



ZERO BEAT

Southeastern Massachusetts
Amateur Radio Association, Inc.
54 Donald Street
South Dartmouth, MA 02748



OUR 71st YEAR

Volume 39, Issue 5

SEMARA W1AEC

May 2003

ANNUAL CLAMBAKE HELD APRIL 12TH

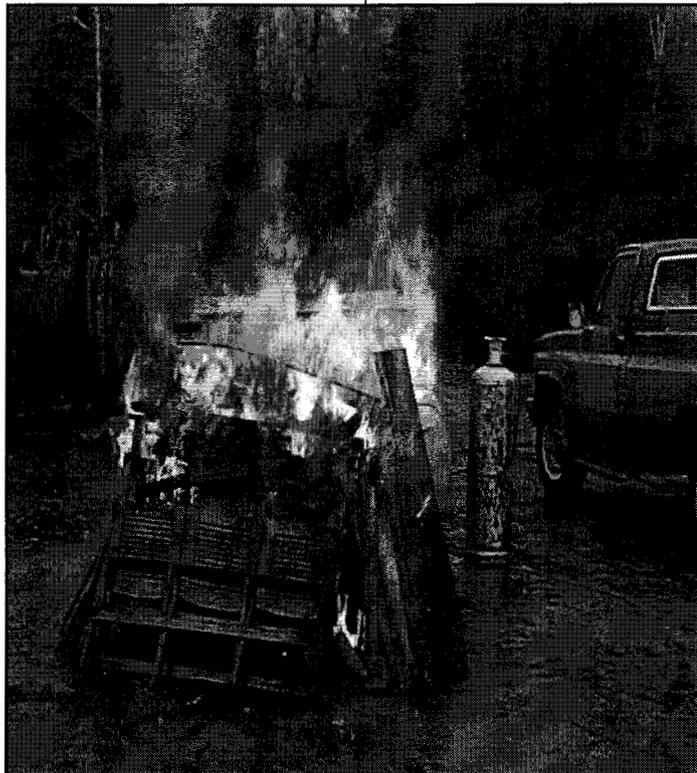
The club's annual clambake was held on Saturday, April 12, 2003. It rained "cats and dogs" that morning, but a call to the bakemaster assured us that the bake was a "go." Fortunately, the bakemaster had setup the wood and rocks for the clambake fire several days earlier and secured them under several tarps to keep them dry. So on Saturday morning off came the tarps and out came a huge propane torch used to set the pile ablaze. As the picture shows, the pile of wood and rocks was a blazing inferno within a few minutes.

Did you know that the rocks used to make a clam-bake can be used only once? (Guess you can say that about the wood too!) The life is taken out of the hot rocks when the water from the bake hits them. The rocks almost fall apart!

After the rocks are heated, which takes over one hour, they are covered with rockweed and the bake is set atop it. Wet tarps

cover the whole affair and keep in the steam generated when water from the rockweed strikes the rocks. In about one hour the bake is done and the fun begins!

Meanwhile, as the bake was cooking, creamy clam chowder was served in the clubhouse to the members and guests present. After chowder, the bake was served and it consisted of sweet Westport clams, sausage, hot dogs, salmon, whitefish, brown-bread, stuffing, white potatoes, sweet potatoes, onions, linguica, and tons of melted butter. For anyone that was still hungry, a large table of delicious home-made desserts was available!



Judging from the looks of satisfaction on the faces of those chowing down, the bake was a great success. This was one club event even rain didn't put a damper on!

Hungry? A lobster boil or chicken barbeque is in the works. Maybe both! Be sure to buy your ticket early - they sell out fast.

