



NEW ENGLAND AQUARIUM DIVE CLUB, INC. NEWSLETTER

October 2001

NEADC Web Site: www.NEADC.org

NEADC GENERAL MEETING

WEDNESDAY, October 17, 2001. GUEST SPEAKER - Member Steve Gagin will show slides and video from his recent trip to TITANIC!

INFORMAL MEETING

WEDNESDAY, November 7, 2001, AT 6:30 P.M. at the home of Al and Wendy Bozza. Directions on page 2.
ALLERGY ALERT: Three large and friendly dogs and one tiny little baby boy.

NEWSLETTER DEADLINE

Submit your news for the next Newsletter by
Saturday, October 20, 2001!
(Saturday after the GENERAL MEETING) for the
NOVEMBER EDITION of the NEADC Newsletter.
Submissions should be forwarded by e-mail at
newsletter@neadc.org

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CHANGE OF ADDRESS FORM

If your address has changed recently please fill out this form and mail it to:
Karl See, Membership Director, New England Aquarium, Central Wharf, Boston, MA 02110

OLD ADDRESS:

Name: _____
Street: _____
City: _____
State/Zip: _____

NEW ADDRESS:

Name: _____
Street: _____
City: _____
State/Zip: _____

President - Maryhelen Shuman-Groh, P. O. Box 70,
Raynham, MA 02767; (508) 821-4704, president@neadc.org

Vice President - Caroline Starita, (978) 251-1520,
vicepresident@neadc.org

Business Manager - Steve Groh, (508) 821-4704,
business@neadc.org

Boat Dive Coordinator - Veronica Atlantis 781-272-1387,

boatdive@neadc.org

Shore Dive Coordinator - Ken Mulzet (617) 666-4984,
shoredive@neadc.org

Newsletter Editor - Stéphanie Williams, (978) 922-2908,
newsletter@neadc.org

Program Director - Al Bozza (508)-384-1377,
programs@neadc.org

Membership Director – Jim Carozza (617) 973-3821
membership@neadc.org

Secretary - Brandy Derickson, (603) 436-6424
secretary@neadc.org

Environmental Affairs - Alicia Lenci (617) 889-1486,
environmental@neadc.org

Webmaster - Bryce Flynn (508) 543-9761
webmaster@neadc.org

NEADC VOICE MAIL SYSTEM: Please call (617) 973-0240

DIRECTIONS TO INFORMAL MEETING: Wednesday, October 7, 2001, 6:30 p.m. Hosted by Al and Wendy Bozza, 7 Sharon Ave, Norfolk, MA, 508-384-1377. **Allergy alert: THREE dogs!!!!**

From Rte 128 take exit for Rte 95 S. Take Exit 9 to Rte 1 South. Follow Rte 1 past Foxboro Stadium. Take a Right at the set of traffic lights onto Pine Street just after you pass the End Zone Motel and Lafayette House on the Right. Follow Pine Street to stop sign and turn Right. Continue to follow Pine Street/Rte 115 for about one mile to a set of traffic lights (Rte 1a & Rte 115). Turn Left at the lights onto Rte 1a. Sharon Ave is the first Right off of Rte 1a (Canoe Rental & Bait Shop on the corner). Our house is the second house after the Canoe/Bait Shop. Dive Flag on the mailbox. From Rte 495, take exit 15 for Rte 1a through Wrentham Center and straight through one set of traffic lights. Continue on Rte 1a for about 1 mile; Sharon Ave is on the left directly after the Eaglebrook Saloon.

MEMBERS' ADVERTISING

NEWSLETTER AD POLICY: Dive related ads for NEADC Members will be free with the following stipulations: 1. Must be current NEADC member; 2. Ad must be 25 words or less; 3. Ad must be submitted electronically; 4. Ad must be sent to the Newsletter Editor *prior* to Deadline; 5. Ad will be placed for one month only (ads may be renewed by resubmission as stated above). NOTE: This will NOT affect Website policy. Website does NOT contain member advertising.

