



New England Aquarium Dive Club, Inc. Newsletter

March 2001

NEADC Web Site: NEADC.org

NEADC GENERAL MEETING

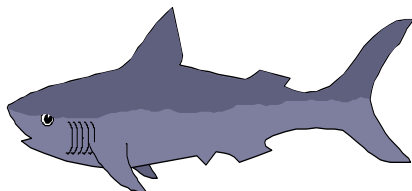
Wednesday, March 21, 2001, 6:30 p.m. at the New England Aquarium Immersion Theater. Guest Speaker: Holly Martel-Bourbon of New England Aquarium will discuss her recent expedition to South Africa to study Great White Sharks.

THE NEW NEADC WEBSITE

Premiering Sea Rovers weekend will be NEADC's newly designed Website.

www.NEADC.org

The new site is designed and maintained by Bryce Flynn with assistance from NEADC Membership Director, Kathleen Sherman.



The April Informal Meeting will be Wednesday, April 4, 2001 at the home of Angela and Barry Rabinovitz in North Quincy, MA. 617 328-7080 -- See Directions on Page 2.

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NEWSLETTER DEADLINE!!!

Submit your news for the next Newsletter by **March 26, 2001!** (Monday after the GENERAL MEETING). This is for the **APRIL EDITION** of the Newsletter. Articles may be forwarded by e-mail to Stéphanie Williams at stefH2O@aol.com. Thank you

2001 DIVE PLANNING MEETING

The Annual Dive Planning Meeting will be held on Wednesday, April 11, 2001, at 6:30 p.m. at the home of John and Betty Moynihan in Everett, Massachusetts. Please come for an evening of dinner and conversation and help put together the dive schedule for the 2001 season. For more information contact Ken Mulzet at (617) 666-4984 and Maryhelen or Steve at (508) 821-4704. There is plenty of on street parking available. The house is only minutes from Routes 1 and 99. Directions to the Moynihans:

Route 1N from Tobin Bridge; Sargent Street Exit. At bottom of Ramp turn Right onto Sargent. At end of Sargent turn RIGHT onto Washington. Almost immediately at lights turn LEFT onto Fuller Street. First RIGHT onto Meadowview, first LEFT onto Estes Street. 116 Estes is half way up the block on the right, yellow ranch house.

Route 1 S from points north; Linden Square Exit (after passing Kappy's on the left before Showcase Cinemas Revere); TRICKY EXIT turn left almost immediately. At end turn of ramp turn RIGHT to Linden Square onto Linden Street. Straight at Lights. Stay LEFT at fork in road (still on Linden). You will pass between two cemeteries. When houses appear again take the THIRD LEFT onto Estes Street. Go through one intersection with Stop sign. 116 Estes is the 4th house on left, a yellow single family ranch.

2001 NEADC OFFICERS

President - Maryhelen Shuman-Groh, P. O. Box 70, Raynham, MA 02767; (508) 821-4704, sgroh@mediaone.net **New E-mail Address!!**

Vice President - Caroline Starita, (978) 251-1520, clangregor@mediaone.net

Business Manager - Steve Groh, (508) 821-4704, sgroh@mediaone.net **New E-mail Address!!**

Boat Dive Coordinator - Veronica Atlantis 781-272-1387, atlantis007@altavista.com

Shore Dive Coordinator - Ken Mulzet (617) 666-4984, mulzet@yahoo.com

Newsletter Editor - Stéphanie Williams, (978) 922-2908, StefH20@aol.com

Program Director - Al Bozza (508)-384-1377, awexprsinc@aol.com

Membership Director - Kathleen Sherman, (508) 756-2476, scubagirl22@excite.com

Secretary - Brandy Derickson, (603) 868-1493, derickba@netzero.net, bderickson@lonzabiologics.com

Environmental Affairs - Alicia Lenci (617) 566-2515, al@nutter.com

WEBSITE maintained by Laura Coldwell-Stewart (978) 970-2670 (H) E-mail: bfpimage@ici.net; Bryce Flynn (508) 543-9761 and Kathleen Sherman (508) 756-2476 scubagirl22@excite.com

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

DIRECTIONS TO INFORMAL MEETING:

The April Informal Meeting will be Wednesday, April 4, 2001 at the home of Angela and Barry Rabinovitz at 467 Quincy Shore Drive, North Quincy, MA. 617 328-7080.

From Route 93 South: Take Exit 12 Neponset-Marina Bay, go straight ahead off the exit ramp past Staples and Walgreen's. Follow signs for Quincy through the traffic light. Then bear left following signs for Wollaston Beach. You are now on Quincy Shore Drive. Continue straight, you'll see a Dunkin Donuts at the beginning of the beach. Continue for six streets on the right (they come quick) then turn right on Webster Street. We are on the corner of Webster Street and Quincy Shore Drive. Look for the Dominica Sperm Whale weathervane.

From Route 93 North: Take the E. Milton /N. Quincy exit. Continue straight at 1st set of lights in E. Milton Square. At the second set of lights, turn right onto Squantum Street. Follow straight for about 1 mile, you will cross over Hancock Street (No Quincy High will be on your left) continue straight for about 3/4 mi and turn right on Webster Street. Follow to the end-Last house on the left before the water. Look for the Dominica Sperm Whale weathervane.