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54 Donald Street,
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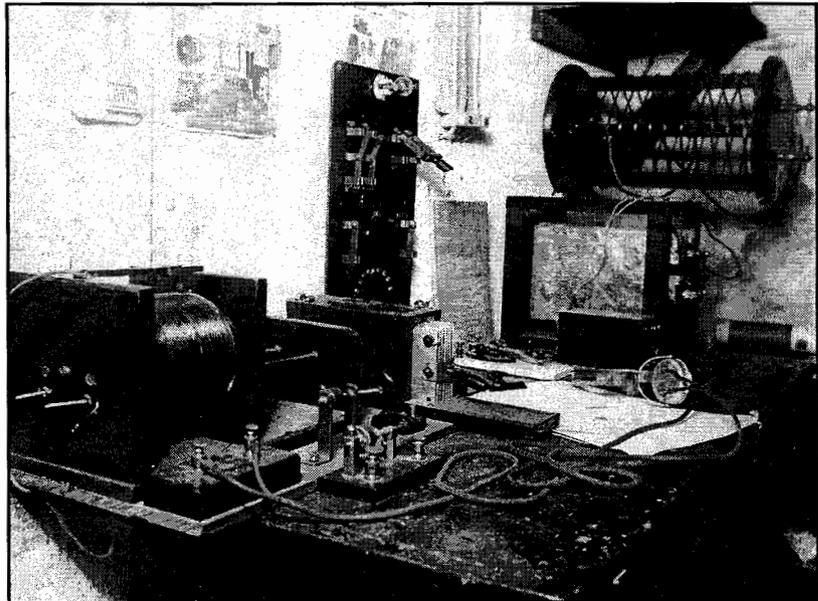
ADVERTISING

Commercial ads the size of a business card will be accepted. Rates are \$5.00 for one insertion, \$20.00 for six insertions, and \$35.00 for twelve insertions.

Non-commercial ads up to forty words in length will be accepted. Rate is \$3.00 for one or \$12.00 for six insertions. Club members have one free non-commercial ad per month.

THE DEADLINE FOR

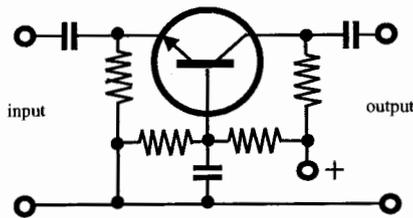
THE EARLY DAYS OF RADIO



Here is a picture of D. Tripp's amateur radio station taken in September 1915. It is the last in a series of pictures sent in by Art Marshall, W1FJI. This picture is another in a series of New Bedford amateur stations taken by Everett L. Weeden. Like last month's picture, detailed information on the owner, or the call letters used, are unknown for this station.

If you have any information on D. Tripp please contact Bill Miller, K1IBR, editor of ZERO BEAT.

NAME THAT CIRCUIT



- 1.) Reactance Modulator
- 2.) Resistor Ring Phase Shifter
- 3.) RC Oscillator
- 4.) Shunt Voltage Regulator
- 5.) Common Base Amplifier

ANSWER - See page 7

SEMARA E-MAIL LIST

A question often asked is "How do I subscribe to the club's E-Mail list?" First, all new members are automatically placed on the list unless they check the box on the application form indicating otherwise. Second, members and others wishing to subscribe or unsubscribe should follow the directions posted at:

http://gold.nocdirect.com/mailman/listinfo/members_semara.org

You can get to the above site by going to the SEMARA website(www.semara.org) then clicking on "Frequent Questions." The last question on the FAQ list has a link to the above address where you can subscribe or unsubscribe.

2003 SEMARA OFFICERS

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Vice President

Carl Bredberg, K1KID

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Scott Szala, W1EV

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Andrew Reuter, WA1FNM William Miller, K1IBR

Board of Directors:

Martin Jordan, KA1YFV
Andrew Reuter, WA1FNM
Bill Vincent, WIPOW

MEETING MINUTES

The April business meeting was called to order at 7:00 pm by President **Ray Arruda, KB1EVX**. Twenty-nine members were present. The Secretary's report was read and accepted. The Treasurer's report was read and accepted.

COMMITTEE REPORTS

Buildings and Grounds – A handcart was purchased for use around the club and especially when picking up free soda donated by the Pepsi Cola company.

Technical – The new receiver is now on-line and performing well. The new 80 foot tower project is moving forward, and we are now waiting for the building permit to be issued by the town of Dartmouth, following a Conservation Commission meeting on April 15th. Hopefully work will be under way by the end of April. The tower will serve the club for many decades to come.

Activities – Scott Szala reported the clambake is set for Saturday, April 12th at 12 noon. Coming up is the lobster boil and chicken barbeque.

Scholarship - None.

Internet - None.

ARES Coordinator - Tony Duarte reported that the SET drill will be held Saturday, April 26th starting at 10 am. Tony also has application forms for members that want to join ARES. He said a Tech-Talk about ARES will be held in the future and members are urged to join ARES. He also mentioned that N.B. Red Cross has a web page at:

[Http://home.attbi.com/~nbredcross](http://home.attbi.com/~nbredcross)

Communications - Carl Bredberg stated that the MS Walk in Westport needs volunteers to help with communications.

