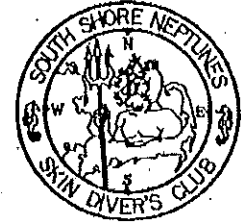

SOUNDINGS

South Shore Neptunes' Newsletter

FEBRUARY, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

EVENTS OF THE PAST MONTH

The year started, as all years do, with the New Year's Day sober up dive at Pleasure Bay, South Boston. The weather was cold and windy, but the sun was shining, 27 divers entered the water, and a number of lobsters were taken. Best of all there was no one there to order that they be put back! After the dive there was a party at Paul Greene's house which was attended by divers and non-divers alike. There was plenty to eat and drink, and everyone had a good time. Many thanks to Paul.

The January point dive was held at Strawberry point, Scituate Glades on January 17. Eight divers entered the water, but not for long. It was cold enough to freeze regulators, and the visibility was only 3 or 4 feet. Oh well, spring will eventually come.

THE BANQUET

The annual Awards Banquet will be held Saturday, January 30, at the Quincy Yacht Club. Cocktails will start at 6:00 PM and dinner will start at 7:00 PM. If you have not yet signed up, it *may* be possible to add one or two people at the last minute. Call Kelly Burke [(617) 472-6949] to find out.

To reach the Quincy Yacht Club take the Furnace Brook Parkway exit from the Southeast Expressway and go East on Furnace Brook Parkway. If you are coming from the North this means going half way around the circle which goes under the Expressway. At the sixth set of traffic lights turn right onto Southern Artery. At the first set of lights turn left onto Sea Street and follow it to the Quincy Yacht Club. There are three ambiguous forks in the road. At 1.2 mi. from the Southern Artery take the left fork, at 1.9 mi. the right fork, and at 2.4 mi. the left fork. At the last there is a church at the fork; leave the church to starboard. The yacht club is 3.1 mi. from the Southern Artery. It is a large red building on the right with a lot of boats in the yard.

FEBRUARY EVENTS

The annual ice dive will be held at Granite Rail Quarry on Sunday, February 14. The event is sponsored jointly by the club and the dive team, and members of all other clubs and dive teams in the area are invited to participate. It will be at the quarry again this year, which means that we shall be able to dive regardless of the condition of the ice. The dive will therefore go on unless the weather is so bad that no one can get to the quarry! The dive will begin at 10:00 AM and continue until everyone who wishes has had a chance to dive. Refreshments (chowder and hot chocolate) will be available for a nominal fee. All those who wish to help cutting the hole and helping the divers get ready will meet for breakfast at Bickford's on Union Street, Braintree (just off Route 3) at 7:00 AM.

To reach Granite rail Quarry take the Furnace Brook Parkway exit from the Southeast Expressway onto Furnace Brook Parkway. If you are coming from the North, this means going half way around the circle which goes under the Expressway. At the first set of traffic lights (0.1 mi.) turn left onto Copeland Street and follow it 0.4 mi. to the end. Turn left and go back under the Expressway. Turn right just beyond "Mr. Tux" (if you came from the North you will have made almost a complete circle) and go through the gate and up the hill. Granite Rail Quarry is on the right in less than 0.5 mi. You cannot see it from the road, but look for parked cars.

The February point dive will be held at Marblehead Light on February 28, 10:00 AM at the dive site. Breakfast will be at the Swiss House on Morrissey Boulevard in Dorchester at 7:30 AM. To reach Marblehead Light from the South go through the Callahan Tunnel and follow Route 1a to Route 129 near the Lynn-Swampscott line. Turn right onto 129 and follow it about four miles through Swampscott and into Marblehead. Route 129 is Eastern Avenue, then Humphrey Street, then Atlantic Avenue. At the end of 129 turn right onto Ocean Avenue and follow

it across the causeway onto Marblehead Neck. Bear left at the end of the causeway and follow Harbor Avenue to the north end of Marblehead Neck.

MARCH EVENTS

The Boston Sea Rovers Clinic will be held on Saturday, March 6. This is always an extremely interesting meeting with both day and evening programs. The club will be having a booth as usual, and help will be needed to set up and man the booth. This will be the first use of the club's new display, so let's make it a really good show! Any one able to help prepare the booth please call Vik Benson.

The March point dive will be held at Pleasure Bay, South Boston, on March 28, 10:00 AM at the dive site. Breakfast will be at the Swiss House on Morrissey Boulevard, Dorchester at 8:00 AM.

The Fourth Tuesday of March, March 23 there will be a used equipment swap (sale) and knife sharpening clinic at the clubhouse at 8:00 PM. This will be a great opportunity to get rid of equipment which you are no longer using or to get some good equipment at a good price. Vik Benson will also give lessons in the best way to sharpen a knife. A sharp knife is an essential piece of safety equipment. A few years ago a diver drowned because his new diving knife was too dull to cut loose an encumbrance which was holding him on the bottom. New diving knives are usually too dull to be of much use, so bring your knew (or old) knife and your old equipment and come to the clubhouse.

LAS VEGAS NIGHT

We shall be having another Las Vegas night on April 3, so keep the date in mind. Please everyone be ready to attend and help. It is a lot of fun, and we need all the help we can get.

DUES AND WAIVERS

Dues are normally due by the second general membership meeting of January. The club rules state: "A fine of \$5.00 for the first month and \$2.00 for each succeeding month up to a total of \$15.00 shall be levied against all members in arrears." We have been lax about this for the past two or three years, so this year the deadline has been extended

to the first meeting of March. After that, however, fines will be levied as provided in the rules, and those in arrears will not receive the April and subsequent Newsletters.

Liability waivers must be completed by all regular and life members each year. *This is a condition of membership.* A waiver form is included in this newsletter, so if you have not yet completed one for 1993, please fill it out and sign it and send (or bring it) in. Remember! *Dues and waivers in the hands of the club treasurer by March 2!* Corresponding members who do not plan to dive with the club need not complete waivers, but if you *do* dive with the club and have not yet completed a waiver, you will be asked to complete one at the time of the dive.

THE POOL

The pool at the Lincoln Hancock School in Quincy is available to the membership each Monday evening at 7:00 PM if school is in session. This means most Mondays, but not legal holidays or school vacations. Every one come to the pool, practice with your mask, fins, and snorkel, and watch the Underwater Rugby players try to kill each other.

THE CLUB BOOTH

We have a new club booth for use at the Boston Searovers Clinic and other shows. It is a very fine booth, but there is still work to be done to prepare material to be displayed in it. Anyone who can help please call Vik Benson at (508) 668-7506.

THE DANGER OF CO2

This month the newsletter includes an article by Dr. Edward Lanphier on the dangers of CO2 buildup. CO2 is more dangerous than most divers realize and probably contributed to one or two diving fatalities this past summer. Please read the article and heed the warning. Next month there will be another article on the same subject, that one by Bret Gilliam.

The Story of CO₂ Build-up

by Dr. Edward Lanphier

"I started out writing a "scientific" sort of thing, but it kept putting me to sleep. So I decided to try taking experiences of my own as a skeleton on which to hang facts, using more colloquial language. I like the result very much better, and I hope that will be acceptable to you."

How did I ever get myself into this? That question crossed my mind; but I knew the answer, and it felt good. "This" was trying to determine oxygen tolerance limits for US Navy oxygen and mixed gas diving. The year was 1953, and I was under pressure equivalent to 50 feet of sea water in the "wet pot" of a research chamber at the old US Navy Experimental Diving Unit (EDU) in Washington, D.C. I was Assistant Medical Officer and Physiologist there. In those days the only assurance the enlisted divers had that an experiment was reasonable was the willingness of officers like me to go through it ourselves, which we always did.

Right then, I was swimming vigorously on the "trapeze swim ergometer" that Engineering Officer Jolly Dwyer and I had dreamed up for just such purposes. I was very glad that I'd spent weeks working out in the pool with my giant duckfeet to get in shape for runs like this. We had to be working hard to make the tests meaningful; exertion was one of the main factors known to make oxygen toxicity come on sooner. My legs were handling the load pretty well, the full-face mask was supplying plenty of pure oxygen, and the 15 minutes of the test must have been nearly over. A week or so before, I'd made the same run, 15 minutes at 50 feet, with no problems, but the work load had been lighter then.

I wasn't expecting any trouble, but very suddenly one of the muscles in my right leg contracted sharply—involuntarily and uncontrollable. It didn't last for long, but it upset my swimming completely. Could this be a warning of an impending oxygen convulsion? It probably was. If so, I was lucky. Some of the subjects, like Dwyer, had gone into grand-Malabar epileptic-type seizures with no warning at all.

I started to get off the "trapeze," and my alert in-water tender grabbed me. Good thing! Now I was having great all-over jerks and spasms and couldn't help myself at all. The tender maneuvered me to a ledge where he could keep my head out of water, and he took off the mask so I could breath chamber air instead of oxygen.

The outside tenders kept us at the 50 foot pressure to make sure they didn't cause gas embolism by

decompressing me with airways in spasm. Gradually, I straightened out. Otherwise, I'd probably have gone on into a full seizure with unconsciousness and board-like rigidity followed by violent thrashing. No wonder scuba divers usually drowned when this happened to them in open water.

Anyhow, I'd been lucky. They told me later that I'd stopped at 14 minutes, 45 seconds, just 15 seconds short of my goal. That was OK. If I'd been the whole 15, we would never have known how close I'd been to real trouble. As it turned out, that was the riskiest dive in the entire series; and we set the final limits well on the safe side of that.

The divers were instructed to quit if they developed any of the recognized warning symptoms like muscular twitching, nausea, dizziness, or abnormalities of vision or hearing. But a symptom like that was often not definite enough to add to the data. Convulsions were the unquestionable thing, and they were bound to happen occasionally. Neither brain waves nor anything of that sort would provide adequate end points.

We knew from earlier studies, especially those conducted by the Royal Navy, that developing reasonable O₂ limits wasn't going to be easy. For reasons largely unknown, oxygen tolerance varies greatly between individuals and even in the same person from one time to the next. The best we could do was to draw a line at times that missed, by a reasonable margin, the instances of apparent toxicity of different depths.

For simplicity, we'd started out with pure oxygen; and most people thought we could just translate the limits to mixed gas on the basis of inspired oxygen partial pressure (PO₂), much as the nitrogen pressure was used to figure mixed gas decompression according to the "equivalent air depth" principle. Fortunately, we decided to test the tentative PO₂ limits with dives on mixed gas at greater depths. What happened then gave us a real shock. Convulsions occurred with nitrogen-oxygen mixtures at pressures and times that should have been safe. The results were quite different from those with 100% O₂, and at first there was no obvious reason.

Diving medical people had known for some time that when carbon dioxide accompanied inhaled oxygen, the onset of toxicity was speeded up. A few years before our study, Dr. C.J. Lambertsen and his research team at the University of Pennsylvania showed why. CO₂ not only derails a mechanism that normally helps protect the brain from high PO₂ but actually increases brain blood flow and the "dose" of oxygen reaching brain tissue. CO₂ buildup was a frequent problem in closed circuit scuba, where failure of the CO₂ absorption system could easily occur. Excessive dead space in the breathing

circuit is another cause. We could find nothing about our setup that would have added CO₂; but at about this time, studies elsewhere suggested that some divers held onto excessive amounts of CO₂ produced in their own bodies. Wouldn't "retained" CO₂ have the same effect in the brain as CO₂ that is inhaled?

Body metabolism involves consumption of oxygen and production of CO₂. Muscular effort greatly increases both processes. Oxygen is supplied and CO₂ is removed by diffusion between blood and gas in the lungs. Normally, ventilation of the lungs and lung blood flow increase along the CO₂ production in such close proportion that the partial pressure of CO₂ (PCO₂) in arterial blood leaving the lungs is almost steady over a wide range of exertion.

We had to go through a major research effort to be sure of what was going on, but it became clear that some of our divers did not increase their breathing sufficiently when they worked, developing a high PCO₂ as a result. This tendency was aggravated, apparently by higher gas density and increased work of breathing, when mixtures were tested at greater depths. It's been suggested that O₂ toxicity may increase during exertion only if body PCO₂ levels increase; but this idea has never been tested.

The divers who didn't breathe enough came to be called CO₂ retainers. We were never sure how they got that way, nor were we able to find a sure-fire way of identifying them in advance. Most of our retainers were hardhat divers, and being exposed to high CO₂ levels in the helmet may have blunted their breathing response to CO₂. But our champion retainer hadn't done much actual diving.

Submarine escape training tank instructors at New London did a lot of deep breath-holding diving, and low response to CO₂ wasn't surprising in them. In frogmen, retaining CO₂ appeared related to years of habitual "skip-breathing" attempting to save air during SCUBA dives.

Most retainers showed unusually small increases in breathing when they inhaled various percentages of CO₂, but this characteristic wasn't dependable enough for a good test. The retainers didn't form a distinct and easily identifiable group; they covered the range from "almost-normal" to "far-out." In more recent years, we tried to study CO₂ retention at the University of Wisconsin. We focused on scuba divers who claimed to use less air than anybody, or who had CO₂ type headaches during or after dives. We found that the only conclusive test was measurement of the PCO₂ in blood or expired gas during exertion in water. We found only one young man who had responses entirely like those of our retainers at EDU; and in him, there was no obvious cause.

Actually, we didn't find Sam. He found us. He was an avid scuba diver, but he'd had some very

scary experiences at depth, enough so that he was willing to consult my laboratory and be studied. He'd nearly passed out at depth on several occasions and once had a massive headache with nausea and vomiting for hours after aborting such a dive.

CO₂ Retention and "Narcosis"

Sam's case reminded us that speeding the onset of oxygen poisoning isn't the only serious consequence of CO₂ retention. One of our EDU retainers had passed out during a simple air dive to 150 feet in the wet pot. A student at a Navy diving school had been sent to us for study when he lost consciousness on a shallow open-water training dive, and we found that he retained CO₂ to a marked degree. Almost all authorities assumed that CO₂ excess would be signaled by increases in breathing that couldn't be missed, but we had learned that this isn't always true.

I'm the exact opposite of a CO₂ retainer; but I discovered that I wasn't immune to serious CO₂ effects. A student and I were testing a new bicycle ergometer at 7.8 atm (224 ft.) in the dry chamber in my lab in Buffalo. Nitrogen narcosis is very evident on air at that pressure, but we were doing ok until we started breathing on the measuring circuit. That, it turned out, gave us only about half the air we needed at the work rate set on the bike. Herb tried the bike first. He stopped pedaling after about three minutes, out cold with his eyes rolled back.

As soon as I could get Herb out of the way, I took the bike. I knew I wasn't getting nearly enough air, but I was too narc'd to think straight and was determined to finish the 5-minute test no matter what. I pedaled myself right into oblivion, and coming around slowly afterwards with a horrible feeling of suffocation was the worst experience of my entire life. Both of us surely would have drowned if such a thing had happened when we were alone underwater.

CO₂ can knock you out all by itself, but the combination with nitrogen narcosis is especially potent. It turned out that we weren't the first to discover that, and others since have described similar effects. On the day we started studies on Sam, the latest issue of *Undersea Biomedical Research* arrived. It carried a fine description of studies on two British Divers who had passed out at depth, apparently because of CO₂ retention.

In 1980, we invited world authorities on CO₂ and related matters to Madison for a conference on loss of consciousness in divers. There was no question that CO₂ could sometimes be a major problem, but not much new information surfaced. Since then, there have been scattered reports of fatalities or near-misses that sound like CO₂ narcosis with or without nitrogen effects. Very recently, reports

from the US Navy and from Dr. Lundgren's laboratory in Buffalo have stressed the precarious mental condition that can develop in hard-working dives with CO2 buildup.

Conclusions.

It is hard to say whether excess CO2 is more hazardous with high PO2 or in situations involving narcosis. Under sufficiently stressful diving conditions, such as very heavy exertion, unusual work of breathing, or failure of CO2 absorption, CO2 buildup can threaten any diver. CO2 retainers who do not realize that they have this problem are certainly at the greatest risk of all, and we know no easy means of identifying them. My own opinion is that any diver who habitually uses less air than otherwise comparable divers, or who often has headaches associated with diving, or who has experienced unusually severe narcosis should dive with particular caution. A CO2 response test in a pulmonary function laboratory, and an exercise stress test with measurement of expired volume and alveolar or blood CO2, may be indicative especially if the results are abnormal. Normal findings do not necessarily rule out the retention tendency.

Good advice for all divers is to not "push the limits," particularly those who may be CO2 retentive. The general "rules" for oxygen or mixed gas

safety may be just fine for almost everybody else. Likewise, "safe" depth limits, "moderate" levels of exertion, and unusual warnings of O2 toxicity of CO2 poisoning definitely do not apply to everybody equally, individual susceptibility is always a major factor. Though the US Navy has liberalized the oxygen limits that we worked out in the 1950's; the 1987 Diving Manual, Volume 2, contains this inconspicuous but important proviso on page 16-4:

"Although the limits described in this section have been thoroughly tested and are safe for the vast majority of individuals, occasional episodes of central nervous system oxygen toxicity may occur. This is the basis for the practice of requiring buddy lines on closed-circuit oxygen diving operations."



Dr. Lanphier has been involved in diving research since 1951. He is now a Senior Scientist in Preventative Medicine at the University of Wisconsin, Madison, and Assistant Director for Biomedical Research at U.W. Biotron. His current research concerns decompression and is supported by the University of Wisconsin Sea Grant Institute. Dr. Lanphier can be contacted at U.W. Biotron, 2115 Observatory Dr., Madison, Wisconsin 53706.

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THE ICE DIVE

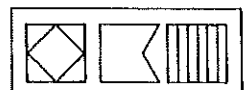
This year, as usual, we are inviting members of other clubs and dive teams in the area to join us for the annual ice dive. The dive will be held at Granite Rail Quarry in Quincy on February 14 starting at 10:00 AM and continuing until all who wish to do so have gone under the ice. Bring the same equipment you would use to dive in the ocean at this time of year. If you dive in the ocean in a wetsuit, it will be fine for going under the ice. We will supply all the necessary safety lines and harnesses. Directions to Granite Rail Quarry are given earlier in this newsletter. Because the dive is in a quarry, we shall be able to dive regardless of the ice conditions. The dive will be cancelled only if the weather is so bad that no one can get to the quarry.

February, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Pool: 7:00 PM	2 Regular Meeting 8:00 PM	3 HTB 7:31	4	5	6 HTB 10:13 Full Moon
7	8 Pool: 7:00 PM	9 Board Meeting 8:00 PM	10 HTB 1:15	11	12 Lincoln's Birthday	13 HTB 3:54 Last Quarter
14 Ice Dive  10 AM Granite Rail Quarry Valentine's Day	15 Presidents Day Pool Closed	16 Regular Meeting 8:00 PM	17 HTB 8:05	18	19	20 HTB 10:31
21 New Moon	22 Pool: 7:00 PM Washington's Birthday (not a holiday)	23	24 HTB 0:42 Ash Wednesday	25	26	27 HTB 2:34
28 Point Dive  Marblehead Light 10 AM	HTB is the morning high tide at Boston. Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.					

March, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Pool: 7:00 PM First Quarter Orthodox Lent	2 Regular Meeting 8:00 PM	3 HTB 6:01	4	5	6 HTB 8:58  Boston Sea Rovers' Clinic
7	8 Pool: 7:00 PM Full Moon	9 Board Meeting 8:00 PM	10 HTB 0:02	11	12	13 HTB 2:33
14 Last Quarter	15 Pool: 7:00 PM	16 Regular Meeting 8:00 PM	17 HTB 6:38 St. Patrick's Day	18	19	20 HTB 9:25 Vernal Equinox 9:41 AM EST
21	22 Pool: 7:00 PM	23  Equipment Swap & Knife Sharpening New Moon	24 HTB 11:57	25	26	27 HTB 1:22
28 Point Dive  Pleasure Bay 10 AM	29 Pool: 7:00 PM	30 First Quarter	31 HTB 4:32			



**SOUTH SHORE NEPTUNES, INC.
DIVER INFORMATION AND ASSUMPTION OF RISK,
RELEASE AND HOLD HARMLESS AGREEMENT**

Name: _____ Date of Birth: _____

Address: _____

Phone: (Day) _____ (Evening) _____

Membership date: _____

Certifying agency: _____ Cert. #: _____ Date: _____

Certification level: _____ Years Diving: _____

Approximate number of dives: _____

**Please enclose a photocopy of both sides of your "C" card.*

IN CONSIDERATION OF being permitted to engage in any one or all of the following activities with the South Shore Neptunes, Inc., including, but not limited to: scuba diving, skin diving, swimming, fishing, specimen collecting, competition dives, outings, meetings, functions, and transportation:

(i) I hereby assume the risk of injury, death, or damage to property which I may suffer in the course of engaging in any such activities.

(ii) I hereby release the South Shore Neptunes, Inc., its officers, directors, employees, or members from any liability for injury, death, or damage to property which I may suffer in the course of engaging in such activities, resulting from any cause whatsoever, including the negligence of the South Shore Neptunes, Inc., its officers, directors, employees, or members.

(iii) I hereby agree to indemnify, defend, and hold harmless the South Shore Neptunes, Inc., its officers, directors, employees, and members for and against any claims made against them or any of them by any third party for personal injury, death, of property damage arising in any way out of my engaging in such activities.

(iv) I have read and understood, and hereby agree to abide by, the diving rules of the South Shore Neptunes, Inc..

Name: (Print) _____

(Signature) _____

Witness: _____ Date: _____

**SOUTH SHORE
NEPTUNES, Inc.**
55 Sea Street
Quincy, MA 02169

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Theodore Hotz
221 Vernon Street
Norwood, MA 02062
(617) 769-9043

VICE PRESIDENT

Viktor Benson
498 Elm Road
Walpole, MA 02081
(508) 668-7506

SECRETARY

F. Bruce Gerhard, Jr.
38 Spring Lane
Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:

Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership (to receive mailings only)	\$10.00 per year

DIVER'S HOT LINE

Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

To learn more about the club's activities and membership please feel free to call one of the club's officers, or call John Blackadar at (617) 826-4696.

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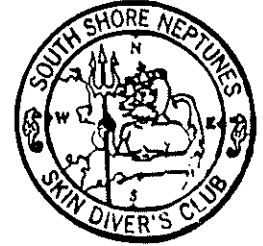


David Clancy
1466 Southwest 18th Terrace
Fort Lauderdale, FL 33312



Soundings

South Shore Neptunes' Newsletter
January 1993



PAST EVENTS:

December 13th, Point Dive on Cape Ann, 10am. Because of the storm of 92 this dive was called off. However, there were plenty of lobsters to catch crawling on Nantasket boulevard.

