



ZERO BEAT

Southeastern Massachusetts
Amateur Radio Association, Inc.
54 Donald Street, P.O. Box 80007
South Dartmouth, MA 02748



Volume 32, Issue 5

❖ SEMARA ❖

May 1997

On The Move

ZERO BEAT'S NEW LOOK

Zero Beat has a new look. Your editor recently upgraded to Microsoft Publisher 97 from CompuWorks Publisher II. Since the templates for *Zero Beat* had to be reconstructed, it was an ideal time to develop a new look for the newsletter.

Also, in an effort to increase the readability of *Zero Beat*, the type size was increased a point, and the headline typeface was changed to a clean easy to read style.



If you have any ideas that would further improve *Zero Beat*, please inform the editor. Feedback from the readers is very important, and the editor actively solicits any and all comment.

The editor, Bill Miller, can be reached at (508) 996-2969 or by snail mail at 49 Old Westport Road, North Dartmouth, MA 02747, or E-mail: k1ibr@lrh.net

1997 INFO SHEET

Enclosed with this issue of *Zero Beat* is a copy of the 1997 General Information sheet on club policies and procedures. Please remove it for future reference.

Items that have changed since the last sheet was issued include:

- Change in dues rates.
- "Spouse" added to Bereavement policy list.
- New policy - "No smoking during meetings" - added.
- Other minor changes.



MEETING HIGHLIGHTS

The April business meeting was called to order at 7:02 PM by President Marty Jordan. Thirty-one members and one guest were present. Following the salute to the flag and roll call, the Secretary and Treasurer's reports were read and accepted.

Committee reports followed: *Technical* - Town of Dartmouth is writing a communications tower ordinance. (See related article on this page) *Buildings and Grounds* - Roof on Quonset hut will be tarred in the middle to stop a small leak. *Scholarship* - No report. *Tower Committee* - Negotiations ongoing.

Two new conditional members were voted into the association - **Edward Gaude, N1XTT**, and **Mike Leger, N1YLQ**. Four members were upgraded to full membership - **Daniel Alves, N1VZN**; **Edward Harrington, W1VF**; **Gil Martin, N1MWG**; and **Glenn Martin, N1MXY**.

A motion to amend the bereavement policy to include a member's "spouse" (which was originally left out on an oversight) was made by Bill Miller, K1IBR, and seconded by John Carreiro, W1ZVY. The motion passed.

Following the business meeting adjournment at 7:31 PM, a raffle was held to benefit the building fund. (See article on page 3)

COMMUNICATIONS TOWER BYLAW PROPOSED BY TOWN OF DARTMOUTH

The town of Dartmouth Planning Board proposes that Special Permits be required to erect communications towers in the town. The proposed article to the Zoning Bylaws will control the placement and design of towers.

MEMBER ALERT

The proposal is **Article A - Communications Towers** and a public hearing on the proposed amendment will be held on April 28, 1997 at 7:30 PM in room 315 in the Town Office Building at 400 Slocum Road. Club members and especially Dartmouth residents are urged to attend.

The text of the proposal is available for viewing in Room 301 (Planning Board Office) in the Town Office Building during normal business hours. Copies of the proposal are also available in the free literature rack at the club. (Please do not remove the copy posted on the bulletin board.)

The proposed amendment allows amateur radio operators and certain other property owners to erect towers up to 50 feet high without a special permit. (A more reasonable approach would allow up to 100 foot high amateur towers since most trees in the area are 60 to 100 feet high.)



ZERO BEAT

Published monthly by the
**Southeastern Massachusetts
 Amateur Radio Association, Inc.**
 54 Donald Street, PO Box 80007
 South Dartmouth, MA 02748

EDITOR

William M. Miller Jr. K1IBR
 Phone: (508) 996-2969
 E-Mail: k1ibr@lrh.net

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.

WHAT'S A "HAM"?

There are many stories about how amateur radio operators became known as "hams". The best contender as the real story is probably this one:

Around the turn of the century, three members of a college radio club put their own station on the air. Since you made up your own call in the early 1900's, they eventually ended up using the first letters of their last names as the station call letters. Thus was radio station "HAM" born.

