trained in diving and that my comments were offensive to dive shop owners and/or dive instructors.

Budgies are trained to speak, dogs are trained to sit, dolphins are trained to jump through rings, you train down at the gym, you ride a train to Stadium Australia you don't train divers, you teach them to dive.

In Noel's proposal the word train implied that no one currently in the club had the ability to use the mag and also implied that this was a very sophisticated piece of equipment, both of which are untrue.

2. Following my suggestion that this equipment was a little sensitive to transport around it is now apparent we will need to purchase pelican cases in order to protect it during transport, more expense!

The magnetometer is an asset for the club and it will be used not only by current members but may be an attraction to future members further down the track. Please consider very carefully as your vote may well determine the fate of SPD.

Regards, Leo B (a hunting we will go)

COMMITTEE MEMBERS the following members are on the committee for the 1999-year.

Position	Name	Home No:	Work No:
President:	Peter Foster	9564 2654	Mobile: 0418 435 774
Treasurer:	Graham Oates Email:	9769 0098	9722 4813
Secretary:	Mark Spencer	9821 3740	Mobile: 0148 975 398
	Email: Davis@	3-net.com.au	
Photographic Officer:	Peter Flockart Email: Nelson	9371 0265 01@bigpond.com	9374 8324 Fax: 9374 2688
Publicity Officer:	Leo Bergagnin Email:	9558 25920	9517 2853 Mobile:0419 517 285
Dive Organisers:	Peter Mason Jackie Rotensti	9531 1531 en9904 7843	9252 1111 9930 7501
E-mail:JackieRotenstein	@nortonsmith.com.	au	
Equipment Officer:	Glen Percy (Aquasports)		9708 2826
Newsletter Editor:	*** Position Va	- 1	

BOAT OWNERS CONTACT LIST

The following members of the Club are boat owners. They generally go out diving most weekends and often need extra divers to make up numbers. Why not give them a call.

Name	Home No:	Work No:	
Sue Armstrong	02 44 437 606	9385 2248	
Martin Atkins (lives in Jervis Bay area)		044 43 4631	042 74 0210
Martin Kandilas	9725 7808	9725 7808	

If you are a boat owner and would like to be added to this list contact the committee.

CLUB SPONSORS Remember to support the Club Sponsors:

The South Pacific Divers' Club is honoured to be sponsored by the following

Name	Contact: Phone No:	
Aquatic Explorers	Steve or Lee at 3/82-84	9531 1518
	Captain Cook Drive, Caringbah	
Aqua Sports	Glen Percy at 430 Hume Highway	9708 2826
	Yagoona	
Beverley's Restaurant	Peter or Bev at 1 – 9 Meagher St	9310 4878
	Chippendale	
Dive Quest	Chris or Gary at Mullaway	066 54 1930
Sea Tamer II Charter	Max Western 9524 1818 or	
	018 280 791	
Shiprock Dive	Leo or Lesley at Lilli Pilli	9526 2664
Southern Cross Divers	Barry at The Spit Marina	9969 5072
Southern Cross Divers	Geoff at Stanmore	9568 1517
South West Rocks Dive	Noel or Belinda	02 6566 6474
Twofold Dive Charters	Peter or Lorna at Eden	02 6496 3384

RAFFLE PRIZES for April Meeting.

1st Nitrox Course (Southern Cross Divers – Stanmore)

2nd 1 x Air Card (10 fills) from Aquasports (Yagoona)

3rd Boat dive on Sea Tamer II

4th Two air fills from Shiprock Dive

CLUB GEAR

The Club has a variety of gear for sale, hire or loan. This includes T-shirts, Stickers, BumBags, Shirts, Sweaters, Caps, The Magnetometer, Two sets of Oxygen equipment, BBQ, and much much more. Inquiries should be directed to the Equipment officer.