MEMBERS' ADVERTISING

NEW 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**

For Sale: Nite Rider NR4000. Memory-free NiCad battery. Overnight charger. Equipped with two lights. 20 watt bulb and 35 watt bulb. Can be run separately or as a 55-watt system. Certified to 300 ffw. Neoprene headband with chinstrap. Instructions and box included. \$225.
Call Bob at 508-875-4568 or e-mail at Bobcdive@aol.com

For Rent: NAHANT - 3 bedroom house - 2 blocks from 40 steps. Full basement for gear storage. Bordering Audubon property. By season or \$1900/mo for year.
George (617) 876-0390 or gbeng@world.std.com "

For Rent: 1 bdrm luxury condo: Morritts, east end Grand Cayman. On site: dive operation
(4 boats), wind-surfing, entertainment. Sleeps four, kitchen, cable TV.
Nancy Papagno, nancpants@yahoo.com, 781-449-3805, or eAtlantis.com

Notes from the President Maryhelen Shuman-Groh

Many thanks to Ted Maney who spoke on Scientific Diving at the February meeting. The meeting had an attendance of 85+ members. Thanks also to special guests Neal Findlay who spoke about the new group that is looking to the research and funding to create artificial habitats in the New England area and Dave Morton, President of Boston Sea Rovers, who gave us a preview of the upcoming Sea Rovers weekend. Dave also generously donated Sea Rovers passes that were given away to members along with the monthly GOT drawing.

Please be sure to visit the NEADC Website newly redesigned by Bryce Flynn. The site is up and running although many of the pages are currently under construction and link back to the former site.

Don't forget the annual DRY DIVE AROUND that will be conducted by Max Arias sometime in the spring. This is a great way to become familiar with the Cape Ann dive sites and meet other members interested in diving them.

The 2001 calendar is already filling up with a variety of dive and water related activities. If you want to participate, please be sure to make your reservations early.

MONTHLY FINANCIAL STATEMENTS Steve Groh, Business Manager

January 2001

Opening Balance	\$4,015.19
Checks & Transactions (6)	\$355.90
Total Deposit (1)	\$170.00
uncleared checks (11)	\$1,576.03
uncleared deposits (0)	\$0.00
Actual Cash on Hand as of 2/13/01	\$2,253.26

The January expenses included NEADC's annual DAN sponsorship of \$250.00 as well as our annual corporate filings fees with the Commonwealth of Massachusetts.

NEW OFFICER POSITION VOTE TO BE TAKEN MARCH 21, 2001

On Wednesday, February 7, 2001, the Officers of the New England Aquarium Dive Club, Inc. present at the monthly business meeting, voted unanimously to create a new Board position for the **Webmaster**. The NEADC Website has become an integral part of the Club providing member services and attracting new members and queries. Last year the site had over 24,000 hits. The job of maintaining the site has been filled on a voluntary basis by Laura Coldwell-Stewart for many years and she is ready to move (to building a new home and perhaps filling it will little Coldwell-Stewarts). We thank Laura so much for developing the site and maintaining it for so long. The addition of a Board member will bring the number of Officers of the Club to 11 voting members.

The addition of a Board position will be brought before the Membership for consideration and vote at the General Meeting of March 21st. Please attend and be part of the process. There will be a period of debate for presentation of arguments for or against the measure prior to voting.

Changes to the Constitution and By-Laws are governed by Article V of the New England Aquarium Dive Club, Inc. Constitution as follows:

ARTICLE V AMENDMENTS AND DUES SETTING

- A. This Constitution may be amended at any time by presenting amendments to the membership one general meeting prior to voting on them. A simple majority vote of members present and voting is needed for passage.
- B. Notice of change in Club dues must be placed before the membership one general meeting prior to voting on the change. A simple majority vote of members present and voting is needed for approval.
- C. Notice of amendments, changes in Club dues, Constitution and/or the By-Laws shall be published in the NEADC Newsletter prior to the general meeting where voted upon.

Arguments for: No member arguments received for the Amendment.

Arguments against: No member arguments received against the Amendment.



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There are thousands of dive vacation destinations for you to choose from. But no one in New England has the resources that we do to help you pick just the right one.

We customize every dive vacation that we book for our customers.

We work with you to plan every detail. And, we negotiate the best pricing on your behalf to stay within your travel budget.

With over 16 years of planning dive vacations for groups and individuals, we know what works and we know what to avoid.

Call us for your next dive vacation. You'll be glad you did.

- Doug Bennett, President

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Email: divetravel@excelonline.com



**Earthwatch Volunteer Divers Needed
Saving Puerto Rico's Reefs
New Dates! May 18-27, 2001**

Project Title: Assessment of Coral Reef Health around Puerto Rico: A Comparison of the Effects of Coral Diseases and Coral Predators between Nearshore and Offshore Reefs

Six divers, with at least 50 logged dives, are needed to assist in this project.

This is a NOAA project so there are medical evaluations that would need to be completed by volunteer divers. Cost is \$1765.00 and does not include transportation to and from location (Mayaguez, Puerto Rico). Interested? Please call Alicia Lenci 617 566-2515

To learn more about Earthwatch and its programs throughout the world, check it out on the Web:
<http://www.earthwatch.org/>

NEADC MEMBER DISCOUNT IN KEY WEST

Greetings from what is probably your southernmost US member. I've managed to be in New England just in time to miss the last two meetings by a week, but oh well. If there is interest, I have added the NEADC to the list of corporate rate clients at the Hampton Inn Key West, which currently subsidizes my diving. These rates are generally \$10 to \$20 below the best single person rate at any given time of year. There are occasional blackout dates, but not many. Corporate rate agreements run calendar year, so, for now, dates can be booked into Dec. Reservations and/or information requests on availability should be made through me, via e-mail at HKWest@aol.com, with 'attn. Karl' in the subject. Hope this might be useful to members; I also have pretty good rates for trips with one of the local dive shops... Captain's Corner.