COMMERCIAL and NON-MEMBER ADVERTISING RATES

Full Page \$90/insertion; Half Page \$50/insertion; Quarter Page \$30/insertion; Eighth Page \$20/insertion
10% discount for 4 or more insertions per calendar year. 20% discount for 8 or more insertions per calendar year.

Send questions and submissions to the Newsletter Editor. **Ad fees must be paid in advance**

FROM YOUR PRESIDENT Maryhelen Shuman-Groh

New England Aquarium Dive Club, Inc. is a non-profit, volunteer organization and the only way we can continue to operate is to have the participation of our membership at Club Meetings, special events, dives and as officers. There are approximately 500 members of the dive club at any given time. We see between 60 and 80 members at each monthly meeting. In addition to the officers, there is a core of about 20 people who regularly show up at informal meetings to assist with putting together the newsletter for mailing and a small group of people who regularly host informal meetings and lead dives. Most of those people have held positions on the Board in the past. Beginning at the October General Meeting we will be taking nominations for Dive Club Officers. NEADC is only as good and as diverse as the membership that chooses to participate in its operation. In order to continue the high caliber of our offerings, we need your help. PLEASE! Consider running for office this year.

FROM YOUR ENVIRONMENTAL COORDINATOR Alicia Lenci

The New England Aquarium Conservation Action Fund (CAF) was created in June 1999 to provide professional assistance and funding for projects focusing on critical marine conservation issues around the world. CAF seeks out time-sensitive community-based initiatives that protect highly vulnerable species and habitats, conserve marine biodiversity resolve conflicts between humans and marine animals, and promote the sustainable use of ocean resources. Currently, CAF supports and collaborates on projects in thirteen countries around the world. This fall, the Lowell Lecture series will highlight five different marine conservation projects that illustrate this concept of conservation in action.

Fall 2001

The Lowell Lecture Series is free and open to the public. No reservations are required.

CONSERVATION IN ACTION: CRITICAL OCEAN CONSERVATION ISSUES AROUND THE WORLD

Thursday October 4, 2001

Conserving The Future. South Pacific Green Sea Turtle

Thursday October 11, 2001

The Blue Frontier. Saving America's Living Seas

Thursday October 25, 2001

Emergency Conservation. Penguin Rescue off Cape Town, South Africa

Thursday November 15, 2001

Proactive Conservation. Protecting the Antillean Manatee

Thursday November 29, 2001

Restorative Conservation. A Lagoon Ecosystem in the Azores

Lectures are held on Thursdays and begin at 6:00 p.m. in the New England Aquarium's Immersion Theater, part of the Exploration Center on the ground floor of the Boston Harbor Garage. Presentations will be followed by a coffee and dessert reception. Talks are approximately 45 minutes, after which there will be time for questions from the audience.

For more info: Ken Mallory, NEAq 617 973 5295

CoastSweep 2001 Misery Island Clean-up

Many thanks to Dick and Nancy Whitehouse, Jim and Laura Stewart, Peter McCarthy, Mike Schruben, Amy Parker, Andrew and Eileen Urh and their children, Leif, Zack and Colin Thorton and Anna all who participated in this year's underwater clean-up of "Cocktail Cove" and the coastline of Misery Island.

Special thanks to Nancy Whitehouse and Eileen Urh for their coastline clean-up and to Colin and Zack Thorton for their help in maneuvering the dinghy to collect trash from the divers.

Some of the trash items retrieved from this popular mooring site (approximately 18 feet of water with about 8 feet visibility) were beer and wine bottles, beer cans, knives, forks, plates, a pair of sunglasses, CB radio, hand radio, cooking utensils and what is believed to be an anchor.

Thanks to Jim of the Trustees for Reservation for transporting the clean-up volunteers out to the island.

We had ideal weather but I apologize for the brevity of our adventure out there. (Jim for reasons unknown, cut our day short)

This club has made a tremendous impact on cleaning up that cove, I am so proud.

Haven't yet participated in an underwater or coastline clean-up? Well you still can.