When Congress considered regulating "wireless" in 1911, one of the club members wrote a thesis on such regulation. One thing led to another and eventually the thesis writer ended up testifying before Congress, as recorded in the Congressional Record.

As the debate over regulating "wireless" progressed, radio station "HAM" became a symbol for all amateurs around the country. Indeed, to this day amateur radio operators are called HAMS!

Now you know the rest of the story...

'BITS - N - PIECES'

(Compiled from the ARRL newsletter)

The fee for a 10 year Vanity license may increase from \$30 to \$50 under FCC proposal 97-49 which raises the fees for all FCC regulated services. Congress mandated that the FCC recover the costs of policy, rulemaking, enforcement, and user information services via license fees. This causes annual increases in fees.

On April 20th the *Ham Radio & More* radio program celebrated six years on the air. The program airs on shortwave station WWCR every Sunday on 12.160 MHz at 2200 UTC. WWCR rebroadcasts the program each Tuesday on 3.210 MHz at 0800 UTC, and the following Sunday on 5.070 MHz at 0500 UTC.

The fight to abolish proficiency in Morse code as an amateur radio license requirement has taken to the World Wide Web (WWW). The website is called *No Code International* and the URL address is:

<http://www.nocode.org>

The site is the creation of Bruce Perens of Pixar Corporation, the software animation company that created the hit movie *Toy Story*. Bruce stated that outsiders perceive amateur radio operators as a group of "key tappers".

FLEAMARKET CALENDAR

- May 9, 10 - Rochester, NH
- May 17 - Forestdale, RI
- May 18 - MIT Cambridge, MA
- May 24 - Vernon, CT
- May 25, 26 - Whitman, MA

NET DIRECTORY

—Sunday—

8am	28.375	General
9:30am	50.225	Yankee SSB
3pm	28.470	UFO
7pm	147.000+	Swap Net

— 4th Sunday —

9pm	449.575	EM-ARRL
-----	---------	---------

— Daily —

5:30pm	3.915	EM/RI NTS ssb
7&10pm	3.658	EM/RI NTS cw
6:45pm	147.315+	NTS/Trivia
7pm	146.550	General
8pm	145.230-	EM-NTS

— Monday to Friday —

8am	14.262	UFO
8pm	145.490-	Weather

— Saturday & Sunday —

8am	7.237	UFO
-----	-------	-----

— Thursday —

7pm	14.264	UFO
8pm	147.180+	Trivia

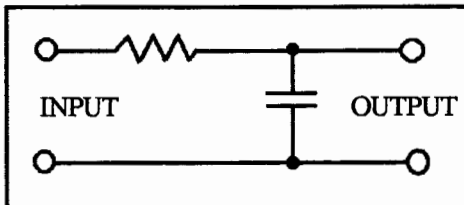
— Saturday —

7:30pm	3.978	UFO
1800G	14.300	Coast Guard

— ARES NET —

1st & 15th of the month at 7:30 pm
 147.000+ on the 1st
 145.490- on the 15th

NAME THAT CIRCUIT



1. Hi-Pass filter
 2. Integrator
 3. Differentiator
 4. Alligator
- ANSWER - See page 4

SEMARA VE SESSIONS

All sessions held on Saturday at 10:30 AM except for Fleamarket Sunday, September 14th, when the session begins at 10 AM.

- May 3
- July 5
- September 14
- September 27
- November 1



CLUB NOTES

April showers (and fools day blizzards) bring May flowers. Well, the flowers are here! What a great time of the year. Everything undergoes a rebirth, including the human spirit. Nothing is quite remarkable as the first warm day of spring. Then reality sets in, and the thought of cutting grass all summer becomes all too real.



A big "Thank You" goes out to **Rick Cabral (Sr.)**, **NIRFI**, for donating a two-meter bandpass filter to the club for use on the repeater. Since it was installed, the annoying static noise that was bringing up the repeater has decreased noticeably. Evidently, it was caused by intermodulation in the transmitter's final stage and the filter has reduced that problem.