Cheers,

Karl Compton in Key West

FROM YOUR PROGRAM DIRECTOR Al Bozza

Wendy and I recently returned from another fantastic dive club trip to Dominica. During the eighteen days we spent there, we were joined by more than twenty divers recruited from the NEADC, Mass Bay Divers and by word of mouth. As dive destinations go, this island is one of the best. Dominica has so much to offer both divers, as well as, non-divers. In short, the diving is spectacular. The water temperature hovers between 78-82 degrees and the visibility can't be beat. There is enough of a variety of type of dive site to satisfy any diver ranging from wall dives, soaring pinnacles, swim throughs and stunning coral heads. We saw octopus, frog fish, seahorses, an incredible array of coral, as well as, other marine life too varied to be named.

Dominica has stunning beauty above the water too. Here you can find one of the last remaining rain forests in the Caribbean, with mountain peaks rising past 4000 feet. The rain forest provides the island with over 300 rivers and some of the most awesome waterfalls you could hope to see. There are numerous hiking trails, in all degrees of difficulty and is a birdwatcher's paradise. The topography is simply breathtaking. Every hairpin turn in the road opens up an even more lovely vista than the last.

CATCH THE WAVE Be sure not to miss the FIFTH ANNUAL CATCH THE WAVE PARTY. This year's event will be held on June 16, 2001, at the Crowne Plaza in Natick, MA. Please come and join us for delicious food, lots of raffle prizes, music and dancing. This is a great opportunity to meet divers from other clubs so come and broaden your horizons. Tickets are \$30.00 per person. All proceeds will be donated to dive related causes.

SHARK DIVES There are two shark dives planned for this fall. Flyers and photos will be available at the Sea Rovers show this weekend and at our next formal meeting.

If you have any questions feel free to call me, Al Bozza, at (508) 384-1377..

MEMBERS COMMENTS

WEIGHT SYSTEM VS. STANDARD BCD AND BELTED WEIGHTS

I am writing this article to stir up opinions from readers. I have an opinion on how I feel about integrated weight system and I would like to hear from others on how they feel about them.

When I first saw them in a dive shop I thought "wow" this looks pretty good. No more clunky weights digging into my hips. It looks easier to add or subtract weight from the "pockets" rather than struggling with the nylon belts, twisting the weights in there and adjusting them so they don't slip. I know some folks are built differently and belted weights don't stay on their "hips" comfortably so having weights in the "pockets" of the IWS work for them.

The price of these integrated systems were a bit pricey, close to \$600.00 compared to my stripped down BCD for \$200.00 and approximately \$20.00 for weights and a belt. Well, my BCD was actually closer to \$270.00 after replacing the inflator hose.

I got in trouble a few years ago and had to ditch my weight belt. I had wondered if I had the fancy expensive IWS would I had hesitated in ditching the weights? Realistically, I wonder. Probably...

A fellow diver equipped with a IWS said she felt safer with it because she could discriminate the amount of weight she wanted to rather than all of it fearing that she could shoot to the surface too fast. I thought she made a good point but, ..in a semi-panic situation would she?

I welcome input on this subject. I see pros and cons with both systems.

Veronica Atlantis **Dive boat coordinator**

I am planning a trip to Thailand next winter aboard a liveaboard. For those that may be interested in doing this, email me at Atlantis007@altavista.com

AGENDA FOR GENERAL MEETING OF JANUARY 17, 2001

Meeting held in Conference Center. Officers attending: Maryhelen Shuman-Groh, Steve Groh, Al Bozza, Kathleen Sherman, Alicia Lenci, Brandy Derickson, Stephanie Williams
Absent: Ken Mulzet, Veronica Atlantis, Caroline Starita

Introduction and Welcome to New Members.
Who's Been Diving: Alicia Lenci - Long Pond ice dive with South Shore Neptunes. Al Bozza and Jackie Kronenberg - Dominica
OFFICER REPORTS: President - THERE WILL BE A SPECIAL VOTE TO AMEND THE CONSTITUTION AND BY-LAWS on Wednesday, March 21st.

NEW OFFICER POSITION: Changes to the Constitution and By-Laws are governed by Article V of the New England Aquarium Dive Club, Inc. Constitution: (For a complete copy of what was read at the meeting, please see the article in this issue of the Newsletter).
UPCOMING EVENTS: SEA ROVERS - March 3 and 4 at Fairmont Copley Plaza. Holly will be here at the February meeting to sell discount tickets for day sessions and film festival. We need people to staff the Club/Seamark table on Saturday and Sunday. Please see the sign-up sheet and schedule for a slot.

Holly is here with discount tickets.
NEADC PRESENTATIONS at Sea Rovers: We will have a video display and a slide display of member slides and videos. If you would like to do a slide presentation you must bring your own carousel. If you would like a slide made with your name, etc., please talk to Laura Coldwell-Stewart TONIGHT. If you want to show a dive related video that you have made, make sure that it is clearly labeled with your contact information and tape subject matter.