Ratifications - Two new members were voted into the club. See "CLUB NOTES" for the list of the new members voted into the association. (Page 4 – Club Notes)

President's Comments - President **Ray Arruda, KB1EVX**, thanked all the members that have already donated items for the fall Fleamarket. Even though the Fleamarket isn't until September, several members have already donated substantial equipment to the club. Ray also discussed the free soda we are getting as a non-profit organization.

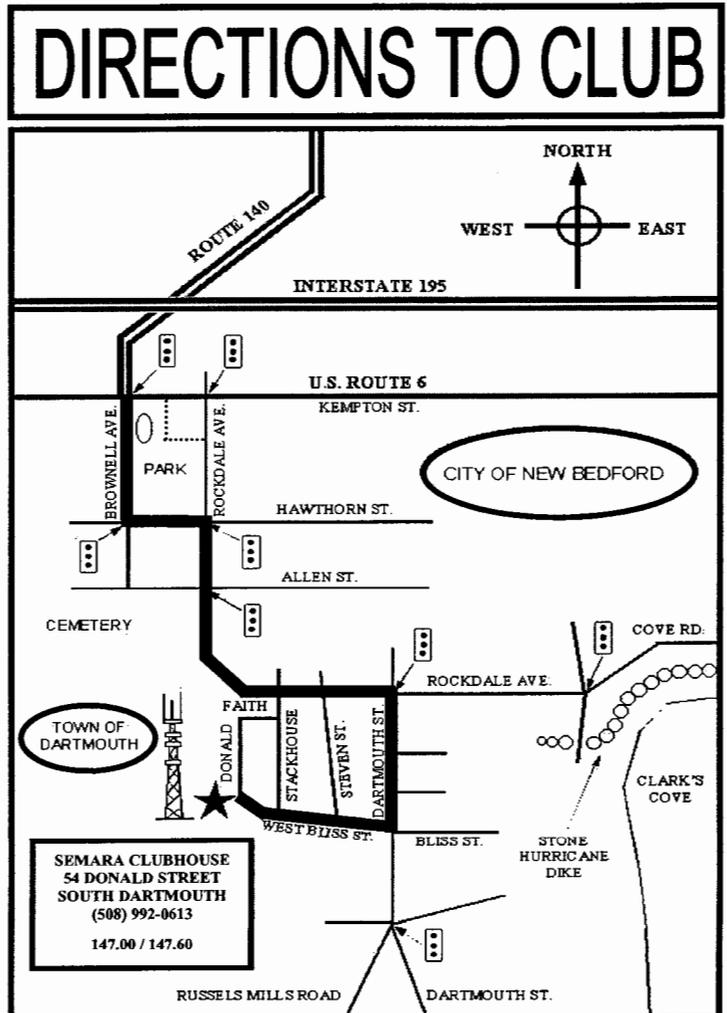
Old Business - Two motions were passed:

- 1) A motion to allocate \$3,000 for additional tower expenses, including hiring a registered professional engineer for the project and a registered construction supervisor. (Thanks to the Dartmouth building department!) The amount of concrete required also increased when the engineer recommended a change from three tower support piers to a solid block of reinforced concrete.
- 2) A motion authorizing the Treasurer to write checks as required to transfer the refunds from soda cans to the Mayflower Lodge in exchange for free soda.

New Business - None.

For the good of the club - George Kirkwood brought up the possibility of members buying items in bulk on the Internet to save money. Cigarettes and printer ink cartridges were mentioned as possibilities.

Hot dogs are served at every business meeting. Enjoy! The meeting adjourned at 8:06 pm.





CLUB NOTES

May is here... finally. What a winter we had this season. Snow, snow, and more snow. Mother's Day is Sunday, the 11th. Armed Forces Day is Saturday, the 17th, and Memorial Day is Monday the 26th.



Two applicants were voted life members of the club during the April 3rd business meeting:

- Timothy Jean, KB1FIP**
 - John Ramos, KB3AMO**
- Welcome to the club!



Carl Bissonette, WA1AKR, donated a National Radio Company NC-46 general coverage receiver to the club for sale at the annual Fleamarket. *Thanks, Carl for the valuable donation.*



National NC-46

Member Steve Hall, KB1GVT, recently upgraded to the General Class license. Steve lives in Maine with his wife Daleen, KB1IEG. Steve is also a member of the Yankee Radio Club in Maine. Check out their club website at:

<http://home.maine.rr.com/goulds/yankee.html>

Congratulations, Steve, on your recent upgrade!



