

DIVE LOG



The Bimonthly Newsletter of the United Divers of New Hampshire

'97 - A YEAR OF CHALLENGES

By Jean Stefanik

Notes from the President...

This year has begun with wonderful enthusiasm on the part of the officers, and it's encouraging for me to see the pieces falling together because of the collective energies of everyone volunteering and conscientiously following through.

We all wish Rick Bardsley a speedy recovery from his heart attack, and hope he will soon be back to diving and other pleasant pastimes. I think everyone I spoke with was touched by his experience - both for he and June - and because we are all aging. Many of us personalized that "it can happen to anyone... including me!" What a great time to be thankful for that which we often take for granted (like good health, family and friends), and make a few private, personal resolutions for now and the future.

The Bahamas and Florida club trips went well - lots of experiences to share. Chronicle aired on Monday, Feb. 10, and it was definitely clear the camera liked Tom, and our club T-shirt received great coverage also. We need to think about options for the future. Belize in August, by the way, will probably NOT happen - the highly recommended dive facility is undergoing renovations and won't be open. Do call Dick Kurisko because he has arranged groups to go other times of the year (something I personally can't do — but you could!) Speaking of trips, I am planning to be in Australia in late July/early August and have a timeshare which accommodates 6. I might stay longer in Australia, or sidetrack to Fiji and/or Hawaii. Anyone interested?

The Jay Lewis Committee has formally begun discussing the use of funds - any input both in terms of history details and specific plans for funds, please contact me or a member of the committee (Rick T., Wayne R., Gary C., Arnold, and Phil M.). We'd like to produce a pamphlet which explains the fund, as well as support a few good causes!

Please look elsewhere in the newsletter for upcoming dives - they sound great! Be there - diving or shore supporting others. Teamwork always works better at club events. See the Nov/Dec. *DiveLog* for info regarding the upcoming Isles of Shoals Challenge.

Sea Rovers is approaching and lots of help is needed. Tom Tremblay is organizing the booth, anyone who volunteers to help is in the raffle for a free DAN membership, and besides, it's a great time! Many will plan to do dinner sometime early Saturday evening — do join us.

continued ...



New officers for 1997, l-r Ken Anderson, Dive Coordinator; Mike Griffin, Vice-President; Jean Stefanik, President; Ron Mann, Asst. Dive Coordinator. front: Lea Nichols, Newsletter Editor. (not pictured: June Bardsley, Treasurer; Don Eva, Secretary) (photo by Don Eva)

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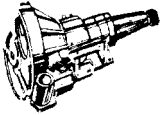
Elsewhere in the newsletter is a listing of the First Aid/CPR course scheduled for the 2nd and 4th Mondays in March. The DAN Oxygen course will be the 2nd Monday in April. I'm personally pleased to see the interest early on in refreshing and increasing our personal and collective safety awareness. We need a few more people to make each course "happen" - so sign up soon.

The Board is working on lining up speakers for future meetings, and is committed to making time for pool use by more members. If everyone in the club (including me) makes a commitment to line up even one good speaker AND go in the pool once in a while, both objectives are more easily accomplished.

That's all for now - see you at an upcoming club activity - and oh, by the way, be sure to renew your membership if you haven't!



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Terry Maas to Speak

Terry Maas, author of *Blue Water Hunting and Freediving*, and accomplished free diver is the featured speaker at this year's Divers Introductions, sponsored by Atlantic Aquasport. It will take place Saturday, March 22 at Yoken's Restaurant on Route 1 in Portsmouth. Tickets are \$20.00, and include a full buffet dinner.

For info and reservations, call Don Stevens at (603)436-4443.



The Newsletter of the United Divers of New Hampshire

Editors: Lea Nichols
Gary Thuillier

Submissions

Editorial contributions may be e-mailed to COMPTUS@aol.com or FAXed to 603-487-5513. Submissions can also be sent on paper or PC floppy to:

Lea Nichols
342 Lyndeboro Road
New Boston, NH 03070

Please include a brief byline and author contact information with your submission. Submission shall automatically constitute an expressed warranty by the contributor that the material is original and is in no way an infringement on the rights of others. While no compensation is paid for published submissions, a byline indicating the source of an article will always be provided. Authors grant *Dive Log* and United Divers of New Hampshire first print rights to the submission. *Dive Log* and its editors reserve the right to edit all materials as needed. The opinions stated in the articles in *Dive Log* are those of the writers and do not necessarily reflect the opinions of the United Divers of New Hampshire or the editors of the *Dive Log*. For further information, please contact Lea Nichols at (603) 487-2726.

