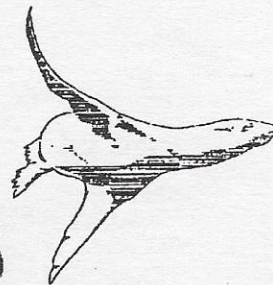


THE SEA DIVERS



IN AFFILIATION WITH AMERICAN DIVING

FROM THE EXECUTIVE VIEWPOINT...

As I believe I alluded to in the previous Executive ramblings SCUBA diving is, for whatever reason, in a downside dip. For the first time in awhile we have had some difficulties filling our boat dives, especially those on the *Peace*, which is very surprising. We priced our dives extremely competitively (check other prices if you are a non-believer!) and as a result got burned a couple of times. Never the less the treasury is still in good shape but obviously we need to watch our dollars and sense. One thing that you can do, as a Club Member, is to support Club Charters. There are a lot of competing activities but when you have a choice support your Club and we'll be just fine. In particular the *Peace* two-day Sat/Sun, 2/3 December needs additional sign-ups, in order to avoid another burning. We've generally had a good year with just a couple of charters not well supported. Needless to say, prices will have to increase for 2001. Support the Club!!

A.P.



NOVEMBER GENERAL MEETING

BARBARA DOWELL – DIVING THE ISLAS REVILLAGIGEDOS

Barbara Dowell is an avid diver and a trained Divemaster. She had her first diving experience at age 7 in a bell to 20 feet in Bermuda. She was hooked from that day on. Her second experience didn't come until the early 80's at Club Med in Cancun. Unfortunately, she left with the mistaken impression that she was certified. About a year later when some friends of hers from New Zealand loaned her some gear to join them lobster diving and she almost died she realized she needed some more formal training.

Barbara has been diving formally since 1984 and has dove numerous places in Mexico, the Caribbean and across the United States. She acquired her Divemaster rating in 1994 and also took up underwater video in the 1990's.

At the next General Meeting, Barbara is going to tell us about a trip she took to the Islas Revillagigedos on the Solmar V in April of last year. The island chain is a marine preserve about 250 miles west of Cabo San Lucas. Her group dove San Benedicto, Socorro, and Roca Partida Islands. Although the diving is not colorful, it is riveting with manta, shark, and dolphin experiences of a lifetime. You can imagine being in a cave with a dozen napping white tip sharks, diving with dolphins, and watching magnificent mantas enjoy you tickling them as they cruise by.

So bring your imagination to the next General Meeting on Tuesday November 7th starting at 7:00 PM at Round Table Pizza in Hawthorne.

EXECUTIVE DIRECTORY

<u>POSITION</u>	<u>NAME</u>	<u>DAY PHONE</u>	<u>EVENING PHONE</u>	<u>FAX</u>	<u>E-MAIL</u>
PRESIDENT	ALLEN PARKER	813-2955	540-1044	814-6630	allen.parker@trw.com
VICE PRESIDENT	KATHY DACEY	814-6131	540-1044	812-9976	kathy.dacey@trw.com
SECRETARY	(OPEN)	-----	-----	-----	-----
TREASURER	ALLEN PARKER	813-2955	540-1044	814-6630	allen.parker@trw.com
DIVING OFFICER	JOHN MOWREY	370-1724	370-1724	N/A	john0809@earthlink.net
MEMBERSHIP CHAIR	KATHY DACEY	814-6131	540-1044	812-9976	kathy.dacey@trw.com
BOAT DIVE CHAIR	JOHN TADLOCK	N/A	949-645-1195	N/A	tadlock@earthlink.net
BEACH DIVE CHAIR	BILLY GARRETT	530-2944	530-2944	N/A	billani@earthlink.net
BOAT DIVE RESERVATIONIST	CURT BILLINGS	909-945-3461	909-945-3461	909-477-2746	curt@diver.net
PROGRAM CHAIR	PETER LANDECKER	364-8725	374-0505	364-5027	peter@diver.net
NEWSLETTER EDITOR	KATHY DACEY	814-6131	540-1044	812-9976	kathy.dacey@trw.com
HOSPITALITY CHAIR	KATHY KALOHI	N/A	719-1816	N/A	jkalohi@earthlink.net
LEGISLATIVE INFO CHAIR	PHIL BERGERON	813-0511	379-0972	N/A	phil.bergeron@trw.com
WEBMASTER	CURT BILLINGS	N/A	909-945-3461	909-477-2849	curt@diver.net