UPCOMING DIVING ACTIVITIES

Contact Numbers: Peter Mason 9531 1531(hm) or Jackie Rotenstien 9930 7501(wk)

April

18th Chicken & champagne breakfast at Frenchman's Bay Meet at 8.30am for a fun day of diving and frivolities. Club boats to be used.

May

1st & 2nd Weekend at Ulladulla Cost will be \$160. Includes 4 dives, accommodation at Ulladulla Dive lodge. (Meals not incl). Contact Jackie Rotenstien 9930 - 7501

15th & 16th Weekend to Eden with Twofold Dive

Boat takes 8 people and can do 4 trips per day. 2 dives with air \$55.00 (extra fills are \$5.00) Accom is \$15.00/night

22nd & 23rd Weekend on the Indulgence at Jervis Bay. 2 days 5 dives. Great Boat Great Dives. If the Australia Day weekend was anything to go by – not one to be missed. \$275 per person. Any queries contact Peter Flockart 9371 - 0265. (Deposits due at April meeting)

June

12th – 14th Long Weekend diving at Terrigal & Norah Head diving with Les & Fran Graham (details to follow)

27th Dive on the Bombo. (details to follow)

Please ring the dive and social organisers or the club Phone on 0411 343 200on the Tuesday or Wednesday before the event to confirm details etc.

Meetings of the Club are normally held at 8 pm on the 3rd Monday of each month in the Emile McDonald Room of the Bankstown Sports Club, Greenfield Street, Bankstown. This month's meeting will be held on **Monday**, 19th April 1999.

Deadline for articles is the last day of the month. Wet Rag, the South Pacific Divers' Club Newsletter, is published by South Pacific Divers' Club. Edited by Peter Flockart

Solomons Trip

Proposed dates: first two weeks of August

The plan is to travel to Honiara: the first group of six divers will travel to Tulagi for 5 days while the second will go to Munda for 5 days. Returning to Honiara, where the two groups will regather for the balance of the trip. Costs will differ depending on which location you choose.

Contact Leo B for further details.

Wet Rag, the South Pacific Divers' Club Newsletter, is published by South Pacific Divers' Club. Edited by Peter Flockart.



Send material for the Wet Rag to the Committee c/o club PO Box as on front cover.

SOUTH PACIFIC DIVERS" CLUB INC

POSTAL & or PROXY FOR VOTING on sale of the magnetometer and purchase of slide scanner and CD writer 19th April 1999

PO Box 823, Bankstown, NSW, 2200

writer.	l purchase a slide scanner plus CD
I Name:	
Nominate:	
Name	
To vote on my behalf	
Signature:	
<u>OR</u>	
POSTAL V	VOTE
1. Sale of Magnetometer YES	NO .
2. Purchase of Slide Scanner & CD W YES	/riter NO

A "WRECK" WEEK IN EDEN 1999

Having a 6 week break from work at Christmas each year one must make an effort to do something else other than working around the house. A better idea go WRECK DIVING . Yes enough brownie points up - yes I was told to go . Di was unable to come - someone had to bring the bacon home and keep working , feed the cats etc.

Location? north or south - typical winds in January are North - East and quite strong (not much good

going north) - decision made EDEN - this would be my 5th trip down with my boat - "Seadragon".

Time-dates? Out with the tide charts I had to pick a week with the high tides in the morning starting at about 8.00am so we could go down the river at Womboyn and have enough water under prop to navigate the sand flats in the river AND go over the bar at the mouth of the river to Disaster Bay (Green Cape) and the "good wrecks"?

Accommodation? Twofold Dive Charters (02 64961778) - Peter Hall dive lodge at Eden accommodates about 12 divers - one boat crew equals plenty of space even with all the video / camera equipment and right in town (50M up the road). Yes no problem house booked for a week.

Crew? who might be able to get time off - 3 required - Phone calls to

- Ty "the boy "Davies (a floor / wall tiler self employed) who had been down to Eden with me before and wanted a crack at the "Moon" Yes, dead keen to go no problem working around the dates.

