

SEA DIVERS

OCTOBER 1988

OCTOBER 2 *** BEACH DIVE, ALISO CREEK, SOUTH LAGUNA
OCTOBER 5 *** GENERAL MEETING PANCHO & WONGS 7 PM
OCTOBER 12 ***** EXECUTIVE MEETING BAXTER'S 7 PM
OCTOBER 22 ***** ANNUAL HALLOWEEN PARTY
OCTOBER 30 ***** BOAT DIVE, SAN NICOLAS ISLAND

NOVEMBER 1988

NOVEMBER 1 *** GENERAL MEETING PANCHO & WONGS 7 PM
NOVEMBER 6 ***** BEACH DIVE, WHITES POINT/ ISSEI COVE
NOVEMBER 9 ***** EXECUTIVE MEETING BAXTER'S 7 PM

DECEMBER 1988

DECEMBER 3 *** BOAT DIVE, SANTA BARBARA ISLAND
DECEMBER 6 *** GENERAL MEETING PANCHO & WONGS 7 PM
DECEMBER 14 ***** EXECUTIVE MEETING BAXTER'S 7 PM
DECEMBER 29 ***** OFFICER INSTALLATION PARTY

General Meetings are held the first Tuesday of every month. A no host social hour precedes the meeting from 6 PM to 7 PM and a feature presentation follows the business meeting. The meeting is held at Pancho & Wongs at King Harbor. Executive Meetings are held the second Wednesday of every month at Baxter's in the Manhattan Beach Mall.

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NOVEMBER 1988						
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DECEMBER 1988						
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DIVERS DIRECTORY



<u>POSITION</u>	<u>NAME</u>	<u>DAY PHONE</u>	<u>EVE PHONE</u>
PRESIDENT	Allen Parker	536-2614	370-1657
TREASURER	Kathi McNally	812-2385	370-1657
SEA REPRESENTATIVE	Vacant		
SECRETARY	Sandi Anderson	373-5430	373-5430
DIVING OFFICER	Ken Sizemore	410-3932	371-2636
BOAT DIVE CHAIRMAN	Allen Parker	536-2614	370-1657
BOAT DIVE RESERVATIONIST	Michael Borden	535-0883	372-7764
BEACH DIVE CHAIRMAN	Billy Garret	217-6470	324-8424
PROGRAM CHAIRMAN	Dicie Sizemore	932-2473	371-2636
MEMBERSHIP CHAIRMAN	Kathi McNally	812-2385	370-1657
NEWSLETTER EDITOR	Patrick Minor	536-3005	378-9350
HOSPITALITY CHAIRMAN	Robin Grant	823-2552	823-2552
LONG RANGE PLANNING	Lani Garret	536-2344	324-8424

OCTOBER PROGRAM FEATURES DEXTER KELLY

TRW Sea Diver member, Dexter Kelly, will be telling us about a pet project of his – planting “baby” abalone along the coast. Dexter became involved in this program through the GLACD (Greater Los Angeles Council of Divers) which ran the project in conjunction with the Southern California Edison Company.

Dexter will tell us how they obtained the abalone, how they prepared “housing” for them, where they distributed them, and what the outcome of the project has been thus far. He also has some slides to share with us showing some of the details.

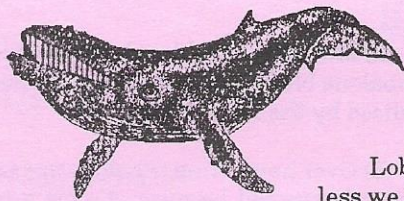
Whether you are interested in abalone for conservation purposes or future dining purposes, you'll be glad to know that there are people out there who are doing something worthwhile to re-populate the area with abalone.

Join us on October 4th for Dexter's presentation at our new meeting location – Pancho and Wongs.

Dicie Sizemore
Program Chairman

ATTENTION!!!!!! VERY IMPORTANT!