WRITING FOR THE SEA DIVERS NEWSLETTER

If you would like to write an article for the newsletter or you have an idea to improve it, please write to Editor Kathy Dacey, c/o The Sea Divers, P.O. Box 2415, Redondo Beach, CA 90278, or call me at the above numbers. I am always in need of Lessons Learned articles and new graphics or cartoons. Inputs should be typed, but can be handwritten (not responsible for errors caused by illegible handwriting). Inputs may also be given to me via floppy media in any of the major word processing program formats or e-mailed to me at kathy.dacey@trw.com. Permission is given to reproduce in whole or in part. Please credit the author and/or The Sea Divers Newsletter.

GENERAL MEETING

Held at 7:00 PM the first Tuesday of every month. A no-host social half-hour precedes the meeting from 6:30 to 7:00 PM and a feature presentation follows the business portion of the meeting. The meetings are held at Round Table Pizza, 4330 Redondo Beach Blvd., (one block east of Hawthorne Blvd. in Ralphs/Savon Center) Torrance, California (310) 371-8009.

EXECUTIVE MEETING

Held at 7:00 PM on Thursday as required on the week following the General Meeting at a South Bay Restaurant. (See calendar on back page, President calls meetings as needed).

MEMBERSHIP APPLICATION

NAME	SIGNATURE		
ADDRESS			
CITY			ZIP CODE
HOME PHONE ()	WORK PHONE ()		
ADDITIONAL NAME (FAMILY MEMBERSHIP)			
EMERGENCY CONTACT	PHONE ()		
EMPLOYER			
CERT NUMBER	TYPE [PADI, NAUI, ETC.]		
CERT DATE	LACC ADP (or equivalent)	DATE	
NUMBER OF DIVES LOGGED	DATE OF LAST DIVE		
E-MAIL ADDRESS			
Type of diving preferred: beach/boat/skin			
[] SINGLE MEMBERSHIP	\$18.00 (to 6/30/01)	(Annual dues 1 July - 30 June are \$24 single/ \$36 family and are prorated quarterly for NEW members)	
[] FAMILY MEMBERSHIP	\$27.00 (to 6/30/01)		

Please make your checks payable to THE SEA DIVERS and mail to:

THE SEA DIVERS, P.O. BOX 2415, REDONDO BEACH, CA 90278

LAST CHANCE AT THIS PRICE!

2/3 Dec 2000 (Sat/Sun)

Northern Channel Islands

PEACE

Members \$185

Everything Included!

Boarding: 7:00 PM (12/1)

Non-Members \$200

Departure: 12:01 AM (12/2)

Once more our final charter for the year in on the *Peace* to the Northern Channel Islands, as always weather permitting. Last year the weather was good so hopefully this year will be the same or better. Our plan is to head for either San Miguel or Santa Rosa on the first day and be at San Miguel the second day, until about 1:00 PM.

Although not noted as the greatest lobster spot in the world, San Miguel offers some of the best diving around. The pinnacles are always spectacular and offer many opportunities for scallops, fish, and excellent photography or video. With lobsters in mind we will take any opportunity to make Talcott Shoals, off Santa Rosa Island, which IS noted for bugs. For the game takers this trip should provide excellent opportunities, for the photo/video/looky-loo divers, there are some of the best opportunities. Our *Peace* trip in September was outstanding.

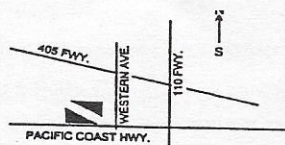
The food fare on the *Peace* is always excellent and plentiful. The first day will provide heavy duty diving, for those so inclined, with up to 6 dives possible plus a night dive. The second day will provide for 3 or 4 dives. Dive spots will include areas suitable for intermediate divers and hopefully some more advanced pinnacle spots covering the full range of diver desires and capabilities.

At the time of this writing the boat is not full with several spots open. Call Curt (Billings) at (909) 945-3461, Fax at (909) 477-2746 or e-mail at curt@diver.net.