Subscriptions

Subscriptions to *Dive Log* are included in the UDNH membership fees. Non-members may subscribe to the newsletter for \$15/year. Subscription inquiries should be addressed to Lea Nichols as well.

Advertising

Rates for a full year placement (6 bimonthly issues) range from \$75 to \$360, depending on placement size and location. For detailed information on advertising in *Dive Log*, contact Don Eva at (603) 672-5608

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DEMA 1997

by Jake Richter

We've just come back from a busy two weeks in Central Florida. Our official reason for having gone was to attend the 1997 Diving Equipment & Marketing Association (DEMA) Show, but we managed to squeeze in a swim with some manatees in Crystal River, a one-mile drift snorkel/dive in the Rainbow River (more on this in the next issue, if the photos turn out well), as well as all the regular amusement parks in the Orlando area. Our 19 month daughter now knows Mickey Mouse ("Baaah!", as she calls him) by sight, and makes painfully sure we're aware when she's spotted him.

DEMA '97 was held at the Orlando Convention Center from January 9th through the 12th, and featured 750 exhibitors, dozens of seminars, and an expected 15,000 attendees. Admission to the annual show is limited to members of the Dive industry, which means dive shop owners and employees, dive instructors, the press (editors, writers, etc.),

manufacturers of dive equipment, dive resort operators and employees, and dive travel agents. Consumers are not permitted at the show, as DEMA (the organization) feels that would seriously impair the ability of exhibitors to conduct business with their buyers - primarily dive shops. As it stands now, when price lists are given out at the show, they list dealer or wholesale prices, and suggested retail prices. Understandably, both dealers and manufacturers would prefer that such information is not made readily available to consumers. In respect of that concern, don't expect to see any such information published here.



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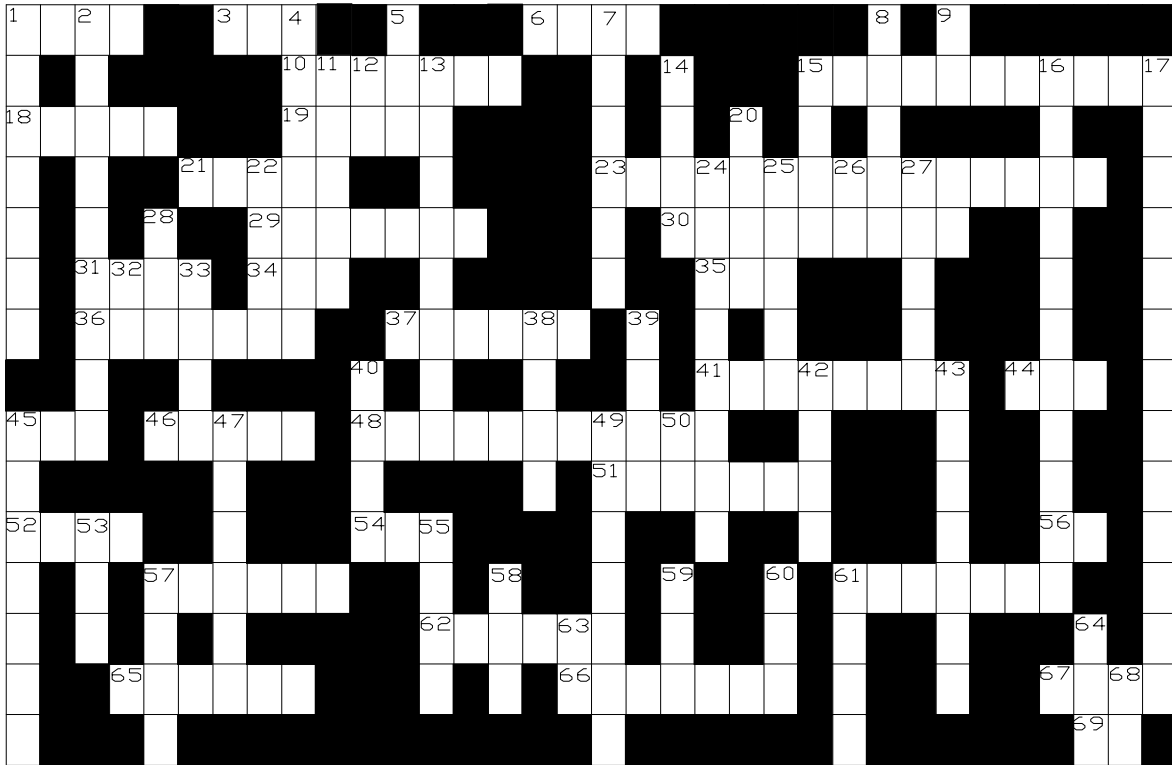
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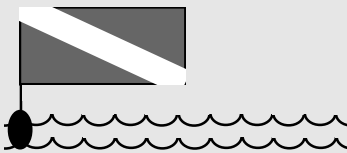


