



ZERO BEAT

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



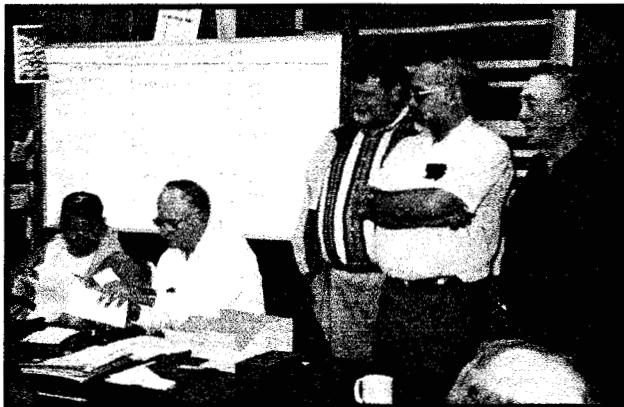
OUR 69th YEAR

Volume 37, Issue 1

SEMARA W1AEC

January 2001

CLUB OFFICERS ELECTED FOR 2001



2001 OFFICERS

PRESIDENT - Bill Miller, K1IBR
 VICE-PRESIDENT - Ray Arruda, KB1EVX
 SECRETARY - Henry Blanchett, W1GYL
 TREASURER - Scott Szala, W1EV
 BOARD of DIRECTORS - Ed Blouin, KA1AW
 BOARD of DIRECTORS - Marty Jordan, KA1YFV
 BOARD of DIRECTORS - Bob Metivier, N1XZJ
 TRUSTEE - Doc Riley, W1ATI

ABSENTEE BALLOTS ARE OPENED BY BOB METIVIER, N1XZJ, AND HENRY BLANCHETT, W1GYL, UNDER THE WATCHFUL EYE OF PRESIDENT CHRIS SMITH, K1CJS, WHO IS FLANKED BY THE TWO APPOINTED BALLOT TELLERS, TIM SMITH, N1TI, AND BILL FIELD, WA1FYF

CHRISTMAS PARTY HELD AT THAD'S STEAKHOUSE

The club's Annual Christmas Party was held on December 9th in the "Executive Room" at Thad's Steakhouse in New Bedford's north end. As usual, the Roast Prime Rib of Beef was the main choice of most attendees. Several member's dogs got their Christmas present later that night or early Sunday morning- a huge Prime Rib bone.

Following the meal, the traditional gift exchange was held with attendees drawing random numbers from a bag. As each attendee selected a gift, they had the option of exchanging it for any previously drawn gift. As usual, this made for a good time as various gifts made their way around the room. "Scratch Tickets" were a hot item and coveted by everyone present. The gift despised by all was a pencil sharpener. No one showed any interest in exchanging their gift for it! The person "stuck" with it shall remain anonymous - SHE would prefer it that way...

A great time was had by all. A "Tip-o-the-hat" goes out to Susan Metivier for conducting the gift exchange. *Thanks, Sue!*



ENJOYING A NIGHT OUT AT THE ANNUAL CHRISTMAS PARTY Left to right - Mr. And Mrs. Norman Riley, Mr. And Mrs. Richard Simpkin, and Mr. And Mrs. Edward Blouin.

ZERO BEAT

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

EDITOR

William M. Miller Jr. K1IBR
 Phone: (508) 996-2969
 E-Mail: billmiller@netzero.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.

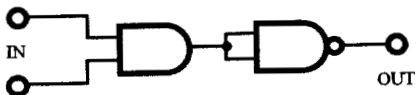
 THE DEADLINE FOR
 SUBMITTING ARTICLES FOR
 PUBLICATION IS THE 15TH
 OF THE PRECEDING MONTH.

REMEMBER WHEN?



NOVEMBER 1941 GET-TOGETHER

NAME THAT CIRCUIT



- 1.) AND gate equivalent
- 2.) NAND gate equivalent
- 3.) OR gate equivalent
- 4.) NOR gate equivalent
- 5.) INVERTER equivalent

ANSWER - See page 7

The above picture was taken 59 years ago in the home of Joe Gaspar, W1IWJ, who is furthest to the right in the picture. The two members sitting in the front are Ernie Oliveira, W1KVU, and Ed Lopes, W1BMQ. The five members standing to the left of Joe are (left to right) Milt Robinson, W1WX; (unknown person); club founder Alan Cooper, W1HSR; Charlie Bouquet, W1HMN; and George Gracia (licensed 30 years later as WA1KFM).