One member (*who shall remain anonymous*) cuts overfilled cream-filled donuts in half and then uses a spoon to scoop out the filling. That is a clever way to eat what is normally a messy donut! This procedure could catch on...



John C. Amaral, W1VRP, SK

John C. Amaral, W1VRP, passed away on Thursday, April 10, 2003, following a brief illness. John lived in Niantic, CT, and retired from the Underwater Sound Laboratory in New London, CT. John was licensed in 1950, and was a member of SEMARA and the Quarter Century Wireless Association (QCWA). *Rest in Peace, John.*



Did you notice the "new" look of ZERO BEAT? I didn't think you did. Well, this is the first issue composed using Publisher 2002. (Previous issues were composed with Publisher 2000.) Several changes have been made in the format of the newsletter. (Such as less bold lines.)



George Kirkwood's, KB1HJL, daughter Jessica and son Liston both passed the no-code Technician license at the April "License in a Weekend" class sponsored by the Falmouth Radio Association. Jessica is already a member of the club and Liston plans to join in May. This looks like a family affair. Now, if George can get his wife interested in amateur radio...

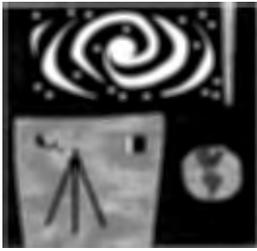


NEW HAMS ON THE AIR!

Congratulations, Jessica and Liston, on passing the test!

Joe Luiz is now KB1JTR. Joe joined the club in May, studied hard, and got his license. Welcome to the wonderful world of amateur radio, Joe. We hope to work you on the air real soon. *Congratulations, Joe, on passing the test!*





TECH-TALK ON STARS SHINES BRIGHTLY

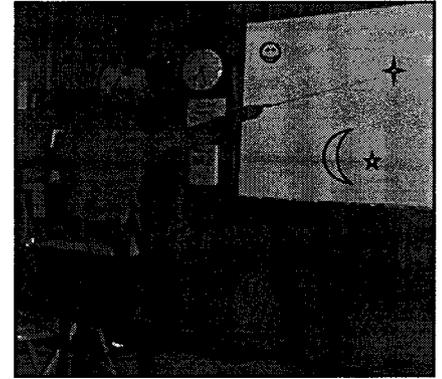
Jerry Flaherty, KB1JGA, presented a very interesting Tech-Talk on "The Nightly Stars." In fact, the April 17th presentation was definitely "out of this world!"

Jerry spent the first 45 minutes presenting a slide show about stars. Several constellations were shown, along with sky maps and other astronomy related pictures. Jerry took most of the pictures himself. In fact, one of the pictures had a meteor streaking across it. This was just a stroke of luck as the meteor appeared just as the camera's shutter operated. Jerry also answered several questions about the stars and planets during a Q&A session.

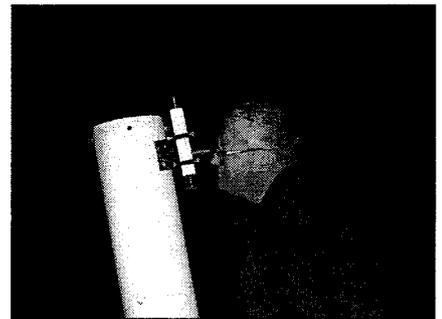
He also talked about meteorites and outlined a way to collect some of the thousands of micro-meteorites hitting the earth daily. Take a plastic trash can cover with about an inch of water in it and leave it outside where it will collect micro-meteorites. After a day or two use a magnet to extract the iron laden micro-meteorites from the cover. If the magnet is painted white the micro-meteorites will really show up fine.

The show then moved outside where Jerry had set up a large reflecting telescope. First he focused on the planet Jupiter and its moons. What a sight! Then, after it was a little darker outside, he zoomed in on Saturn and its rings. Club members were dazzled by the display! For many it was the first time they saw any planet thru a telescope.

The talk was great, and the views thru Jerry's telescope were "out of this world!" Thanks, Jerry, for the great talk and visual display.



TECH-TALK UNDERWAY



PETE RYDER, KB1GPL

ECHOLINK NODE ON-LINE IN NEW BEDFORD

Tony Duarte, N1XRS, has opened his local Echolink node to all radio operators in the area. The system operates on 146.595 simplex with a PL tone of 141.3 Hz. The node number for this machine is 71379. You can download the Echolink program and get a lists of nodes at: www.echolink.org
Information on Tony's machine can be found at his website: www.qsl.net/n1xrs

FOR SALE

SELF SUPPORTING RADIO TOWER

57 Feet high. Welded galvanized pipe construction. 10 foot base tapering to about 2 foot at the top. Removal of this tower will require a crane. Tower is located among some trees in Fairhaven.