- John Simmonds "Simmo" with who I have dived with for over 20 years "a keen bottom scratcher "another who had been down to Eden with me before. Another dead keen to go after checking with the "boss" and work for a week off.
- Michael McFadyen "Dive Log roaming reporter also National Parks and Wildlife worker" travels all over the place to dive could we tempt him to dive the wrecks at Green Cape? the answer was yes.

O -What a team of experienced "older "divers 40+ to 50+!!

Our aim was to attempt to dive the 3 wrecks SS CITY OF SYDNEY, SS NEW GUINEA and the SS LY-EE-MOON which is known as the most difficult shipwreck on the N.S.W. coast to dive due to its location at Green Cape running from Womboyn and down the river to Green Cape.

From Eden we would dive the OLIVE CLAM, LANERCOST, SS EMPIRE GLADSTONE and the

tugs TASMAN HAULER and the HENRY BOLTE.

DAY 1 - SAT 16/1 Started for me real good, I slept in and ran an hour. late in picking Roy up. We travelled down the highway to Canberra then out to Cooma, down Brown's mountain turn right at the foot of the mountain to Eden via a back road. Of course we were the last to book in, toss the sleeping gear and food? was given enough to feed a tribe for 2 weeks) into the house. Then we decided not to waste a day a N.E. wind blowing Hauler for a dive with 1.5 m wind chop trip. Water vis was poor at about 7 M for a 35min. dive in 29m deep. I got back to the boat knowing something was definitely wrong with my new BCD the 2 straps holding the lift harness had come apart! Too rough for a second dive - home, wash gear, shower and tea at the Fishermen Club and a few beers. With the strong N-E winds plans were made to do Green Cape wrecks tomorrow (these wrecks are protected in N-E winds). A competition was held whilst walking back to the house - who could kill the most cockroaches. - heaps everywhere.

DAY-2 SUNDAY 17/1 Up reasonable early, a quick breakfast and a drive about 1/2 hr south to the turn off to the dirt road into Womboyn and 20mins. to the small boat ramp in a cove behind the caravan park. Boat was launched quickly in the water and a steady speed towards the entrance a noticed a big improvement they had **channel markers** -the proper ones instead of the bits of timber pushed into the sand to show the channels .Even so Michael had to direct me down the channel while sitting on the bow - the prop was nearly out of the water (tilted). We saw some really big waves 2M+ crash at the bar so we stopped, walked up to check it out some more, then the seas flattened out and a 12' tinny with 3 fishermen came screaming out and got out

SEADRAGON NEWS

with no problem . Straight back to the boat and over a few waves we were out to a flat sea and no wind. First stop had to be a look at the point Green Cape and the location of the SS LY-EE-MOON (1859 and sank on the 30th May 1886 with 71 lives lost) The dimensions of the ship length - 282.7', breadth - 27.3', depth - 16.6'and 1202 tons gross .We swam the south side of the small bombie small amount of wreckage, plates, bronze bushes in about 10M no current and heaps of fish . BCD fell apart again! After the dive we noticed seals sunning themselves a little north, a few pictures and a decision was made to call it a day due to the falling tide in the river and the bar . We travelled back and looked at the vis. on the other 2 wrecks . Home ,wash gear, shower ,clean up then I go shopping with Roy for a needle and some thread and some repairs to a BCD, Roy buys a clip to hang his comeback reel on his BCD and automatically becomes a high tech diver ??- then some tea at the Fishermen Club and a few beers .