SORRY EVERYONE: WE HAVE HAD A LITTLE MIXUP WITH OUR NEW MEETING LOCATION. THERE IS ANOTHER CLUB MEETING THERE ON TEUSDAYS, THEY ARE A SMALL CLUB AND HAVE AGREED TO MOVE IN SUBSEQUENT MONTHS. BUT THIS MONTH WE WILL HAVE TO MEET ON THE 1ST WEDNESDAY OF THE MONTH, OCTOBER 5TH IN THIS CASE. IT WILL BE AT THE NEW LOCATION PANCO & WONG'S IN KING HARBOR



FROM THE EXECUTIVE OFFICE

Lobster season already – give me a break, how could 1988 be so far gone already!? Nevertheless we have still lots of diving and club activities remaining this year. As of writing we have our two day on the “PEACE” and two single day charters, one on the “Wild Wave” and one on the “Bold Contender”. We also have beach dives planned for 2 October at Aliso Creek (details elsewhere in the newsletter) and 6 November at White Point. We also plan a full schedule of beach diving for 1989 including the Avalon Harbor clean up (lots of fun) in January, Jade Cove in July and at least one weekend down Mexico way! Social events remaining this year include the Halloween Bash on the 22 October, and a Xmas/New Year/Officer Installation party at Robin Grants on 30 December.

We have had several members volunteer to be club officers in 1989, but we are still looking for more – the club is really only as good as it's Executive Committee, – stand up and be counted! We will be voting for our 1989 officers in early November so the time is now.

As you will note on the front page we are moving to Pancho & Wong's (beginning with the October meeting) at the North end of King Harbor. We, for the time being will continue to hold our Executive Meetings at Baxter's. Days and times remain the same as before for both meetings.

A couple of reminders to you boat divers ... Boat provided alcoholic drinks (usually beer) are not included in the all inclusive price, you should pay the galley person separately for the drinks you consume. The club usually provides wine with dinner on our two-day charters, and that is included. Also, as mentioned in an earlier Newsletter, it is customary to tip the crew for their efforts. The tips are not just for the galley person(s) but for the whole crew. Our boats are still filling early – call Michael (Borden) at (213) 372-7764, so as not to miss out!

Did you write to the Congressmen on the San Nicholas/Sea Otter issue?? If not start NOW ...

The club is slowly growing with about 150 members, and active divers and non-divers are having a great time ... If you are not active try one of our upcoming events, we believe you'll enjoy. If you need help, advice or just encouragement call one of the club officials and we'll point you in the right direction. Our membership ranges from quiet and shy (like me) all the way to crazy, so we can fit you in someplace!

BE SAFE OUT THERE.

A CALM, QUIET, SUNNY DAY OF DIVING AUGUST AFTERMATH

Well we knew the boat was full, with a relatively long wait list, but at 12:30 AM on Sunday 21 August the Wild Wave was still three divers short of a full twenty-eight load. At 3:15 AM John Delaney along with John Pittman awoke me to let me know there were twenty-nine people on board – one more than the Wild Wave's license! John P. cannot risk his papers so we have to decide who does not go on the trip – a tough decision with everyone asleep! The outcome was that Kathi M. volunteered to be the stukee, for which she deserves a “BIG” hug (careful guys) and a thank you!

After three hours of very smooth cruising the anchor was dropped at about 6:30 AM on the South side of Gull Island, with dive depth possibilities of forty feet towards the island to over one hundred feet in the opposite direction – guess which way Delaney went! The dive was pretty, but did not yield much game – a few good size fish and a smattering of abalone including one or two pinks.

We then cruised up the west side of Santa Cruz and dropped anchor close to the mid-point of the island's west shoreline. Visibility was not great but adequate and those divers who found the abalone clusters limited out at this spot. Turning around we cruised back and anchored near Posa Anchorage which yielded a few more red abalone, fish, and better visibility.

By now the sun was out, warm and we had another really gorgeous day to enjoy.

A few divers succumbed to the sun, showered and began sunning, relaxing and socializing. Some of us trucked on to the fourth dive spot on the reef between Gull Island and Santa Cruz, which is a pretty dive and used to have all kinds of easy to grab game. The game hunters did bring up a small number of abalone, scallops and fish, but apparently the area has been overdived, at least from a gametakers standpoint.