December 15th Annual Elections and Pizza Party. The results are in, congratulations to the new club officers;
President - Ted Hotz
Vice President - Vik Benson
Treasurer - Kelly Burke
Secretary - Bruce Gerhard

The board of directors are;

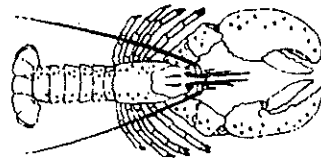
Angelo Correnti	Ed Bates
Paul Greene	John Blackadar
Tom Lo	Jay Therault
Beth Hayes	Tom Guild
Dan Cloutier	

After the elections everyone enjoyed more than their share of pizza. Thanks to Joe McAndrew for fulfilling his annual duties and getting the pizza.

Angelo would like to thank all who helped him over the past year and wishes the new officers best of luck in 1993.

COMING EVENTS:

January 1st Annual Sober-Up Dive at Pleasure Bay, South Boston, 10am. To get to Pleasure Bay, exit the Southeast Expressway at Columbia Rd. Head East, go halfway around the rotary, then go past the MDC police station to Day Blvd. Follow Day Blvd.



along the water till you reach the parking lot on the right at the beginning of the causeway. If you plan on lobstering, be sure to have your numbers on your flag, and your license handy. There are rumors that because license applications were mailed in December there will be no grace period - **you must have a 93 license to take lobsters.**

There will be a party after at Paul Greene's. To get to Paul's from Quincy, follow Rt. 3A South to North Weymouth. Take a left onto Neck Street (at Mister Donut). Follow past the beach and take your 4th left onto Prospect Hill Drive. Make your first right, then take your first left. This will be Hill Top Road. Paul's house is number 18. BYOB and contact Paul if you'd like to bring some food (337-5304).

January 17th point dive, Scituate Glades, 10am. Breakfast at 8:00 am at the Gannet Grill, Gannet St. Scituate. Directions: from Quincy; Route 3A South, left onto H.T. Bailey Road (Golden Rooster sign). This will turn into Gannet St. Follow Gannet St. to the end. Turn left onto Glades Rd. Follow Glades Rd. to the end, Strawberry Point is through the gate. From the south; Rt 3A North, turn right on Booth Hill Road, this will turn into Gannet St. and follow as above.

January 30th Annual Banquet. This year's banquet will be held at the Quincy Yacht Club. Cocktails are from 6 to 7 pm. The dinner is roast beef and turkey served family style. There will be a DJ and dancing. The cost is \$20 per person. Contact Kelly Burke as soon as possible if you plan on attending.

February 14th Annual Ice Dive, Granite Rail Quarry, Quincy. Breakfast at 7:00am at Howard Johnson's at the South Shore Plaza, Braintree. The dive will be at 10:00am. Granite Rail Quarry is located off the old dump road adjacent Mister Tux on the Furnace Brook rotary at the Southeast Expressway. Plan on arriving early to help with set-up. Remember, this is a fresh water dive so lighten your weight belts by at least 5 lbs.

February 28th Point Dive at Marblehead Light, 10 am. Breakfast at the Suisse House, Morrissey BLVD. 8:00 am.

ANNOUNCEMENTS:

Congratulations to Mike Galasso and his bride to be Lisa on their recent engagement.

Orders for **club T-shirts, hats and jackets** are being taken by Ed Bates at every meeting. Ed needs a minimum to make an order.

A reminder that the **club camera** is for rent, \$5 per week. See Ed Bates if you are interested.

Air cards donated to the club by **South Shore Skindivers and Pro-Divers** are available at the clubhouse for \$20. Half of the proceeds go to the club and half go to the Seamark charity for the Cotting School.

It's that time of year - **DUES ARE DUE NOW!!** See Kelly

FOR SALE:

Dacor Turboflex fins, size medium, \$25. Sherwood regulator with gages and octopus, \$250. Joe Gomes, 508-697-6829.

Viking Dry Suit, size 02. With ankle weights and XLG Scubapro fins. Peter Barry, 508-224-3981.

ANCHOR LINE:

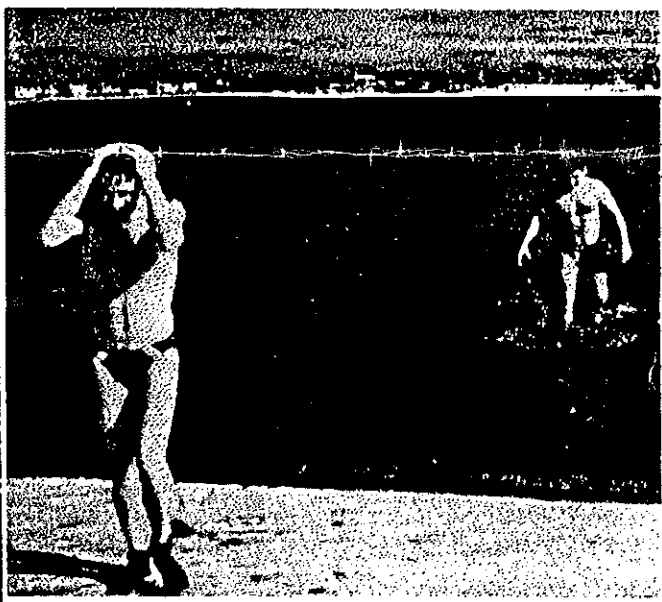
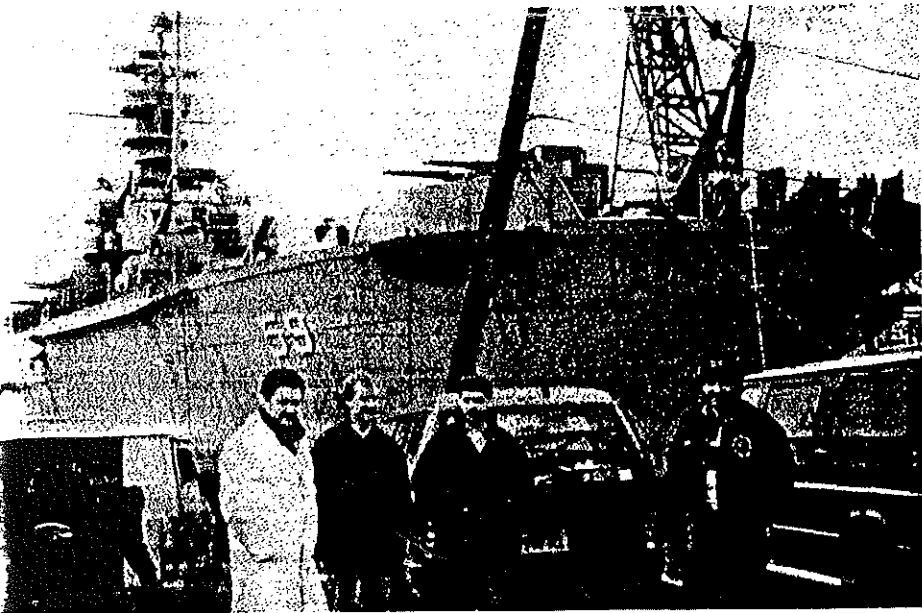
We need slides of this year's events for our banquet and display booth slide shows. If you have photographs you think should be included, Art Davies can make a slide from them. Write your name on the back of the photo and give it to Art at any meeting and the photo will be returned to you the following meeting.

Neptunes helping Neptunes... The Grinch stole Bill Schwabe's car on Christmas Eve. Bill is up from Martha's Vineyard for the holidays. Bill's car was found inhabited in Boston. Bill thanks Marty Blake and Charlie Matthews for their help looking for and towing his car back to Quincy.

Photos from 92



WATERFRONT DIVING CENTER



January 1993

Neptune Events

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

					1 10:00am Sober up Dive, Pleasure Bay - Paul Greene's	** 2
3	4	5 8:00pm Regular Membership Meeting	6	7	8	9
10	11	12 8:00pm Board Meeting	13	14	15	16
17 10:00am Point Dive Scituate Glades	18 Martin Luther King, Jr.	19 8:00pm Regular Membership Meeting	20	21	22	23
24	25	26	27	28	29	30 Banquet, Quincy Yacht Club
31						

February 1993

Neptune Events

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

	1 7:00pm Lincoln Hancock Pool	2 8:00pm Regular Membership Meeting	3	4	5	6
7	8 7:00pm Lincoln Hancock Pool	9 8:00pm Board Meeting	10	11	12 Lincoln's Birthday	13
14 10:00am Ice Dive, Granite Rail Quarry Valentine's Day	15 President's Day	16 8:00pm Regular Membership Meeting	17	18	19	20
21	22 7:00pm Lincoln Hancock Pool Washington's Birthday	23	24	25	26	27
28 10:00am Point Dive, Marblehead Light						

**SOUTH SHORE
NEPTUNES, Inc.**
55 Sea Street
Quincy, MA 02169

PRESIDENT

Theodore Hotz
221 Vernon Street
Norwood, MA 02062
(617) 769-9043

VICE PRESIDENT

Viktor Benson
498 Elm Road
Walpole, MA 02081
(508) 668-7506

SECRETARY

F. Bruce Gerhard, Jr.
38 Spring Lane
Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:

Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership (to receive mailings only)	\$10.00 per year

DIVER'S HOT LINE

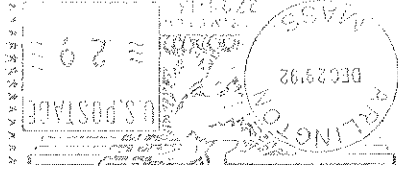
Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

To learn more about the club's activities and membership please feel free to call one of the club's officers, or call John Blackadar at (617) 826-4696.



David Clancy
1466 Southwest 18th Terrace
Fort Lauderdale, FL 33312



55 Sea Street
Quincy, Massachusetts 02169

South Shore Neptunes

Booster Listings - \$25 Per Calendar Year

<p>UNITED DIVERS JIM ESTABROOK SCUBA & SALES RENTALS - REPAIRS UNDERWATER VIDEO SPECIALISTS SCUBAPRO VIKING BODY GLOVE ACTION PLUS PARKWAYS MAYES SEA GUEST SHERWOOD DUI TUSA</p> <p>623-DIVE (623-3483) 666-0410 FAX (617) 776-7986 69 WASHINGTON STREET SOMERVILLE, MA 02143</p>	<p>PRO • DIVERS ***** U.S.A. ***** Group Dive Travel All Major Brands Rentals Service-In-House Financing Available STORE OWNED DIVE CHARTER BOAT CAPT RICH FRALTO OWNER/OPERATOR OPEN 7 DAYS CONVENIENT LOCATION - EXIT 68 FROM RT. 128 236 WOOD ROAD BRAintree, MA 02184 848-4990</p>	<p>WE TEACH SCUBA SSI INSTRUCTOR TRAINING FACILITY NAVI PRO FACILITY PADI - YMCA TAUGHT YEAR ROUND</p>
<p>DIVER'S MARKET SCUBA CENTER Wayne Corner 305 Court Street (Route 3a) Plymouth, MA 02360 AIR STATION SALES RENTALS CHARTERS HYDRO</p> <p>Just off Route 3 South at Exit 7 (508) 746-DIVE (508) 746-3483</p>	<p>Waterworks Underwater Instruction Private Scuba Instruction Underwater Photography Search & Recovery Bill VanderClock PO Box 1062 Waltham, MA 02254 (509) 657-6431</p> <p>Ultramarine Divers 101 Commonwealth Ave. Concord, MA 01742 Tel: (609) 369-1164 Fax: (609) 696-7282 CHRIS MICHEL President P. A. D. I. Course Director</p>	<p>AQUA LUNG CENTER Don Scallin SALES DIVING CLASSES REPAIRS TRAVEL AIR FILLS \$2.00</p> <p>SOUTH SHORE SKINDIVERS 147 Bridge St. (Rt. 3A) - N. Weymouth Drift Way - Scituate N. Weymouth - (617) 331-1144 Scituate - (617) 545-6767</p>

SOUNDINGS

South Shore Neptunes' Newsletter

MARCH, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

EVENTS OF THE PAST MONTH

The Annual Ice Dive was held at Granite Rail Quarry on February 14. The weather was ideal, sun and the temperature just about freezing. Thirteen teams of two divers each went under the ice. One or two divers made a second dive, so there were about 24 divers. The dive truck was at the edge of the quarry to provide a warm place to change, and there were refreshments: chowder, hot dogs, and hot drinks. The ice (in the beginning) was about six inches thick, but as the day wore on it got much thinner. Toward the end the tenders were wondering if they should be wearing dry suits. Both the North Shore Frogmen and Metro West were represented, but we were hoping for more members of other clubs and teams. Thanks to Marty Blake and Angelo Correnti for presiding over the refreshments, to Ted Hotz for acting as safety diver for a very extended period of time, and to all those who acted as tenders, prepared the hole, and prepared the divers. All in all it was a great day.

MARCH EVENTS

The Boston Sea Rovers Annual Underwater Clinic will be held on March 6 & 7. It will be a two day event this year. The Saturday day session begins at 9:30 AM and the evening program at 8:00 PM. There will also be a Sunday day session beginning at 10:00 AM, new this year. The day sessions will be at the Copley Plaza Hotel and the evening session at John Hancock Hall. It promises to be the usual excellent show, so everyone should make every effort to attend. We have had somewhat of a problem getting a booth for the club, but as this newsletter goes to press we are almost certain of having *some* kind of a booth. We shall need a lot of help preparing the exhibits, moving them to the Copley Plaza, setting up the booth, and finally manning it. Anyone who can help with any of these jobs please call the president (617) 769-9043.

There will be a Used Equipment Swap (Sale) on the fourth Tuesday, March 23, at the Clubhouse at 8:00 PM. This will be combined with a knife sharpening clinic. This will be a great opportunity to get rid

of equipment which you are no longer using or to get some good equipment at a good price. Vik Benson will also give lessons in the best way to sharpen a knife. A sharp knife is an essential piece of safety equipment. A few years ago a diver drowned because his new diving knife was too dull to cut loose an encumbrance which was holding him on the bottom. New diving knives are usually too dull to be of much use, so bring your new (or old) knife and your old equipment and come to the clubhouse.

The March Point Dive will be held at Pleasure Bay, South Boston, at 10:00 AM on March 28. Breakfast will be at 8:00 AM at the Swiss House on Morrissey Boulevard in Dorchester. To reach Pleasure Bay take Exit 17 from the Southeast Expressway (Columbus Circle, Columbia Point) to William Day Boulevard or follow Morrissey Boulevard north to Columbus Circle. Follow Day Boulevard north until it meets Columbia Road and then Columbia Road east for a little more than a mile, passing the L Street Bathhouse, to Pleasure Bay. Pleasure Bay can be recognized by the parking area on the right side of Columbia Road.

There will be a Dive Team Meeting on March 30 at 8:00 PM at the Emergency Management Headquarters, 55 Sea Street, Quincy. See the box for details.

APRIL EVENTS

We shall be holding another Las Vegas Night on Saturday evening, April 3. This time it will be held at Florian Hall on Hallet Street in Dorchester. We shall again need all the help we can get, so please everyone keep this night available. Anyone who is able to distribute fliers the week before please call Marty Blake (617) 335-1934.

The first Competition Dive of the season will be held at Lake Massapoag, Sharon on April 18. The snorkel event will begin at 10:00 AM with all divers suited up and at the water's edge. The SCUBA event will begin shortly after the completion of the snorkel event. All members, especially new members, are

DIVE TEAM MEETING

There will be a meeting of the Quincy Underwater Recovery Unit on Tuesday, March 30 at 8:00 PM in the Quincy Emergency Management Headquarters building, 55 Sea Street, Quincy. This is an important meeting and the attendance of all team members will be appreciated. Any members who have questions about insurance or wish to update their ID. cards please arrive at 7:00 PM. ID. photographs will be taken from 7:00 to 7:30 PM., and the main meeting will begin promptly at 8:00 PM.

A few weeks after the meeting there will be a talk on the new NITROX SYSTEM. Space for this talk is limited, and the sign up sheet will be available at the March 30 meeting. This will be an informative talk and all members should attend. Sign up early!

urged to participate. Come and find out what the competition directors have dreamed up now! To reach Lake Massapoag take Route 195 south to Exit 27 (Cony Street) follow Cony Street southeast toward Sharon. When Cony Streets meets Route 27 continue straight onto Route 27 and follow 27 into the center of Sharon. Go straight at the traffic light where 27 turns left, and you will be on Billings Street. Then after a very short block turn right onto Pond Street. Follow Pond Street for about a mile and turn right just before you get to the lake. Then turn left through the second gate and drive down to the left (east) end of the beach.

The April Point Dive will be held at Back Beach, Rockport at 8:00 AM on April 25. Note the early hour! It is necessary to be sure of getting a parking place. Everyone will go out to eat *after* the dive.

The Fourth Tuesday of April, April 27 will be a film/video night at 8:00 PM at the Clubhouse. We have tapes of several good diving shows, and we shall probably order pizza.

ADDITIONAL PLANS

The May Point Dive will be held May 2 at Bluefish Cove, Marshfield.

The June Point Dive will be held June 6 in Provincetown Harbor.

The "beginning of the summer" party at George's Island will be held June 13.

The remaining two Competition Dives will be held June 27 and September 19, locations to be announced.

PRESIDENTIAL APPOINTMENTS

The Presidential Appointments for 1993 are as follows:

Competition Director	Marty Blake
Sergeant-at-arms	Jay Therault
Fund Raising Committee	Marty Blake & John Blackadar
Storekeeper & Camera Librarian	Ed Bates
Parliamentarian	Tom Guild
Night Dive Director	Bruce Gerhard
Club Booth Committee	Dan Cloutier
Audit Committee	Vik Benson
Cleanup Committee	Mike Galasso
	Joe Shea

TWO NEW MEMBERS AND ONE OLD

At The February 16 Meeting Sheila DeCoste and Louis A. Battista were voted regular members of the club. Welcome! We also have to thank Louis for plowing out the parking lot for us that same night.

One old member, Bill Schwabe, who has been a corresponding member for several years, is now a regular member again.

THIRTY-FIFTH ANNIVERSARY

1993 is the thirty-fifth anniversary of the Club's incorporation. We are planning a number of events to celebrate the anniversary. At the January 19 meeting the club voted that Regular and Life Members (but not spouses, etc.) will be admitted to the Outing free of charge. There are also plans to have anniversary "T" shirts. Designs are being solicited from the membership, so anyone who feels artistic please submit a design. The deadline for designs is the first meeting of April.

OTHER NEWS

The Maritime Museum at Bath, Maine has an exhibit of nautical artifacts. The president has suggested a trip to the Museum sometime before the

beginning of the summer. Anyone interested please let the president know, and if there is sufficient interest, the trip will be planned.

Mail sent to the Club has, of late, sometimes gotten lost. To correct this problem we are requesting that *all* mail to the Club be sent *only* to the 55 Sea Street address. In addition, John Blackadar will be the *only* person authorized to pick up the mail. Sometimes other people have picked up the mail, and although we are sure they were trying to be helpful, we are asking them please *not* to do it any more.

Thanks to Rich Fratto and Pro Divers for the gift of a large number of copies of *Sub Aqua Journal*.

CO2 Risk Management Summary

by Bert Gilliam

Carbon dioxide (CO₂) makes up approximately 0.03% of the atmosphere, for a partial pressure at sea level of about 0.0003 atm or .03 kPA. At low concentrations, it is colorless, odorless, tasteless, and nontoxic, but in greater percentages or at high elevated partial pressures, it has an acid taste and can be toxic to humans.

Carbon dioxide is a waste product of the body's metabolic energy production process and is eliminated during the exhalation phase of respiration. Almost a liter of carbon dioxide (CO₂) is produced for every liter of oxygen consumed by the human body. The exact amount depends on the individual and varies according to diet, and can change dramatically when a diver is subjected to increased workloads and exercise. CO₂ also serves as the primary stimulus to breathing. That's why excessive hyperventilation prior to extended or deep breathhold diving is dangerous and insidious.

Hyperventilation reduces normal levels of CO₂ and thus lowers the *urge to breathe* enabling the breathhold diver to momentarily extend his or her bottom time. If the oxygen partial pressure is reduced too far the result can be hypoxia, or "shallow water blackout". Essentially, the body's normal warning system is temporarily disabled and is slow in alerting the diver to his or her hypoxia crisis. Several champion free divers have fallen victim to this phenomenon and it is strongly advised that breathhold divers refrain from excessive hyperventilation techniques.

Another problem for scuba divers is CO₂ retention. This can arise from poorly performing equipment and inadequate ventilation of the lungs for example, as a result of "skip breathing." Symptoms of carbon dioxide build up include headache, weakness, labored breathing, a feeling of air hunger,

OBITUARY

It Is With Great Sadness that we announce that Bob Yuscus died of cancer on February 13. Bob worked for South Shore Skindivers and managed their Scituate store. Bob was always helpful, friendly, and knowledgeable, and those of us who patronized the store found that it was always a pleasure to do business with him. We shall all miss him very much. Bob left a wife and two children, and we extend our profoundest sympathies to them.

THE DANGER OF CO2

This month the newsletter includes the second of two articles on the effects and dangers of CO₂ buildup. This month's article is by Bert Gilliam.

nausea, dizziness and confusion and eventually loss of consciousness at very high levels. Observable signs are typified by rapid breathing, clumsiness of foolish, incoherent actions and the slowing of response.

Some individuals are more sensitive to CO₂ build up than others, and are often categorized as "CO₂ retainers." Many diving physicians are sufficiently concerned about this abnormality in divers that they will recommend exclusion if a predisposition to CO₂ retention is detected.




It is extremely important for divers to consider the effects of CO₂ in planning their diving activities. Aside from the potential problem of CO₂ toxicity itself, *elevated partial pressures of CO₂ contribute to the onset and severity of both nitrogen narcosis and CNS oxygen toxicity.*

There are several ways in which divers can manage these risks. First, matching the performance of a regulator to the diver's operational needs is vital. Breathing resistance and exhalation should both be considered. Note that increased gas density with depth can potentially overload a regulator. Make sure your regulator is capable of delivering the performance required. Ask for the test results. Proper breathing techniques are also essential. Never "skip breathe." If you are worried about conserving gas you should probably be carrying more. Slow deep ventilation cycles are recommended. And remember not to get out of breath. Finally when utilizing closed environments such as a decompression station make sure venting is adequate.