Lane's Cove, Gloucester, MA

Sunday October 21, 2001.

Please call me if you would like to participate. We need people to clean-up both underwater and the coastline there. Free t-shirts and other prizes for volunteers. Lane's Cove is one of my favorite dive sites.

This year alone I have seen goosefish, torpedo rays, dogfish and many lobsters at this site.

WHAT IS COASTSWEEP?

COASTSWEEP is part of an international coastal cleanup campaign organized by the Ocean Conservancy www.oceanconservancy.org, formerly the Center for Marine Conservation in Washington, DC. Participants all over the world in over 100 countries collect marine debris and record the types of trash they collect. This information is then used to help reduce future marine debris problems. Here in Massachusetts, thousands of volunteers throughout the Commonwealth head to the beaches in late September to remove marine debris and trash from our coastline. Their goal is to make the beaches safer, cleaner and healthier for all living creatures. The Massachusetts Office of Coastal Zone Management (CZM) organizes the annual statewide event, officially kicking off September 15, 2001. So be sure to mark your calendars and check out our website for specific cleanup locations and times. The cleanup list is always growing, so be sure to revisit. Every year the cleanups are led by a dedicated group of local coordinators. Last year, these local coordinators organized over 3,500 volunteers who collected almost 60,000 pounds of trash from over 130 locations. These COASTSWEEPers covered 217.5 miles of Massachusetts coastline!

FROM YOUR BUSINESS MANAGER Steve Groh

Some ticket sales are starting to roll in for the 25th Anniversary party. Please, a reminder to use the memo line on your checks so I can see what event or purpose to post the check against. I am an Engineer by profession, not an accountant and I need all the help I can get keeping the books straight. Other than costs associated with the summer outing and purchasing some new NEADC sportswear (S.W.A.G., as we call it in the TV biz, explanation later) there were no extraordinary expenses through the month of August.

(Find detailed August statement on our website: www.NEADC.org)

FROM YOUR SHORE DIVE COORDINATOR Ken Mulzet

Happy Fall everyone! Well I guess it's safe to say that our dive season is more or less over, but I know there are some of you "dry guys" out there that will dive year round. I hope everyone enjoyed this year's offerings and look forward to seeing you at the Banquet!

Let's increase next year's GAFC Challenge chances by getting more Northeast Regional divers! Another REEF Fish ID seminar will be held October 27, 2001 from 10-12 at Stellwagen Bank's headquarters in Scituate. Come and learn what those fish we have out there are.

Contact Brandy for more info at secretary@neadc.org or call (603)436-6424, also check out the website:

[.http://www.reef.org/webres/Press/GAFC2001results.htm](http://www.reef.org/webres/Press/GAFC2001results.htm)

Northeast Regional Winners,US:

1) Kerri Hurd, 2) Janet MacCausland, 3) Brandy Derickson

Lesson Learned

Two weeks ago I joined the NEADC for a dive at Nubble Light. I was going to work on my mapping skills for divemaster, so I added my slate and reel to the usual dive accessories. However, as I was the only one in the group that has dove Nubble, I decided to accompany everyone on the first dive and map the second.

A few minutes into the dive and I was wondering why I couldn't move very fast. It dawned on me that it had been a while since diving dry and with steel tanks; I didn't need weight on my belt AND in my integrated BC. The group was rapidly disappearing from sight so I decided to drop the belt and pick it up on the way back. I took a compass heading and caught up with the group.

Well, you've probably guessed it...I couldn't find the weight belt! I looked for it until I ran low on air. We had wandered quite a distance away, so I decided to change my tank and go back to the proper area. On my way to the car for the second tank, I looked for my belt on shore, but to no avail.

Ran the second tank low, too. When I came out and told my buddies the situation, a woman overheard us. "Some guy found a weight belt in the area you're talking about, but he's left already." WHAT?! We thought he was with a group from Montreal; so long, weight belt, hope you enjoy Canada!

Turns out, Montreal was the nickname they gave this guy who joined their group that morning. Montreal ended up diving with our group in the afternoon. "Oh, yeah, I was with that guy. Purple soft belt, right? I have his name and certification number in my logbook; I think he's from Massachusetts."