More divers succumbed to the sun and the day, but a few souls waited for the fifth and final dive which was close into the vertical Santa Cruz cliffs a few miles east of Gull Island, and once again – in good visibility – small amounts of game were found and brought aboard.

The Wild Wave was experiencing some main generator malaise, which to this point had little or no effect on our day. However, I was in the midst of my post diving shower – almost the best part of diving – when the water stopped as I was fully soaped-up ready to rinse off. I stood looking around looking like some kind of weird summer snowman for twenty minutes before John, Joe or somebody CPR'd the electrics back into life!

CONTINUES NEXT PAGE

The cruise back to Ventura was just beautiful. So far this year we have had calm water and sun for just about every charter – let's hope it continues through at least our two-day in September!

We arrived back at the dock to be greeted by Kathi M. and our Fish and Game friends who proceeded to check quite a few of our divers and their booty (all passed!). Ken S. was not at all impressed by the process, and had a few words of "wisdom" for the two officers!!! It was an excellent day out, with some good safe diving (no rescues!) and one of the best weather days we could hope for. Sorry if you missed it!

Just a footnote on the all inclusive food. Josh, the galley hand, was not totally awake for breakfast, but improved as the day went by! There were lots of munchies, including fresh fruit, cookies, fresh veggies, dips, chips sweet rolls, candies, etc. Early lunch provided us hamburgers, with all the trimmings and on the cruise back, late lunch – or was it early dinner – featured barbecue steaks, corn, potato and macaroni salads, dinner rolls, green salad and the usual trimmings. We also cooked up some abalone, fish and scallops!!! I think we all weighed ten pounds more Sunday evening than we did twenty four hours earlier. The drive home was tough!



QUOTES OF THE MONTH

"ALL MY ELECTRONICS BEL-
LIED -UP, SO I GUESS I'M
THROUGH FOR THE DAY"

"IS THAT THE LADY THAT
WEARS THE SEE THROUGH
BATHING SUIT?"

HOW WOULD YOU KNOW IT'S A
METRIDIUM, YOU ONLY
JUST FIGURED OUT
WHAT A
NUDIBRANCH
IS?"



THE FOLLOWING IS AN EXCERPT FROM THE LEAFLET CALIFORNIA ABALONE BY PETER L. HAAKER, KRISTINE C. HENDERSON, AND DAVID O. PARKER. MARINE RESOURCES LEAFLET No. 11

FISHERY

Abalone have always been important in California's economy—particularly in coastal areas. Commercial fishing for abalones began in the mid-nineteenth century when the Chinese, primarily railroad workers, began to harvest them. Also hunting of sea otters (a major abalone predator) to near extinction no doubt aided the fishery. By the twentieth century people had become concerned over the large number of abalone being harvested, so ordinances were passed against taking abalone in shallow water.

The non-diving Chinese who harvested abalone by using long, hooked poles from skiffs were soon replaced by the Japanese who used diving gear. First they engaged in free diving, with a barrel float to rest on. Later they turned to hard hat diving in deeper water. The Japanese dominated the fishery until the second World War. Since then divers have been using the lighter, more efficient surface supplied hookah equipment still in use today. Today's seaworthy vessels are specialized and fast, traveling to the most distant fishing areas on daily trips.

The recreational fishery is made up of shore pickers looking for abalone in rocky areas during low tides, and divers working the deeper water. In northern California (north of Yankee Pt., Monterey County) only shore picking and skin diving is permitted. South of Yankee Pt. scuba gear may also be used. The abalone fishery has undergone marked declines since the middle of the twentieth century. A two-year study (1974–1975) and subsequent observations by the Department of Fish and Game have identified six major reasons for the abalone's decline.

1) Predation. Sea otters (major abalone predators) expanded their range in central California virtually eliminating recreational and commercial fisheries for abalone and other vertebrates. Commercial abalone harvesting is now primarily concentrated in southern California.

2) Mortality of sublegal sizes. Sublegal abalone bleed to death when the foot is sliced by the harvesting iron.