Bert Gilliam is a diving consultant, instructor, and recompression chamber supervisor with over 12,000 dives. He is also the lead author of a new book titled, "Deep Diving, An Advanced Guide To Physiology, Procedures and Systems." He can be contacted at: Ocean Tech, 3098 Mere Point Rd., Brunswick, ME 04011 Fax: 207-442-9042.

[This paper may be protected by copyright.]

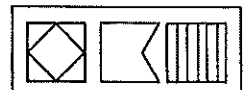
March, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Pool: 7:00 PM First Quarter Orthodox Lent	2 Regular Meeting 8:00 PM Dues Deadline	3 HTB 6:01	4	5	6 HTB 8:58 Boston Sea Rovers' Clinic 
7 Boston Sea Rovers' Clinic (Second Day)	8 Pool: 7:00 PM Full Moon	9 Board Meeting 8:00 PM	10 HTB 0:02	11	12	13 HTB 2:33
14 Last Quarter	15 Pool: 7:00 PM	16 Regular Meeting 8:00 PM	17 HTB 6:38  St. Patrick's Day	18	19	20 HTB 9:25 Vernal Equinox 9:41 AM EST
21	22 Pool: 7:00 PM	23 Equipment Swap & Knife Sharpening New Moon	24 HTB 11:57	25	26	27 HTB 1:22
28 Point Dive  Pleasure Bay 10 AM	29 Pool: 7:00 PM	30 Dive Team Meeting 8:00 PM First Quarter	31 HTB 4:32	IMPORTANT! March 2 is the final deadline for paying 1993 dues. Any members who have not paid by that time will not receive any more newsletters.		

April, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3 HTB 7:36 Las Vegas Night 
4 Daylight Saving Time Begins Palm Sunday 	5 Pool: 7:00 PM First Seder 	6 Regular Meeting 8:00 PM Full Moon First Day of Passover	7	8 HTB 00:37	9 Good Friday	10 HTB 2:17
11 Easter Sunday 	12 Pool: 7:00 PM	13 Board Meeting 8:00 PM Last Quarter	14 HTB 5:59	15	16	17 HTB 9:00
18 Competition Dive Lake Massapoag 10:00 AM 	19 Patriot's Day Pool Closed 	20 Regular Meeting 8:00 PM	21 HTB 11:55 New Moon	22	23	24 HTB 1:16
25 Point Dive  Back Beach 8:00 AM Orthodox Easter	26 Pool: 7:00 PM	27 Film/Video Night	28 HTB 4:13	29	30 First Quarter	

HTB is the morning high tide at Boston. (Daylight Saving Time after April 4.)
Add (on the average) 35 minutes for the afternoon high,
53 minutes for the next day's high.



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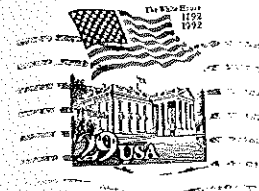
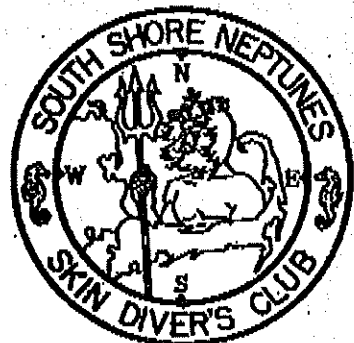
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<p>AQUA LUNG CENTER  SALES DIVING CLASSES REPAIRS TRAVEL (617) 322-6291 (617) 321-8830 38 Lebanon Street, Malden, MA. 02148</p> <p style="text-align: right;"><i>Don Scall</i> Air Fills \$2.00</p>	<p>Ultramarine Divers  101 Commonwealth Ave. Concord, MA 01742 Tel. (508) 369-1154 Toll Free (800) 696-7282 Fax (508) 371-0016 CHRIS MICHEL President P. A. D. I. Course Director</p>	<p>DIVER'S MARKET SCUBA CENTER 305 Court Street (Route 3a) Plymouth, MA 02360 Wayne Gomez AIR STATION SALES RENTALS CHARTERS HYDRO Just off Route 3 South at Exit 7 (508) 746-DIVE (508) 746-3483</p>
<p>SOUTH SHORE SKINDIVERS 147 Bridge St. (Rt. 3A) No. Weymouth, MA 02191 (617) 331-1144 788 Washington St. (Rt.53) Hanover, MA 02339 (617) 829-0050</p>	<p>waterworks Underwater Instruction Private Scuba Instruction Underwater Photography Search & Recovery Bill VanderCreek PO Box 1062 Waltham, MA 02254 (508) 857-6431</p>	<p>UNITED DIVERS JIM ESTABROOK SNORKELING & SCUBA DIVING CLASSES ALL YEAR ROUND LEARN ON A WEEKEND AIR * SALES RENTALS * REPAIRS UNDERWATER VIDEO SPECIALISTS 623-DIVE (623-3483) 666-0410 FAX (617) 776-7906 59 WASHINGTON STREET SOMERVILLE, MA 02143 SCUBAPRO VIKING BODY GLOVE ACTION PLUS PARKWAYS MAYES SEA QUEST SHERWOOD DUI TUSA</p>
<p>WE TEACH SCUBA SSI INSTRUCTOR TRAINING FACILITY NAUI PRO FACILITY PADI - YMCA TAUGHT YEAR ROUND</p>	<p>PRO • DIVERS ★★★★★ U.S.A. ★★★★★ • Group Dive Travel • All Major Brands • Rentals • Service-In-House • Financing Available STORE OWNED DIVE CHARTER BOAT CAPT RICH FRATTO OWNER/OPERATOR OPEN 7 DAYS CONVENIENT LOCATION - EXIT 68 FROM RT 128 236 WOOD ROAD BRAINTREE, MA 02184 848-4990</p>	<p>Booster Listings - \$25 Per Calendar Year</p>

South Shore Neptunes

55 Sea Street
 Quincy, Massachusetts 02169



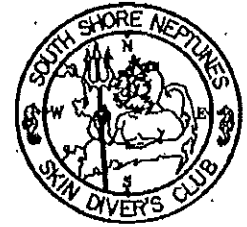
David Clancy
 1466 Southwest 18th Terrace
 Fort Lauderdale, FL 33312



SOUNDINGS

South Shore Neptunes' Newsletter

APRIL, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

FEBRUARY & MARCH EVENTS

The February 28 Point Dive at Marblehead Light was canceled at the site because of heavy seas, some as high as 12 feet.

The Boston Sea Rovers Annual Underwater Clinic was the usual good show. This year there was a Sunday day session in addition to the Saturday day and evening sessions. The Club had a chance to use the new booth, and it was an unqualified success. Special thanks are due to Vik Benson who procured the booth, Angelo Correnti who made sure we had a place to put it, and to all those who helped set it up and man it.

APRIL EVENTS

The Next Las Vegas Night will be held on Saturday, April 3 at Florian Hall at 55 Hallet Street in Dorchester. See the box for details.

A CPR Course will be given at the clubhouse, taught by Nancy Joyce. There will be two sessions, April 10 and 17 from 9:00 AM to noon. The capacity is limited to 6, so sign up at the April 6 meeting or call the president or vice president to make reservations.

The First Competition Dive of the season will be held at Lake Massapoag, Sharon on April 18. The snorkel event will begin at 10:00 AM with all divers suited up and at the water's edge. The SCUBA event will begin shortly after the completion of the snorkel event. All members, especially new members, are urged to participate. Any one can win, and remember that there is a "Rookie of the Year" award to try for. Come and find out what the competition directors have dreamed up now! To reach Lake Massapoag take Route 195 south to Exit 27 (Cony Street) follow Cony Street southeast toward Sharon. When Cony Streets meets Route 27 continue straight onto Route 27 and follow 27 into the center of

Sharon. Go straight at the traffic light where 27 turns left, and you will be on Billings Street. Then after a very short block turn right onto Pond Street. Follow Pond Street for about a mile and turn right onto Beach Street just before you get to the lake. Then turn left through the second gate and drive down to the left (east) end of the beach. Alternately take Route 138 south from 128. After 0.8 mi. turn right at the traffic light at the bottom of the hill onto Washington Street. Follow Washington Street 4.4 mi. through the center on Canton and on to Cob's Corner (the fifth traffic light). At Cob's Corner turn right onto Route 27 and follow it to the center of Sharon. Turn left at the traffic light onto Billings Street and then right onto Pond Street.

There Will Be a Wreck Diving Symposium sponsored by the Metrowest Dive Club on April 24. It will be held at the Keefe Tech High School in Framingham with registration at 8:15 AM. There is an impressive list of speakers including Bill Carter who is one of our members. Tickets are \$20.00 and include a buffet lunch and door prizes. Tickets must be purchased in advance. For more information and to obtain tickets call Charley Matthews at (617) 963-1373. Additional information can also be obtained by calling (508) 392-9429.

The First Night Dive of the season will be held at Sandy Beach, Cohasset, at 7:00 PM on Friday, April 23. To reach Sandy Beach follow Route 3A to Forest Avenue, Cohasset. This is a hairpin left, the first left after you cross the border from Hingham to Cohasset. Follow Forest Avenue 1.4 mi. to Jerusalem Road. Turn right and follow Jerusalem Road (which turns into Atlantic Avenue) along the shore for about a mile. Sandy Beach will be on your left. For details call Dan Cloutier at (617) 963-2007.

The April Point Dive will be held at Back Beach, Cape Ann, on April 25 at 8:00 AM. Note the early hour! It is necessary to be sure of getting a parking place. Everyone will go out to eat *after* the dive. To reach Back Beach take Route 128 into Gloucester and

The Las Vegas Night

The Next Las Vegas Night will be held on Saturday, April 3 at Florian Hall at 55 Hallet Street in Dorchester. This is an excellent location, and we should get a very good crowd. We shall therefore need a lot of help, *much more than we had the last time*. Please all club members make a real effort to be there and bring any friends and relatives who would be willing to help. Because there is no training session this time, we are specially in need of people who know how to deal blackjack, but there are also a lot of other jobs to do. There are side games to run, chips to sell, and money to count, so every one can help. This is a real opportunity to make a good profit; let's not spoil it by having too few people. If we don't get enough help we will be in real trouble. If possible those helping should try to wear white shirts and black trousers, but any dress is acceptable. The customers will start to arrive at 7:00 PM, so all helpers should arrive at 6:00 PM to allow time to get organized. To reach Florian Hall travel north on Route 28 through Lower Mills and on to Gallvan Blvd. (Route 203). Turn right and follow Gallvan Blvd. 1 mile to Hallet St. Alternately take Granite Ave. north from Quincy across the Neponset River and then to Gallvan Blvd. Then turn right and take Gallvan Blvd. 1/2 mile to Hallet Street. Turn right onto Hallet Street and Florian Hall is a single story red brick building with a large parking lot on your right about 200 yards from Gallvan Blvd. Anyone who is able to distribute fliers the week before please call Marty Blake (617) 335-1934.

then the *east branch* of Route 127 (the second set of 127 signs you will see) into the center of Rockport. Follow 127 left onto Railroad Avenue and then 0.7 mi. farther to Beach Street. Turn a hairpin right onto Beach Street, and Back Beach will be shortly on your left. Parking is on the right across the street from the beach.

The Bay State Council will hold a meeting on April 26 at 8:00 PM at the SSN clubhouse. The meeting will include a general review and plans for the Treasure Hunt. There will be two guest speakers.

The first will discuss a diver's booth at next year's Boat Show, and the second, from Plymouth, will discuss a proposed recompression chamber.

There Will Be a Film/Video Night at the clubhouse at 8:00 PM on April 27. This promises to be an excellent fourth Tuesday event, and we shall probably send out for pizza. Anyone who has an interesting diving video tape please bring it along so that we can have a large number of subjects to choose from.

PLANS FOR MAY

The May Point Dive will be held at Bluefish Cove, Marshfield on May 2.

There Will Be a Clubhouse Cleanup on Saturday, May 8 beginning at 10:30 AM. This time there will be cleaning only — no major projects. Everyone please come and help. If we get enough people we can get the job done and finish in a short time.

The Trip to the Maritime Museum in Bath, Maine is set for Saturday, May 15. The museum has a new exhibit on shipwrecks which includes both photographs and artifacts. The Revolutionary War privateer *Defense* the clipper ship *Snow Squall*, and the schooners *Hesper* and *Luther Little* are featured. Issues of ethics and stewardship of recovery operations are explored. The museum's numerous other exhibits include paintings, photographs, scrimshaw, lobstering, and a shipyard. It promises to be a really worthwhile trip. The trip will be held only if there is sufficient interest, so anyone interested please let the president know.

The Annual BSC Treasure Hunt will be held on May 23 at Stage Fort Park, Gloucester. It will be possible to pre-register at the SSN Clubhouse. Pre-registration entry will be \$7.50; registration at the site will be \$10.00.

PLANS FOR JUNE

The June Point Dive will be held in Provincetown Harbor on June 6.

The Beginning-of-the-Summer Party will be held on George's Island on June 13.

The Second Competition Dive of the season will be held on June 27, location to be announced.

THE POOL

The pool at the Lincoln Hancock School in Quincy is available to us for one hour at 7:00 PM each Monday night. Exceptions are holidays and other Mondays when school is not in session. All members are welcome. This is an excellent opportunity for us to practice our snorkeling and breath holding skills. With the competition season coming this can be a real advantage.

OTHER NEWS

Congratulations to Mike Trzcinski who was married on February 20.

Blackbeard's Cruise is a 65 foot motor/sail dive boat with a capacity of 22 divers. It operates from Florida and takes people on week long trips to the Bahamas for diving and other activities. Charley Matthews has made the trip twice and wants to set up a trip for April, 1994. Any one who is interested call Charley at (617) 963-1373 for all the details. It certainly sounds like a great trip!

OBITUARY

It is with great sadness that we announce that Carl Yngve's mother died in February. We offer our profound sympathies to Carl and his family.

BAY STATE COUNCIL NEWS

The Bay State Council of Divers is now having a membership drive. As in the past the Club pays \$2.00 toward the \$5.00 Council dues for any regular member who wishes to join. The Club is supporting the Council with a \$100.00 club membership, but the Council also badly needs individual members. The Council provides opportunities for members of different clubs to get together, but its most important function is in the legal field. In the past the "Free the Beaches" campaign successfully lobbied for legislation which significantly increased the number of available dive sites, and the Legal Defense Fund makes it possible to fight test cases in court when important diving issues are at stake. A large Council membership list serves two purposes: it provides funding for Council activities, and it makes it possible for the Council to make a valid claim of representing all the divers of the Commonwealth. Most of the Council officers are SSN members, and we must set an example for other clubs in the area. Let's make a real effort for 100% SSN membership in the Council! Everyone please see the treasurer to sign up or mail in your check for \$3.00.

FOR SALE

Nikonos 5 underwater camera with 35 mm. lens. Mint condition. Two years old and never used in the water. Asking price \$350.00 Call Tom Colbert (617) 329-3699.

April, 1993

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

				1 HTB 5:32	2	3 HTB 7:36 Las Vegas Night
4 Daylight Saving Time Begins Palm Sunday	5 Pool: 7:00 PM First Seder	6 Regular Meeting 8:00 PM Full Moon First Day of Passover	7	8 HTB 0:37	9 Good Friday	10 HTB 2:17 CPR Course 9:00 AM, Clubhouse
11 Easter Sunday	12 Pool: 7:00 PM	13 Board Meeting 8:00 PM Last Quarter	14 HTB 5:59	15	16	17 HTB 9:00 CPR Course 9:00 AM, Clubhouse
18 Competition Dive Lake Massapoag 10:00 AM Orthodox Easter	19 Patriot's Day Pool Closed	20 Regular Meeting 8:00 PM	21 HTB 11:55 New Moon	22	23 Night Dive 7:00 PM Sandy Beach	24 HTB 1:16 Metrowest Wreck Diving Symposium 8:15 AM
25 Point Dive Back Beach 8:00 AM	26 Pool: 7:00 PM Bay State Council Meeting 8:00 PM SSN Clubhouse	27 Film/Video Night	28 HTB 4:13	29	30 First Quarter	

May, 1993

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

						1 HTB 7:12 Law Day	
2 Point Dive Bluefish Cove 10:00 AM	3 Pool: 7:00 PM	4 Regular Meeting 8:00 PM	5 HTB 11:08 Full Moon	6	7	8 HTB 1:04 Clubhouse Cleanup, 10:30 AM	
9 Mother's Day	10 Pool: 7:00 PM	11 Board Meeting 8:00 PM	12 HTB 4:29	13 Last Quarter	14	15 HTB 7:21 Trip to Bath, ME Armed Forces Day	
16	17 Pool: 7:00 PM	18 Regular Meeting 8:00 PM	19 HTB 10:41	20 Ascension Day	21 New Moon Partial Solar Eclipse	22 HTB 0:09	
23 BSC Treasure Hunt	24 Pool: 7:00 PM	25	26 HTB 3:04 Shavuot	27 Orthodox Ascension Day	28 First Quarter	29 HTB 4:52	
30 Pentecost	31 Memorial Day Celebrated Pool Closed	<p>HTB is the morning high tide at Boston. (Daylight Saving Time after April 4.) Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.</p>					

**SOUTH SHORE
NEPTUNES, Inc.**

55 Sea Street
Quincy, MA 02169

PRESIDENT

Theodore Hotz
221 Vernon Street
Norwood, MA 02062
(617) 769-9043

VICE PRESIDENT

Viktor Benson
498 Elm Road
Walpole, MA 02081
(508) 668-7506

SECRETARY

F. Bruce Gerhard, Jr.
38 Spring Lane
Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:



Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership (to receive mailings only)	\$10.00 per year

DIVER'S HOT LINE

Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

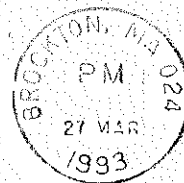
To learn more about the club's activities and membership please feel free to call one of the club's officers, or call John Blackadar at (617) 826-4696.

<p>Ultramarine Divers  101 Commonwealth Ave. Concord, MA 01742 Tel. (508) 369-1154 Toll Free (800) 696-7282 Fax (508) 371-0016 CHRIS MICHEL President P. A. D. I. Course Director</p>		<p>waterworks Underwater Instruction Bill VanderClock PO Box 1062 Waltham, MA 02254 (508) 657-6431 Private Scuba Instruction Underwater Photography Search & Recovery</p>
<p>AQUA LUNG CENTER  SALES DIVING CLASSES REPAIRS TRAVEL Don Scall Air Fills \$2.00 (617) 322-6291 (617) 321-8830 38 Lebanon Street, Malden, MA. 02148</p>		<p>DIVER'S MARKET SCUBA CENTER Wayne Gomer 319 Court Street (Route 3a) Plymouth, MA 02360 Just off Route 3 South at Exit 7 A New Larger Store (508) 746-DIVE (508) 746-3483 AIR STATION SALES RENTALS CHARTERS HYDRO</p>
<p>SOUTH SHORE SKINDIVERS 147 Bridge St. (Rt. 3A) No. Weymouth, MA 02191 (617) 331-1144 788 Washington St. (Rt.53) Hanover, MA 02339 (617) 829-0050</p>		<p>UNITED DIVERS JIM ESTABROOK SHORKELING & SCUBA DIVING CLASSES ALL YEAR ROUND LEARN ON A WEEKEND AIR • SALES RENTALS • REPAIRS UNDERWATER VIDEO SPECIALISTS 623-DIVE (623-3483) 666-0410 FAX (617) 776-7986 69 WASHINGTON STREET BOMERVILLE, MA 02143 SCUBAPRO VIKING BODY GLOVE ACTION PLUS PARKWAYS MAYES SEA QUEST SHERWOOD DUI TUSA</p>
<p>WE TEACH SCUBA SSI INSTRUCTOR TRAINING FACILITY NAUI PRO FACILITY PADI - YMCA TAUGHT YEAR ROUND</p>	<p>PRO • DIVERS ★★★★★ U.S.A. ★★★★★ • Group Dive Travel • All Major Brands • Rentals • Service-In-House • Financing Available STORE OWNED DIVE CHARTER BOAT CAPT RICH FRATTO OWNER/OPERATOR OPEN 7 DAYS CONVENIENT LOCATION - EXIT 68 FROM RT 128 236 WOOD ROAD BRAINTREE, MA 02184 848-4990</p>	

Booster Listings - \$25 Per Calendar Year

South Shore Neptunes

55 Sea Street
 Quincy, Massachusetts 02169

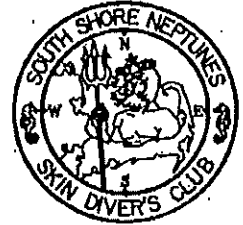


David Clancy
 1466 Southwest 18th Terrace
 Fort Lauderdale, FL 33312

SOUNDINGS

South Shore Neptunes' Newsletter

MAY, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

APRIL EVENTS

The Las Vegas Night on April 3 was a great success. We had plenty of customers and lot of help, although we still could have used more blackjack dealers. We made an excellent profit, and the club has voted to donate a portion of the profit to the Dive Team. Many thanks to all of those who came and helped. The club has voted that those who helped receive either free admission to the Beginning-of-Summer Party or one free guest at the Outing.

A CPR Course was given at the clubhouse on April 10 and 17. Six members took the course. Thanks to Nancy Joyce for teaching the course.

The Competition Dive at Lake Massapoag on April 18 was canceled because it conflicted with a fishing derby. This was the 20th annual fishing derby, and the lake had been specially stocked for the event by the Fish and Wildlife Service. The competition director felt that the need for good community relations dictated that we not interfere with the fishermen. The competition will be re-scheduled for sometime in the fall, probably September.

The Night Dive at Sandy Beach on April 23 had to be canceled because of high winds.

The April Point Dive was held at Back Beach, Rockport on April 25. The dive site was excellent and so was the visibility, about 20 to 25 feet. Ten divers entered the water, and the catch came to three lobsters and one weight belt. The only sour note was the necessity of keeping the parking meters fed. The dive was noteworthy for two unusual events: Peter Barry was present and Mike O'Keefe used a dive flag!

The Bay State Council held a meeting at the SSN Clubhouse on April 26. Gary Carbonneau proposed that divers get together and rent and man a booth at the 1994 Boat Show for the purpose of educating boaters about the diver's flag. All of those present agreed that it was a good idea. Plans were made for the Treasure Hunt, and Angelo Correnti suggested putting on a winter diving seminar in the fall.