I went home and tried to call PADI, but it was Labor Day weekend. I e-mailed them instead, asking for their help in finding this guy with my belt. A few days later and PADI sent me a phone number! I didn't know they would just give that information.... I finally got around to calling the number a few days later. His ex-wife answered; when she found out who I was, she said he had just left and gave me his cell phone number. One call to the cell phone and I had arranged to pickup the weight belt; turns out he's from New Hampshire and was going to be in my area! He wondered how I had found him; did I call every town in NH until I came up with the right guy?

Nope, it was the guy from Montreal. "Oh, yeah...he was a nice guy." You bet he was! So everything worked out well for me in the end. He was a bit bummed out because he really wanted a soft belt to wear with his drysuit. But I learned some valuable lessons. First, I could have attached my slate and reel line to the belt. Left a note on the slate to say "it's mine, don't take it!" I would have been able to follow the line back the belt so as not to lose it. Second, I could have stopped and really thought about my weighting situation before I even entered the water. Third, if you don't want your information to get out, don't update PADI! And last, I really respect those of you that actually have your buddy sign your logbook. Montreal didn't know his buddy; I never would have gotten my belt back if he hadn't gotten him to sign his logbook. Thank you, Montreal!

BLOOD DONATIONS AND DIVING? Submitted by Andrew Urh

Divers often donate blood and need to know when to resume diving. This article is meant to provide information to help answer those questions. This information should apply to any type of diving since the effect depends on the hemoglobin in the red blood cell mass rather than the partial pressures of gases.

How long must a diver wait after blood donation before diving?

The donor's body replenishes the fluid lost from donation in 24 hours. If not anemic (Hgb<12 Gm/dl) a person can dive in 24 hours after blood donation. It may take up to two months to replace the lost red blood cells. Whole blood can be donated once every eight weeks. The most important part of the blood to the diver is the red blood cell, responsible for the transport of oxygen to the tissues. Red blood cells are perhaps the most recognizable component of whole blood. Red blood cells contain hemoglobin, a complex iron-containing protein that carries oxygen throughout the body and gives blood its red color. The percentage of blood volume composed of red blood cells is called the "hematocrit." The average hematocrit in an adult male is 47 percent. There are about one billion red blood cells in two to three drops of blood, and, for every 600 red blood cells, there are about 40 platelets and one white cell. Manufactured in the bone marrow, red blood cells are continuously being produced and broken down. They live for approximately 120 days in the circulatory system and are eventually removed by the spleen.

Is there a way to donate blood products and still be able to dive immediately?

Yes, through apheresis. This is the process of removing a specific component of the blood, such as platelets, and returning the remaining components, such as red blood cells and plasma, to the donor. This process allows more of one particular part of the blood to be collected than could be separated from a unit of whole blood. Apheresis is also performed to collect plasma (liquid part of the blood) and granulocytes (white blood cells).

Is there a way to shorten the time interval before red blood cell replenishment after blood donation?

Yes - Approximately 10 percent of body iron stores are removed with each donation. When appropriate, iron supplements can be prescribed for patients making donations to help increase red blood cell count. Erythropoietin, a hormone, can also be given to stimulate the bone marrow into producing more red blood cells.

This page is written and maintained by Ernest S. Campbell, MD. <http://www.gulftel.com/~scubadoc/cvesc.html>

TRIP REPORT Isle of Shoals Seal Dive submitted by Jeff Croll

The annual Isle of Shoals Seal Dive was held on Friday, August 24th, and was a great success. We had a fun time swimming with the seals, while enjoying the diving. It was a memorable experience to swim with them as they effortlessly glided past us.

Special thanks to Donna Romano for organizing the trip and handling the logistics, as well as to the crew of The Cape Anne Diver II, Steve Mullin and Steve Smith for their excellent service.