Visiting the shacks of various members was a common pastime in years gone by. With the ban on amateur radio transmissions during World War II, holding get-togethers at member's shacks to rag-chew was even more prevalent.

If anyone can identify the unknown person with the hat standing second from the left, please notify Bill Miller, K1IBR. It has been suggested it might be Rupe Wunschel, W1VDF.

WORLDWIDE DISTRIBUTION



Chuck Wyrick
 Manager
 KM4NZ

224 N. Broadway
 Salem, NH 03079
 (603) 898-3750, 1-800-444-0047

ANAHEIM, CA • ATLANTA, GA • DENVER, CO • OAKLAND, CA
 PHOENIX, AZ • PORTLAND, OR • SALEM, NH • SAN DIEGO, CA
 SUNNYVALE, CA • VAN NUYS, CA • WOODBRIDGE, VA

**"People are more violently opposed
 to fur than leather because it's
 safer to harass rich women
 than motorcycle gangs!"**

Unknown



CLUB NOTES

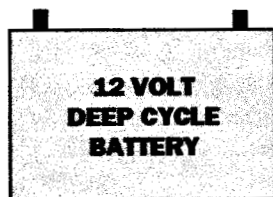
A new year is upon us. New Years Day falls on Monday, the first, and Martin Luther King Jr. Day arrives on Monday the 15th. Don't forget to make your New Years Day resolution!



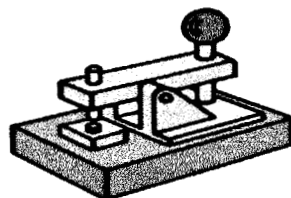
We heard a rumor that member Jerry Fortin, N1RXZ, plans to erect a large beach umbrella atop his beam antenna. It seems that whenever it rains Jerry has problems with the antenna SWR. One thing's for sure, you can't say Jerry isn't creative!



A big "Thank You!" goes out to John "Doc" Sylvia Jr. who donated several big deep-cycle batteries to the club for the emergency light system and repeater use. The batteries have found a good home! Thanks a million, John!



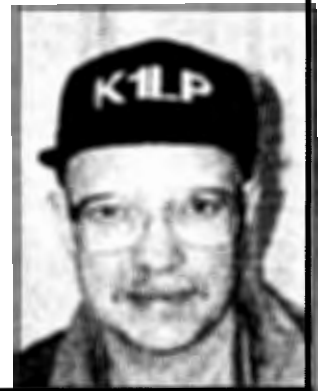
Winter code classes are starting up again at the clubhouse every Sunday morning 9:30 to 11:30 am. If interested in joining in the fun, contact Dave Dean, K1JGV, at the club any Sunday morning.



Are you into trains? A group of club members conducts a Train Roundtable every Sunday evening at 7 pm. They meet on the 147.00 repeater, then QSY to 147.47 simplex to ragchew about trains. Heck, now and then you might hear a member blowing his own whistle! Get aboard now before the train leaves the station...



Bill Pierce, K1LP (ex-K1YMW), recently spent two weeks in St. Lukes Hospital following surgery to remove an intestinal blockage. Other than walking around like Groucho Marx for a few days, Bill is healing nicely. *Bill, we wish you a speedy recovery. Get well soon!*



On November 28th, Glenn Urbanek's Cub Scout den toured the clubhouse under the direction of Brad Anselmo, N1VUF. They saw firsthand what amateur radio is all about. A big "Thank You" goes out to Brad for taking the time to conduct the tour.