Saturday Night, the 27th of April a group of 17 SSN members got together for a Mexican dinner at the El Sarape restaurant at Weymouth Landing which, I am told, is really in Braintree. Everyone had a good time, but one individual was suffering the next day. Your editor does not have reliable information whether the problem was caused by an excess of food, or drink, or both!

PLANS FOR MAY

The May Point Dive will be held at Bluefish Cove, Marshfield on May 2. Breakfast will be at 8:00 AM at Arthur & Pat's Restaurant in Brant Rock Center. The restaurant will also be the meeting place for the dive, so be there by at least 9:30 AM so we can begin the dive at 10:00. Parking and shuttling to the dive site will be arranged at that time. It is possible to park in Brant Rock Center or at the Green Harbor Marina, but the dive site is a couple hundred yards south of there, and it is probably not possible to park any closer. Sheila DeCoste, one of our newest members, lives in the trailer park adjacent to the dive site, and she has invited us to her camper for a party after the dive. Bring your own food and drink. To reach Brant rock take Route 139 from Route 3 South into Marshfield, down to the beach, and then south along the beach. Where 139 turns right away from the beach continue straight south into Brant Rock Center.

The Spring Clubhouse Cleanup will be held at 10:30 AM on Saturday May 8. This will be largely a cleaning, and the only major project planned is the possible replacement of the door to one of the outside storage rooms. Please come and help so that we can get the job done and leave as soon as possible.

The Trip to the Maritime Museum in Bath, Maine is set for Saturday, May 15. The museum has a new exhibit on shipwrecks which includes both photographs and artifacts. The Revolutionary War privateer *Defense*, the clipper ship *Snow Squall*, and the schooners *Hesper* and *Luther Little* are featured. Issues of ethics and stewardship of recovery operations are explored. The museum's numerous other

exhibits include paintings, photographs, scrimshaw, lobstering, and a shipyard. It promises to be a really worthwhile trip. About 14 people have signed up for the trip, but there is room for more. Anyone interested please speak to the president. The distance is 155 mi. and the trip will take 3 hr., so it is necessary to be on the road at 7:00 AM. Car pools will start at the clubhouse, but please make arrangements ahead of time so no one is left waiting.

The May Night Dive will be a charter boat dive on Friday, May 21. Rich Fratto will be taking us on his boat to a dive site to be decided at the time in the light of prevailing weather conditions. We shall meet at Norwood Marina, 24 Ericsson Street, Dorchester, at 7:00 PM. To reach Norwood Marina from the Southeast Expressway drive north past the marina and take the Freeport Street exit at the gas tanks. Turn left onto Victory Road and go under the Expressway. Then turn left again onto Foreport Street and drive back south parallel to the Expressway for about 0.4 mi. and then turn left onto Conley Street which goes back under the Expressway. This turns right and turns into Tenean Street. About 0.4 mi. after going under the Expressway take a hairpin left onto Lawley Street. Follow this to the end where it meets Ericsson Street. The marina is next door to the Venezia Restaurant. Alternately leave the Expressway at the Granite Avenue exit, cross the river on Granite Avenue, turn right onto Gallivan Blvd., follow it to the Expressway, and then go under the Expressway. You will then see a Texaco station which is a good place to ask directions. Anyone who needs help finding Norwood Marina meet at Pro Divers on Wobd Road, Braintree at 6:30 PM. Sign up for the dive at one of the May meetings or call Dan Cloutier (617) 963-2007. Space on the boat is limited, so sign up early. Also the sooner Dan knows how many will be going, the sooner he will be able to determine the cost. If the boat is full, the cost will be \$25.00 per person.

At the Regular Meeting May 18 Gary Carbonneau will be giving us a talk on the wrecks of Lake Winnepesaukee. This will be extremely interesting, so be sure to attend the meeting.

The Bay State Council Treasure Hunt will be held at Stage Fort Park, Gloucester on May 23 rain or shine. The pre-registration cost is \$7.50; registration the day of the event \$10.00. Registration will begin at 9:00 AM, and the first (SCUBA) event at 10:00 AM. The second (Snorkel) event will begin at about 11:30. It is probably a good idea to arrive early in case there is a problem parking. Bring lunch or barbecue equipment. The SCUBA event is an individual event for prizes, while the Snorkel event is a team effort for a trophy. This is an annual event which is always a lot of fun, and it gives us the chance to meet divers from other clubs, so be sure not to miss it. The Council will need a lot of help, so anyone who is able to help with the registration and

score keeping call Angelo Correnti (617) 391-1034, and anyone who is able to act as a safety diver call John Blackadar (617) 828-4696.

A Lecture on Mixed Gas Diving will be given by Paul Adler at 8:00 PM on May 25 (the fourth Tuesday) at the Emergency Management Headquarters, 55 Sea Street, Quincy. This will be extremely interesting, so everyone should make an effort to attend.

PLANS FOR JUNE

The June Point Dive will be held at Stage Fort Park, Gloucester, on June 6. This will be the date and location of the Metrowest Dive Club's Treasure Hunt, so it will be possible for our members to enter the latter event and get points at the same time. Those wishing to enter the Treasure Hunt should arrive at least by 9:00 AM, while those wanting points only can arrive as late as 10:00. Please note the change of location. The June point dive was originally planned for Provincetown Harbor, but the location was changed after it was determined that the only way to avoid being run down by a boat in Provincetown Harbor is to dive under the pier.

There Will Be a Bay State Council meeting at the SSN Clubhouse at 8:00 PM on Monday, June 7.

The Beginning-of-Summer Party will be held at George's Island on June 13. The cost will be \$6.00 per person, unless you helped at the Las Vegas night. Details of times and transportation arrangements will be in next month's newsletter.

There Will Be a Competition Dive on June 27. The location is yet to be determined, but it will probably be in salt water. Watch for more information in the next newsletter.

AND JULY . . .

The North Shore Frogmen obtained the use of Lovel's Island for the entire July 4 weekend, and they have invited SSN members to join them for diving, camping, partying, etc. It will be both an honor to be invited, and a really good time, so everyone make a real effort to attend.

THE POOL

The Pool at the Lincoln Hancock School will be available to us at 7:00 PM Monday nights (except Memorial Day) until the end of the school year. That means that the last night will be June 21. Arrangements for the summer are yet to be determined. This is a great opportunity to brush up on mask clearing, etc. and watch the rugby players try to kill each other, all at the same time!

BAY STATE COUNCIL NEWS

The Bay State Council of Divers is now having a membership drive. As in the past the Club pays \$2.00 toward the \$5.00 Council dues for any regular member who wishes to join. The Club is supporting the Council with a \$100.00 club membership, but the Council also badly needs individual members. The Council provides opportunities for members of different clubs to get together, but its most important function is in the legal field. In the past the "Free the Beaches" campaign successfully lobbied for legislation which significantly increased the number of available dive sites, and the Legal Defense Fund makes it possible to fight test cases in court when important diving issues are at stake. A large Council membership list serves two purposes: it provides funding for Council activities, and it makes it possible for the Council to make a valid claim of representing all the divers of the Commonwealth. Most of the Council officers are SSN members, and we must set an example for other clubs in the area. Let's make a real effort for 100% SSN membership in the Council! Everyone please see the treasurer to sign up or mail in your check for \$3.00.

ECLIPSES

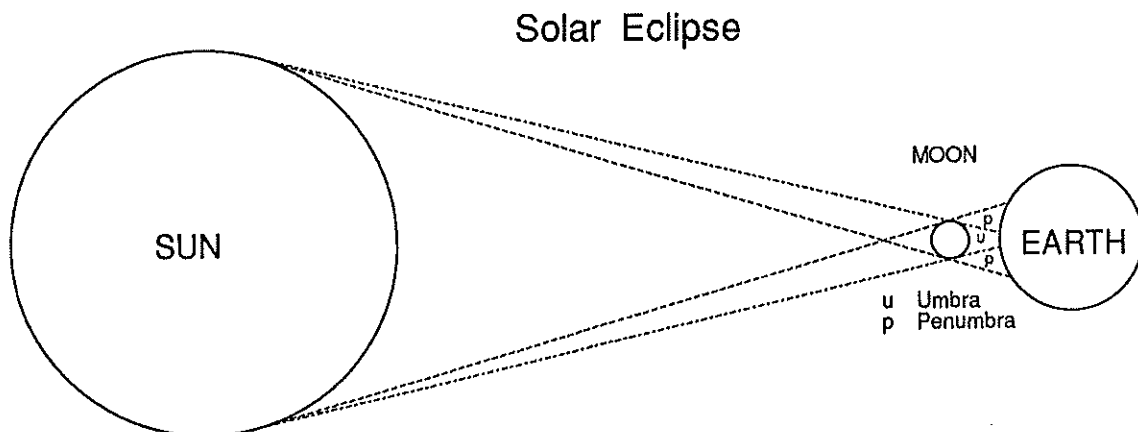
This Year there will be a partial solar eclipse on May 21 and a total lunar eclipse on June 4. It is very unusual for solar and lunar eclipses to occur two weeks apart, and the reason is as follows. The necessary condition for any eclipse is that the sun, the earth, and the moon be in a straight line, or nearly so. Because the plane of the moon's orbit around the earth is not parallel to the ecliptic, the plane of the earth's orbit around the sun, the three bodies do not line up very often. The two planes are inclined at an angle of about 5°, and the first condition for either a solar or a lunar eclipse is that the line of intersection of the two planes pass through, or very close to, the sun. This happens about twice a year or, to be more exact, at intervals of 173.3 days. The second condi-

tion for a solar eclipse is a new moon and for a lunar eclipse a full moon. The first condition *does* prevail for two weeks, but not much longer, so it is rare for successive new and full moons both to occur while the first condition is met. This, however, is what will occur this year.

In the case of a solar eclipse there is an area, called the umbra, where the sun is completely blocked and a larger area, called the penumbra, where the sun is only partially blocked. The moon's distance from the earth varies slightly, and sometimes the umbra does not even reach the surface of the earth or it may pass above the north pole or below the south pole. If the penumbra only intersects the surface of the earth, the eclipse is partial, as it will be on May 21. The maximum size for the umbra on the earth's surface is 167 miles, so a total solar eclipse is visible only in a very restricted area. This is why astronomers often travel long distances to view a solar eclipse. A lunar eclipse, on the other hand, is visible anywhere the moon is visible, that is anywhere it is night. The midpoint of the June 4 lunar eclipse will occur at 8:00 AM EST, after the moon has set on the east coast, so only the early phases of the eclipse will be visible from here.









A solar eclipse should be viewed only with extreme caution. Sunglasses etc. do not provide sufficient blocking of the sun's rays, and viewing an eclipse through them can cause severe injury to the eyes. Totally exposed camera film or the screens used in sextants are satisfactory, but not readily available. The simplest and safest way to view a solar eclipse is to use two file cards. Make a very small pinhole in the center of one card and hold the cards so the sun shines through the hole and falls on the second card. This will produce an image of the sun on the second card which can be viewed without danger to the eyes.

The eclipse article contains information obtained from the Eldridge Tyde and Pilot Book and from the Grolier Electronic Encyclopedia.








May, 1993

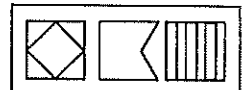
SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

						1 HTB 7:12 Law Day
2 Point Dive Bluefish Cove 10:00 AM 	3 Pool: 7:00 PM	4 Regular Meeting 8:00 PM	5 HTB 11:08 Full Moon	6	7	8 HTB 1:04 Clubhouse Cleanup  10:30 AM
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June, 1993

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

		1 Regular Meeting 8:00 PM	2 HTB 9:57	3	4 HTB 11:46 Full Moon & Total Lunar Eclipse (begins 00:11 EDT; first phase only visible on East coast)	5
6 Point Dive & Metrowest Treas. Hunt: 10:00 AM Stage Fort Park Orthodox Pentecost 	7 Pool: 7:00 PM Bay State Council Meeting 8:00 PM SSN Clubhouse	8 Board Meeting 8:00 PM	9 HTB 3:09	10	11	12 HTB 5:41 Last Quarter
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27  Competition Dive	28	29	30 HTB 8:43			



**SOUTH SHORE
NEPTUNES, Inc.**
55 Sea Street
Quincy, MA 02169

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Theodore Hotz
221 Vernon Street
Norwood, MA 02062
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VICE PRESIDENT

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(617) 472-6949

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BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

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Corresponding membership	\$10.00 per year
(to receive mailings only)	

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ADDITIONAL INFORMATION

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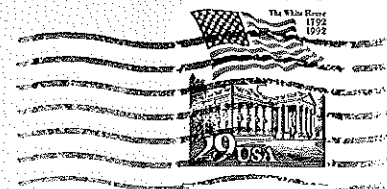
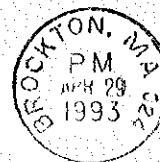
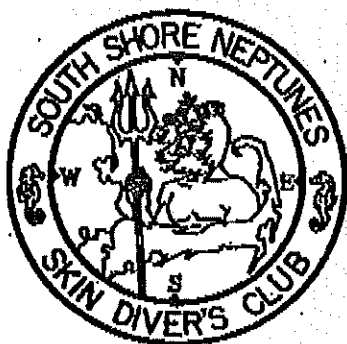
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Quincy, Massachusetts 02169



David Clancy
1466 Southwest 18th Terrace
Fort Lauderdale, FL 33312

SOUNDINGS

South Shore Neptunes' Newsletter

JUNE, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

NEPTUNES WIN BSC COMPETITION

SSN WINS TEAM SNORKEL EVENT

The Bay State Council Treasure Hunt was held at Stage Fort Park, Gloucester on Sunday, May 23, and the Neptunes won the team snorkel event again, *even without the help of Peter Barry!* Joe Gomes led every one with 145 marbles, and the SSN team took first place with a total of 333. Second place went to the Mass Bay Divers with 172, and third to the North Shore divers with 134.

The weather was ideal for the competition, an off-shore breeze and sunshine. There was no fog and no lost divers. The SCUBA event was the usual collecting of scallop shells and this time also steel washers. Divers were given tickets for the prize drawing in exchange for their shells and washers. Teams for the snorkel event consisted of six divers, each team representing a club. The object of the event was to collect as many marbles as possible. The SSN team consisted of Joe Gomes, Mike Galasso, David Rodberg, Vik Benson, Charley Matthews, and Claude Crabbe. Claude is one of our newest members and set an excellent example for all new (and old) members by entering the competition and helping the club! Joe Gomes was heard complaining that his bag of marbles was so heavy it was difficult to carry!

There were many excellent prizes, all donated by generous dive shops. Many thanks to all of them! The SSN members who did so well in games of skill did not, alas, do as well in games of chance, and most of the prizes went to members of other clubs.

OTHER MAY EVENTS

The Point Dive at Bluefish Cove on May 2 was a success in spite of heavy surf and 5 foot visibility. Fourteen divers participated, and Mike O'Keeffe



It's Marble Counting Time!

found a weight belt. After the dive Sheila DeCoste entertained the divers with hot dogs and hamburgers. Sheila lives right next to the dive site.

The Dive Team conducted a successful search for the Coast Guard on May 8. An obstruction had been reported in the channel at the mouth of the North River, and a few weeks ago one of the Coast Guard boats had hit it and lost a rudder. The team had made an attempt to locate it the previous week, but it had been necessary to cancel the dive because of fog and heavy seas. May 8 brought vastly improved conditions, and the team met at the Scituate Coast Guard Station at 7:00 AM, the early hour necessary to catch the low tide. We proceeded to the North River in two Coast Guard boats and one of the Scituate Harbor Master's boats. The divers began circular search patterns, and Ted Hotz found the obstruction, which turned out to be a rock, immediately. A short time later he found the lost rudder 50 feet from the rock.

The Clubhouse Cleanup was also held on May 8. With the Dive Team at the North River most of the work was left to Kelly Burke and Beth Hayes. They

had the inside of the clubhouse completely cleaned by the time the team members arrived, shortly before noon. At that point everyone present cooperated and did some cleaning up around the outside. Many thanks to all who showed up, but especially to Kelly and Beth.

The Trip to Bath, Maine to visit the Maine Maritime Museum was held on May 15. Only four members made the trip, but they thought it well worthwhile. The museum is relatively new, but it has a lot of interesting exhibits. We had a guide, Ed Donohoe, who has had vast experience at sea and is very knowledgeable about maritime history. He had a lot of fascinating information to give us. Ed is a marine engineer, so he and Chris Hugo enjoyed discussing all types of marine engines.

At the Regular Meeting on May 18 Gary Carbonneau of the United Divers of New Hampshire gave a very interesting talk on the wrecks of Lake Winnepesaukee. Gary is also planning a booth at the 1994 Boat Show to educate boaters about the Diver's Flag, a very worthwhile effort.

Nitrox Diving was the subject of a talk given to the Dive Team by Paul Adler on May 25. All of those present had a much better understanding of the subject at the end of the talk. Paul emphasized two especially important facts: Special training is required for anyone who uses nitrox, and is *absolutely necessary* to follow the rules *to the letter*. If the rules are followed there are some significant advantages to using nitrox for medium depth (not deeper than 130 feet) dives. He also discussed using tri-mix for deeper dives. Tri-mix contains helium and is therefore very expensive. Paul has offered to teach a nitrox course to team and club members, and we are currently trying to arrange a time and date. The cost of the entire course, which includes lecturers, textbook, and two dives will be \$202.00. The dives include rental of the specially cleaned tanks, fills, and a boat charter. It will also be possible to take the lectures without the dives, but this will not, of course, lead to nitrox certification. If a sufficient number of people sign up, the cost of the lectures and textbook only will be \$80.00. All who are interested in taking the course please speak to John Blackadar or one of the club officers as soon as possible. We want to get the course under way as soon as we can.



Neptunes with guide Ed Donohoe at the Maine Maritime Museum.

PLANS FOR JUNE

The June Point Dive will be held at Stage Fort Park, Gloucester on June 6. The Metrowest Dive Club is holding its Treasure Hunt at the same time and location, so it will be possible for our members to enter the Metrowest event and earn their points all at the same time. Any one wishing to enter the treasure hunt should arrive before 9:00 AM, but those wishing to get points only can arrive as late as 10:00 AM. To reach Stage Fort Park take Route 128 to Route 133 (Exit 13) and follow 133 east past the Cape Ann Marina to the edge of Gloucester Harbor. Turn right and follow signs to Stage Fort Park. Please note that you *must* take Route 133. The bridge where Route 127 crosses the Annisquam River is closed (or at least it was on May 23), so if you go to the center of Gloucester, you will have to backtrack.

The Bay State Council will have a meeting at the SSN clubhouse at 8:00 PM on Monday, June 7. Plans for an artificial reef in the New England waters will be discussed. Please try to attend and support the Council.

The Beginning-of-the-Summer Party will be held on George's Island on June 13. The charge will be \$6.00 per person, and all food will be supplied. Bring soft balls, gloves, and bats; volley balls and a net will be supplied by the club. Members who have boats and are willing to help set things up should try to arrive at 8:00 AM. Members who do not have boats should either make arrangements with members who *do* have boats or call the Port Authority and

inquire about the ferry boat schedule and points of departure. Try to arrive on the first ferry, or at least by noon when the food will start to be eaten. Remember that those who helped at the last Las Vegas night can attend free. Please sign up at the first June meeting or call one of the officers or Angelo Correnti. We need to get a count as soon as possible.

There Will Be a Competition Dive at Peggoty Beach, Scituate, on June 27. This will be the first competition of the season because the previous one was canceled. The snorkel event will begin promptly at 10:00 AM with all divers dressed and at the water's edge. The SCUBA event will begin after the completion of the snorkel event. To reach Peggoty Beach take Route 3 south to Exit 31 and then turn left onto Route 53. In about half a mile turn right onto Route 123 and follow it to Route 3A. Cross 3A and take the right fork which is Driftway. Follow Driftway almost into the center of Scituate and turn right onto Edward Foster Road (there will be a big church on the left). Take the first right which is Peggoty Beach Road. Follow it to the big parking lot at the end.

PLANS FOR JULY

The North Shore Frogmen have obtained the use of Lovel's Island for the weekend of July 4 and have invited SSN members to join them. It is a great honor for the club to be invited, and we should all make an effort to attend. The NSF will be on the island Saturday and Sunday, camping on the island, diving, and partying. It certainly sounds like a great weekend. Any additional details will be in next month's newsletter.

Chuck Cipoletta Has Invited members to Harwich Port on the weekend of July 10 & 11. He is planning a bug dive for Saturday and a wreck dive for Sunday. Chuck has a four bedroom house and can put up divers and guests if they bring sleeping bags. Some boats will probably be crossing by water, and some people may prefer to trailer their boats. Speak to Angelo Correnti about details at one of the June meetings.

The July Point Dive will be held at Boston Light on July 25. The meeting places will be the Quincy Yacht Club at 8:30 AM or Pemberton Pier at 9:00 AM. We should have plenty of members with boats in the water by that time, so transportation should be no problem.

AND AUGUST . . .

The Outing will be held on August 1 with a rain date of August 8. Details are still to be worked out, so watch for them in next month's newsletter.

The August Point Dive will be held at the North River Spit on August 22. All diving will be from boats, so new members be sure to complete the required beach check out dives before then. The tide will be flooding in the morning which is ideal. An *ebbing* tide and an on-shore wind often build up wicked seas at the mouth of the North River, and sometimes it is impossible for small boats to get out of the river.

NEW MEMBERS

During May new member votes were taken for Mike Roddy and Bill Serra. Welcome!

DIVE TEAM NEWS

The Dive Team is in need of Coast Guard approved boat type life preservers to carry on the dive truck. Any one who has any extras please donate them to the team.

BOARD OF DIRECTORS

Paul Greene has resigned from the Board of Directors and has been replaced by Theresa Czerepica who was the runner-up in the December election. Beth Hayes and Jay Theriault will also be resigning, and David Rodberg, the next runner-up will not be here the entire year. We therefore need to elect two new Board members: one to take office immediately, and the other to take office when David leaves. The election will be held at the first meeting of June.

June, 1993

SUNDAY

MONDAY





TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

		1 Regular Meeting 8:00 PM Election of Directors	2 HTB 9:57	3	4 HTB 11:46 Full Moon & Total Lunar Eclipse (begins 00:11 EDT; first phase only visible on East coast)	5
6 Point Dive &  Metrowest Treas. Hunt: 10:00 AM Stage Fort Park Orthodox Pentecost	7 Pool: 7:00 PM Bay State Council Meeting 8:00 PM SSN Clubhouse	8 Board Meeting 8:00 PM	9 HTB 3:09	10	11	12 HTB 5:41 Last Quarter
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27 Competition Dive 	28	29	30 HTB 8:43	HTB is the morning high tide at Boston in Daylight Saving Time. Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.		