SEA DIVER ACTIVITIES

<u>Day</u>	<u>Date</u>	<u>Event</u>
Thurs	7 Dec '00	Year-End Executive Meeting, San Franciscan Restaurant, Torrance
Sat	24 Feb '01	21 st Avalon Harbor Cleanup, Catalina
Wed	2 May '01	Chamber Day 2001, Chamber Evening @ Long Beach Aquarium
Sun	20 May '01	Bouillabaisse / Pot Luck, Veteran's Park, Redondo Beach
Sat	15 Sept '01	International Coastal Clean Up Day, various locations
Sun	21 Oct '01	8 th King Harbor Underwater CleanUp

AMERICAN DIVING is a full service scuba diving facility. Our friendly and knowledgeable staff has been committed to excellence in customer service for more than 30 years. Our education department offers quality diving courses sponsored by NAUI (National Association of Underwater Instructors), an internationally recognized diver training organization. Our instructors offer courses at all levels from Openwater I through Assistant Instructor, plus a variety of Specialty Courses are available either at a group rate or by private instruction. We also offer local and international dive travel and can assist you in planning your adventures from day trips to the local islands to your wildest diving fantasy



BUGZILLA!

The destination was San Nicolas Island and Talcott Shoals. The goal was finding enormous crustaceans. Unfortunately, the weather was not cooperating. Rough seas curtailed our trip out, causing us to fall short of our destination. We sought shelter at the East Side of Santa Cruz Island's Smuggler's Cove where we anchored for the night. The morning after showed a slight weather improvement but still hampered our efforts to get to the outer waters.

We started our first dive at Blue Banks Anchorage on the protected south side of Santa Cruz Island. The depths of this dive approached 100 feet and the visibility was 35 – 40 feet. On a pleasant note, the temperature was in the low 60's and many bugs were brought aboard found in the many small rocky ledges. The next few dives were in the Yellow Banks area. Depths ranged from 45 to 65 feet with similar vis, temps, and bug counts. On our fourth dive, we traveled to Albert's Anchorage. This is the dive where a young relative of Bugzilla was prowling not far from the boat. After a fierce battle below the water, the large crustacean met his match. Dale L. came aboard with the 7 lb. prize. It is unusual to see large bugs in this area due to the regular trapping. The next dive was at Coches Prietos Anchorage. The vis in the shallower waters dropped to 15 – 25 feet due to plankton and surge. Our last dive of the day brought us back to the Blue Banks area where we also anchored for the night and made a night dive after dinner.

The weather was erratic at best. It rained on us a few dives and the sun showed us a nice rainbow, which ended on the northern side of the island. Maybe that is where Bugzilla was hiding. Each of the dives we made produced bugs. Some dives produced more bugs than others did and only one relative of the anxiously sought after Bugzilla was found.

The second day started with a dive off Nine O'Clock Rock. Many bugs were found in the rock piles and crevices on this dive. The water temp fell a few degrees to the high 50's so the hot tub sampling increased. The remaining dives were in or around Yellow Banks. Many swell sharks were seen in this area, including a sighting of a medium (100+ lb.) sized Black Sea Bass. The author of this article got to free a short bug from a hungry octopus' grip.

Even though the weather held us back from getting to our intended destination, our trip was still a great success. The crew of the *Peace* as usual gave us some terrific service throughout our journey. The game hunters brought up some nice sized scallops, a few fish, and many lobster. Well, Mother Nature's wish to allow Bugzilla to grow a little larger came true this year.

C.C.

EATING TO PREVENT BENDS

Food supplements laced with bacteria may someday protect divers from the ravages of decompression sickness, reports *New Scientist* magazine. Experiments with pigs have shown that methane-producing microorganisms that live in the gut can help ward off the bends.

Susan Kayar and her colleagues at the Naval Medical Research Center in Bethesda, Maryland, reasoned that deep dives would be made safer if more dissolved hydrogen could be removed from the divers' blood. They turned to bacterium called *Methanobrevibacter smithii*, which lives in the gut and metabolizes hydrogen to form methane. They injected cultures of the bacteria into the intestines of pigs, then put the animals in a hyperbaric chamber for an ascent from a three-hour dive at 240 meters.