NEADC will again host BERTUCCI'S PIZZA PARTY at 5:30 p.m. on Saturday, March 3rd, between day session and film festival. All you can eat meal will be \$21 pp. We have room for 60 people this year (since we sold out last year). See Flyer.

WHITEWATER RAFTING - Sunday, April 15, 2001, Deerfield River. Good beginners run only two hours from Boston. \$52 pp includes lunch and gear (wetsuit if you don't own one, PFD, helmet, etc.). You must book by credit card directly with Crab Apple. See Flyer.

WHALE WATCH - Sunday, April 29, 2001, 9:00 a.m. \$21.53 pp (includes new City of Boston surcharge of \$1.03 pp). Fourth year we've been out and past watches have all been successful. See Flyer.

NEXT INFORMAL - Wednesday, March 7th at Bryce and Anna Flynn's in Foxboro - directions

in Newsletter

SPECIAL PRESENTATION of badges for the year 2000 to all those people who have done service this year by hosting an informal, attending regularly to help with the newsletter and leading dives. Present tonight were Tom and Tina Kemper and Ann Lambert.

DAN O2 KIT - The Club is looking into the feasibility of obtaining a Club owned O2 Kit. If you have views pro or con on this subject, please send your comments in writing to Alicia Lenci and come to the informals to join in the discussion. Lew Shaw informed the membership that Clubs having 70 or more DAN members receive a free O2 Kit. Alicia and Maryhelen will look into it. Members are invited to attend business meetings or write to the officers to add input.

CHANGE OF MEETING DATES - We have TWO changes of dates for meetings in 2001. The July Informal would have fallen on the Fourth of July and has been rescheduled to July 11th. Location to be announced. The NOVEMBER meeting would have fallen on the Wednesday night before Thanksgiving there were space and attendance issues so the meeting will be held on Wednesday, November 28th. It is the Annual Business Meeting.

Vice President - Caroline Starita - not present. We asked a member of the M/A Com Dive Club to tell us about their first Speaker Night held February 6th. It was a very good event although attendance was low due to the snow storm. The speaker, Dan Crowell, will be at Sea Rovers.

Business Manager - Steve Groh - financial reports are available at every meeting for review by interested members.

Secretary - Brandy Derickson - no announcement

Membership Director - Kathleen Sherman - See her at break for temporary cards.

Program Director - Al Bozza - Three Shark Dives are being scheduled and will appear in the newsletter. Catch the Wave will take place on June 16th at Crown Plaza in Natick.

Shore Dive Coordinator - Ken Mulzet. Ken is in Australia until the end of March. The Dive Planning Meeting will be held Wednesday, April 11, 2001, at the Charlestown Navy Yard. Please attend to help plan this year's events.

If you can't make it, please send your ideas, trips you'd like to coordinate, to Ken. Jim Carozza gave some info about the Morehead City trip to be held August 3-6. Please contact him for more information. Boat Dive Coordinator - Veronica Atlantis - in England. Veronica has been contacting dive shops and charter boats. We are offering operators free advertising in the newsletter if they will give

NEADC members discounts.

Environmental Affairs - Alicia Lenci
Information on upcoming events is in the Newsletter.

Newsletter Editor - Stephanie Williams.
DEADLINE for newsletter submissions is Monday, February 26, 2001 (preferably SOONER). This is the ABSOLUTE DEADLINE for the March edition as we are trying to have it ready for Sea Rovers. Please send newsletter submissions to Stephanie Williams

SPECIAL GUEST: Dave Morton, President of Sea Rovers, spoke for several minutes on the history of Sea Rovers and gave a preview of upcoming events at this year's show.

Aquarium Liaison - Sherrie Floyd
PARKING - Boston Harbor Garage has upped their fees (again). With the Members stamp parking is \$12.00 for 6 hours. Please remember that International Place parking discounts are for evenings (after 4:30 p.m.) and weekends only and is ONLY \$3.00 with NEAq discount.

Sherrie will take a head count at some time during the meeting and call Security at the Main Building to obtain the rebate vouchers for use in Harbor Garage if people still want to use it. Thanks! LEW SHAW: Announced the upcoming YMCA Scuba Instructor Training and SLAM. Flyers available.

Nancy Papagno announced upcoming Rhode Island Marine Archeology classes coming up and will get information to the newsletter.

Max Arias announced that the Annual Dry Dive Drive Around of Cape Ann will take place sometime in the late spring. We meet early and tour the dive sites of Cape Ann. Max will give an overview of each site. Bring a bag lunch. Lasts until about 3 or 4 p.m. followed by a gathering at Max's favorite local watering hole.

GOT DIVE: Date of GOT Dive is Saturday, March 3, 2001. GOT WINNERS: Stephanie Williams, Ted Maney with Alternate Chris Metcalfe

SPECIAL DRAWING: There was a special drawing of various Sea Rovers tickets donated by Dave Morton: SEA ROVERS WINNERS: Weekend Pass - Dean Barker; Weekend Pass - Max Arias; 2 Sunday Admissions - Alicia Lenci; 2 Sunday Admissions - Christina Sprusansky. Thanks to Dave Morton and Sea Rovers for these tickets!

Donna Romano introduced presentation by Ted Maney of Northeastern University.
NUMBER OF PEOPLE ATTENDING THIS MEETING: 85 WHOPPING GOOD NUMBER!
NEXT GENERAL MEETING - Wednesday, March 21st - Holly Martel on Great White Sharks in South Africa.