PLEASE NOTE CHANGE OF DATE
NEW ENGLAND AQUARIUM DIVE CLUB MARINE ANIMAL STRANDINGS NETWORK
DIVER VOLUNTEER TRAINING

In order to reinforce and expand our network of divers qualified to respond to stranding events, New England Aquarium Dive Club, Inc. will offer a training session in MARINE ANIMAL STRANDINGS on SATURDAY, **NOVEMBER 17th**, on **Cape Cod** (location to be finalized) beginning at 9:30 a.m. to Noon. The program will be conducted by Connie Merigo of the New England Aquarium Marine Mammal Rescue & Rehabilitation Department and will include classroom and FIELD training.

Volunteers must complete the training and required paperwork to be called in the event of a stranding. Strandings occur most frequently in late fall and early spring during periods of lunar high tides and shifting wind conditions. Experienced divers make good volunteers for several reasons - their experience in cold water, ownership of heavy wetsuits and dry suits, their ability to take instruction, work as a team and act quickly. Stranding events often require long hours in bad weather. Animals are in great distress and many animals may be dead and dying. If these sound like harsh conditions, they usually are. Anyone who has a commitment can be of help - wet and dry volunteers are needed for water rescue, retrieval and shore support. THERE IS NO SCUBA DIVING INVOLVED.

If you have completed previously year's training and are on the active call list, we recommend you take this training class as it will include new information and field training.

Written Preregistration is required. If you would like additional information about the NEADC Marine Mammals Strandings Network please contact Maryhelen Shuman-Groh at (508) 821-4704.

PREREGISTRATION BY November 3, 2001, IS NECESSARY.

Mail this completed form to:
Maryhelen Shuman-Groh,
P. O. Box 70
Raynham, MA 02767.



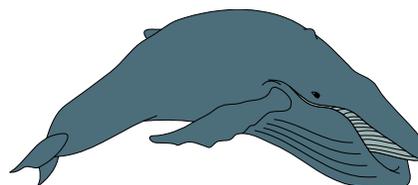
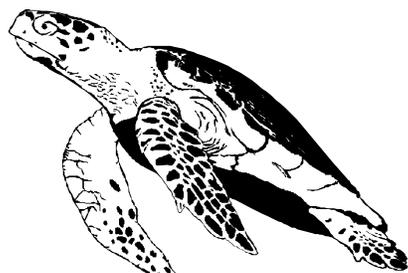
Please register me for the November 17th Marine Animal Strandings Volunteer Training:

NAME: _____

ADDRESS: _____

PHONE NO(s): _____

E-MAIL _____





We run a PADI Dive Center in Kas, which is situated at the ancient Lycian Coast of South Turkey: beautiful divesites, good accommodation, reasonable prices, everything well-organized. There's lots to see - underwater (antique pots, sting rays, barracudas, turtles, groupers etc., ship wrecks, caves, interesting rock formations)!

If you'd like to learn more about us please check our website: <<http://www.mavidiving.com>>

www.mavidiving.com

We also offer group discounts!