Thank You

Following the April business meeting, a raffle was held to benefit the building fund. **Frank Fonseca**, **WB1ASD**, won a Olivetti electric typewriter. Next, **Norm Riley**, **W1ATI**, won a soldering gun. Finally, **Morris Fogaren**, **WB1GJO**, won a bag of computer

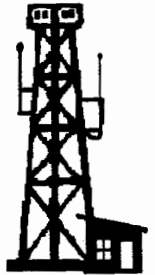
discs and related items. A total of \$38.00 was realized from the raffle.



Did you know that a FCC call lookup feature exists on the SEMARA homepage at *Dreamer's Online*? Check it out. The SEMARA address is - <http://www.lrh.net/public/semara.htm>



The Bell Atlantic NYNEX Mobile tower negotiations have been delayed by a change in personnel within NYNEX. The Real Estate Manager that was handling negotiations with our association quit the company. His replacement is the Assistant Manager of Real Estate Zoning. We are told that a proposed lease will be forthcoming within two to three weeks.



NOQUOCHOKE ORCHARDS

594 Drift Road, Westport, MA 02790
(508) 636-2237



Apples - Pears - Peaches
Sweet Apple Cider - Squash
Westport Macomber Turnips
Hay & Custom Work

SEMARA OFFICERS

1997



President Marty Jordan, KA1YFV
Vice-President William M. Miller Jr., K11BR
Secretary Richard J. Cabral, NIRFH
Treasurer Lawrence Houbre, AA1FS

Board of Directors:

John Carreiro, WIZYV
Robert Peckham, KA1YDG
William Vincent, N1LTY

Trustees:

Edward Blouin, KA1AW - Chairman
Andrew Reuter, WA1FNM
William M. Miller Jr., K11BR
Norman Riley, W1ATI
Frank Fonseca, WB1ASD

SEMARA EVENT CALENDAR

MAY 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 7 PM Business Meeting	2	3 10:30 AM VE Session
4 9 AM Coffee Hour	5	6	7	8 7 PM ARES Meeting	9	10
11 9 AM Coffee Hour	12	13	14	15 7 PM Tech-Talk "Wildcat!"	16	17
18 9 AM Coffee Hour	19	20	21	22	23	24
25 9 AM Coffee Hour	26	27	28	29	30	31

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location	Frequency	CTCSS	Call	Location
-144				440			
145.150 -		WA1DGW	Fall River	441.400 +	192.8	WG1U	Assonet
145.490 -		KA1WBF	Fairhaven	442.200 +		N1NRL	Fall River
146.445 +1Mhz	91.5	KB1BWN	Dartmouth	442.350 +	141.3	N1QWW	New Bedford
146.655 -	88.5	WA1GPO	Falmouth	442.600 +	100.0	K1LIQ	Tiverton, RI
146.685 -		N1OEG	Plymouth	443.450 +	88.5	K1MYL	Westport
146.700 -		K1CR	Cranston, RI	443.600 +		NS1N	Norwell
147.000 +		W1AEC	Dartmouth	443.800 +	88.5	N1RFH	Dartmouth
147.045 +		WA1AIC	Yarmouth	443.850 +	131.8	W1ARM	Chatham
147.135 +	67.0	ND1N	Taunton	444.250 +	141.3	WA1GPO	Falmouth
147.180 +	77.0	N1FDX	Bridgewater	444.550 +		N1FDX	Bridgewater
147.315 +	156.7	N1BBT	Wareham	447.075 -		N1DZD	Kingston
-220							
224.340 -		N1SGK	Dennis				

NAME THAT CIRCUIT ANSWER: 2. INTEGRATOR

Please support these fine sponsors of our newsletter

Bridal and Baby Showers
Weddings
Anniversary
Birthdays

The Cake Lady

Lisa Houbre
Cake Consultant
991-6057

Custom and novelty cakes for all occasions.

*Cappuccino
Sourmet
Espresso*

*Bagels
Muffins
Cream Cheeses*

Boston Coffee & Bagel

122 Allen Street, New Bedford, MA 02740
(508) 992-3064

Also serving fine deli lunches

SEMARA

Southeastern Massachusetts Amateur Radio Association, Inc.
54 Donald Street, PO Box 80007
South Dartmouth, MA 02748

FIRST CLASS

Scanned by N1TI
January 2011

Southeastern Massachusetts Amateur Radio Association, Inc.
54 Donald Street, PO Box 80007, South Dartmouth, MA 02748

1997 GENERAL INFORMATION

DUES - Regular dues are \$25.00 per year. A family membership covering all persons in the same household is \$30.00 per year. Associate membership is \$15.00 per year. Newly licensed amateurs pay \$5.00 for the remainder of the year they join, and regular dues thereafter. Other new members and those rejoining the club shall pay dues prorated to the nearest month.