COASTSWEEP 2000 RESULTS

CoastSweep is the annual state-wide beach cleanup organized by the Massachusetts Office of Coastal Zone Management (CZM). Coastsweep is part of the international Coastal Cleanup, organized by the Center for Marine Conservation. Volunteers collect trash and other marine debris and record their findings onto datacards. These data are then used to identify sources of marine debris to help reduce the problem in the future. Interestingly, CoastSweep 2000 established a new record of number of beaches cleaned; also data as well as anecdotal reports suggest that our beaches are cleaner than past years! Grand totals for Massachusetts were 3,448 people cleaned up 52,222 pounds of trash, covering 157 beaches, 215.5 miles of coast line. NEADC had 38 members cleaned up 820 pounds of trash, covering 2 beaches, 0.75 of a mile. Thanks again to everyone who participated last year. Watch the club newsletter for 2001 clean up events.

ESSENTIAL FISH HABITAT SURVEYS 2001 (EFH)

Kick off EFH 2001 will be April 22, 2001 EARTH DAY! 15 meter substrate transect surveys on Cape Ann, sites to be determined that day. Meet at Burger King on Rt 128 9am. Bring your large slate, although some will be provided. No experience necessary, LEARN! For other *Dive In Earth Day 2001* Events visit: www.divein.coralreefalliance.org



VOLUNTEER DIVERS NEEDED

By Bob Miller

My dissertation project is an experimental study of why underwater rock walls typically harbor more diverse and dense populations of attached invertebrates, when compared to nearby horizontal rock. You have probably noticed this pattern when diving in New England, but it also seems to hold worldwide (hence the attractiveness of walls to divers!). The most relevant factors differing between the two habitats are light, predation, and sedimentation. Walls may offer a refuge from predators, sedimentation, which may smother filter feeding invertebrates, and algae, which may outcompete them. I have designed field experiments to determine the importance of each factor in maintaining these populations.

I have been diving off Nahant to set up my experiments, through Northeastern University's Marine Center. I need to check them frequently, at least twice per month, and rely on volunteers to assist me in this work. Volunteering requires certification as a scientific diver through NU. If you are interested in volunteering, please email Bob Miller (robert.miller@umb.edu) or call me at 617-287-6638.

DIVERS' ALERT NETWORK and NEADC

As many of you know, the Club gets credit for enrolling new D.A.N. members. Over the past few years we were under the impression that not only new but renewing members counted towards accumulation of points for NEADC. We also learned at the last General Meeting that D.A.N. has a program that donates O2 kits to Clubs with 70 points. I made inquiry regarding this program. I today heard from D.A.N. Membership and found out that this program is about to be phased out due to new tax regulations. I also learned that we have only 2 points accumulated. Given the number of Club members and how many of you have enrolled in D.A.N., this number should be much higher. IF you have enrolled in D.A.N. in the last year, please make sure you contact them or me so that credit can be given to NEADC. Our Sponsorship No. is #028580. If you plan to enroll this year, please do so immediately and make sure our sponsorship number appears on your application. If you need further information, please contact me Maryhelen Shuman-Groh 2001 President New England Aquarium Dive Club, Inc.

**MetroWest Dive Club 9th Annual New England
Wreck Diving Symposium 2001**

“A Wrecks Odyssey”

Saturday, April 7, 2001

The only show in New England designed exclusively for wreck divers, by wreck divers.
Keefe Tech. High School, 750 Winter St. Framingham, MA

Guest Speakers:

Mark Miller: The Kwajalein Atoll Project

Jarrold Jablonski: The Britannic Project (Titanic's Sister Ship)

Capt. Dan Crowell: The Birth of Techwreck Diving

Dick Long: The Yukon Project (Artificial Reefs)

Speakers, Artifact Displays, Gear Displays, Manufacture's Booths, Door & Raffle Prizes
(lights, knives, regulators: Scubapro Mark20 S600) and Much More!

Doors open at 8:30 a.m. Symposium 9:15 a.m. - 3:00 p.m.

Decompression “Meet the Speakers” party - 3:30 p.m.

MWDC members \$12, non-members \$15

For more info, checkout www.mwdc.org/wrecks2001

Directions: From Rt. 9 in Framingham. Take Rt. 126 south 1.5 miles into downtown. Turn right onto Rt. 135 west (Railroad tracks) follow 135 for 1/2 mile. Bear right at light, (Auto dealer on left, gas station straight ahead) go over bridge. Keefe Tech. will be 1/2 mile on your right.

Lowell Lecture Series

Norbert Wu, award-winning underwater photographer and 1999 Pew Marine Conservation Fellow, will be at the Aquarium on Thursday, April 26, 2001 as part of the Lowell Lecture Series.

He is presenting a slide presentation on the marine life of the Antarctic underwater world. The presentation will

also include a special 15-minute advance screening of the upcoming PBS documentary "Under Antarctic Ice". The presentation will begin at 7:00pm in the Conference Center of New England Aquarium.