The researchers found that pigs that were not given the bacterial cultures were nearly twice as likely to show DCS symptoms. The treated pigs were more flatulent, releasing large quantities of methane. The more bacteria that were added to their guts, the more methane they produced: indeed, a new form of offgassing.

Kayar says the bacterial supplements appear as harmless as live yogurt. "These are microbes that you have in your intestine right now," she says. The treated pigs seemed to suffer no ill effects and their altered gut microflora later returned to normal.

From *New Scientist*, May 1, 1999

(Editor's note: Reprinted from 'Undercurrent', October 1999)

ESCAPE QUOTES...

- "Your turn to get us a toddy..."
- "...It's raining, you get it!"
- "Nice Bug. It looks like a 7 pounder..."
- "...That must be the one they plant each trip."
- "It's like diving in a sewer with all the sea lion
shit run-off."
- "New suit?..."
- "...Partly. The bottoms shrank so I had an
insert added but the top's new."
- "He hasn't been out with us for awhile so he
needs re-training to find the food!"
- "Don't spread it around. I have an image and I
don't want to !#@* it up."
- "Got one on each dive..."
- "...You'll have to make seven dives then."
- "John will tell you his secret for catching
lobster."
- "I'm going to get all fluffy just for you dear."
- "We could make a Kathy sandwich with just a
small piece of meat between us."
- "There are no women on the *Westerly*..."
- "...Kathy, even you'd look good on that boat!"
- "If I wore a Wonderbra I wouldn't be able to
breathe and I'd be deaf."
- "Where's cabin 'C' ?..."
- "...Right next to cabin 'B'."
- "Too many trips to the head this morning."
- "Does His Majesty want anything?..."
- "...No, His Majesty already has something."
- "A thousand hours in the water that's about 500
dives right?"
- "Do you want to hold it?"
- "You're a New Yorker?!?! That explains a
LOT!!"
- "We're swapping bodily fluids here."

BI-ANNUAL EXECUTIVE MEETING ANNOUNCEMENT

There will be an Executive Meeting on
Thursday 7 December 2000 at the San
Franciscan restaurant in Torrance at 7:00 PM.
All Execs should try to attend and anyone else
interested in the Club's planning and/or
interested in becoming an Exec is very
welcome. The agenda is:

PRESIDENT'S REVIEW

- Overall Club Status
- Executives for 2001
- Boat dive prices for 2001

OFFICER / COMMITTEE REPORTS

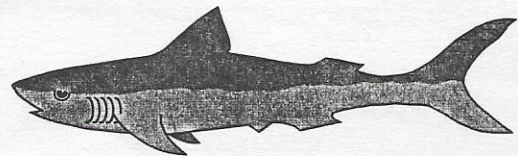
- Vice-President – Kathy D.
- Treasurer – Allen P.
- Secretary – (TBD)
- Membership – Kathy D.
- Boat Dive Chair – John T.
- Boat Dive Reservationist – Curt B.
- Beach Dive Chair – Billy G.
- Diving Officer – John M.
- Newsletter Editor – Kathy D.
- Program Chair – Peter L.
- Legislative Info Chair – Phil B.
- King Harbor CleanUp – Allen P.
- Hospitality Chair – Kathy K.
- WebMaster – Curt B.

ON-GOING BUSINESS

- Bad guy list – additions etc.
- Entertainment ideas
- Club T-Shirts

NEW BUSINESS

- 21st Avalon Harbor Clean-Up
- *Yukon* dive
- Other



DID NOT LOOK LIKE TANNER OR CORTES

Nope! Santa Barbara Island it was. The 12 foot swells outside precluded our planned destination of Cortes and Tanner Banks. As it turned out we did quite well at Santa Barbara in the lobster stakes. With about 40 bugs on board ranging from "squeakers" to an eight and one-half pounder, we could not complain. The weather was not as forecast for rain, wind and more rain but mostly sunny after the early morning fluffies burnt off.

We made four dives in the area of The Rookery, the first dive, the last dive and the night dive on the first day and the twilight early morning dive on the second day. The area had 50-60 feet visibility 40' depths, calm, no current and 60°F water. Sand, reef and the shoreline were available. This area yielded a significant number of the take of lobster. Dive two of the first day was off the South East corner of the island. Depths here were to 80' with a noticeable current. Next it was in the channel between the island and Sutil, depths to 70 feet again with a slight current. Dive four was off Arch Point in a strong current, then inside Webster Point with significant surge from 10-foot swells. All spots yielded a smattering of bugs, scallops, and fish.