SMOKING - The club has a no smoking policy in effect during all meetings at the club. Smoking is permitted at all other times. Ashtrays are available on the shelf near the women's rest room. Smokers are requested to empty their ashtrays outside on the driveway when done smoking. Please refrain from smoking in the presence of anyone afflicted with emphysema, asthma, or similar respiratory problems.

KEYS - Full members are given a key to the clubhouse. Lost keys are replaced at cost. The master key to the shed and cellar is hung under the serving counter in the kitchen. The key is attached to a long plastic strip.

TELEPHONE - The club telephone number is (508) 992-0613. Please note that the phone line is shared with the repeaters and anyone making an autopatch will break in on your conversation (and vice-versa). The club has no long distance carrier since long distance calls are prohibited.

CERTIFICATE - A membership certificate suitable for framing is available to all members upon request to the club secretary. Certificates are normally available at the next meeting following your request.

REPEATERS - The club has two repeaters on the property, one owned by the club (2 meters) and one owned by GNBURG (440). A list of all club 2 meter repeater functions and access codes is available to members. Additionally, members can have a special three digit auto-dial code programmed into the 2 meter repeater for fast dialing of a phone number often used.

ZERO BEAT - The free club newsletter *ZERO BEAT* is published monthly and mailed to all members the week before each business meeting. Articles for publication are solicited from the members. The cut-off date for articles is two Thursdays before the next business meeting. Members can place one free non-commercial advertisement per year. Commercial advertisements are also accepted. Contact the Editor for details.

CLUB STATION - W1AEC - The club radio shack is available for use by all FCC licensed members. Members shall transmit only on frequencies their license permits. (The

club call is licensed at the extra class level.) All contacts MUST BE LOGGED in the log book provided.

NOTE: the club call was originally W1IXF. In April 1950, club member Kenneth Dyer, W1AEC, died at sea. The club secured his call as a permanent memorial.

CLUBHOUSE RENTAL - The clubhouse facilities are available for rental, either on a one-time basis (for receptions, parties, etc.) or on a periodic basis (weekly or monthly for groups needing a meeting hall). Contact the treasurer for the current rental fee list and rental agreement. Members get one free rental per year.

LIBRARY - All books in the club library are available for loan. The honor system is used, and members are requested not to keep books longer than one month.

RADIO FREQUENCY INTERFERENCE (RFI) - Any member experiencing RFI problems can request help from the club technical committee. The committee stands ready to assist in resolving RFI complaints.

FLOODLIGHTS - The floodlights on the clubhouse come on whenever the side door to the club is opened, and they stay on as long as the main lights in the clubhouse are on or the floodlight switch near the side door is on. When all switches are turned off, the floodlights go out after three minutes via a timer. The floodlights can also be turned on by sending the star (*) tone over the 2 meter repeater for five seconds. They will then stay on for three minutes, giving you time to get into the club. A photoelectric eye permits the floodlights to go on only at night.

HEAT - The club heating system is controlled by the lights in the main meeting room. When the lights are OFF, the thermostat is set for 55 degrees. When the lights are ON, the thermostat is automatically raised to 70 degrees. The heat can be remotely turned up to 70 degrees for three hours by sending "510" over the 2 meter repeater. This feature is handy in the winter, since you can preheat the club before you arrive there, such as on meeting nights. Failure of the heating system sends "COLD" in Morse code over the 2 meter repeater.

BEREAVEMENT - Upon the death of a current member or one of his immediate family (spouse, parents, children, brothers and sisters), the club will send a sympathy card and a check for \$50.00 to the family. Upon the death of a former member, the club will send a sympathy card only.

BOILER ROOM - Access to the boiler room is restricted to club officers and maintenance personnel.

FILE CABINET - Access to the file cabinet is restricted to club officers.