Marine Lecture Series Spring 2001

Wednesday Evenings at 7:30PM at Northeastern University's Marine Science Center in Nahant. Free Admission. Begins March 21, 2001. Check website for lecture topics <http://www.dac.neu.edu/msc/>

YMCA SCUBA LEADERSHIP TRAINING

Boston Area YMCA Scuba Leadership training at Northeastern University Conducted by NEADC members Ted Maney and Lew Shaw

April 7 & 8, 2001 DiveMaster (\$150)

May 19 & 20, 2001 Scuba Lifesaving and Accident Management (SLAM Rescue) (\$125)

May 19, 2001 First Aid for Hazardous Marine Life

May 20, 2001 CPR and DAN Ox Provider (\$35 each, \$90 for all 3, \$80 for DAN members, \$75 if taken with SLAM)

June 2 & 3, 2001 Assistant Instructor (\$250)

For More Information Contact: Lew Shaw, 176 Old County Road, Westport, MA 02790, 508-636-5796, lshaw@suffolk.edu

New Guinea Diving (Part 1 of 3 parts)

Charlotte Richardson and Paul Young

INTRODUCTION

Sometimes, things just work out nicely. In planning for our usual combined underwater photography and ham radio vacation in November and December, Paul discovered that we could plan a three-part diving trip that connected up nicely with the dates of the big ham radio contest, and sounded like a lot of fun as well.

We could spend the first week of the vacation doing ham radio and scuba diving at Loloata Island, in Bootless Inlet offshore from Port Moresby. Then we could fly to Alotau and board the Chertan for a ten-day liveaboard trip in Milne Bay and the D'Entrecasteaux Islands. The Chertan had been booked by the Northern California Underwater Photographic Society and had an available cabin which we booked, so that promised to be a camera-intensive bit of diving. Then we could return to Port Moresby and fly to Hoskins. After one night at Walindi Plantation and two dives on their day boat we could board the Star Dancer for a week. The Peter Hughes boat had a special discount for the second diver which made this a really good deal, and they had free Nitrox. So we took a Nitrox course right before we left on this trip. Fitting all these pieces together along with the interminable flying time on either end of the trip would use up all of our vacation time and budget, but, oh, what fun! We had enjoyed our first trip to Papua New Guinea eleven years earlier, and were looking forward to a return visit with a lot more diving scheduled.

LOLOATA ISLAND

Loloata, which means "one-hill island", lies in Bootless Inlet about 20 km southeast of Port Moresby, reachable by water taxi from the marina. Loloata Island Resort occupies all of the flat land on the island. It is run by Australian Dik Knight. The resort has sixteen rooms as well as conference facilities. Some kind of public safety course for local officials was in progress in the conference building while we were there, with CPR dummies and other first-aid gear in evidence. Our comfortable room was at the end of the sand spit, so that we could set up the ham radio antenna as far away from the "one hill" as possible. It was a short walk to the dining room and the long dock for the dive boats and water taxi.

The resort has a large custom-built dive boat. It has plenty of space for tanks and gear, a covered deck, and a dry cabin in the bow where you can stow cameras and dry clothing. The boat is fast and stable, and has two ladders. It carries a radio and first aid gear including oxygen. There is a small fresh-water rinse tank at the stern for camera gear and a hot water shower. Hot water for tea or coffee, cold water, soft drinks, fresh fruit, cookies, and dry towels were provided. The dive staff loads and unloads the dive gear, and at the end of the day washes it and hangs it to dry in a secure area. There is a smaller "six-pack" sort of boat as well, but it wasn't used while we were there. The normal schedule is two morning dives, then return to Loloata for lunch, and then an afternoon dive, usually at a shallow "muck" site for macro photography. Night diving was possible after supper if two or more divers were interested. Because most of our camera gear did not arrive for several days, by which time Paul was busy with the

ham radio contest, we uncharacteristically did not do any night dives at Loloata. Diving off the end of the dock was also possible. One of the other divers during our stay was doing graduate research on blennies, and spent a lot of time diving the sandy area off the dock. You can snorkel off the beach, or kayak there, though it is sandy and shallow for a long ways out. I spotted a small shark hunting in very shallow water right under the deck behind our room. The water temperature was in the low to mid 80s. Visibility varied from about thirty feet or so in the muck dive areas to more than a hundred on the bommies, depending on the tidal currents.

All of the dive sites have mooring buoys. So there is no anchor damage, and the sites are easily located. The dive staff knows the critters that inhabit the sites, and were able to locate the pygmy seahorses, lacy scorpion fish, ghost pipefish, spindle cowries, and other less-common animals for us. Most of the dive sites are bommies that form part of very large chain of reefs across the entrance to Bootless Inlet. There are also several wrecks. Afternoon "muck" dives were often at Lion Island, where an intact small wreck on a sand bottom in fairly shallow water hosts some twenty different species of shrimp as well as ghost pipefish. The seagrass areas nearby are home to all kinds of interesting critters, especially molluscs. The most interesting fish I saw there, after I had run out of film, of course, was a baby wobbegong shark about six inches long.

One of the most popular wreck sites is the "Pacific Gas" (Nanayo Maru), an LPG tanker that was sunk (after removal of its two tanks) in 1986 as a dive attraction. It is intact, upright on a steep sand slope, and rather deep at the stern end. The whole wreck is covered with soft corals. Many lionfish live on the bow. There is a rare spindle cowrie on a whip coral at 130 feet. The Pai wrecks are also fairly deep and are subject to strong currents and lower visibility. A sea fan on the sand next to the Pai II wreck has pygmy seahorses, and a green lacy scorpionfish (Rhinopias aphanes) lives nearby.