by Gary Thuillier

DOWN

1. On the surface.
2. Must be to do it right.
4. UNEXSO is here.
5. You see a shark, You think to yourself "I hope he already_____."
7. Dive trip by camel?
8. French or Spanish.
9. Two parts Hydrogen and one part Oxygen.
11. Yap's Stone _____?
12. Nothing to do with diving but it is a word.
13. Some Eels and some Rays.
14. It's a Grand place to get wet.

15. The prow of a vessel.
16. You really need to use yours for this puzzle.
17. Sometimes integrated. (2 words)
20. Number 14 is noted for this.
22. Don't leave home without it. At least on a dive trip.
24. Although controversial cheese in a can is often used for this
25. It can be hard or it can be soft
26. That is (Latin)
27. These will often compete with gulls for nesting
28. Spotted or Ribbon.
32. Top of the line Nikonos.
33. Enriched Air Nitrox
38. Ann or Cod.
39. One of the Caymans.



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- 40. Container (for what, you'll have to guess.
- 42. Direction
- 43. Cousin to flounder.
- 45. One of the best local areas to dive.
- 47. Don Stevens probably used this on the Andrea Dorea.
- 49. Look but don't take in NH.
- 50. My initials.
- 53. UDNH is a bronze sponsor.
- 55. Visual every
- 57. Airplane was sunk for one of these movies in Bahamas
- 58. Piece of dive equipment.
- 59. Keep track of your dives.
- 60. On most boats, someday we'll have it underwater.
- 61. Sun, Sea, Basket or Brittle
- 63. Northwest.
- 64. High pressure adapter.
- 68. 315 degrees is not necessarily hot.

ACROSS

- 1. Former advertiser UNDERWATER PHOTO _____
- 3. U352
- 6. Coral
- 10. Non-professional
- 15. Trimmed for wreck diving
- 18. Yellow or white fish
- 19. _____ reservation

- 21. Tropical bird
- 23. Time during which you hope the sea is calm (two words).
- 29. North or South.
- 30. Driving in Bermuda? Don't forget conversion!
- 31. _____dive
- 34. An Eagle is one of these.
- 35. You need a housing for this.
- 36. Most popular getaway for divers.
- 37. Jacques Cousteau is this.
- 41. Scrawled _____
- 44. Find the _____
- 45. Dwindling bottom fish
- 46. Mask strap, 0 rings, etc.
- 48. Galapagos
- 51. Often maligned creature of the deep
- 52. Acronym we're all familiar with
- 54. Cay's correct pronunciation
- 56. Signal
- 57. An island in the Bahamas
- 61. You forgot the SPF15 block
- 62. No more than 3 ft per second
- 65. Sharks and Dolphins
- 66. Usually included in a dive trip
- 67. I prefer the Force _____
- 69. 68 down

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Jacques Cousteau at DEMA by Jake Richter

At a charity dinner benefitting Ocean Futures (<http://www.oceanfutures.org>), the father of recreational diving, Captain Jacques Cousteau, received the Oceanus Award. He was given the award in honor of his unswerving and on-going commitment to environmental awareness and protection.

The evening started with a slide show courtesy of Chris Neubert and Birgitte Wilms, renowned underwater photographers. After some introductory remarks by John Englander, Ocean Futures' Chairman, famed underwater photographer and videographer Bob Talbot took the podium. Talbot gave an emotionally charged presentation about the threats our oceans face from pollution and mass-fishing techniques. Driving home his points were vivid, and oft frightening pictures he has taken over the years, showing, among other things, the horrifying impact of gill nets on seals and birds.

The evening ended with Cousteau's award. While Cousteau is now 86 years old, he didn't show his years. While getting frailer in body, his voice during his acceptance speech was strong, and identical to the voice we have all heard in the many Cousteau TV specials we have seen over the years.