The newest member voted into the club is Brian Parent, KB1FYS, of South Dartmouth, MA. Brian, who is 12 years old, participated in several club foxhunts in the past. He got his amateur radio "ticket" in late November. *Congratulations, Brian!*



Dick Houghton swapped his call KAIYVI for his "original" 1965 call WA1CXG. Dick is a telephone company retiree. *Way to go, Dick!*



Rob Macedo, KD1CY, had his article "Thoughts on a Successful ARES Strike Team" published in the November 2000 issue of QST on page 76. In his article Rob outlines the four important steps taken when developing a successful ARES strike team. *Nice article, Rob.*



BRIAN PARENT & KEN HOWLAND WIN THE FOXHUNT

Tim Smith's Fun Marred By Freak Accident

December's foxhunt got off to a bad start when Tim Smith's Doppler antenna array blew off the roof of his SUV and took out the rear left side window as he drove along I-195 to the hunt.

The hunt was delayed about 20 minutes as members taped a plastic garbage can liner over the broken window. Tim remarked that he never thought the array would fly off the roof as he made it with three heavy-duty two pound magnets for security. Evidently, the large 1/2 inch plywood panel that supported the four antennas acted like an aircraft wing and away she blew... Tim lamented, "I wish I had installed quick disconnects on the coax." (It was the coax that whipped the array into the window.) Tim had to hunt without the added benefit of the Doppler unit pointing the way.



Since the scheduled fox Scott Szala, W1EV, had a party to attend that night, Bill Miller, K1IBR, stepped in as the fox and had the gall to hide in the dirt parking lot across the street from Me & Ed's Restaurant in the south end of New Bedford. In fact, during the hunt a REAL fox was spotted crossing the street. The fox appeared to be well fed and very healthy. Unbelievable!

Eagle-eyed Brian Parent, KB1FYS, and Ken Howland, N1AVA, were the first to spot the fox. They didn't hesitate a moment as they turned into the lot and headed right for Bill's car! Right behind them was Tim Smith, N1TI. (See, the accident cost him not only the broken window, but also first place in the hunt!) Bill Field, WA1FYF, took third place as he leisurely drove into the lot dreaming of his World War II days on an island in the Pacific.

After the hunt, everyone headed across the street to Me & Ed's Restaurant for a bite to eat and the usual ragchewing. Once all the foxhunters were seated in the restaurant, Bill Field captured their attention with a few recollections of the War. Actually, it was more than a few recollections - it was a few HOURS of recollections...ZZZZZZZZ ;)



TIM SMITH PEERING OUT OF THE BROKEN WINDOW

2001 DUES ARE PAYABLE NOW

Members are notified that club dues for the year 2001 are payable now. Dues are only \$10 per year and checks may be sent to:

SEMARA Treasurer
54 Donald Street
South Dartmouth, MA
02748

If you are not sure what year you are paid through, check the mailing label on this issue of ZERO BEAT. The first line of the label is coded as follows:

2000 (Dues paying member - year paid through)
LIFE (Life member)
HONORARY (Honorary member)
ADVERTISER (Advertiser in ZERO BEAT)
ARRL (ARRL official)
CLUB (Club newsletter exchange participant)

2000
John Q. Hamm W1HAM
73 Radio Drive
So. Dartmouth, MA 02748



MEETING MINUTES

The December business meeting was called to order at 7:06 pm by President Chris Smith, K1CJS. Thirty-three members were present. Following the salute to the flag and roll call, the Secretary's and Treasurer's reports were read and accepted.

Committee reports followed:
Technical - New duplexer is ready to go on-line. However, major problems developed with the old Kendecom controller, and some replacement parts are obsolete. Additionally, the low-noise preamp experienced a blown front-end. It was recommended that club purchase two new CAT-1000 controllers and two GLB custom preamps with input bandpass filters for the repeater system. *Buildings and Grounds* - Members are requested to please turn off all lights and the hot water heater when leaving the clubhouse. Both were found "on" several times last month. In particular, the lights in the Quonset hut are often left "on."
Activities - No report. *Ham*

Class - Classes to start January 7th. *Scholarship* - No report. *Constitution* - Work ongoing. *Communications* - None.

Ratifications - The following member was voted into the club: **Brian Parent, KB1FYS.**

Communications - Sonny Mello, KA1ESY, withdrew his candidacy for the secretary's office. Letter from Arthur Porter of Framingham read to club. He is searching for a ham in our area named "Carlos" that repairs radios.

Old Business - The following motion was made and passed:

Motion to hire Milt Johnson of Fairhaven as our tax preparation accountant at a fixed price of \$300.