DAY-3 MONDAY 18/1 A very strong N - NE wind early in the morning 7.00am meant Green Cape again . This time straight down the river over the bar to the wreck on the SS CITY OF SYDNEY located just off a top fishing spot called "City Rock" they balloon float baits offshore by about 350M-400M straight over the wreck if they can . The seas are calm due to the headland protecting us , a 36 min. bottom time in 21.4M of water . This is a scattered wreckage with engine , 2 Admiralty anchors 2.5M high - heaps to video. Built in 1853 sank 6th November 1862 , Dimensions - length-207.8', Breadth -27.0', Depth -17.3' and tonnage 735 ton gross . A coffee break and a 5 min run to the SS NEW GUINEA dive site . Built in 1884 sank 13th February 1911 , Dimensions - length - 300.0', Breadth - 40.1', Depth -24.5' and tonnage 2674 ton gross . Every thing at this site is large props , prop shaft wreckage everywhere in 9.6M of water = plenty of bottom time. PS the BCD held together . The winds are gale force but are going straight over us , Home ,wash gear , shower ,clean up then some tea a BBQ at the house ? and a few beers .All the tanks only have to be taken next door to Peter's house where he fills them .

DAY-4 TUESDAY 19/1 A slight N - NE wind early in the morning meant Green Cape again .Straight down the river over the bar NO WAVES to the wreck of the SS LY-EE-MOON on a flat sea and no wind. This time I did not take the video due to the fact we had been told to dive further around the back of the bombie to a depth of about 3-5M in the small gutter - heaps of wreckage was found including parts of a another wreck ?????? a bit of surge and a 54 min.bottom time was worth the effort . Second dive was on the SS NEW GUINEA I swam wide to a depth of about 15.5M for 61min. bottom time with the video. On the way back to the ramp a "black southerly" change was starting to roll in , in the distance we could see rain coming. Back at the house a made rush occurred to batten down the hatches as the storm hit with all its power . GOOD - We dive the other wrecks tomorrow . A change in eating habits BYOG Chinese restaurant.

DAY-5 WEDNESDAY 20/1 Overcast and no wind or rain in the morning so we launch the boat at the ramp at Quarantine Bay - (Eden) across Twofold Bay pass Boyd's Tower around Red Point and south to the site of the timber Barque (vessel with fore-and main masts square - rigged) LANERCOST built in 1859 which sank on the 24th November 1872 near Mowarry Point . The dimensions of the ship length - 123.7', breadth -25.9', depth - 17.3' and 358 tons gross . As this was a timber wreck not much was to be found, I found the anchor chain - a large pile of rusted links and the remains on a large Admiralty anchor was found about 30M away and up a sloping ledge 6M above the ocean floor. This anchor is about 150mm (6 inches) in diameter at the main eye stem and about the same diameter on the curved flute ends. One of the flutes and the main section have both been broken off - (see diagram) like with a power saw ???? I have some video of this anchor. The depth I dived to was 18M for a 50 min.dive, Michael found the sand at about 24M where timber sections are to be found. For about 20mins of this dive I had a large long-nose boar fish swimming with me at all depths even mid water - very tame! A coffee break still quite calm we decide to venture further south around Mowarry Point to the wreck site of the steam driven fishing trawler OLIVE CLAM built in 1920 which sank on the 2nd November 1954. The dimensions of the ship length - 128.5', breadth - 23.5', depth - 12.6' and 289.45 tons gross. The sea was slight as the wind was coming from the S-W we dived 10.2M deep for 64min dive gave us plenty of time to find the large boiler, Admiralty anchor and wreckage scattered across the 3 gorges where it hit the rocks .A quick trip home with flat seas ,wash gear , shower , clean up then some tea at the Fishermen Club

Eden99.wps

SEADRAGON NEWS

and a few beers the wind had started to turn East with a strong wind chop. Diving location for tomorrow would depend on the morning conditions - hoping we can get to the SS EMPIRE GLADSTONE at Haystack Rock off Merimbula .It rained heavy at night - not a good sign .