July, 1993

SUNDAY

MONDAY






TUESDAY

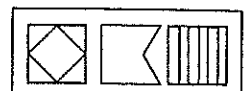
WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

				1	2	3 HTB 11:33 NSF on  Lovell's Island
4 Independence Day NSF on  Lovell's Island	5	6 Regular Meeting 8:00 PM	7 HTB 01:58	8	9	10 HTB 04:11  Chuck C.'s Dive Harwich Port
11  Chuck C.'s Dive Harwich Port	12	13 Board Meeting 8:00 PM	14 HTB 07:39	15	16	17 HTB 10:18
18	19	20 Regular Meeting 8:00 PM	21 HTB 00:51	22	23	24 HTB 03:23
25 Point Dive  Boston Light Meet 8:30 or 9:00	26	27	28 HTB 07:26	29	30	31 HTB 10:28



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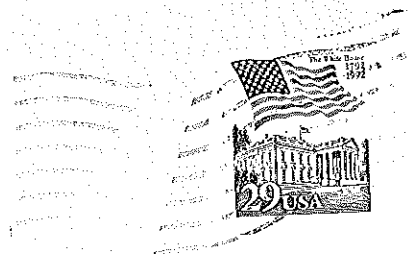
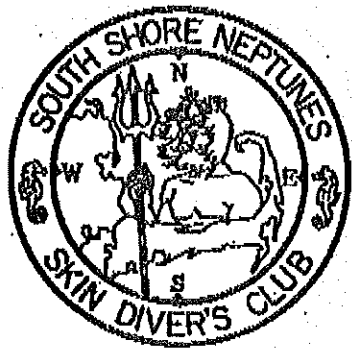
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David Clancy
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SOUNDINGS

South Shore Neptunes' Newsletter

JULY, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

JUNE EVENTS

The June Point Dive was held at Stage Fort Park, Gloucester on June 6. This was the same time and place as the Metrowest Dive Club's treasure hunt. The idea was that SSN members could earn their points and participate in the treasure hunt, all at the same time. Nine members were present and earned their points, but only about half stayed around to enter the treasure hunt. It was a rainy day, and the Metrowest people almost canceled the event, but were finally persuaded to hold it in spite of the weather. The visibility was about 15 feet, and it turned out not to be a bad dive after all. The SCUBA event was a compass course, and Charley Matthews and Jay Therault came in first. SSN members did very well at winning prizes, but expressed some disappointment about what prizes were available.

The Beginning-of-Summer Party at George's Island on June 13 was a real success. It was a beautiful sunny day with a calm sea in the morning and only moderate winds in the afternoon. Fifty-three people attended, not counting the *very* small children. Activities included volleyball, softball, exploring Fort Warren, and *eating*. There was more than enough food, and every one had a glorious time. Special thanks are due to Sheila DeCoste for bringing a volleyball net. It seems the club's net came without poles, and Sheila's net saved the day!

The Dive Team did another successful job for the Coast Guard on June 3. The buoy tender White Heath recently got a new captain, and he wanted to have the bottom inspected. Tim Burke and Joe Gomes made the dive. There was a dive truck cleanup on June 19. Only five or six people showed up, but all the most important work was done.

The First Competition Dive of the season was held at Peggoty Beach, Scituate on June 27. The weather was passable (only occasional sprinkles), and the visibility was excellent, 20 to 30 feet. The snorkel event, collecting bottle caps with different scores attached to different brands, was won by Vik Benson with 469 points. Second was Jay Therault with 422 points, and third was Joe Gomes with 103 points. The SCUBA event, collecting man made objects, was a tie between the team of Ed Bates and Joe



Hamburgers on George's Island

Comes and the team of Vik Benson and Fred Goforth. Next came Brian Driscoll and Dan Cloutier. Marty Blake brought down the dive truck, and a good time was had by all.

BOARD OF DIRECTORS

Beth Hayes and Jay Therault have both resigned from the Board of Directors. The replacements are David Rodberg, who was the next runner-up in the December election, and Fred Goforth, who was elected at the June 15 meeting. Christine St.Pierre was elected backup, so she will replace any additional member who resigns.

NEW MEMBERS

During June new member votes were taken for Claude Crabbe, Christy Serra, Ken Kostok, and Kyle T. Tradd. Welcome!

OMISSION

In the June Newsletter we neglected to mention that Fred Goforth and Louis Batista also helped with the early stages of the clubhouse cleanup. Apologies for the omission, and many thanks for the help!

PLANS FOR JULY

The North Shore Frogmen have obtained the use of Lovel's Island for the weekend of July 4 and have invited SSN members to join them. It is a great honor for the club to be invited, and we should all make an effort to attend. The NSF will be on the island Saturday and Sunday, camping on the island, diving, and partying. It certainly sounds like a great weekend. There will not be a meeting before the event, so those who plan to be present should call one of the boat owners or Angelo Correnti ((617) 391-1034) to make arrangements for transportation.

There Will Be a Non-Point Dive at Minot's Light on Saturday, July 10. The planned dives on the Cape on July 10 & 11 had to be canceled because Chuck Cipolleta will be out of town, and this dive will replace them. We shall meet at Minot's Light at 10:00 AM. Transportation arrangements will be made at the July 6 meeting. Be sure to speak to one of the boat owners if you want to go. At this time we are not sure how many boats will be available, and we don't want more people going than the boats can carry. If you can't make the July 6 meeting, call one of the boat owners or Angelo.

Vik Benson Will Be Giving a Pool Party on July 17, starting at 1:00 PM and has invited all SSN members. BYOB, and some type of food contribution will be appreciated. If you have any doubts about what to bring, call Vik and ask. To reach Vik's house take I95 south to the third exit (Route 1, Wrentham). Once on Route 1, turn right at the pancake house. This will be Common Street in Walpole. Go straight through the center of Walpole where you will join Route 27 and continue straight. You will go under a railway bridge, and exactly 1.0 mi. after the railway bridge turn left onto Elm Road. Vik's house is the second on the left, a yellow Cape.

The July Point Dive will be held at Boston Light on July 25. The meeting places will be the Quincy Yacht Club at 8:30 AM or Pemberton Pier at 9:00 AM. We should have plenty of members with boats in the water by that time, so transportation should be no problem. It is possible to dive from Boston Light, but the best diving will be from boats, so new members should make an effort to complete the required beach dives beforehand.

There Will Be a Charter Night Dive on Friday, July 30. Rich Fratto will be taking us on his boat to 31/2 Fathom Ledge or some other dive site to be decided at the time, in the light of prevailing weather conditions. We shall meet at Norwood Marina, 24 Ericsson Street, Dorchester, at 7:00 PM. To reach Norwood Marina from the Southeast Expressway drive north past the marina and take the Freeport Street exit at the gas tanks. Turn left onto Victory Road and go under the Expressway. Then turn left again onto Freeport Street and drive back south parallel to the Expressway for about 0.4 mi. and then turn left onto Conley Street which goes back under the Expressway. This turns right and turns into Tenean Street. About 0.4 mi. after going under the Expressway take a hairpin left onto Lawley Street. Follow this to the end where it meets Ericsson Street. The marina is next door to the Venezia Restaurant. Alternately leave the Expressway at the Granite Avenue exit, cross the river on Granite Avenue, turn right onto Gallivan Blvd., follow it to the Expressway, and then go under the Expressway. You will then see a Texaco station which is a good place to ask directions. Anyone who needs help finding Norwood Marina meet at Pro Divers on Wood Road, Braintree at 6:30 PM. Sign up for the dive at one of the July meetings or call Dan Cloutier (617) 963-2007. Space on the boat is limited, so sign up early. The cost will be \$25.00 per person. The previous charter night dive in May was a great success for those who attended, so let's try to fill the boat this time!

There Will Be a Night Dive on Friday, July 30 at Gap

Cove, Rockport. We shall be meeting at 7:30 PM at the dive site. To reach Gap Cove take Route 128 to Route 127A in Gloucester and follow 127A into Rockport and turn right on South Street. Gap Cove is *before* Gap Point which can be recognized by the lighthouse. There may be a parking problem, but a solution will be worked out. For further details come to the July 6 meeting or call Dan Cloutier at (617) 963-2007.

PLANS FOR AUGUST

The Outing will be held at Duxbury Beach on August 1 with a rain date of August 8. Remember that this year, to celebrate the thirty-fifth anniversary, all members can attend free. Each member can bring one guest and any of his/her children 12 or older for \$6.00. Additional guests will be charged \$7.00. Members' children under 12 are free, and guests children under 12 are \$3.00. Any one who helped at the last Las Vegas night and did *not* make the George's Island party can bring the first guest free. There will be plenty of food and games for both children and adults. We shall be at our usual location south of the bath house, so park in the lot beyond the bath house if there is space. It is a good idea to arrive early to be sure to get a parking place.

There will be a "Boat-B-Q" on Saturday, August 7 if the outing is held as planned on August 1. This is only tentative; if the Outing is postponed to the rain date it will not be held. There will first be a boat dive, and then we shall find a sheltered place to anchor and cook a meal, either on the boats or possibly on one of the islands.

The August Point Dive will be held at the North River Spit on August 22. All diving will be from boats, so new members be sure to complete the required beach check out dives before then. The tide will be flooding in the morning which is ideal. An *ebbing* tide and an on-shore wind often build up wicked seas at the mouth of the North River, and sometimes it is impossible for small boats to get out of the river.

There Will Be a Non-Point Dive at Sandwich Town Beach on August 29. See next month's newsletter for details or come to one of the July meetings.

BOAT USER FEES

Members Are Reminded that federal boat user fees are still in effect for boats 21 feet long and longer. Fees can be paid by Master Card or Visa by calling

(800) 848-2100. If you prefer not to use a credit card, ask for a form, and you can send them a check. Fees are \$35.00 for boats less than 27 feet, \$50.00 for boats less than 40 feet, and \$100.00 for boats 40 feet or larger.

THE POOL

The Underwater Rugby Team has tentatively obtained the use of the pool at the Massasoit Community College in Brockton from 7:00 to 9:00 PM on July 14, 21, 28 and August 11, 18, and 25. It is hoped that it will be available to Rugby players, other interested members, and spectators, but details are still to be worked out. For further details come to one of the July meetings or call Tim Burke at (617) 472-6949.

OTHER NEWS

The Dive Team is in need of Coast Guard approved boat type life preservers to carry on the dive truck. Any one who has any extras please donate them to the team.

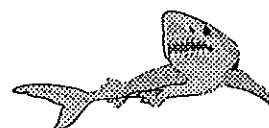
Some Members have recently asked for more scheduled dives. In response to these requests a non-point boat dive at Minot's Light and two night dives have been scheduled for July. Now please let's have good attendance at all these dives! In addition all members are reminded that Angelo Correnti is the "hot line diver". Call Angelo at (617) 884-0697 to coordinate additional dives.

Members Are Reminded that any violation of state lobster laws can be cause for dismissal from the club. One diver was recently warned for not having legible lobster license numbers on his tank. Let's all be careful.








A Nitrox Diving Course will be given by Paul Adler sometime in the near future. John Blackadar has the sign up sheet, and the course will be scheduled as soon as he knows how many wish to take it.

Shirts with the Club Seal are now for sale. Polo shirts are \$20.00 and "T" shirts \$10.00.

The Bay State Council is pursuing plans for an artificial reef in New England waters. There may even be a boat available for sinking!








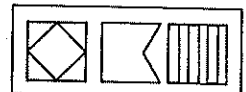
July, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3 HTB 11:33 NSF on Lovel's Island 
4 Independence Day NSF on Lovel's Island 	5	6 Regular Meeting 8:00 PM	7 HTB 01:58	8	9	10 HTB 04:11 Minot's Light Dive 
11	12	13 Board Meeting 8:00 PM	14 HTB 07:39 Brockton Pool: 7:00-9:00 PM	15	16 Night Dive Gap Cove, Rockport 7:30 PM 	17 HTB 10:18 Vik Benson's Pool Party, 1:00 PM 
18	19	20 Regular Meeting 8:00 PM	21 HTB 00:51 Brockton Pool: 7:00-9:00 PM	22	23	24 HTB 03:23
25 Point Dive Boston Light Meet 8:30 or 9:00 	26	27	28 HTB 07:26 Brockton Pool: 7:00-9:00 PM	29	30 Night Dive Charter Norwood Marina 7:00 PM 	31 HTB 10:28

HTB is the morning high tide at Boston in Daylight Saving Time.
Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.

August, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 The Outing Duxbury Beach 	2	3 Regular Meeting 8:00 PM	4 HTB 00:51	5	6	7 HTB 02:54 Boat-B-Q (Tentative) 
8 Rain Date for The Outing 	9	10 Board Meeting 8:00 PM	11 HTB 06:04 Brockton Pool: 7:00-9:00 PM	12	13	14 HTB 08:53
15	16	17 Regular Meeting 8:00 PM	18 Brockton Pool: 7:00-9:00 PM	19 HTB 00:30	20	21 HTB 02:12
22 Point Dive North River Spit 	23	24	25 HTB 06:06 Brockton Pool: 7:00-9:00 PM	26	27	28 HTB 09:19
29 Non-Point Dive Sandwich Town Beach 	30	31 HTB 11:39				



**SOUTH SHORE
NEPTUNES, Inc.**
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Quincy, MA 02169

PRESIDENT

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Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:

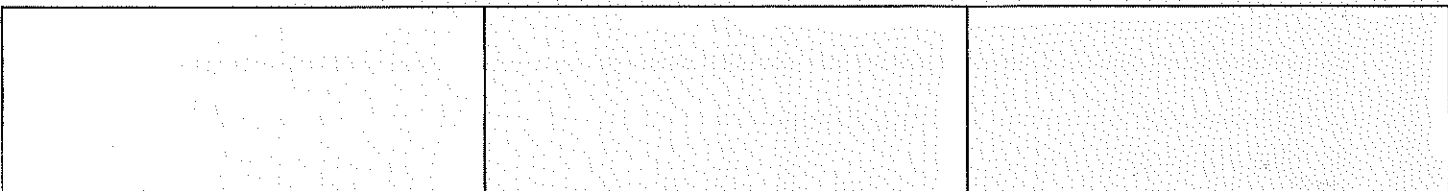
Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership (to receive mailings only)	\$10.00 per year

DIVER'S HOT LINE

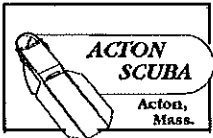
Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

To learn more about the club's activities and membership please feel free to call one of the club's officers, or call John Blackadar at (617) 826-4696.



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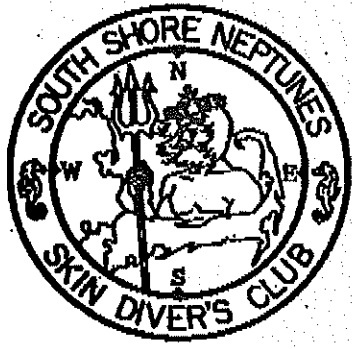
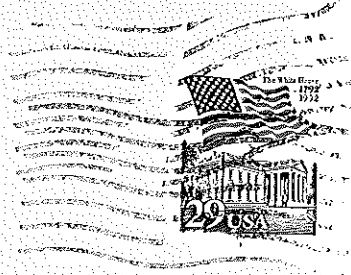
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David Clancy
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SOUNDINGS

South Shore Neptunes' Newsletter

AUGUST, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

JULY EVENTS

On Saturday, July 3 Vik Benson and Angelo Correnti stopped by Lovel's Island to visit the North Shore Frogmen. There were only two NSF members on the island at the time. It seems the others were waiting to get into the Charles River to watch the fireworks.

Five Divers Appeared for the night dive at Gap Cove, Rockport on July 16, and three of them entered the water. There was a moderate parking problem, but the visibility was good, and those who went in enjoyed the dive.

Vik Benson's Pool Party on July 17 was an extremely enjoyable event. Vik lives in a beautiful rural location and has a very large pool. Many thanks for entertaining the club!

The Point Dive on July 25 was a real success in spite of our not being able to reach our intended destination of Boston Light. There was construction in progress on Little Brewster and they did not want visitors, so we went to George's Island instead. The dive was made on the west side of Calf Island in the cove with the wrecked barge. There were seven boats present and more than 20 divers. The visibility was moderate, and a few bugs were taken. Some divers made a second dive and then everyone went back to George's to picnic. As usual there was an ample supply of food.

PLANS FOR AUGUST

The Outing will be held at Duxbury Beach on August 1 with a rain date of August 8. Remember that this year, to celebrate the thirty-fifth anniversary, all members can attend free. Each member can bring one guest and any of his/her children 12 or older for \$6.00. Additional guests will be charged \$7.00. Members' children under 12 are free, and guests children under 12 are \$3.00. Any one who helped at the last Las Vegas night and did *not* make the George's Island party can bring the first guest free. There will be plenty of food and games for both children and adults. We shall be at our usual location south of the bath house, so park in the lot beyond the bath house if there is space. It is a good idea to arrive early to be sure to get a parking place. There is a charge for parking, so car pool if possible. To reach Duxbury Beach take Exit 11 from Rt. 3 onto Rt. 14



Another Picnic on George's Island!

and proceed East. Turn left at the fork at the police station onto Rt. 139. Follow 139 to Canal St. and turn right (there will be a beach sign). Then follow Canal Street to the beach. Anyone who is able to help set up the grills, coolers, volley ball net, etc. please be at Duxbury Beach at 7:30 AM. If there is any doubt about the weather, call the president at (617) 769-9043. The outing is always a good party with swimming, games for both children and adults, and, above all, plenty of food!

There will be a "Boat-B-Q" on Saturday, August 7 if the outing is held as planned on August 1. This is only tentative; if the Outing is postponed to the rain date it will not be held. There will first be a boat dive, and then we shall find a sheltered place to anchor and cook a meal, either on the boats or possibly on one of the islands. We shall meet at Pemberton Pier at noon. Any further details will be worked out at the August 3 meeting.

There Will Be a Night Dive at Fort Wetherhill, Jamestown, RI on Friday, August 13 at 7.30 PM. To reach Fort Wetherhill follow 195 south past Providence, past Warwick, and turn left onto Route 4. This joins Route 2, but where they part again stay on 4. Turn left onto Route 138 and follow it across the Jamestown Bridge. Turn right at the first traffic light after the bridge and follow that road almost to the end (about 2.5 mi.). Fort Wetherhill will be on your left. This is a fairly long trip, so it would be wise to allow at least two hours. If you have any questions call Dan Cloutier at (617) 963-2007.

At the August 17 Regular Meeting Phil Nimeskern will be giving a slide show. The subject will be one of his recent diving vacation trips.

The August Point Dive will be held at the North River Spit on August 22. All diving will be from boats, so new members be sure to complete the required beach check out dives before then. The tide will be flooding in the morning which is ideal. An *ebbing* tide and an on-shore wind often build up wicked seas at the mouth of the North River, and sometimes it is impossible for small boats to get out of the river. We shall be meeting at Mary's Landing on the North river at 10:00 AM. The Spit is an ideal location for a picnic, so this is a traditional family picnic day. Non-divers stay on the Spit while divers make a dive from boats outside the mouth of the river and then return to the Spit. To reach Mary's Landing take Route 3 to Route 53 and turn left at the end of the ramp. Follow 53 past a block of stores and restaurants and turn right onto Route 123. Follow 123 for seven miles to Route 3A and turn right onto 3A. In about a mile you will cross the North River,

and Mary's Landing is on the right immediately after you cross the river. There is an old road which provides ample parking on the west side of 3A on the *north* side of the river, so after you unload drive back across the bridge to park. Please do not park at Mary's.

There Will Be a Non-Point Dive at Sandwich Town Beach on August 29. We shall meet at 10:00 AM at the dive site. To reach Sandwich Town Beach take Route 3 to the Sagamore Bridge. After crossing the bridge turn onto Route 6A and then bear left and work your way down to the shore. Any further details will be announced at the August meetings.

PLANS FOR SEPTEMBER

The September Point Dive will be held at Lovel's Island on September 12. The meeting place will be Pemberton Pier at 9:00 AM. It is possible to dive from the beach on Lovel's, so we shall be able to dive even if there are not enough boats for a boat dive.

There Will Be a Competition Dive on September 19. The location and other details will be in next month's newsletter.

There Will Be a Non-Point Dive on September 26 on the wreck of the *City of Salisbury*. We shall meet at Pemberton Pier at 9:00 AM. Further details next month.

AND OCTOBER

The October Point Dive will be held at Lake Massapoag in Sharon on October 3. It will be combined with the Dive Team's annual practice sled run. This will be an opportunity for anyone who has not used the "sled" to try it out. It is really a lot of fun and certainly a way to cover a lot of bottom with a minimum of effort by the diver.

The Fourth Tuesday Event for October, October 26, will be an artifact show. Bring your favorite artifact to the clubhouse and compare it to other members' artifacts. Bring more than one if you wish.

THE POOL

The Underwater Rugby Team has obtained the use of the pool at the Massasoit Community College in Brockton from 7:00 to 9:00 PM on August 11, 18, and 25. It is available to Rugby players, other interested members, and spectators. Those who used the pool

in July report that it is exceptionally clean. For further details come to one of the August meetings or call Tom Dennehey at (617) 878-0660.

BOAT USER FEES

Members Are Reminded that federal boat user fees are still in effect for boats 21 feet long and longer. Fees can be paid by Master Card or Visa by calling (800) 848-2100. If you prefer not to use a credit card, ask for a form, and you can send them a check. Fees are \$35.00 for boats less than 27 feet, \$50.00 for boats less than 40 feet, and \$100.00 for boats 40 feet or larger.

RAFFLES

The Two Raffles at the regular meetings in August will be run by the Underwater Rugby Team for their benefit. The Rugby Team will supply the prizes and collect the proceeds. A Charter Dive with East Coast Divers out of Hyannis, a \$45.00 value will be raffled. Tickets will be \$3.00 or two for \$5.00. They will be sold at both August meetings, and the drawing will be held at the second August meeting. The dive was donated by David Rodberg; many thanks. Let's every one participate and support the Rugby Team.

A Large Beautifully Framed Print of Boston Harbor in the mid nineteenth century will be raffled over a three month period. Tickets will be on sale for \$5.00 starting in August, and the drawing will be at the last meeting in November. The print was donated by Skip Weinrebe and can be seen in the clubhouse. It really makes an exceptionally fine prize; many thanks to Skip.