The various bommies mostly form parts of Horseshoe Reef at the entrance to Bootless Inlet, and are similar to each other. They are covered with brilliant soft corals, gorgonians, and sea fans, and topped by staghorn coral. Some of the sea fans are twice as wide as I am tall. Suzie's Bommie is the most colorful of the ones we visited. A rare pink-orange lacy scorpionfish was living on End Bommie. It is hard to spot because it looks very much like a crinoid. Whitetip and grey reef sharks inhabit the deeper water nearby. Huge schools of fish hang out above the bommies, particularly sweetlips, jacks, and barracudas, especially when a strong current is running. Nudibranchs and stonefish live in the rubbly areas. There are an amazing number of sea snakes, mostly banded kraits. It is interesting to watch them hunt for blennies in all the nooks and crannies of the bommies. We even saw a banded krait on land one morning, which surprised me.

Next month (part 2): Milne Bay and the D'Entrecasteaux Islands Aboard ChertanChertan

CALENDAR OF DIVES AND EVENTS

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!

DATE	EVENT	DETAILS/CONTACT INFORMATION
Saturday, March 3 & Sunday, March 4	Sea Rovers Underwater Clinic	Fairmont Copley Plaza Hotel. VOLUNTEERS needed to staff the NEADC/NEAq/Seamark table Saturday and Sunday.
Saturday, March 3	NEADC Dinner at Bertucci's (Sea Rovers Weekend)	\$21 (includes tax and tip) All you can eat pizza, pasta extravaganza designed to feed you quickly and in good company with plenty of time to go to the Sea Rovers Film Show at John Hancock Hall 3 blocks away. A good time and a great deal. Advance registration necessary! Contact Maryhelen Shuman-Groh (508) 821-4704
Wednesday, March 7	Informal Meeting	6:30 p.m. Informal Meeting at the home of Bryce and Anna Flynn in Foxboro. See Directions on Page 2.
Saturday, March 10	Turtlepalooza	Special Day of Marine Turtle events at New England Aquarium. VOLUNTEERS to staff information table at top of the Giant Ocean Tank are needed. Contact: Sherrie Floyd, (617) 973-5248.
Wednesday, March 21	GENERAL MEETING	6:30 p.m. New England Aquarium IMMERSION THEATER. Guest Speaker: Holly Martel-Bourbon on her recent expedition to South Africa to study the Great White Shark.
Friday through Sunday, March 23 - 25	Beneath the Sea	Dive Show and Underwater Photography Contest. Info: www.BeneathTheSea.org Ticket requests: Tickets@BeneathTheSea.Org
Wednesday, April 4	Informal Meeting	6:30 p.m. at the home of Angela and Barry Rabinovitz at 467 Quincy Shore Drive, North Quincy, MA. 617 328-7080 -- See Directions on Page 2.
Wednesday, April 11	2001 DIVE PLANNING MEETING	CHANGE OF LOCATION!!! The home John and Betty Moynihan. 116 Estes Street, Everett, MA. Dinner will be served. Contact Ken Mulzet (617) 666-4984 or Maryhelen Shuman-Groh (508) 821-4704. See Article and Directions this issue.
Sunday, April 15	Whitewater Rafting	Deerfield River, Charlemont, MA - Crabapple Whitewater. Contact Steve Groh or Maryhelen Shuman-Groh, (508) 821-4704. See Article This Issue.
Wednesday, April 18	GENERAL MEETING	6:30 p.m. New England Aquarium IMMERSION THEATER. Guest Speaker: Nancy Cann, Save the Manatee. Rescue and Rehab efforts in Florida
Sunday, April 22	EARTH DAY	11:00 a.m. - 4:00 p.m. Hatch Shell, Charles River Esplanade Celebration (no diving)
Sunday April 22	DIVE IN TO EARTH DAY	15 meter substrate transect surveys on Cape Ann, sites to be determined that day. Meet at Burger King on Rt 128 9am. Bring your large slate, although some will be provided. No experience necessary, LEARN! Contact Alicia Lenci (617) 566-2515 For other Dive In Earth Day 2001 Events visit: www.divein.coralreefalliance.org
Thursday, April 26	LOWELL LECTURE SERIES	7:00 p.m. New England Aquarium Immersion Theater. NORBERT WU , award-winning underwater photographer and 1999 Pew Marine Conservation Fellow, will show a slide presentation on the marine life of the Antarctic underwater world. The presentation will also include a special 15-minute advance screening of the upcoming PBS documentary "Under Antarctic Ice". The contact for more information is Megan Sullivan (617) 573-0742 or megans@neaq.org .
Sunday, April 29	WHALE WATCH	Annual NEADC Whale Watch. 9:00 a.m. at New England Aquarium. Contact Steve Groh or Maryhelen Shuman-Groh, (508) 821-4704. See Article This Issue.
Late April/Early May	DRY DIVE AROUND	The annual tour of Cape Ann dive sites will take place under the direction of Max Arias. Watch for the April newsletter for details.
Wednesday, May 2	Informal Meeting	6:30 p.m. NEADC Informal at the home of Tom and Tina Kemper, Wayland, MA (508) 655-0546 (Directions in April Newsletter)
Saturday, May 5	Boat Dive ✓	Lanesville Shores*
Sunday, May 13	Boat Dive ✓	Folly Point*
Wednesday, May 16	GENERAL MEETING	6:30 p.m. New England Aquarium Conference Center. Guest Speaker: TBA
Saturday, May 19	Boat Dive ✓	Andrews Point*
Sunday May 20	Bay State Council of Divers Treasure Hunt	Stage Fort Park, Gloucester, MA. Registration starts at 8:00 am and SCUBA event starts between 9:30 am & 10:00 a.m. For info call Angelo Correnti (781) 391-1034
Sunday, May 27	Boat Dive ✓	The Ledges*
Saturday, June 2	Boat Dive ✓	Bartlett Rock*
Sunday, June 10	Boat Dive ✓	Sandy Bay Breakwater*
Saturday, June 16	Boat Dive ✓	The Haight*
Saturday, June 16	Catch the Wave 2001	Multiple Dive Club Charity Event. Crowne Plaza, Natick. Watch the Newsletter for details!!