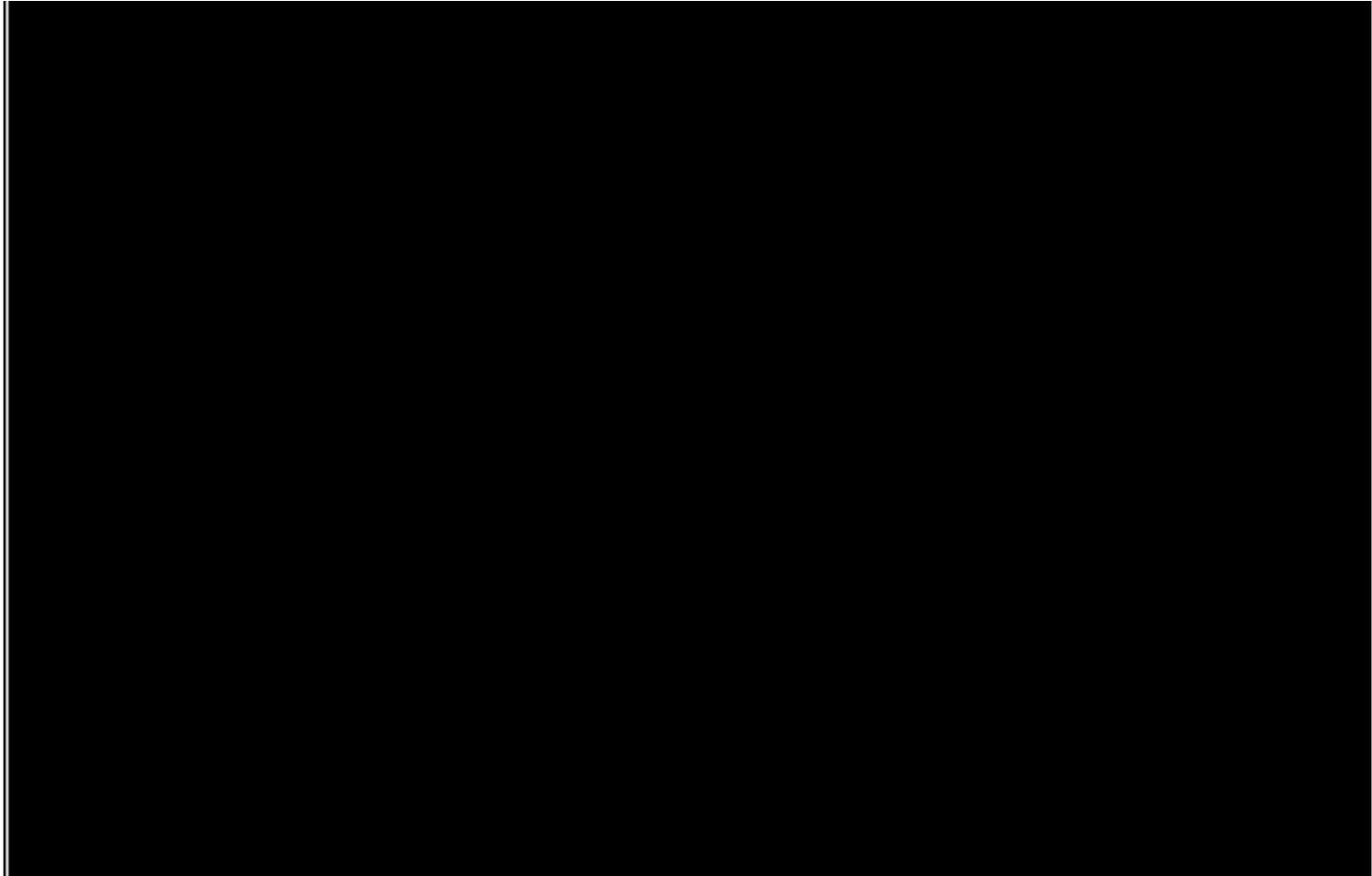
If you have further questions please send me an e-mail!

Katharina Gültekin, Mavi Diving

katharina@mavidiving.com <<mailto:katharina@mavidiving.com>>

Tel: +90 242 836 31 41, Fax: +90 242 836 31 40

Also, check out **Captain Rob's** website at www.captainrobs.com for detailed pricing.



CALENDAR OF NEADC DIVES & BOAT DIVE SCHEDULE

Please call the Contact Person prior to the dive to confirm meeting time and place. Check the NEADC VOICE MAIL for updates (617) 973-0240. Please report errors or omissions to the Newsletter Editor or Dive Coordinator as soon as possible!

✓ BOAT DIVES *EASY DIVER*: Fred Calhoun, Tel: 978 897-0877.