THE BAY STATE COUNCIL

The Bay State Council will be having a meeting at the SSN clubhouse at 8:00 PM on September 13. The club voted at the last July meeting to give the BSC permission to use the un-used outside storage room as an office and for literature storage. The BSC will be replacing the door with something reasonably secure.

OTHER NEWS

There Has Been a Recent Law Enforcement Problem on the north shore. Fred Chase, president of the North Shore Frogmen, informs us that a lobster boat recently deliberately ran down some diver's flags.

Fortunately the divers were on the bottom out of harm's way. When the law enforcement authorities arrived on the scene, they made a thorough inspection of the divers, looking for violations of the law, but did not do anything about the lobster boat! Beware of all law enforcement authorities on the north shore!

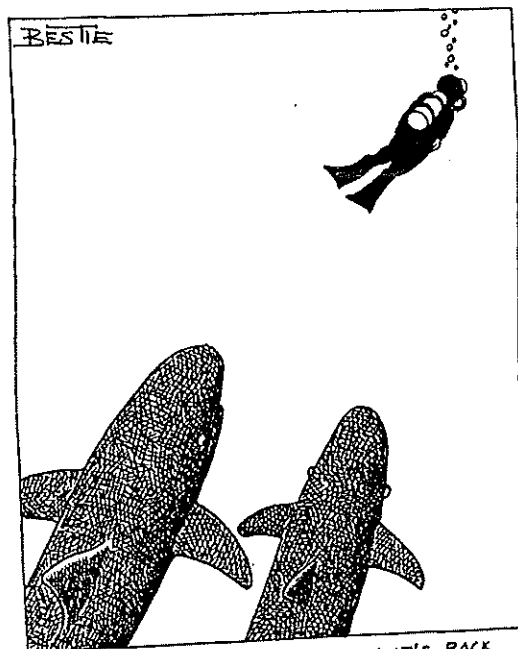
The Club Banner is missing. Anyone who knows anything about it's whereabouts please get in touch with one of the officers. It is very large, and it is difficult to see how it could have gotten lost.

The Dive Team is in need of Coast Guard approved boat type life preservers to carry on the dive truck. Any one who has any extras please donate them to the team.

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"DON'T EAT THE HARD BIT ON IT'S BACK,
THEY MAKE YOU FART!"

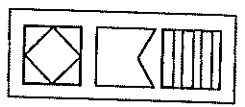
August, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 The Outing Duxbury Beach 	2 Full Moon	3 Regular Meeting 8:00 PM Raffle for Rugby	4 HTB 00:51	5	6	7 HTB 02:54 Boat-B-Q  (Tentative)
8 Rain Date for The Outing 	9	10 Board Meeting 8:00 PM Last Quarter	11 HTB 06:04 Brockton Pool: 7:00-9:00 PM	12	13 Night Dive Fort Wetherhill, RI, 7:30 PM 	14 HTB 08:53
15	16	17 Regular Meeting 8:00 PM Slide Show by Phil Nimeskern Raffle for Rugby New Moon	18 Brockton Pool: 7:00-9:00 PM	19 HTB 00:30	20	21 HTB 02:12
22 Point Dive North River Spit 	23	24 First Quarter	25 HTB 06:06 Brockton Pool: 7:00-9:00 PM	26	27	28 HTB 09:19
29 Non-Point Dive Sandwich Town Beach 	30	31 HTB 11:39 Full Moon				

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September, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 HTB 00:29	3	4 HTB 00:26
5	6 Labor Day 	7 Regular Meeting 8:00 PM	8 HTB 04:37	9 Last Quarter	10	11 HTB 07:23
12 Point Dive, Love's Island Meet Pemberton Pier, 9:00 AM 	13 Bay State Council Meeting, 8:00 PM SSN Clubhouse	14 Board Meeting 8:00 PM	15 HTB 10:54 New Moon	16 Rosh Hashana	17	18 HTB 01:01
19 Competition Dive Location to be Announced 	20	21 Regular Meeting 8:00 PM	22 HTB 04:42 First Quarter	23	24	25 HTB 07:58 Yom Kippur
26 Non-Point Dive City of Salisbury 	27	28	29 HTB 11:06	30 Full Moon		



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NEPTUNES, Inc.**
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Quincy, MA 02169

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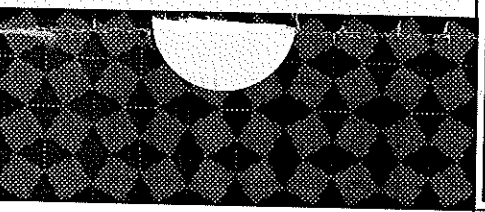
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ADDITIONAL INFORMATION

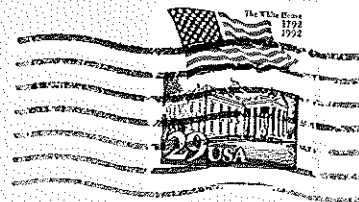
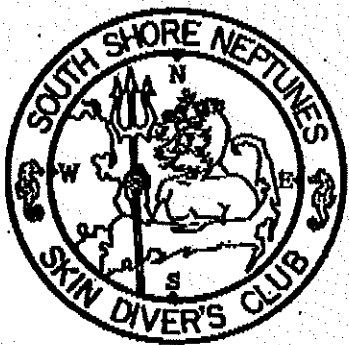
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<p>Acton SCUBA</p>  <p>452 Great Road (RT. 2A) Acton, MA 01720</p> <p>Tel. (508) 263-1611 Toll Free (800) 696-7282 Fax (508) 371-0972</p>		<p>waterworks</p> <p>Underwater Instruction Private Scuba Instruction Underwater Photography Search & Recovery</p> <p>Bill VanderClock PO Box 1062 Waltham, MA 02254 (508) 657-6431</p>
<p>AQUA LUNG CENTER</p>  <p>SALES DIVING CLASSES REPAIRS TRAVEL</p> <p>Don Scalll</p> <p>Air Fills \$2.00</p> <p>(617) 322-6291 (617) 321-8830 38 Lebanon Street, Malden, MA. 02148</p>		<p>DIVER'S MARKET SCUBA CENTER</p> <p>Wayne Gomer</p> <p>319 Court Street (Route 3a) Plymouth, MA 02360</p> <p>Just off Route 3 South at Exit 7 A New Larger Store</p> <p>(508) 746-DIVE (508) 746-3483</p> <p>AIR STATION SALES RENTALS CHARTERS HYDRO</p>
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Booster Listings - \$25 Per Calendar Year

South Shore Neptunes

55 Sea Street
Quincy, Massachusetts 02169

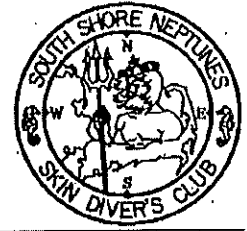


David Clancy
1466 Southwest 18th Terrace
Fort Lauderdale, FL 33312

SOUNDINGS

South Shore Neptunes' Newsletter

SEPTEMBER, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

AUGUST EVENTS

The High Point of August came on the first day. The Outing was, as usual a resounding success. It was held at the usual location of Duxbury Beach, and the weather was as good as one could ask for. About 80 people attended including a lot of children. There was plenty of food (even butter for the corn), and the usual games. The new twist this year was that the kids won the tug-of-war against the big guys. The big guys, however, would not accept defeat, and so it was repeated — several times. The kids won again, and after four defeats the big guys finally gave up. All in all every one had a beautiful time.

The Dive Team cleared a fouled propeller on one of the Coast Guard boats at Scituate on August 3. The call came in while everyone was at Alfredo's after the meeting. Tommy Lo wielded the knife while Jay Therault held the light.

The Boat-B-Q on August 7 was canceled because the National Weather Service predicted bad weather including high winds and high seas. During the day there was still a small craft advisory, but those who ventured out reported that it was beautifully calm. We missed a chance for a good dive and a good feed. So much for weather forecasts.



Out of the Water.

The Night Dive at fort Wetherhill, RI on August 13 was a success. The divers encountered some rain on the way down, but none when they arrived. The visibility was excellent, the water temperature 68°, and five divers participated.

Phil Nimeskern presented an excellent slide show at the August 17 regular meeting. The subject was his recent trip to Grand Cayman. Both the pictures and the commentary were excellent. The diving on Cayman is evidently more restricted than it was when your editor was there a number of years ago, but it is still a beautiful place.

The Dive Team earned \$1000.00 on Thursday, August 19. It seems the 125 foot charter/party boat *LadyChristine* lost a propeller in Marina Bay, Quincy. Earlier that week a number of divers including some professionals had searched for it without success.



And to the City Garage.

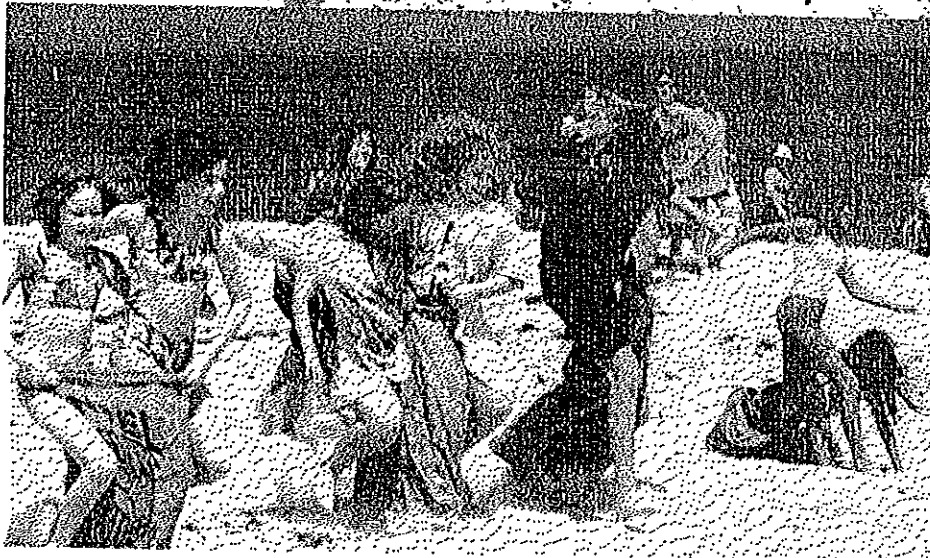
THE 1993 OUTING



Plenty of Food.



*There Must Be
Gold Down There!*



*Games for
Children.*



*More Games for
Children.*



Even Games for Adults.



*Pull!
The Kids Won
this One!*

Marty Blake had a detailed talk with the captain, and the team began its search about noon Thursday. Lou Battista and Tim Burke were the first divers in the water, and after about 45 minutes Tim Found it, right next to the pier! An attempt was then made to lift it by hand, but the combination of its weight, estimated to be about 400 pounds, and the suction of the mud made this impossible. Marty then radioed one of his friends, Paul Urbanus, who is a commercial lobster man, and between the lobster boat's winch and the Marina Bay boat hoist it was moved to Brian Driscoll's truck and then to the Quincy city garage. A four foot diameter bronze propeller is a really impressive piece of machinery. The success of the operation demonstrates the utility of well executed circular search patterns, and the Dive Team can certainly make good use of the reward money. Three cheers, and thanks to Paul Urbanus!

The Raffles at the Two August Meetings were held for the benefit of the Underwater Rugby Team. The prize, a charter dive with Paul Adler, was donated by David Rodberg. It was won by John Blackadar.

The August Point Dive was held at the North River Spit on August 22. The sun was shining all day, and the wind was no more than moderate, but there were some fairly heavy seas. The boats from up Boston Harbor way had some difficulty getting as far south as the North River, so *Four Play* had to make two trips the *Mary's Landing* to get all the people out to the Spit. Eventually enough boats appeared to accommodate all the divers, and with the flooding tide the mouth of the North River was reasonably calm, so we were able to get out and make a dive off Third Cliff. In the process of leaving the Spit your editor made an unsuccessful attempt to dredge a new channel through the North River mud flats, much to every one's amusement. When we finally reached the dive site, the bottom was somewhat stirred up, and we picked a sandy spot, but we had a good dive anyway. There were at least seventeen divers in the water. Then back to the Spit to eat the left overs from the outing. There was plenty of food for everyone and still some remaining. By the time we finally left the North River the tide had turned, and the mouth of the river was its usual choppy self. All in all, a good time was had by all.

PLANS FOR SEPTEMBER

The September Point Dive will be held at Lovel's Island on September 12. The meeting place will be Pemberton Pier at 9:00 AM. It is possible to dive from the beach on Lovel's, so we shall be able to dive even if there are not enough boats for a boat dive.

There Will Be a Night Charter Dive on September 17 with Rich Fratto. This will be a two tank dive with the first dive on the Chester Pauling and the second to be decided on the spot. The meeting time and place will be at the Norwood Marina at 5:00 PM. This promises to be an excellent dive. Directions for finding Norwood Marina are in your May and July newsletters.

There Will Be a Competition Dive on September 19 at Lake Massapoag, Sharon. The snorkel event will begin at 10:00 AM sharp with all entrants dressed and at the water's edge. The SCUBA event will begin after the completion of the snorkel event. Come get your points! To reach Lake Massapoag take Route I95 south to Exit 27 (Cony Street) follow Cony Street southeast toward Sharon. When Cony Streets meets Route 27 continue straight onto Route 27 and follow 27 into the center of Sharon. Go straight at the traffic light where 27 turns left, and you will be on Billings Street. Then after a *very* short block turn right onto Pond Street. Follow Pond Street for about a mile and turn right onto Beach Street just before you get to the lake. Then turn left through the second gate and drive down to the left (east) end of the beach. Alternately take Route 138 south from 128. After 0.8 mi. turn right at the traffic light at the bottom of the hill onto Washington Street. Follow Washington Street 4.4 mi. through the center on Canton and on to Cob's Corner (the fifth traffic light). At Cob's Corner turn right onto Route 27 and follow it to the center of Sharon. Turn left at the traffic light onto Billings Street and then right onto Pond Street.

There Will Be a Non-Point Dive on September 26 on the wreck of the *City of Salisbury*. We shall meet at Pemberton Pier at 9:00 AM. Let's hope for good weather; a similar event planned for last year was blown out.

The Nitrox Diving Course will be given by Paul Adler at 6:00 PM September 30 in the Emergency Management building. This will be followed, for those who wish, by two dives to complete the instruction in the use of the equipment. The date and time of the dives is yet to be decided. The cost of the entire course, which includes lecturers, textbook, and two dives will be \$202.00. The dives include rental of the specially cleaned tanks, fills, and a boat charter. It will also be possible to take the lectures without the dives, but this will not, of course, lead to nitrox certification. If a sufficient number of people sign up, the cost of the lectures and textbook only will be \$80.00. John Blackadar has the sign up sheet, so if you want to take the course sign up at one of the September meetings or call John.

PLANS FOR OCTOBER

The October Point Dive will be held at Lake Massapoag in Sharon on October 3. It will be combined with the Dive Team's annual practice sled run. This will be an opportunity for anyone who has not used the "sled" to try it out. It is really a lot of fun and certainly a way to cover a lot of bottom with a minimum of effort by the diver. We shall begin at 10:00 AM and continue until every one who wishes has had a chance to use the sled.

The Fourth Tuesday Event for October, October 26, will be an artifact show. Bring your favorite artifact to the clubhouse and compare it to other members' artifacts. Bring more than one if you wish. This is a show, not a contest, so there is no requirement that was collected this year or that it was collected in New England waters. Bring anything you wish!

One or Two More Charter Dives will probably be scheduled for October. Watch next month's news letter for details.

THE POOL

The Pool at the Lincoln Hancock School will again be available this Fall and Winter at 7:00 PM on Monday nights when school is in session. The first night will probably be September 13, but this has not been confirmed, so come to the first September meeting or call Tim Burke to make sure. October 11 is Columbus day, so there will be no pool session on that Monday.

RAFFLE

A Large Beautifully Framed Print of Boston Harbor in the mid nineteenth century will be raffled over a three month period. Tickets will be on sale for \$5.00 starting in September, and the drawing will be at the last meeting in November. The print was donated by Skip Weinrebe and can be seen in the clubhouse. It really makes an exceptionally fine prize; many thanks to Skip.

THE BAY STATE COUNCIL

The Bay State Council will be having a meeting at the SSN clubhouse at 8:00 PM on September 13. The club voted at the last July meeting to give the BSC permission to use the unused outside storage room as an office and for literature storage. The BSC will be replacing the door with something reasonably secure.

OTHER NEWS

The Club Banner is missing. Anyone who knows anything about it's whereabouts please get in touch with one of the officers. It is very large, and it is difficult to see how it could have gotten lost.

The Dive Team is in need of Coast Guard approved boat type life preservers to carry on the dive truck. Any one who has any extras please donate them to the team.

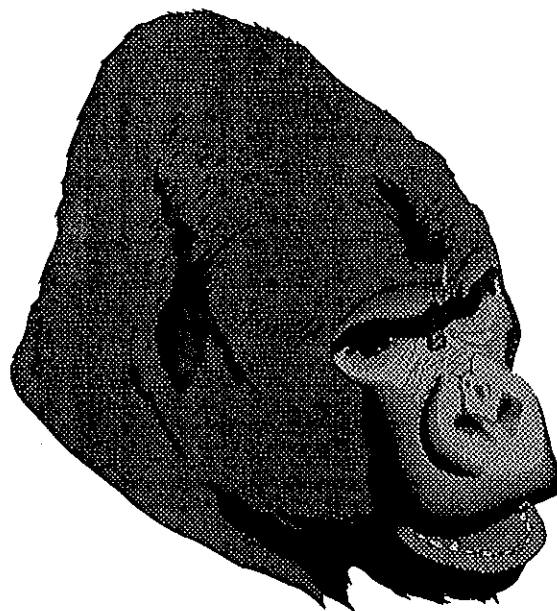
Shirts with the Club Seal are now for sale. Polo shirts are \$20.00 and "T" shirts \$10.00.

Plans for the 1994 Banquet must be made soon if we are to have a good choice of locations. Anyone with information about a good banquet hall please speak to Marty Blake who is chairman of the Banquet Committee.

NOTES FROM ALL OVER

Rumor Has It that Joe Mortland made an attempt to use the "Tom Guild Channel" east of Little Brewster. The result was that Joe ended up spending some money.

When You Throw Something can you hit the broad side of a boat? David Rodberg lost a very expensive Gorilla fin off Shag Rocks on the last day of July. Anyone diving off Shag Rocks please keep an eye out for it.



September, 1993

SUNDAY

MONDAY






TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

			1	2 HTB 00:29	3	4 HTB 00:26
5	6 Labor Day 	7 Regular Meeting 8:00 PM	8 HTB 04:37	9 Last Quarter	10	11 HTB 07:23
12  Point Dive, Lovell's Island Meet Pemberton Pier, 9:00 AM	13 Bay State Council Meeting, 8:00 PM SSN Clubhouse Pool: 7:00 PM	14 Board Meeting 8:00 PM	15 HTB 10:54 New Moon	16 Rosh Hashana	17 Charter Night Dive, Norwood Marina, 5:00 PM	18 HTB 01:01
19  Competition Dive Location to be Announced	20 Pool: 7:00 PM	21 Regular Meeting 8:00 PM	22 HTB 04:42 First Quarter Autumnal Equinox 8:22 PM EDT	23	24	25 HTB 07:58 Yom Kippur
26  Non-Point Dive City of Salsbury	27 Pool: 7:00 PM	28	29 HTB 11:06	30  Nitrox Course 6:00 PM EM Building Full Moon		

October, 1993

SUNDAY

MONDAY

TUESDAY




WEDNESDAY

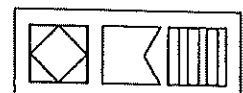
THURSDAY

FRIDAY

SATURDAY

HTB is the morning high tide at Boston in Daylight Saving Time.
Add (on the average) 35 minutes for the afternoon high,
53 minutes for the next day's high.

					1	2 HTB 00:41
3  Point Dive & Sled Run Lake Massapoag 10:00 AM	4 Pool: 7:00 PM	5 Regular Meeting 8:00 PM	6 HTB 03:20	7	8 Last Quarter	9 HTB 05:54
10	11  Columbus Day Pool Closed	12 Board Meeting 8:00 PM	13 HTB 09:37	14	15 HTB 11:18 New Moon	16
17	18 Pool: 7:00 PM	19 Regular Meeting 8:00 PM	20 HTB 03:23	21	22 First Quarter	23 HTB 06:28
24	25 Pool: 7:00 PM	26 Artifact Show, Clubhouse, 8:00 PM	27 HTB 09:53	28	29	30 HTB 11:45 Full Moon
31  Daylight Saving Time Ends Samhain (Halloween)						



**SOUTH SHORE
NEPTUNES, Inc.**
55 Sea Street
Quincy, MA 02169

PRESIDENT

Theodore Hotz
221 Vernon Street
Norwood, MA 02062
(617) 769-9043

VICE PRESIDENT

Viktor Benson
498 Elm Road
Walpole, MA 02081
(508) 668-7506

SECRETARY

F. Bruce Gerhard, Jr.
38 Spring Lane
Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:



Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership	\$10.00 per year
(to receive mailings only)	

DIVER'S HOT LINE

Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

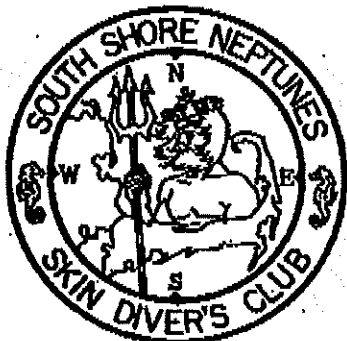
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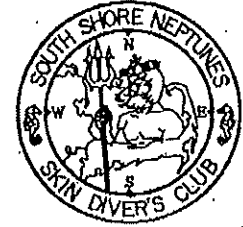


David Clancy
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SOUNDINGS

South Shore Neptunes' Newsletter

OCTOBER, 1993

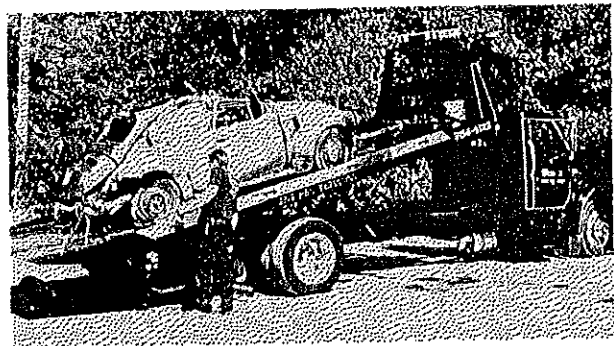


THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

LATE AUGUST & SEPTEMBER EVENTS

The Dive Team has been very busy of late. The *Lady Christine*, believe it or not, lost a second propeller, this time in Boston harbor near the aquarium. A search was made on August 29, and the indicated area was covered without finding it. The combination of zero visibility and heavy boat traffic made the search very difficult, and the Team does not plan to return. Immediately after the propeller search there was a call to go to Salem to search for a lost diver. Five divers went to Salem, and Tommy Lo found the body in 40 feet of water after a short search. This was a real coup for the Team because others had been searching (in the wrong place) for some time without success. The following Saturday, September 4, while the dive truck was on display at an EM meeting in Framingham, several members of the Team helped with a cleanup of the Neponset River. The project for the day was to remove two cars from the river. They had been in the river for a long time; your editor saw them there at least 15 years ago. Tom's Auto Transport of Sharon supplied four trucks and five men, and Jay Therault and Claude Crabbe hooked the cables to the vehicles. The first one, a VW Bug came out with only minor difficulty, but the second, a 1969 Oldsmobile Cutlass was much more work to get out. It was necessary to cut

brush to get it up the bank, and all the places suitable for hooking a cable were buried in the mud. It eventually came out, somewhat in pieces, after about three hours of work.