In an emotional plea to all in attendance, Cousteau urged us all to continue trying to find ways to save our oceans, but also not forget that a large number of our planet's citizens don't have fresh water to drink, and meanwhile leading nations use fresh water to flush toilets. "It makes me sick", he said. Cousteau also asked for help in funding Calypso II, his new research vessel to replace the accidentally sunk original Calypso.

While we didn't join the line of people seeking autographs, standing within 10 feet of the man who

brought us scuba diving was quite inspiring, and an evening we will never forget.

1997 - Year of the Reef

The United Nations has proclaimed 1997 the *Year of the Reef*, and that theme was heavily utilized by a number of exhibitors at the show. There were a large number of marine environmental organizations at the show using this theme as well, including DEMA's own Ocean Futures, Reef Relief, the Cousteau Society, the Coral Reef Alliance, and the Nature Conservancy. While conservation groups focused on the extensive threats our world's reefs face from pollution, toxins, cyanide and dynamite fishing, among others. Dive equipment makers meanwhile showed how their equipment might help divers better avoid reef contact. (It should be noted that the amount of damage reefs suffer from divers is dwarfed by the damage things like pollution and fishing do, but nonetheless, every little bit helps towards keeping our reefs alive.)

Gas Separation Membrane Patent

At DEMA '97, Undersea Breathing Systems (UBS) of Lake Worth, Florida, announced that it is expecting to receive a patent on its gas separation membrane technology for the production of oxygen enriched breathing gases, like Nitrox. UBS has been marketing their technology under the name DNAX. The purpose of their announcement was to warn other companies that use similar technology to produce Nitrox and other mixed gas blends for diving that they may be infringing UBS's forthcoming patent. The company stated that it will take all steps necessary to protect all its rights when the patent issues. However, until the patent is issued, it's not clear exactly what it covers, and therefore how it may or may not affect other manufacturers.

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Exhibiting

This year's highlights include Stan Waterman's World Premiere of his latest work, "Fiji with the Nai'a"; Brian Skerry's latest work "Mythical Atlantic"; and a wide variety of workshops and presentations on Saturday and Sunday.

Once again we must start planning for the new year. Our club usually exhibits at the Boston Sea Rover show in March. We have a lovely new exhibit booth which you can see at the banquet to house a video display as well as underwater finds. Anybody interested in donating their time or ideas to the project should contact Tom Tremblay at 603-625-8459.

Attending

As a reminder to those interested in attending, early bird ticket prices are \$15 each for Saturday day, Saturday Evening Program, and Sunday Day. Or all three for \$36, or any two for \$25 and get a free \$5 ticket to the "Meet the Speakers" Party on Saturday night. Order by January 15, 1997. Send check

payable to Boston Sea Rovers, PO Box 293, Bedford, MA 01730-0293. Or call the hotline number (617) 424-9899. Or contact Jake or Linda Richter (603) 432-0234 to get your tickets.

Hotel discounts are available at the Copley Plaza Hotel for \$121 per night, single or double occupancy. Call direct and mention Boston Sea Rovers (800) 795-3906.

Dive Equipment Mart

The Equipment Mart is a service offered by *Dive Log* to the members of the United Divers of New Hampshire dive club. If you have any equipment you are interested in selling, or are looking for any particular piece of dive related equipment, please drop the editors a note. Their contact information can be located on Page 2. Note that only personal articles will be offered, as commercial advertising and sales are handled separately via vendor advertisements. *Dive Log* makes no warranties or representations as to the suitability or state of any equipment offered via the Equipment Mart, as ascertaining those conditions is the responsibility of the purchaser of such goods.

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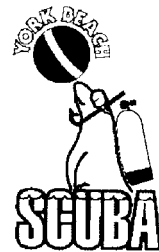
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Meetings and Events

February 22 Annual Ice Dive - Lady of the Lake @Winnepesaukee. Meet at 9:00 @ Marine Safety dock in Gilford. Contact Lea Nichols - 487-2726 or Wayne Russell - 669-7124 for info.

March 3 Meeting - Speaker: Dave Woods from York Beach Scuba will give a rundown on the Atlantis 1 rebreather and its uses.

March 8,9 Boston Sea Rovers 43rd Annual Underwater Clinic. Contact Tom Tremblay for booth setup info. 625-8459

March 10 First Aid/CPR course. ~6:30 @ Manchester YMCA Contact Jean Stefanik - 647-1063 for info

March 17 Meeting - Manatee adventure in Florida.