DATE	EVENT	DETAILS/CONTACT INFORMATION
Wednesday June 20	GENERAL MEETING	6:30 p.m. New England Aquarium Conference Center. Guest Speaker Marianne Farrington of the Edgerton Research Lab
Sunday, June 24	Boat Dive ✓	The Salvages*
Saturday, June 30	Boat Dive ✓	Gully point*
Wednesday, July 4	Boat Dive ✓	Straightsmouth Island*
Sunday, July 8	Boat Dive ✓	Paradise Cliffs*
Saturday, July 14	Boat Dive ✓	The mouth of Loblolly Cove*
Friday through Sunday July 20-22	Camping	Fort Getty, Rhode Island. Sites are \$25 per night. One tent with up to six people per site. This is also the weekend of the NEADC picnic. Contact Maryhelen (508) 821-4704.
Saturday July 21	NEADC ANNUAL PICNIC	Fort Getty, Rhode Island. Watch the Newsletter for more information.
Sunday, July 22	Boat Dive ✓	The Chelsea*
Saturday, July 28	Boat Dive ✓	Thatcher Island*
Friday through Sunday August 3-6	MOORHEAD CITY, NORTH CAROLINA	Details to follow. Contact Ken Mulzet (617) 666-4984 or Jim Carozza (617)-966-0111

✓ **BOAT DIVES EASY DIVER:** Leaving at 10:00 am. Passengers are advised to be aboard at 9:30 am. EASY DIVER sails from the Cape Ann Marina ("J dock"). Normal charter fee is \$45, *NEADC members enjoy a \$10 discount*. Dive sites depend upon the weather and the Captain's judgement. Charter space should be arranged well in advance as the boat tends to fill up fast. Checks payable to Fred Calhoun, mailed to Apple Ridge 2-6, Maynard, MA 01754. Tel: 978 897-0877. When the weather says we can't go, we don't go. The Captain and crew will dive with passengers if they desire so at no extra fee. Charter passengers may bring two cylinders. Passengers should bring a lunch and appropriate clothing. EASY DIVER boasts a clean toilet and a secure changing area.

SUMMER MARINE BIOLOGY PROGRAM PROPOSED 2001 COURSE OFFERINGS
Northeastern University, Marine Science Center, East Point, Nahant MA 01908

INTRODUCTION TO MARINE BIOLOGY BIO1174 4 Credits

Learn about marine life this summer! Gain a broad introduction to the remarkable diversity of life in the ocean and coastal regions. Emphasizes oceanography, the marine environment and the adaptations of marine organisms to the unique properties of the ocean. The course begins with a survey of the major physical, chemical and geological characteristics of the ocean - setting the stage for investigations of the ecology and behavior of the major groups of marine life. Prospective field trips include rocky beaches, salt marshes, whale watch and a trip to the New England Aquarium. No prerequisites. Offered evenings: Tuesday, Wednesday, Thursday 6:00 - 9:00pm; June 26 - July 26

MARINE BIRDS & MAMMALS BIO1449/BIO3349 4 Credits

A comparative study of marine birds and marine mammals and the adaptations that enable these vertebrates to exploit the marine environment. The course is field-oriented and emphasizes research on physiology, ecology, behavior, zoogeography and phylogeny. On field trips we visit coastal habitats for shorebird studies and offshore waters to study cetacean behaviors and adaptations of New England species. Students should have a solid science background. All students should bring binoculars. Offered Fridays 9:00am - 4:30pm; June 22 - August 24

DIVING RESEARCH METHODS BIO1270/BIO3270 4 Credits

A field-oriented course designed to introduce SCUBA certified students to techniques used in the study of biology, ecology and physiology of subtidal organisms. Current underwater research methods are learned and implemented in underwater exercises. Potential topics for lectures and labs include: diving physiology, sampling design, statistical analysis, underwater video and photography, population censusing methods, measurement of currents and hydrodynamic forces, underwater telemetry, and use of submersibles in research. Students supply their own dive gear except tanks. Research diver and O2 administration certifications are available. This course fulfills AAUS scientific diver training requirements. Scuba certification and extensive dive physical are required. Offered 9:00am - 5 PM; June 11 - 17, and June 22 - 24

For update on course dates and course offerings contact the program office at the phone number, address, or website:
Northeastern University, Marine Science Center, 430 Nahant Road, Nahant, MA 01908, (781) 581-7370 x311 (office), (781)
581-6076 (fax), Internet: sgenoves@lynx.neu.edu, <http://www.dac.neu.edu/msc/>

New England Aquarium Dive Club Membership Form

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

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

- Individual \$40
- Couple/Family \$70
- Quartermaster \$100
- Master Mariner \$150
- Friend of Aquarium \$250

- Dive Club Membership \$15 (per person)

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 listed above. Your membership card will be returned to you marked "DIVER". If you have any questions, please call the Aquarium Membership Office at 617-973-6555/6564.



Central Wharf, Boston, MA 02110

Special Vote to Amend the NEADC Constitution, 03/21/01