3) Over harvesting. Abalone are easily over harvested because of slow growth and variable reproductive success. Initial high harvests cannot be sustained.

4) Competition. Sea urchins (major competitors) increased in number, utilizing abalone food and living space.

5) Illegal harvesting. Some people ignore the regulations enacted to protect abalone, because abalone bring high prices.

6) Loss of habitat. Coastal "development" and pollution have ruined large areas of abalone habitat

Reduced abalone stocks and declining yields in many areas, have led many researchers to investigate ways of enhancing the stocks. Active enhancement involves planting hatchery-reared juveniles and transplanting adult spawners into depleted areas. Passive enhancement involves the natural rebuilding of abalone stocks by closing areas to all harvesting. Studies have shown that enhancement is a slow process and may require decades to accomplish. In addition, once an abalone population is reestablished, regulations will be required to ensure long term yields.

MARICULTURE

Abalone are attractive candidates for mariculture (the growing and marketing of marine organisms under controlled conditions). In the 1960's and 1970's researchers from academic, government, and private sectors developed the technology to spawn and raise juvenile abalone. Growth rates, food requirements and hatchery overhead precluded rearing them to sizes taken by the fishery. However, several markets for small abalone have been developed, including export to the Orient, innovative domestic restaurant use and the processing of small abalone into a single, large steak. In addition, hatchery-reared juveniles have been used in enhancement experiments. The future of abalone mariculture will depend to a large extent on continued development of domestic markets, further improvements in the cultivation biology and technology and on favorable price competition with the commercial fishery.

DECEMBER SINGLE-DAY BOAT DIVE

03 DECEMBER 1988

SANTA BARBARA

BOLD CONTENDER

MEMBERS \$64

(INCLUDES FOOD AND AIR)

NON-MEMBERS \$73

A something for everyone dive! This will be our second lobster dive of the new season and our last ABALONE dive of this year's season. Photographers and looky-loos will also enjoy this trip, to some very pretty dive spots. We are on the BOLD CONTENDER out of Ports 'O Call with boarding at 9:00 PM on the 2nd for an early AM departure on the 3rd. MORE DETAILS IN NEXT MONTHS NEWSLETTER - Call Michael (Borden) at (213) 372-7764 for early sign-up, our boats are overfilling again!

BEACH DIVE

02 OCTOBER 1988

ALISO COUNTY BEACH - SOUTH LAGUNA ALISO CREEK

0.5 Mile frontage; swimming, surf fishing, scuba, picnicking, fire rings; parking; rest rooms, showers, concessions..

It is a sandy beach with a mild surge break. Within 50 yds of shore the depth is approximately 25 feet. It is a short swim to a very pretty reef with many under-cuts & small caves. There are more small reefs to the north. Excellent for photography, and some spear fishing, for bass & perch around the reef & Halibut in the sandy areas.

CLOSEST DIVE SHOP;

Laguna Sea Sports – 15 minutes north in Laguna Beach.

Black Barts – 15 minutes south in Dana Point.