March 24 First Aid/CPR course (part 2)

March 21 Beneath the Sea diving symposium, Meadowlands, NJ

April 7 Meeting - Video of New Zealand Underwater Hockey

April 14 DAN Oxygen course ~6:30 @YMCA. Contact Jean Stefanik for info.

April 21 Meeting

April ??? Tubing down the Piscataquog River. Date depends on water flow. Contact Gary Thuillier 487-3001 for info.

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Club Meetings

Meetings are held the first and third Mondays of each month, except for January, November, and December, and when a meeting might interfere with the Independence Day or Labor Day holidays. We encourage potential members to attend a meeting or two to experience our club before joining. The meetings are held at the YMCA on 30 Mechanic St. (off of Elm Street) in Manchester. The meetings start at 7:15 PM. Each meeting consists of a short business portion followed by a variety of presentations and discussions. Immediately following the club has an hour of pool time for swimming, trying out gear, and the occasional game of underwater hockey. Members and guests often meet afterwards at a local restaurant for food and drink.

Extreme Weather

Meetings will be held if the YMCA is open. You can call them at 603-623-3558. Check close to the meeting time as the front desk often has no advance warning of early closures.

Membership

Annual dues for membership for 1996 in the United Divers of New Hampshire are \$25/individual or \$40/family. Dues are not prorated for members who join later in the year. To join, please contact Don Eva at 603-672-5608

Get in the Swim

After every meeting, the YMCA pool is open to our dive club for an hour of fun and fitness.

Don't wait for the ice to thaw before trying out that new equipment, the pool is the perfect place. Check out the club calendar for special presentations in the pool like dive knife use or trying out a dry suit. So bring a suit and a towel to every meeting and get into the swim.

United Divers of New Hampshire Contact Information - 1997

President	Jean Stefanik	603-647-1063
Vice President	Mike Griffin	603-598-0151
Treasurer	June Bardsley	603-673-8539
Secretary	Don Eva	603-672-5608
Dive Coordinator	Ken Anderson	603-335-6370
Ass't Dive Coord.	Ron Mann	603-883-9015

Ice Diving

by Lea Nichols

Penetrating the frozen canopy of a lake is a team sport that requires its participants be mentally and physically prepared for their adventure. People assume that under the ice is a dark, claustrophobic world. Those that have previously made the journey can tell you there is as much light as on a bright cloudy day. The ice canopy is no more visually confining than open water. Of course it is necessary to enter and exit using the same hole or risk bumping your head on the smooth underside of the ice.

The potentially most disturbing part of diving under the ice is the probability of an equipment malfunction. The low temperatures cause ice to form in places that can block the normal flow of air. The air expanding from the confines of a SCUBA tank requires heat which it pulls from the surroundings. In the second stage of the SCUBA regulator this can cause water to freeze in the control valve resulting in a "free flow." Other prime candidates are the first stage of the SCUBA regulator and inflator hoses. Depending on the severity of the free flow a tank of air can be emptied in 5 minutes or less and a sticky inflator hose can result in an uncontrolled ascent. Participants need to mentally prepare in advance for these equipment problems. Experience suggests that divers should not breathe from their regulator until underwater. In addition a couple of healthy exhalations through the regulator just prior to submerging might provide a little extra heat. Once underwater a slow breathing rate will help to prevent a free flow.

It is desirable to keep the people and equipment involved in the event as warm and cozy as possible. The colder the surface temperature the greater the physical and mental challenge. All moisture needs to be purged from dive equipment prior to hauling onto the ice or it will freeze solid. Participants must be warmly dressed, wear waterproof boots and be well fueled. The dive site can be very windy. A bright sunny day may call for sunscreen. A hardy



Rick Sperry looks for the warming hut. (photo by Lea Nichols)

breakfast with both carbohydrates and protein will best prepare you for the days activity. If the weather is particularly nasty check with Wayne Russell or Lea Nichols the night before the event. If there is a major snow storm or the air temperature is less than 10 degrees F the event will likely be rescheduled.

Divers must attend an ice diving training session offered by UDNH or a nationally recognized agency. All divers planning to participate must contact Lea Nichols at 487-2726 or Wayne Russell at 669-7124 prior to the event.

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Forward and Address Correction Requested

DIVE LOG

Dive Log is the monthly newsletter of the United Divers of New Hampshire, an organization dedicated to educating divers and expanding the knowledge of diving in the State of New Hampshire and New England.

In This Issue:

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