The VW Came out in One Piece.



What Do We Do Next?



The Oldsmobile in the Water.



Not Much Left after It Came out.

The Non-Point Dive at Sandwich Town Beach on August 29 was attended by Art Davies, who dove with a diver from Springfield.

The September Point Dive on September 12, which was originally scheduled for Lovel's Island, ended up on the *City of Salisbury*, just north of Graves Light. Four boats and fifteen divers attended, and it turned out to be an excellent dive. Ed Bates got a large number of lobsters, and Lou Batista got some artifacts from the wreck.

The Night Charter Dive on September 17 was canceled because of bad weather. It has been re-scheduled for October 1.

The Second Competition Dive of the season was held at Lake Massapoag on September 19. The snorkel event, picking up bottles and cans, etc. was won by Ed Bates, followed by Vik Benson and Dan Cloutier. The SCUBA event, assembling a "body" out of balloons and plastic bags was won by Jay Therault and Ed Bates, followed by Ken Kostok and Claude Crabbe and then by Dan Cloutier and Brian Driscoll.

There Was a Night Charter Dive on September 24. The weather was perfect, and Rich Fratto took six divers to the *Chester Pauling* off Gloucester. The wreck was beautiful at night with all the anemones out feeding. On the return trip a second dive was made off Nahant. The boat was back at the pier by 12:30 AM.

The Non-Point Dive on the *City of Salisbury* on September 26 did not take place because of poor weather. Ed Bates and Angelo Correnti went for a boat ride in rain and heavy seas, but did not dive. Nobody else appeared.

PLANS FOR OCTOBER

The October Point Dive will be held at Lake Massapoag in Sharon on October 3. It will be combined with the Dive Team's annual practice sled run. This will be an opportunity for anyone who has not used the "sled" to try it out. It is really a lot of fun and certainly a way to cover a lot of bottom with a minimum of effort by the diver. We shall begin at 10:00 AM and continue until everyone who wishes has had a chance to use the sled. To reach Lake Massapoag take Route I95 south to Exit 27 (Cony Street) follow Cony Street southeast toward Sharon. When Cony Streets meets Route 27 continue straight onto Route 27 and follow 27 into the center of Sharon. Go straight at the traffic light

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There Will Be One More Charter Night Dive on October 15. The meeting place will be Norwood Marine at 5:00 PM. The planned destination is Martin Ledge out beyond Shag Rocks. This should be a very fine dive if the weather cooperates. Speak to Dan Cloutier to make reservations.

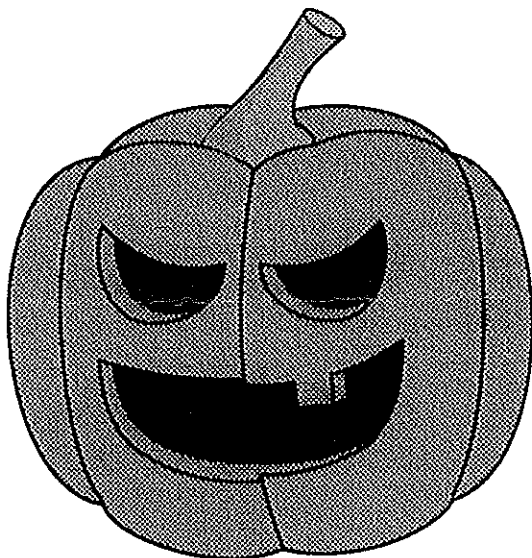
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SEAMARK will be held at the New England Aquarium on October 26 starting at 7:00 PM. This is an annual event, a Benefit for the Cotting School for handicapped children, put on by the diving community as a whole. It is both a worthy charity and a wonderful party. There will be music, dancing, refreshments, door prizes, raffles, a live mammal show, and a chance to see the Aquarium. Tickets are \$15.00 and can be obtained by writing to :

Attn. Diane Newark
The Cotting School
453 Concord Avenue
Lexington, MA 02173

The Annual River Run will be held on October 24. The meeting place will be Mary's Landing at on the North River at 10:00 AM. A shuttle will be arranged to take participants up stream to the starting point. As usual there will be a contest for the most spectacular float. Bring your wet (or dry) suit, a float, and anything you care to eat or drink on the way down. To reach Mary's Landing take Route 3 to Route 53 and turn left at the end of the ramp. Follow 53 past a block of stores and restaurants and turn right onto Route 123. Follow 123 for seven miles to

Route 3A and turn right onto 3A. In about a mile you will cross the North River, and Mary's Landing is on the right immediately after you cross the river. There is an old road which provides ample parking on the west side of 3A on the north side of the river, so after you unload drive back across the bridge to park. Please do not park at Mary's.



HALLOWEEN falls on a Sunday this year, and Marty & Marie Blake will again be hosting a party for the club. Costumes are encouraged, but not required. The traditional prizes will be awarded by the club for the best costumes. BYOB, and, if you wish, some pastries or sweets. The party will begin at 7:00 PM on Sunday, October 31. To reach the Blakes' house turn northeast onto Commercial Street from Route 53 at the center of Weymouth. It is the first left after you cross the Fore River on 53 coming from the north. After 0.9 mi. turn right onto Harding Avenue. At the end of Harding turn left onto Roosevelt Road. The house is number 238 on your left.

PLANS FOR NOVEMBER

The Final Competition Dive of the season will be held at Hathaway Pond on November 7 at 10:00 AM. To reach Hathaway Pond take Route 3 south and cross the Sagamore Bridge. Go straight and you will be on Route 6. Follow 6 for 12 miles to Route 123 to Hyannis. Turn right at the bottom of the ramp and continue for about a mile to the first traffic light. Turn left at the light and the entrance to Hathaway pond will be on your left in about half a mile.

The November Point Dive will be held at Marblehead Light at 10:00 AM on November 21. Meet for breakfast and car pooling at the Suisse Chalet on Morrissey Boulevard in Dorchester at 8:00 AM. To reach Marblehead Light from the South go through the Callahan Tunnel and follow Route 1a to Route 129 near the Lynn-Swampscott line. Turn right onto 129 and follow it about four miles through Swampscott and into Marblehead. Route 129 is Eastern Avenue, then Humphrey Street, then Atlantic Avenue. At the end of 129 turn right onto Ocean Avenue and follow it across the causeway onto Marblehead Neck. Bear left at the end of the causeway and follow Harbor Avenue to the north end of Marblehead Neck.

AND DECEMBER . . .

The December Point Dive will be held at Strawberry Point, Scituate at 10:00 AM on December 5. Meet for breakfast at 8:00 AM at the Gannet Grill in Scituate.

The Annual Club Elections will be held at the second regular meeting of December, December 21 with nominations first opened on December 7. It is not too soon to start thinking about whom you would like to see as officers for 1994.

THE POOL

The Pool at the Lincoln Hancock School will again be available this Fall and Winter at 7:00 PM on Monday nights when school is in session. This a good opportunity to test new equipment, brush up on some of your skills, or watch the rugby players. October 11 is Columbus day, so there will be no pool session on that Monday.

RAFFLE

A Large Beautifully Framed Print of Boston Harbor in the mid nineteenth century will be raffled over a three month period. Tickets are now on sale for \$5.00, and the drawing will be at the last meeting in November. The print was donated by Skip Weinrebe and can be seen in the clubhouse. It really makes an exceptionally fine prize; many thanks to Skip.

NEW MEMBERS

During September Paula and Richard Dronzek were voted new members of the club. Welcome!

OTHER NEWS

Plans for the 1994 Banquet must be made soon if we are to have a good choice of locations. Anyone with information about a good banquet hall please speak to Marty Blake who is chairman of the Banquet Committee.

Cellular Telephones will soon be available at discount prices to Dive Team members who are sworn in and possibly to other club members at a later date. If a sufficient number of people sign up there will be NYNEX service at the group rate of \$11.00 per month plus \$0.39/minute during peak hours and \$0.29 during off peak hours. Peak hours are 7:00 AM to 7:00 PM, Monday through Friday. These rates require the purchaser to sign a one year contract. If you already own an instrument, any necessary conversion is free, and if you need to purchase one, substantial discounts are available. Call Joe Gomes at (508) 697-6829 for details and to sign up. If he is not there, leave a message on his answering machine.

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B & M Distributors of East Providence, RI is offering club members substantial discounts on diving equipment. Speak to Dan Cloutier or to one of the officers for details.

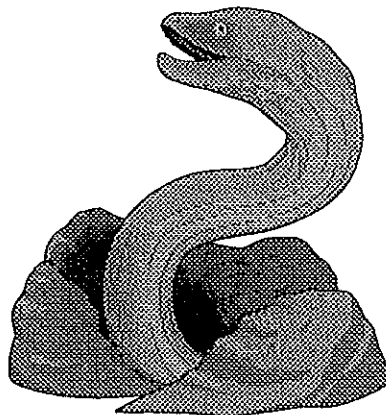
Congratulations to Jill and Tom Madigan on the birth of their daughter.

It Is with Great Sadness that we announce that Kelly Burke lost her baby. We all offer our profoundest sympathies to Kelly and Tim.

For Sale: Miscellaneous diving equipment: some used, some new. Call Joe Gomes at (508) 697-6829.

SAMHAIN

Samhain was the name of the ancient Celtic (and probably also Norse) festival which took place forty days after the autumnal equinox. The ancient Celts considered it to be the first day of winter. Their custom was to put out food to propitiate the evil spirits and thus obtain good luck for the following year. Very quickly the children learned that if they impersonated the evil spirits, they could obtain the food. This was the origin of "trick or treating" and it all took place at least 3000 years ago. It is difficult to think of any other custom that has persisted for so long. When the early Christian missionaries converted the Celts and the Norse they judged it better to take over the local festivals than to try to make the local people stop celebrating them. Thus as Yule became Christmas, Samhain was replaced by All Saint's Day. Somehow they made All Saints Day a day later, and the Samhain tradition has persisted on the eve of All Saints, All Hallows Eve.



October, 1993

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

					1 Charter Night Dive, Norwood Marine, 5:00 PM	2 HTB 00:41
3 Point Dive & Sled Run Lake Massapoag 10:00 AM	4 Pool: 7:00 PM	5 Regular Meeting 8:00 PM	6 HTB 03:20	7	8 Last Quarter	9 HTB 05:54
10	11 Columbus Day Pool Closed	12 Board Meeting 8:00 PM	13 HTB 09:37	14	15 HTB 11:18 Charter Night Dive, Norwood Marine, 5:00 PM New Moon	16
17	18 Pool: 7:00 PM	19 Regular Meeting 8:00 PM	20 HTB 03:23	21	22 First Quarter	23 HTB 06:28 SEAMARK
24 River Run Mary's Landing 10:00 AM	25 Pool: 7:00 PM	26 Artifact Show, Clubhouse, 8:00 PM	27 HTB 09:53	28	29	30 HTB 11:45 Full Moon
31 Daylight Saving Time Ends Samhain (Halloween) Marty Blake's Party	HTB is the morning high tide at Boston in Daylight Saving Time before 31 October, Eastern Standard Time after 31 October. Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.					

November, 1993

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

	1 Pool: 7:00 PM All Saints Day	2 Election Day	3 HTB 01:14	4	5	6 HTB 03:34
7 Competition Dive Hathaway Pond 10:00 AM Last Quarter	8 Pool: 7:00 PM	9	10 HTB 07:16	11 Veterans Day	12	13 HTB 09:55 New Moon
14	15 Pool: 7:00 PM	16	17 HTB 01:09	18	19	20 HTB 03:52 First Quarter
21 Point Dive Marblehead Light 10:00 AM	22 Pool: 7:00 PM	23	24 HTB 07:28	25 Thanksgiving Day	26	27 HTB 09:35
28	29 Pool: 7:00 PM Full Moon	30				



*Behind him lay the grey Azores,
Behind the Gates of Hercules,
Before him not a ghost of shores.
Before him only shoreless seas. . .*

**SOUTH SHORE
NEPTUNES, Inc.**
55 Sea Street
Quincy, MA 02169

PRESIDENT

Theodore Hotz
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Norwood, MA 02062
(617) 769-9043

VICE PRESIDENT

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38 Spring Lane
Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:



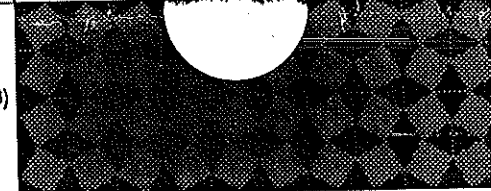
Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership (to receive mailings only)	\$10.00 per year

DIVER'S HOT LINE

Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

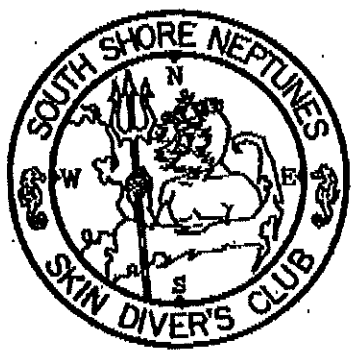
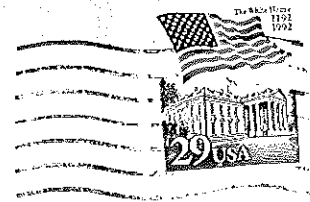
To learn more about the club's activities and membership please feel free to call one of the club's officers, or call John Blackadar at (617) 826-4696.

<p>Acton SCUBA</p>  <p>452 Great Road (Rt. 2A) Acton, MA 01720</p> <p>Tel. (508) 263-1611 Toll Free (800) 696-7282 Fax (508) 371-0972</p>		<p>waterworks</p> <p>Underwater Instruction Private Scuba Instruction Underwater Photography Search & Recovery</p> <p>Bill VanderClock PO Box 1062 Waltham, MA 02254 (508) 657-6431</p>
<p>AQUA LUNG CENTER</p>  <p>SALES DIVING CLASSES REPAIRS TRAVEL</p> <p>Don Scallii</p> <p>Air Fills \$2.00</p> <p>(617) 322-6291 (617) 321-8830 38 Lebanon Street, Malden, MA. 02148</p>		<p>DIVER'S MARKET SCUBA CENTER</p> <p>Wayne Gomer</p> <p>319 Court Street (Route 3a) Plymouth, MA 02360</p> <p>Just off Route 3 South at Exit 7 A New Larger Store</p> <p>(508) 746-DIVE (508) 746-3483</p> <p>AIR STATION SALES RENTALS CHARTERS HYDRO</p>
<p>SOUTH SHORE SKINDIVERS</p> <p>147 Bridge St. (Rt. 3A) No. Weymouth, MA 02191 (617) 331-1144</p> <p>788 Washington St. (Rt.53) Hanover, MA 02339 (617) 829-0050</p>		
<p>WE TEACH SCUBA</p> <p>SSI INSTRUCTOR TRAINING FACILITY NAUI PRO FACILITY PADI - YMCA TAUGHT YEAR ROUND</p>	<p>PRO • DIVERS</p> <p>★★★★ U.S.A. ★★★★★</p> <ul style="list-style-type: none"> • Group Dive Travel • All Major Brands • Rentals • Service-In-House • Financing Available <p>STORE OWNED DIVE CHARTER BOAT CAPT RICH FRATTO OWNER/OPERATOR OPEN 7 DAYS CONVENIENT LOCATION - EXIT 68 FROM RT 128 236 WOOD ROAD BRAINTREE, MA 02184</p> <p>848-4990</p>	<p>UNITED DIVERS</p> <p>JIM ESTABROOK</p> <p>SNORKELING & SCUBA DIVING CLASSES ALL YEAR ROUND LEARN ON A WEEKEND</p> <p>AIR • SALES RENTALS • REPAIRS UNDERWATER VIDEO SPECIALISTS</p> <p>623-DIVE (623-3483) 666-0410 FAX (617) 776-7986</p> <p>59 WASHINGTON STREET SOMERVILLE, MA 02143</p> <p>SCUBAPRO VIKING BODY GLOVE ACTION PLUS PARKWAYS MAYES SEA QUEST SHERWOOD DUI TUSA</p>

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David Clancy
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Fort Lauderdale, FL 33312

SOUNDINGS

South Shore Neptunes' Newsletter

NOVEMBER, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

OCTOBER EVENTS

The Night Charter Dive of October 1 was aborted at the site because of heavy seas. The divers then had a wild ride back to the pier — all for nothing!

The October Point Dive and sled run at Lake Massapoag on October 3 was attended by about 18 divers. The weather was bad in the beginning, but later cleared. Two anchors were recovered from the lake.

The Night Charter Dive of October 15 was canceled because of both bad weather and boat problems.

The Nitrox Course, which began with a classroom session on September 30, was completed on October 23. It all began at 7:00 AM with an additional classroom session, which was followed by a written examination. We then went to Granite Rail Quarry for the two dives on nitrox, the first to 120 feet and the second, after a surface interval, to 90 feet. Seven divers completed the course, and two or three others, who were unable to attend on the 23rd, will complete it when they can. It was a very interesting experience, and every one learned a lot. Many thanks to Paul Adler for teaching the course and for giving us a really excellent price.

Seamark, the diving community's benefit for the Cotting School for handicapped children was held at the New England Aquarium on October 23. As usual it was a very fine party, and it included an excellent presentation by two people from Nikon. The attendance, however, was somewhat disappointing; there seemed to be less people than usual there, and your editor counted only seven Neptunes.

The River Run on October 24 was attended by only 5 SSN members, not a very good showing. They were joined by 4 non-members including an 11 year old boy. The weather was beautiful, and it took exactly two hours to drift from Bridge Street to Mary's Landing. Bill Schwabe had what was un-

questionably the best and most spectacular float. Thanks are due to Don DiTullio for providing taxi service between the starting and ending points. Those who attended thoroughly enjoyed it, and after the run went to Ed Bates' house for a cookout which they also thoroughly enjoyed.

The Artifact Night Dive on October 26 was attended by only six members, somewhat of a disappointment. Afterward a few went to Alfredo's for some good food and talk.

The Dive Team is still at work. During October Tommy Lo and Lou Batista cleared a fouled propeller for the Coast Guard.

PLANS FOR NOVEMBER

The Final Competition Dive of the season will be held at Hathaway Pond on November 7 at 10:00 AM. To reach Hathaway Pond take Route 3 south and cross the Sagamore Bridge. Go straight and you will be on Route 6. Follow 6 for 12 miles to Route 132 to Hyannis. Turn right at the bottom of the ramp and continue for about a mile to the first traffic light. Turn left at the light and the entrance to Hathaway pond will be on your left in about half a mile. It is the third dirt road on the left.

A Bicycle Auction will be held at the Quincy Emergency Management Garage behind the Police Station at on Saturday, November 13. The bicycles can be viewed starting at 10:00 AM, and the auction will begin at 11:00 AM. Proceeds will be used to purchase radio equipment for the EM Teams, and all sales are for cash and final. Bicycles to be auctioned range from almost new to some in need of repairs, but there are always some excellent buys.

The November Point Dive will be held at Marblehead Light at 10:00 AM on November 21. Meet for breakfast and car pooling at the Suisse

Chalet on Morrissey Boulevard in Dorchester at 8:00 AM. To reach Marblehead Light from the South go through the Callahan Tunnel and follow Route 1a to Route 129 near the Lynn-Swampscott line. Turn right onto 129 and follow it about four miles through Swampscott and into Marblehead. Route 129 is Eastern Avenue, then Humphrey Street, then Atlantic Avenue. At the end of 129 turn right onto Ocean Avenue and follow it across the causeway onto Marblehead Neck. Bear left at the end of the causeway and follow Harbor Avenue to the north end of Marblehead Neck.

The Drawing for the Framed Print of Boston Harbor in the mid nineteenth century will be held at the regular meeting of November 16. Tickets are \$5.00, and will be on sale until the drawing. The print was donated by Skip Weinrebe and can be seen in the clubhouse. It really makes an exceptionally fine prize; many thanks to Skip.

AND DECEMBER . . .

The December Point Dive will be held at Strawberry Point, Scituate at 10:00 AM on December 5. Meet for breakfast at 8:00 AM at the Gannet Grill in Scituate. To reach Strawberry Point take Route 3A south from Quincy to H.T. Bailey Road, the first left after you enter Scituate. (Turn left at the Golden Rooster sign.) This will become Gannet Street. Follow it to the end and turn left onto Glades Road. Follow Glades Road to the end where there is a gate. Go through the gate and continue to Strawberry Point.

The Annual Club Elections will be held at the second regular meeting of December, December 21, with nominations first opened on December 7. It is not too soon to start thinking about whom you would like to see as officers for 1994. There will be a raffle on election night as there has been the last few years. If any members are willing to donate prizes it will be much appreciated.

THE POOL

The Pool at the Lincoln Hancock School will again be available this Fall and Winter at 7:00 PM on Monday nights when school is in session. This a good opportunity to test new equipment, brush up on some of your skills, or watch the rugby players.

NEW MEMBER

During October Gerald Levine was voted a new member of the club. Welcome!

GET YOUR POINTS!