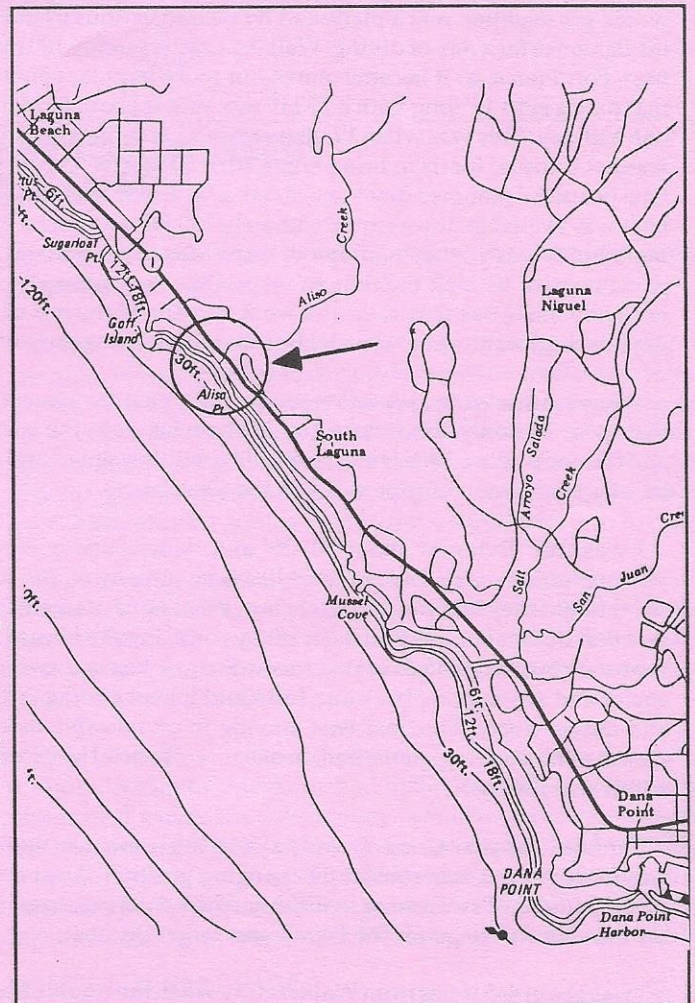
DRIVING DISTANCE/TIME: (FROM REDONDO BEACH)

Approximate – 60 miles/1.5 hours

DIVE STARTS AT ≈ 10:00 to 14:00

DIVE MASTERS WILL BE STATIONED AT THE NORTH END OF THE PARKING LOT.

ALISO IS LOCATED JUST SOUTH OF SOUTH LAGUNA BEACH.



SINGLE-DAY LOBSTER DIVE

30 OCTOBER 1988

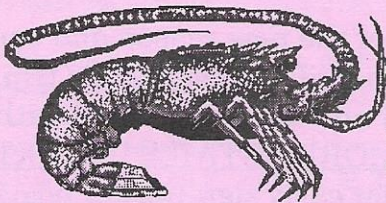
SAN NICOLAS

WILD WAVE

MEMBERS \$66

(INCLUDES FOOD AND AIR)

NON-MEMBERS \$73



Panulirus inflatus (Bouvier)
"Spiny Lobster"

Bug time! How time flies when you are having fun - seems like only yesterday LOBSTER season closed, but here we are again signing up for our first dive of this LOBSTER season. Despite all the press, rumors, lies and innuendos we are anticipating making San Nicolas Island on the WILD WAVE fast and under cover of darkness so that we can make an early morning night dive. Remember to pack your dive lights, chem lights and face black for camouflage.

Assuming our night time surprise attack is successful we will prowl the SAN NICOLAS environs for the remainder of the day, making four or five dives for LOBSTER, ABALONE, and FISH. Should we be attacked by either the Navy and/or Fish and Wildlife we will assess our opponents equipment - anything from a bullhorn from the beach up to a fully equipped destroyer - and decide whether the WILD WAVE's big V-12's can do the job. You may have noticed the WILD WAVE flies the Skull and Crossbones pennant may turn out to be appropriate!

Diving this time of year is usually comfortable at SAN NICOLAS, but beginners should discuss diving conditions with the divemaster at each dive spot, as ocean conditions are quite variable.

This trip usually fills fast, and with this years added "excitement" the boat is almost full as of this writing. Call Michael (Borden) at (213) 372-7764 for early sign-up and Allen (Parker) at (213) 536-2614 for information or inputs to the dive. Boarding will begin at 9:00 PM on the 29th for a midnight departure. **DON'T MISS OUT!**

LESSONS LEARNED

During the early seventies I was living in Southern Florida. Two or three times a month a small group of us (normally 3 or 4 divers) would get together, rent a plane and fly over to various islands in the Bahamas for a day of diving. Walkers Cay is roughly 100 miles from Fort Pierce, so it became one of our more popular spots. At that time a skiff 16' long with a 75 HP motor cost about \$75.00 for one half day. This was when Walkers cay was at its heyday and it was not unusual for us to bring home 40 or 50 lobster, conch, etc. One beautiful summer day we arrived a little late and only one boat was available. It was approximately 100 HP and cost a little more but it was all they had. In our eagerness to get out and get game none of us took the time to inspect the boat properly. We normally made one tank dive and went free diving the rest of the day, since game must be taken by free diving and sling guns only.