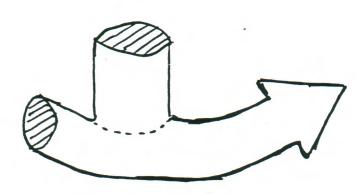
DAY- 6 THURSDAY 21/1 Overcast a bit of rain and HEAPS of East wind early in the morning decision was made to dive the tug HENRY BOLTE across Twofold Bay pass Boyd's Tower around Red Point and slightly south the sea was running about 2+M wind chop/swell. This wreck has changed a fair bit-for the worse the sea is claiming it. When it was scuttled it hit a large rock and slid sideways cracking the hull, to day from this crack to the prop the ship has twisted the rear deck section nearly vertical (about 80 degrees) near the rope locker it also has been opened up more. Large cracks can be seen in the forward bridge / cabin section and I expect this section will collapse soon. Depth of 27.5M for a 33 min bottom time. Straight in the boat no time wasting, I need a coffee - not yet seas are rough home ASAP. Definately NO second dive., it starts to rain - glad we had wetsuits on! T This was the day Sydney had a record rainfall for January and had been raining nearly all week so we could not complain. Same old system wash gear and clean up. Back to the BYOG Chinese restaurant for tea while walking back later the team fell apart Michael and Roy decided to stop for one (1) beer at the pub. Well 4 hours later I went to bed without seeing them - was it the good beer they had? one glass or the female company they found? I do not know who mislead who?????

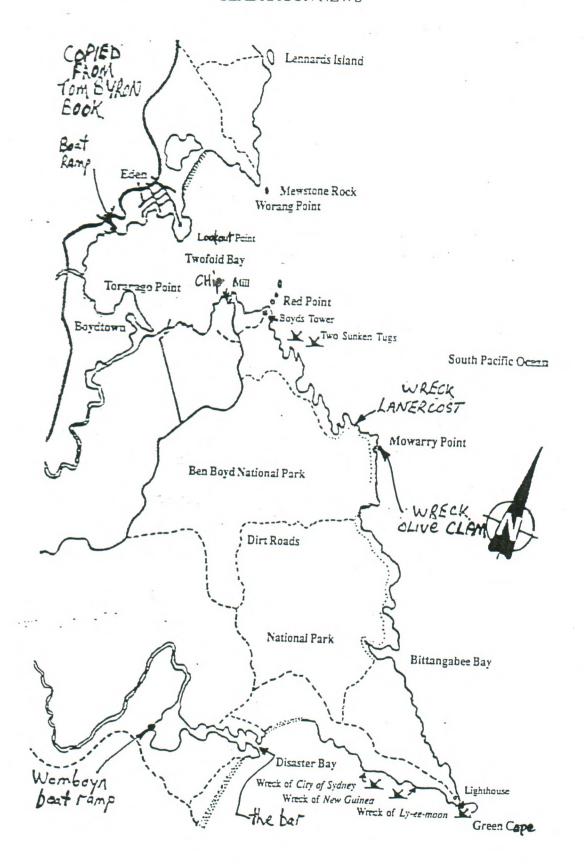
DAY-7 FRIDAY 22/1 John and myself drive to the lookout over Twofold Bay to check the conditions out - large swells with wind we notice one boat going out and bouncing over the waves before turning around to head bach in . Rest day I though John wants to go rally driving so the 4 of us head down to Green Cape in his 4WD to check out the shore wreckage of the "Moon" and its grave yard and the "Terrace Star" then to Bittangabee Bay for lunch which is safe anchoring if required . Down the dirt road to check out a few more spots . Home to pack I have too much food over to take home, will be in the bad books for sure still quite cloudy and up the club for tea Say goodbye to Peter for all his help-see him next trip . We all decide it was a good week we dived 9 times on 7 different wrecks .

DAY-8 SATURDAY 23/1 RAIN and more RAIN Michael and John leave early we get away about 9.00am - no rush, we have all day to travel, back the same way It rains all the way until we get to the top of Brown's Mountain. Lunch on the way and home early afternoon.

Time required now to build up those valuable brownie points before next trip.

I must give thanks to Tim Smith from the N.S.W. Heritage Office for the GPS positions of the Olive Clam and the Lanercost and a photocopy of their report of their records on the shipwrecks in this area.





MAP OF THE EDEN WRECKS