After the overnight off The Rookery and the twilight dive we moved to Brittle Star Reef with depths to 80 feet, trillions of Brittle Stars, some bugs and a raging current which caused several divers to just make a VERY long current line!! Our final two dives were in the cove, just West of the landing area. It was calm, no current with 30 – 50 feet visibility and the consistent 60°F water with depths to 40 feet or so.

All in all a nice two days of diving. Not per the plan but very satisfactory. The Great Escape did a nice job and the food was excellent. We did not award any MHKTDE Awards for boobies, as there were none that were outstanding. A couple of folks got close but we elected to pass on those. One story of merit was that one of the deck hands dropped a fin strap clip overboard and asked Peter L. who was returning to the water to play with the sea lions, to take a scan for it in the sand. After searching for awhile, Peter noticed one of the sea lions "munching" on something, to wit the errant clip. Peter was successful in retracting the clip from the sea lion's mouth. Quite the moment and quite the trick!! We were back at the dock before 6:00 PM.

EMERGENCY ASCENT – OUT OF AIR

Wil Lemley made a dropped weight belt emergency ascent on dive 4 at Arch Point from 50 feet. Wil did it all correctly and below is his findings as to why he ran out of air. Always check your gages especially starting your dive:

"Yesterday while cleaning my gear, I hooked up my rig to the tank and to my B.C. and put it in a tub of water. Then as I was moving it the connection from the hose to the B.C. started leaking really bad, but as I moved it to one side it would stop and then moved it around it would start leaking again. And it would leak pretty badly. You couldn't hear it because it was a low-pressure leak and it really doesn't make a lot of noise. You really wouldn't hear it on the boat because of the motors. I watched the tank pressure drop from 1000 psi to 600 psi in just a very short time, so the leak would have drained my tank in a short time.

This is still not a good excuse for me not checking my gage before I went in the water.

On the second dive on Saturday, I checked it before I went in, for sure for sure, and it was 2800 psi but after just a very short time at depth I checked again and it was 2000 psi. I am talking no more than 2 minutes. That is sucking a lot of air even for me. The rest of the dive seemed to be fine. I guess while working down to depth and working the hose it would leak.

Anyway, I am going to put on a new hose today and check it out. Whatever it takes to fix this problem."

2001 BOAT DIVE SCHEDULE

DIVE	DAY(S)	DATE(S)	DESTINATION	PRICE*	BOAT	LOCATION
01-1	SUN	4 FEB	SANTA BARBARA / SUTIL	TBD	GREAT ESCAPE	22 ND STREET
01-2	SAT	10 MAR	SAN NICOLAS	TBD	GREAT ESCAPE	22 ND STREET
01-3	SAT	7 APR	SAN CLEMENTE BACKSIDE	TBD	GREAT ESCAPE	22 ND STREET
01-C13	WED	2 MAY	CHAMBER DAY 2001/ CATALINA	TBD	GREAT ESCAPE	22 ND STREET
01-4	FRI/SAT	11/12 MAY	SAN MIGUEL	TBD	PEACE	VENTURA MARINA
01-5	SAT	2 JUNE	OIL RIGS: EUREKA, ELLY/ELLEN	TBD	GREAT ESCAPE	22 ND STREET
01-6	SAT	23 JUNE	OSBORNE BANK / SANTA BARBARA	TBD	GREAT ESCAPE	22 ND STREET
01-7	FRI/SAT	20/21 JULY	BEGG ROCK/SAN NIC /SANTA BARBARA	TBD	GREAT ESCAPE	22 ND STREET
01-8	SUN	12 AUG	PALAWAN / AVALON / DOMINATOR WRECKS	TBD	GREAT ESCAPE	22 ND STREET
01-9	FRI/SAT	21/22 SEPT	SAN MIGUEL PINNACLES	TBD	PEACE	VENTURA MARINA
01-10	TUES/WED	9/10 OCT	SAN NICOLAS / SANTA ROSA	TBD	PEACE	VENTURA MARINA
01-11	FRI/SAT	26/27 OCT	CORTES & TANNER BANKS	TBD	GREAT ESCAPE	22 ND STREET
01-12	SAT/SUN	1/2 DEC	NORTHERN CHANNEL ISLES	TBD	PEACE	VENTURA MARINA