Whoever threw the anchor overboard didn't bother to mention that there was only about three feet of chain between the anchor and the anchor line. This is a very unsafe condition since coral can be very sharp and cut rope easily in the Caribbean.

I was free diving at about 30'-35' and noticed the boat was moving farther away. My two buddies were already on the boat, so I thought they had pulled the anchor. What none of us realized was that the anchor line had been cut by coral. Finally I heard the boat start but instead of coming towards me it began moving in circles and zig-zagging back and forth and it kept getting farther and farther away. The boat was moving in an unstable pattern because the steering cable had broken - hence the steering wheel was useless!

The boat was positioned far away and trying to swim to the boat was futile since it was constantly changing position. After about 20-30 minutes of swimming in different directions I realized that my best bet was to go for the Island and forget the boat.

I was about 4-5 miles from Walkers Cay when the trouble began

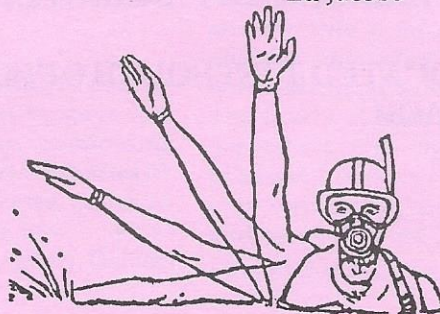
and spent roughly 3-4 hours in the open ocean. Believe me, it gets lonely out there!! At one point a 10'-12' Hammerhead Shark swam in front of me at a right angle, made a 90° turn, swam by me and kept going.

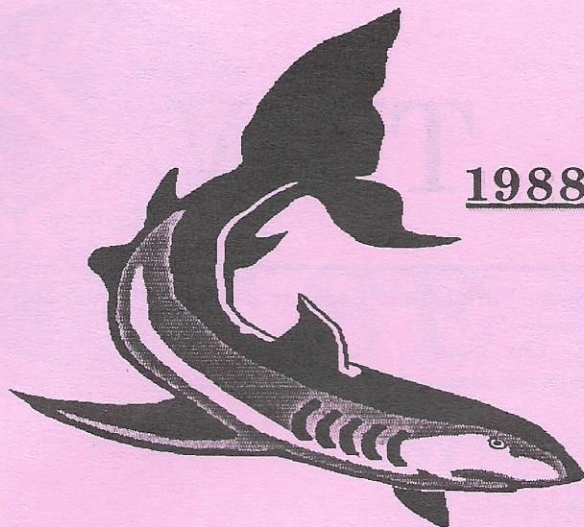
Meanwhile my buddies had managed to get back to the island by steering the motor by hand - which was quite a feat since it was so large. When they got back to the island an amphibian plane had landed dropping off some passengers. They took off immediately in search of me and also radioed Freeport for another plane to help in the search. Within an hour there were two planes and about a half dozen boats out looking for me.

Finally one of the planes spotted me and began circling until a small boat came over for the pick-up.

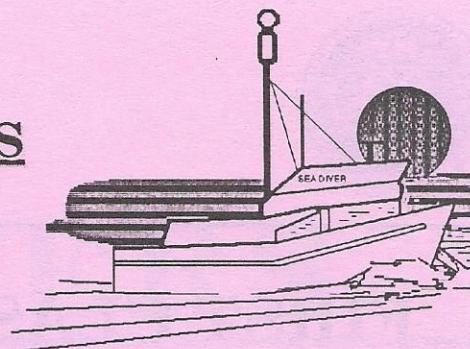
Over the years anchor problems seem to be number two next to current in problem situations, when using a private boat. Today I periodically clear my anchor line and chain and utilize a 30 foot chain on my boat to minimize breakage and slippage. It is also a MUST to check out the anchor immediately after entering the water - See Lessons Learned February 1988 issue.