For details contact: Ken Gillum, W1QJR, at 508-996-0747 or kgillum@attglobal.net

80 FOOT TOWER UPDATE IN PICTURES



TOWER SECTIONS READY TO STACK



ASSEMBLING THE BOTTOM SECTION OF TOWER

NEXT SEMARA VE SESSION

May 3, 2003

10:30 am

SEMARA Clubhouse

MAY VE SESSIONS

08 Providence, RI

Judy Nelson

401-231-9156

10 Falmouth, MA

Ben Fleck

508-540-2583

12 Brookline, MA

Mike Ardai

781-321-7939

17 Marlborough, MA

Bill Wade

617-699-3670

POINT TO PONDER

*“Liberty is the only thing
you can not have unless
you are willing to
give it to others.”*

William Allen White

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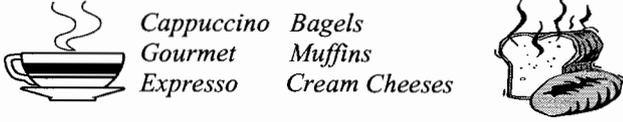


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DICK WILBORG W1ZC

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SEMARA EVENT CALENDAR

<p>MAY 2003</p> <p>1 - Business Meeting, 7:00 pm. 3 - VE Session, 10:30 am. 8 - Ragchewing, 6:30 pm. 15 - Tech-Talk, 7 pm, "WTC Emergency Communications" by Steve Schwarm, W3EVE 22 - Board of Directors Meeting, 6:30 pm. 29 - ZERO BEAT Party, Ragchewing, 6:30 pm.</p>	<p>JUNE 2003</p> <p>5 - Business Meeting, 7:00 pm. 7 - VE Session, 10:30 am. 12 - Ragchewing, 6:30 pm. 19 - Tech-Talk, 7 pm, "Aviation Technology" by Dave DeCosta, KD1YZ 21 - CEMARC meeting at clubhouse, 10am 26 - ZERO BEAT Party, Ragchewing, 6:30 pm.</p>
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Coffee Hour at the clubhouse every Sunday at 7 - 11 am. Drop by and ragchew!

SEMARA NET DIRECTORY

Sunday - 8 am 28.700

Daily - 7 pm 146.550

Monday to Friday
7:30 am 3.872 MHz

— SEMCARES NET —

1st Sunday each month at 7:30 pm
145.490- (Fairhaven Repeater)

FAIRHAVEN WEATHER NET
8 p.m. Monday - Friday 145.49

SEMARA SWAP NET Every Monday at 7:30 pm on 147.00/.60

2003 FLEAMARKETS

May 2,3 - HOSSTRADERS

May 10 - Forestdale, RI

May 18 - MIT

June 7 - Falmouth, MA

June 15 - MIT

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location	Frequency	CTCSS	Call	Location
144				440			
145.150 -	123.0	WA1DGW	Fall River	441.400 +	192.8	WG1U	Assonet
145.490 -		KD1CY	Fairhaven	442.200 +	88.5	N1NRL	Fall River
146.445 +1Mhz	91.5	KB1BWN	Dartmouth	442.600 +	100.0	K1LIQ	Tiverton, RI
146.655 -	88.5	WA1GPO	Falmouth	443.450 +	88.5	K1MYL	Westport
146.685 -		W1LM	Plymouth	443.500+	141.3	K1PBO	Barnstable
146.955 -	88.5	K1PBO	Dennis	443.600 +		NS1N	Norwell
147.000 +	67.0	W1AEC	Dartmouth	443.800 +	88.5	W1RJC	Dartmouth
147.345 +	88.5	KB1QL	Vineyard	444.200 +	118.8	N1YHS	Bourne
147.135 +	67.0	ND1N	Taunton	444.250 +	141.3	WA1GPO	Falmouth
147.180 +	67.0	W1MV	Bridgewater	444.350 +	88.5	W1ACT	Fall River
146.730 -		W1SGL	Sandwich	444.550 +	88.5	W1MV	Bridgewater
				447.075 -	88.5	N1DZD	Kingston

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SEMARA

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