The Competition Season is fast coming to a close, so those trying for Diver-of-the-Year or Rookie-of-the-Year should take advantage of what remains. One more competition, two more point dives, four more meetings, *and that is it!*

DUES AND WAIVERS

1994 Dues can be paid now if you wish. Dues for each year are really due by January 1 of that year, but the club traditionally allows them to be paid by the second meeting of January before late fines are assessed. Members who want to run for office must have dues paid before they can accept nominations, and all members should really make an effort to have dues paid before the first of the year. If a controversial issue arises during January, members must be in good standing before they can participate in the debate and vote, and that means dues paid and waivers properly submitted. Over the past few years we have been lax about enforcing the rules concerning dues and waivers, and this has not been good for the club, so this year we shall enforce the rules. Late fines begin with \$5.00 if dues are not paid by the second meeting in January and increase by \$2.00 for each month they are not paid after that. About the time of the Outing it becomes less expensive to start over and join the club again as a new member. If any member owes the club money, anything he/she pays goes *first* to pay the debt and then to pay dues. This means that dues cannot be accepted until all debts to the club are paid. Any member with a financial hardship should speak to the president. Special arrangements can be made in these cases.

Risk Release Waivers are also a condition of membership and a properly executed waiver must be submitted with the dues. Here again we have been lax, but shall no longer be so. All regular members *must* submit properly completed waivers with their dues, and any life or corresponding members who wish to participate in club activities must submit them also.

OTHER NEWS

Club Shirts are now available. They are very attractive polo shirts with pockets and the club seal, and can be purchased for \$20.00. *Attention wives and other relatives of members!* What could be a better Christmas present for a club member! To purchase a shirt or for more information call Ed Bates at (617) 335-3522.

Plans for the 1994 Banquet must be made soon if we are to have a good choice of locations. Anyone with information about a good banquet hall please speak to Marty Blake who is chairman of the Banquet Committee.

The Dive Truck now has a cellular phone. The number is (617) 645-0373. When the truck is out at a recovery or practice dive team members can be reached at this number.

Cellular Telephones will soon be available at discount prices to Dive Team members who are sworn in and possibly to other club members at a later date. If a sufficient number of people sign up there will be NYNEX service at the group rate of \$11.00 per month plus \$0.39/minute during peak hours and \$0.29 during off peak hours. Peak hours are 7:00 AM to 7:00 PM, Monday through Friday. These rates require the purchaser to sign a one year contract. If you already own an instrument, any necessary conversion is free, and if you need to purchase one, substantial discounts are available. Call Joe Gomes at (508) 697-6829 for details and to sign up. If he is not there, leave a message on his answering machine.

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For Sale: Miscellaneous diving equipment: some used, some new. Call Joe Gomes at (508) 697-6829.

NOTES FROM ALL OVER: SEA LICE

Swimmers and Divers in south Florida and the Caribbean have, over the past several years, developed an acute dermatitis following ocean activities. The condition, known as "sea lice", increased dramatically in severity and frequency in 1992. It is estimated that 10,000 persons developed the condition in south Florida in 1992. The season extends from March to August and peaks in May. The symptoms take the form of welts on the skin, primarily in areas covered by bathing suits. Surfers develop the welts on the chest and abdomen which are in contact with the surf board, and divers get them under swim fins. The welts usually develop within 24 hours after ocean exposure and usually go away spontaneously in 3 to 5 days. The welts are usually accompanied by pain, itching, and local skin reactions. It has recently been shown that this condition is caused by the larvae of the "thimble jellyfish", *Linuche unguiculata*. Adult *Linuche* are brown and measure 5 to 20 mm., while the larvae measure only 0.5 mm. and are scarcely visible. The term "sea lice" is a misnomer; real sea lice are fish parasites, so the term "seabather's eruption" or SE is better. Methods of prevention include: a. Staying out of the water when *Linuche* are present, b. Wearing a wet suit with tight cuffs, and c. Skinny dipping.

This article is based on the paper "Clinical Perspectives on Seabather's Eruption, Also Known as 'Sea Lice'", Robert S. Tomchick, M.D. et al, Journal of the American Medical Association, April 7, 1993, pp. 1669-1672.

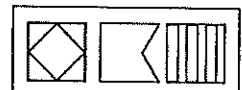


November, 1993

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28 Total Lunar Eclipse Begins 11:40 PM	29 Pool: 7:00 PM Lunar Eclipse Ends 3:12 AM Full Moon	30	HTB is the morning high tide at Boston in Eastern Standard Time. Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.			

December, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 HTB 00:10	2	3	4 HTB 02:20
5 Point Dive Strawberry Point 10:00 AM	6 Pool: 7:00 PM Last Quarter	7 Regular Meeting 8:00 PM Nominations Open	8 HTB 05:55	9 First Day of Hanukkah	10	11 HTB 08:43
12	13 Pool: 7:00 PM New Moon	14 Board Meeting 8:00 PM	15 HTB 00:01	16	17	18 HTB 02:26
19	20 Pool: 7:00 PM First Quarter	21 Annual Meeting 8:00 PM Election of 1994 Officers	22 HTB 05:49	23	24	25 HTB 08:17 Christmas Day
26	27	28 Full Moon	29 HTB 11:10	30	31 HTB 00:28	



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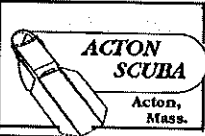
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Acton SCUBA



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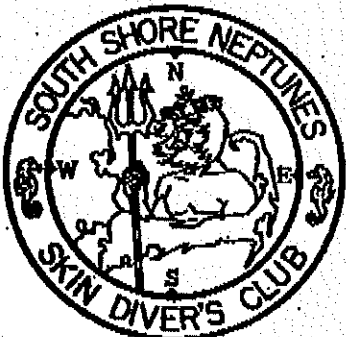
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Booster Listings - \$25 Per Calendar Year

South Shore Neptunes

55 Sea Street
Quincy, Massachusetts 02169



David Clancy
1466 Southwest 18th Terrace
Fort Lauderdale, FL 33312



SOUNDINGS

South Shore Neptunes' Newsletter

DECEMBER, 1993



THIRTY-FIFTH ANNIVERSARY 1958 -- 1993

PAST EVENTS

Marty and Marie Blake held a Halloween party for the club on October 30. There was a good turnout of 35 to 40 people, about 60% in costumes. There was plenty of food, and everyone had a good time. Many thanks to Marty and Marie.

The Last Competition Dive of the season was held at Hathaway Pond on November 7. The snorkel event, picking up thumb tasks and putting them in a board, was won by Vik Benson with Art Davies second and Angelo Correnti third. The SCUBA event, a compass course and assembling a Christmas tree from a kit, was won by Jay Therault and Ed Bates with Vik Benson and Fred Goforth second and Tom Guild and Leo Kenan third. A total of 10 divers participated. After the dive everyone went to Dale Saad Duncanson's house for a good party with a lot of good food. Many thank to Dale for entertaining the membership.

A Diving & Shipwreck Symposium was held at the Naval War College in Newport on November 13. Several SSN members and friends attended. Bob Cimbrola, formerly curator of the museum in Fall River, is now curator of the museum at the Naval

War College in Newport, and he had organized the symposium. Most of the talks were given by Navy people and included presentations Navy Diving & Salvage, East Coast Submarine Wrecks, the Navy Seals, Explosive Ordinance Disposal, the Naval Experimental Diving Unit, and Imaging on the Lusitania. It made an excellent day, and we are looking forward to future symposia in the same location.

The Drawing for the Framed Print of Boston Harbor was held at the regular meeting on November 16, and Fred Goforth was the winner. The print was donated by Skip Weinrebe; thanks again to Skip.

The November Point Dive was held at Marblehead Light on November 21. The sea was flat, the water not too cold, and the visibility about 15 feet. Twelve divers participated, and ten lobsters were taken. Art Davies got 50 to 60 pounds of scallops — almost a full bag. He then found out that home made lift bags do not always work as well as expected. One diver had some difficulty following his compass. Some people evidently need more practice with a compass — something the 1994 Competition Director might keep in mind.

BAY STATE COUNCIL OF DIVERS <small>65 Sea Street, Quinoy, MA 02169</small>		
Membership or Renewal Application		
<input type="checkbox"/> New Membership	<input type="checkbox"/> Renewal	<input type="checkbox"/> Address Change
Name _____		
Street _____		
City/State/Zip _____		
() _____		
Phone _____		
Dive Club Affiliation _____		
Membership Fee: \$5.00 per Year.		

PLANS FOR DECEMBER

The December Point Dive will be held at Strawberry Point, Scituate at 10:00 AM on December 5. Meet for breakfast at 8:00 AM at the Gannet Grill in Scituate. To reach Strawberry Point take Route 3A south from Quincy to H.T. Bailey Road, the first left after you enter Scituate. (Turn left at the Golden Rooster sign.) This will become Gannet Street. Follow it to the end and turn left onto Glades Road. Follow Glades Road to the end where there is a gate. Go through the gate and continue to Strawberry Point.

The Annual Club Elections will be held at the second regular meeting of December, December 21, with nominations first opened on December 7. Please try to come to the meetings with an idea about whom you would like to see as officers for 1994. There will be a raffle on election night as there has been the last few years. If any members are willing to donate prizes it will be much appreciated. Finally, after the elections there will be pizza for all. Come and enjoy the pizza and see some old friends you haven't seen since last year!

PLANS FOR JANUARY

The Annual Sober-Up Dive will be held at Pleasure Bay, South Boston, on New Year's Day at 10:00 AM. To get to Pleasure Bay leave the Southeast Expressway at Columbia Rd. and head east. Go half way around the rotary, and then past the MDC police station to Day Blvd. Follow Day Blvd. along the water till you reach the parking lot on the right at the beginning of the causeway. If you plan on lobstering, be sure to have your numbers on your flag, and your license handy. After the dive there Bill and Marlene Walker have been kind enough to invite the club to

their house. To reach the Walkers' take Exit 15, the Derby Street exit from Route 3. If you are headed south turn right at the end of the ramp and head toward Weymouth. After 200 yards turn left onto Tamarack Trail. This will be the first street after the "Entering Weymouth" sign. The Walkers' house is the first on the left, number 6, painted beige. Bill has promised to put a dive flag on the fence.

AND FOR FEBRUARY . . .

The Annual Awards Banquet will be held at the Quincy Yacht Club on February 5 with Domenic as caterer and the "Hit Man" as DJ. The menu will include both roast beef and chicken and the ticket price will be \$20.00 per person. Every one should plan to attend. It is always a good party: fun, food, dancing, and another chance to see old friends.

THE POOL

The Pool at the Lincoln Hancock School will again be available this Winter at 7:00 PM on Monday nights when school is in session. This a good opportunity to test new equipment, brush up on some of your skills, or watch the rugby players.

NEW MEMBER

During November Michael MacIntyre was voted a new member of the club. Welcome!

DUES AND WAIVERS

1994 Dues can be paid now if you wish. Dues for each year are really due by January 1 of that year, but the club traditionally allows them to be paid by the



*Sunset over the
Fore River.*

second meeting of January before late fines are assessed. Members who want to run for office must have dues paid before they can accept nominations, and all members should really make an effort to have dues paid before the first of the year. If a controversial issue arises during January, members must be in good standing before they can participate in the debate and vote, and that means dues paid and waivers properly submitted. Over the past few years we have been lax about enforcing the rules concerning dues and waivers, and this has not been good for the club, so this year we shall enforce the rules. Late fines begin with \$5.00 if dues are not paid by the second meeting in January and increase by \$2.00 for each month they are not paid after that. About the time of the Outing it becomes less expensive to start over and join the club again as a new member. If any member owes the club money, anything he/she pays goes *first* to pay the debt and then to pay dues. This means that dues cannot be accepted until all debts to the club are paid. Any member with a financial hardship should speak to the president. Special arrangements can be made in these cases.

Risk Release Waivers are also a condition of membership and a properly executed waiver must be submitted with the dues. Here again we have been lax, but shall no longer be so. All regular members *must* submit properly completed waivers with their dues, and any life or corresponding members who wish to participate in club activities must submit them also. A waiver form is included in this newsletter for your convenience.

Bay State Council Dues are also due the first of the year. The Council dues are \$5.00, but the club will pay \$2.00 of any regular member's Council dues, so those paying club dues by mail need only to increase the amount by \$3.00 (a total of \$33.00) and fill out the enclosed Council renewal application to take care of both obligations at the same time. Remember that the BSC is the only organization in the area that fights for divers' legal rights; without the BSC we may very well get legislated out of the water completely! Last year the North Shore Frogmen put us to shame in terms of the number of members who joined the Council. Let's not let that happen again!

CHILDREN'S CHRISTMAS PARTY

In Past Years the Club has held as children's Christmas party, but the practice was suspended because for a time few of the members had small children. Now again we have a lot of members with small children, so if there is sufficient interest we shall

revive the party. If there is a party it will be held on a Saturday or Sunday from 1:00 to 3:30 PM at the Emergency Management Building. Any parents who would be interested in bringing their children please call John Blackadar at (617) 826-4696 or Ted Hotz at (617) 769-9043 (or any of the club officers). About 15 children are necessary to make it worthwhile, so if we do not get a sufficient number of calls there will be no party!

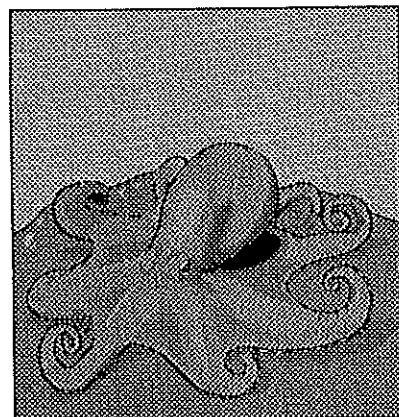
OBITUARY

John R. Damon, a former member of the club, was killed in an automobile accident in Raynham on November 17. According to the newspaper report a car traveling in the opposite direction jumped the center strip and hit him head-on. John had not been a member of the club for several years, but he attended many of the club parties and always participated in the New Years' Day dive, so most members have met him at one time or another. We all extend our profoundest sympathies to John's family. Any one wishing to remember John can make a contribution to the Heart Fund.

OTHER NEWS




Club Shirts are now available. They are very attractive polo shirts with pockets and the club seal, and can be purchased for \$20.00. *Attention wives and other relatives of members!* What could be a better Christmas present for a club member! To purchase a shirt or for more information call Ed Bates at (617) 335-3522.

The Dive Truck now has a cellular phone. The number is (617) 645-0373. When the truck is out at a recovery or practice dive team members can be reached at this number.



December, 1993

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

			1 HTB 00:10	2	3	4 HTB 02:20
5 Point Dive Strawberry Point 10:00 AM 	6 Pool: 7:00 PM Last Quarter	7 Regular Meeting 8:00 PM Nominations Open	8 HTB 05:55	9 First Day of Hanukkah 	10	11 HTB 08:49
12	13 Pool: 7:00 PM New Moon	14 Board Meeting 8:00 PM	15 HTB 00:01	16	17	18 HTB 02:26
19	20 Pool: 7:00 PM First Quarter	21 Annual Meeting 8:00 PM Election of 1994 Officers	22 HTB 05:49	23	24	25 HTB 08:17  Christmas Day
26	27	28 Full Moon	29 HTB 11:10	30	31 HTB 00:28	

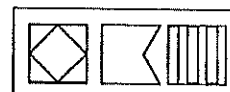
January, 1994

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

HTB is the morning high tide at Boston in Eastern Standard Time.
Add (on the average) 35 minutes for the afternoon high, 53 minutes for the next day's high.

1 HTB 01:11
New Year's Day
Sober-up Dive
Pleasure Bay
10:00 AM
Party at Walkers'

2	3 Pool: 7:00 PM	4 Regular Meeting 8:00 PM Last Quarter	5 HTB 04:32	6	7	8 HTB 07:31
9	10 Pool: 7:00 PM	11 Board Meeting 8:00 PM New Moon	12 HTB 11:07	13	14	15 HTB 01:12
16	17 Martin Luther King Day No Pool	18 Regular Meeting 8:00 PM	19 HTB 04:10 First Quarter	20	21	22 HTB 06:46
23	24 Pool: 7:00 PM	25	26 HTB 10:01	27 Full Moon	28	29 HTB 00:02
30	31 Pool: 7:00 PM					



SOUTH SHORE NEPTUNES, INC.
DIVER INFORMATION AND ASSUMPTION OF RISK,
RELEASE AND HOLD HARMLESS AGREEMENT

Name: _____ Date of Birth: _____

Address: _____

Phone: (Day) _____ (Evening) _____

Membership date: _____

Certifying agency: _____ Cert. #: _____ Date: _____

Certification level: _____ Years Diving: _____

Approximate number of dives: _____

**Please enclose a photocopy of both sides of your "C" card.*

IN CONSIDERATION OF being permitted to engage in any one or all of the following activities with the South Shore Neptunes, Inc., including, but not limited to: scuba diving, skin diving, swimming, fishing, specimen collecting, competition dives, outings, meetings, functions, and transportation:

(i) I hereby assume the risk of injury, death, or damage to property which I may suffer in the course of engaging in any such activities.

(ii) I hereby release the South Shore Neptunes, Inc., its officers, directors, employees, or members from any liability for injury, death, or damage to property which I may suffer in the course of engaging in such activities, resulting from any cause whatsoever, including the negligence of the South Shore Neptunes, Inc., its officers, directors, employees, or members.

(iii) I hereby agree to indemnify, defend, and hold harmless the South Shore Neptunes, Inc., its officers, directors, employees, and members for and against any claims made against them or any of them by any third party for personal injury, death, of property damage arising in any way out of my engaging in such activities.

(iv) I have read and understood, and hereby agree to abide by, the diving rules of the South Shore Neptunes, Inc..

Name: (Print) _____

(Signature) _____

Witness: _____ Date: _____

**SOUTH SHORE
NEPTUNES, Inc.**
55 Sea Street
Quincy, MA 02169

PRESIDENT

Theodore Hotz
221 Vernon Street
Norwood, MA 02062
(617) 769-9043

VICE PRESIDENT

Viktor Benson
498 Elm Road
Walpole, MA 02081
(508) 668-7506

SECRETARY

F. Bruce Gerhard, Jr.
38 Spring Lane
Canton, MA 02021-1715
(617) 828-3678

TREASURER

Kelly Burke
29 Berlin Street #4
Quincy, MA 02170
(617) 472-6949

MEETINGS

REGULAR MEMBERSHIP MEETINGS First and third Tuesday of each month at 8:00 PM.

BOARD OF DIRECTORS MEETING Second Tuesday of each month at 8:00 PM.

Members, applicants for membership and other interested parties are invited to attend all Membership and Board of Directors meetings. All meetings are held at the Quincy Emergency Management Dive Team headquarters building at the corner of Quarry and Joyce Streets in Quincy. To reach the building take the Furnace Brook Parkway exit from the Southeast Expressway and follow Furnace Brook Parkway to Quarry Street (at the second set of traffic lights). Turn left onto Quarry Street and travel one short block to Joyce Street. The Dive Team headquarters is the small stone building on the right.

MEMBERSHIP INFORMATION

Membership is open to all sport divers and other interested persons. Application for membership can be made at any Membership or Board of directors meeting. Membership applicants are required to attend at least one Board of Directors meeting. Membership fees are:



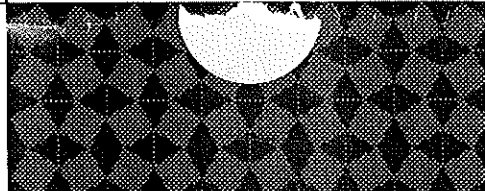
Regular member dues	\$30.00 per year
Initiation fee	\$25.00 one-time charge
Corresponding membership	\$10.00 per year
(to receive mailings only)	

DIVER'S HOT LINE

Looking for a diving buddy? To find out who is diving when and where call Angelo Correnti at (617) 391-1034.

ADDITIONAL INFORMATION

To learn more about the club's activities and membership please feel free to call one of the club's officers, or call John Blackadar at (617) 826-4696.

<p>Acton SCUBA</p>  <p>452 Great Road (Rt. 2A) Acton, MA 01720</p> <p>Tel. (508) 263-1611 Toll Free (800) 696-7282 Fax (508) 371-0972</p>		<p>waterworks</p> <p>Underwater Instruction Private Scuba Instruction Underwater Photography Search & Recovery</p> <p>Bill VanderClock PO Box 1062 Waltham, MA 02254 (508) 657-6431</p>
<p>AQUA LUNG CENTER</p>  <p>SALES DIVING CLASSES REPAIRS TRAVEL</p> <p>Don Scalli</p> <p>Air Fills \$2.00</p> <p>(617) 322-6291 (617) 321-8830 38 Lebanon Street, Malden, MA. 02148</p>		<p>DIVER'S MARKET SCUBA CENTER</p> <p>Wayne Gomer</p> <p>319 Court Street (Route 3a) Plymouth, MA 02360</p> <p>Just off Route 3 South at Exit 7 A New Larger Store</p> <p>(508) 746-DIVE (508) 746-3483</p> <p>AIR STATION SALES RENTALS CHARTERS HYDRO</p>
<p>SOUTH SHORE SKINDIVERS</p> <p>147 Bridge St. (Rt. 3A) No. Weymouth, MA 02191 (617) 331-1144</p> <p>788 Washington St. (Rt.59) Hanover, MA 02339 (617) 829-0050</p>		<p>UNITED DIVERS</p> <p>JIM ESTABROOK</p> <p>SNORKELING & SCUBA DIVING CLASSES ALL YEAR ROUND LEARN ON A WEEKEND</p> <p>623-DIVE (623-3483) 666-0410 FAX (617) 776-7986 59 WASHINGTON STREET SOMERVILLE, MA 02143</p> <p>SCUBAPRO VIKING BODY GLOVE ACTION PLUS PARKWAYS MAYES SEA QUEST SHERWOOD DUI TUSA</p> <p>AIR * SALES RENTALS * REPAIRS UNDERWATER VIDEO SPECIALISTS</p>
<p>WE TEACH SCUBA</p> <p>SSI INSTRUCTOR TRAINING FACILITY NAUI PRO FACILITY PADI - YMCA TAUGHT YEAR ROUND</p>	<p>PRO • DIVERS</p> <p>★★★★ U.S.A. ★★★★★</p> <ul style="list-style-type: none"> • Group Dive Travel • All Major Brands • Rentals • Service-In-House • Financing Available <p>STORE OWNED DIVE CHARTER BOAT CAPT RICH FRATTO OWNER/OPERATOR OPEN 7 DAYS CONVENIENT LOCATION - EXIT 68 FROM RT 128 236 WOOD ROAD BRAINTREE, MA 02184</p> <p>848-4990</p>	

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