*Prices are all inclusive (air, food, and beverages). Non-members add \$10 for single day and \$15 for two-day dives. New members paying full annual membership allowed one single day dive at approximately two-thirds of member price. Dive 01-C13 does not include air, food, and beverages. All dives except 01-C13 are limited load of 28 divers.

Great Escape - 22nd Street Landing

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

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 across Harbor Drive, go to the left onto Spinnaker Drive. Look for Milano's Italian Restaurant and turn right into the parking area. If you get to the end of Spinnaker, turn around and take the second left. Park adjacent to the berth (Slip #20) to unload, then park overnight in the last row adjacent to Spinnaker Drive.

DIVE BOAT POLICY

A club member may, but is not required to, have a boat deposit on file with the club. A club member may make a reservation on an upcoming dive as follows:

- A) Unconfirmed reservations may be made for any boat dive at any time. To confirm a reservation, payment in full must be received.
- B) For single day dives, divers holding an unconfirmed reservation will be called 3 weeks prior to the dive and advised that payment in full is required no later than 15 days prior to the dive to be confirmed. Dive boat deposits will be considered as payment in full.
- C) For two day dives, divers holding unconfirmed reservations will be called 5 weeks prior to the dive and advised that payment in full is required no later than 30 days prior to the dive to be confirmed. Dive boat deposits may be used as part of the payment in full.
- D) If payment in full is not received by the deadline, the diver may be replaced by a wait listed diver who has paid in full.

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 for providing 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.

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 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. Only club members of The Sea Divers and members of other selected clubs may make boat dive reservations prior to one month before a scheduled boat dive. Partial refunds from single day 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 DATE OF LAST DIVE* : _____

* Please include date of last dive for each diver

BOAT DIVE RESERVATIONIST:

Curt Billings
Phone: (909) 945-3461, Fax: (909) 477-2746
e-mail: curt@diver.net

Please make checks payable to THE SEA DIVERS and mail to:
THE SEA DIVERS
P.O. Box 2415
Redondo Beach, CA 90278

CALENDAR

NOVEMBER						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November 7

General Meeting - 7 PM - Round Table Pizza

DECEMBER						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

December 2-3

Boat Dive – Northern Channel Islands - *PEACE*

December 5

General Meeting - 7 PM - Round Table Pizza

December 7

Executive Meeting – 7 PM – San Franciscan Restaurant, Torrance

IN THIS ISSUE!!!!!!

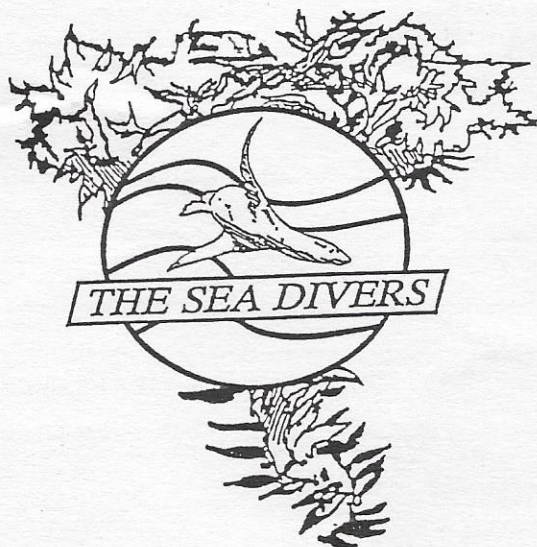
- Bugzilla Aftermath!!
- Cortes and Tanner Denied!!
- Quotable Quotes!!
- ...and MORE!!

NOTE:
JANUARY 2ND
GENERAL MEETING IS
CANCELLED!!

THE SEA DIVERS
P.O. BOX 2415
REDONDO BEACH, CA 90278

FIRST CLASS MAIL

ADDRESS CORRECTION REQUESTED



WWW.SEADIVERS.ORG