Yours truly
Ed Jacobs





1988 BOAT DIVES



THE 1989 BOAT DIVE CALENDER WILL BE IN NEXT MONTH'S NEWSLETTER.

Sunday	30 October 88	San Nicholas	Wild Wave 22ND.Street
Saturday	03 December 88	Santa Barbara	Bold Contender Ports'O Call

Wild Wave - 22ND Street Landing:

South on Harbor freeway, left on Gaffey, left on 22nd street, down the hill and park in designated areas.

Bold Contender - Ports'O Call:

South on the Harbor freeway, left at Gaffey, left on 6th Street, cross Harbor Blvd. and turn right into the Ports'O Call complex. Follow the road into the Ports'O Call parking lot and park on aisle 3 or 5. The boat is at Berth 76

Peace - Ventura Marina:

North on Ventura freeway to Victoria Ave. in Ventura. Turn left onto Victoria and continue to Olivas Park Drive. Turn right and continue all the way down toward the beach and on to Spinnaker Drive. Park adjacent to the berth which is behind HornBlowers Restaurant.

DIVE BOAT POLICY

- 1) A club member may, but is not required to, have a boat deposit on file with the club.
- 2) A club member will have a confirmed reservation on an upcoming dive only if:
 - a) A check in the full amount for the dive has been received by the dive boat reservationist, or
 - b) The club member has a deposit on file with the club and makes a telephone request for a reservation with the dive boat reservationist.
- 3) Any reservation may be cancelled two weeks prior to a dive with a full refund. Cancellations will not be accepted within two weeks prior to the dive unless a diver holding a reservation can sell or transfer their reservation to another qualified diver. The dive reservationist will assist in this process, but is not responsible to provide paying alternates. When confirmation is received by the dive boat reservationist that a cancelling diver is being replaced by another qualified diver, the replacement diver is then fully responsible for the cost of the dive.
- 4) If a diver has a deposit on file with the club and uses that deposit to secure a reservation on a boat dive, he may not use that deposit to secure any additional dives until he has paid the club for the first dive. Two years after a diver has ceased to be a member of the club, his unclaimed dive boat deposit will be forfeited to the club.
- 5) Only TRW club members and members of other selected clubs may make boat dive reservations prior to one month before a scheduled boat dive.
- 6) Partial refunds from boats which do not make the advertised dive location will be passed on to members who request them within two weeks of the dive.

BOAT DIVE RESERVATION FORM

DIVE DATE: _____ DESTINATION: _____

NAME OF DIVER(S): _____

PHONE (DAY): _____ (EVE): _____ COST OF DIVE: \$ _____

MEMBER: YES ☐ NO ☐

Please make checks payable to TRW SEA DIVERS and mail to:

Michael Borden
1534 Manhattan Beach Blvd.
Manhattan Beach, CA. 90266
(213) 372-7764



TRW

One Space Park S/1420 Redondo Beach, California 90278

FIRST CLASS MAIL

ADDRESS CORRECTION REQUESTED



TRW SEA DIVERS MEMBERSHIP APPLICATION

NAME _____ HOME PHONE _____
ADDRESS _____
CITY _____ ZIP CODE _____
WORK PHONE _____ EMERGENCY PHONE _____
EMPLOYER _____
IF TRW EMPLOYEE: M/S _____ BADGE _____ EXT _____
CERTIFICATION DATE _____ TYPE (NAUI, PADI, ETC.) _____ ADP _____ NIGHT DIVER _____
Do You want your name on a dive buddy list? Yes _____ NO _____
Date of last dive _____
Type of diving preferred: beach/boat/skin _____
Type of diving you are interested in? _____

1988/Dues: TRW Employee \$2.50 _____ TRW Family Membership \$5.00 _____
Prorated Non-TRW Membership \$5.00 _____ Non-TRW Family Membership \$7.50 _____
for NEW MEMBERS

Please make checks payable to TRW SEA DIVERS and mail to :

TRW SEA DIVERS
One Space Park, S/1420
Redondo Beach, CA. 90278