✕ BOAT DIVES BOSTON HARBOR DIVING COMPANY Jim Sullivan, Tel: 617 846-5151 Email: captainjim@bostonharbordivingcompany.com

DATE	EVENT	DIVE SITE
Tuesday, October 2	Full Moon Dive - location TBD	Contact Alicia Lenci 617 889-1486 or AL@nutter.com
Friday, October 5	Shark Dive	Contact Al Bozza at (508) 384-1377 or awexprsinc@aol.com
Saturday, October 6	Boat Dive ✓	Egg Rock (southwest)
Saturday, October 13	Source to Sea Clean Up of Connecticut River	River clean-up taking place in locations from Vermont to Long Island Sound. Participation details to follow.
Sunday, October 14	Boat Dive ✓	U.S. Frigate NH
Sunday, October 14	Shore Dive - Nahant	9:00 am meet at Dockside Restaurant in Nahant. Contact Al Bozza at (508) 384-1377 or awexprsinc.com
Wednesday, October 17	GENERAL MEETING	6:30 p.m. Immersion Theater of New England Aquarium. Guest Speaker: Steve Gagin on his recent journey by deep sea submersible to the HMS TITANIC.
Saturday, October 20	New Member Dive - Nahant	9:00 am meet at Dockside Restaurant in Nahant. Contact Al Bozza at (508) 384-1377 or awexprsinc.com
Saturday, October 20	Boat Dive ✓	Boohoo Ledge
Sunday, October 21	CoastSweep 2001 Clean-up	Lane's cove, Contact Alicia Lenci 617 889-1486 or AL@nutter.com
Sunday, October 28	Boat Dive ✓	Paddock Rock
Saturday, November 17 CHANGED DATE	Marine Mammals Stranding Training	See Article This Issue. Originally scheduled 10/13/01
Wednesday, November 28	GENERAL MEETING <u>PLEASE NOTE SPECIAL DATE!</u>	6:30 p.m. Exclusive preview showing of INTO THE DEEP a 3-D Dive Adventure at the New IMAX Theater at New England Aquarium. ANNUAL ELECTION immediately following showing of film.
Saturday, December 1	HOLIDAY PARTY/INFORMAL MEETING <u>PLEASE NOTE SPECIAL DATE!</u>	Our informal meeting has been rescheduled to the first Saturday of the month for December only and will be both the monthly business meeting and a HOLIDAY PARTY. Hosted by Bryce and Anna Flynn in Foxboro, MA.

New England Aquarium Dive Club Membership Form

Type of Membership: _____
Has your address changed since last renewal? No _____ Yes _____ New _____ Renewal _____
previous town _____

New England Aquarium Membership Categories: **Choose One:**
(Membership in Dive Club requires current membership in New England Aquarium)

- | | | | | |
|---|------------|------------------------------|---|----------|
| <input type="checkbox"/> Individual | \$40.00 + | Dive Club Membership \$15.00 | = | \$55.00 |
| <input type="checkbox"/> Couple/Family | \$70.00 + | Dive Club Membership \$15.00 | = | \$85.00 |
| <input type="checkbox"/> Quartermaster | \$100.00 + | Dive Club Membership \$15.00 | = | \$115.00 |
| <input type="checkbox"/> Master Mariner | \$150.00 + | Dive Club Membership \$15.00 | = | \$165.00 |
| <input type="checkbox"/> Friend of Aquarium | \$250.00 + | Dive Club Membership \$15.00 | = | \$265.00 |

Total Amount Enclosed \$ _____ (Dive Club dues plus Aquarium membership)

Name _____ Phone _____
Address _____ E-mail _____
City _____ State _____ Zip _____

Please make your check payable to New England Aquarium or charge to:

MasterCard Visa Discover American Express Signature _____

Account # _____ Expiration _____ Amount \$ _____

Mail to: Membership Dept. New England Aquarium
Central Wharf, Boston MA 02110

Requirements for Dive Club Membership include current membership in the New England Aquarium and payment of Dive Club dues. New members receive a New England Aquarium membership card marked "DIVER". **IF YOU ARE ALREADY A MEMBER OF THE AQUARIUM**, send your membership card, Dive Club dues payment and this application to the Membership Department. Your membership card will be returned marked "DIVER". If you have any questions, please call the Aquarium Membership Office at 617-973-6555/6564.

Central Wharf, Boston, MA 02110

Marine Mammals Stranding Training