New Business - The following motions were made and passed:

Motion to purchase two CAT-1000 repeater controllers and two GLB custom preamps for the club's repeater.

Motion to purchase a card-lock system for the club's main access

door near the kitchen.

Election of Officers for the year 2001 - A motion to open nominations was made and since no further nominations were forthcoming nominations were closed and the election held. The following members were elected to office:

2001 OFFICERS

PRESIDENT - Bill Miller.

VICE PRESIDENT - Ray Arruda.

SECRETARY - Henry R. Blanchett.

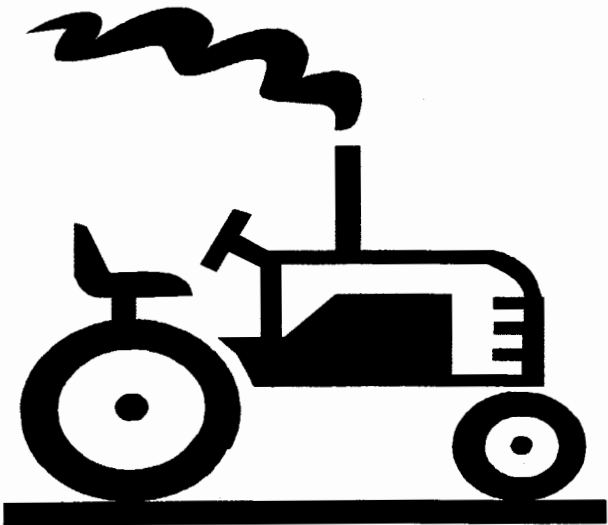
TREASURER - Scott Szala.

BOARD OF DIRECTORS - Ed Blouin, Marty Jordan, and Bob Metivier.

TRUSTEE - Doc Riley.

The meeting adjourned at 9:00 pm. Several members headed out to Bickford's Restaurant for a "second meeting" and good old rag-chewing!

Documents Returned to Family



Several years ago Fairhaven farmer Tony Carvalho, SWA1DDB, donated a framed picture to the club. When the picture was removed from the frame recently to be scanned as part of the club history project, two family documents were found behind the picture.

The first document was a certificate from the Massachusetts Green Pastures Club. Tony was awarded the "1948 Seal of Achievement" and the certificate was signed by Massachusetts Governor Bradford.

The second document uncovered was a certificate of promotion issued to Tony's daughter Nancy in June 1958. She graduated from the 7th grade in the East Fairhaven School at that time.

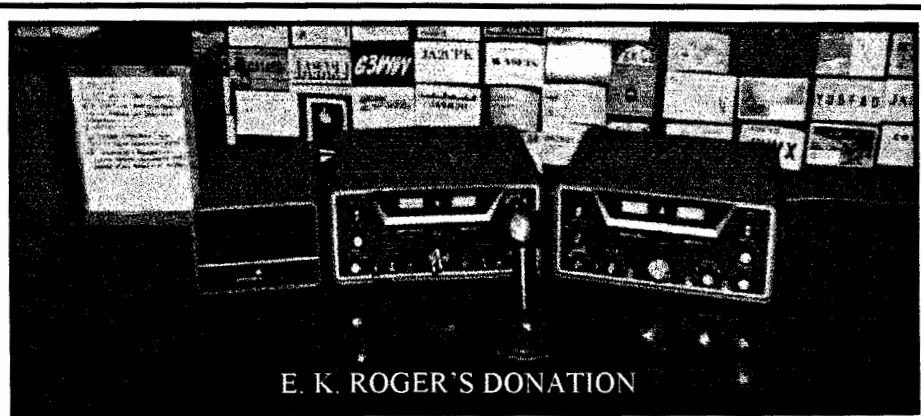
Since Tony passed on years ago, Bill Field, WA1FYF, gave the documents to Tony's son Tom so the family is once again in possession of the documents.

THINK YOU KNOW AMATEUR RADIO? TRY THIS SIMPLE TWO QUESTION TEST!

- 1.) The total number of frequency bands allocated to the amateur radio service internationally is:
 - a. - 15
 - b. - 27
 - c. - 33
 - d. - 49
- 2.) The approximate total types of emission permitted on amateur radio bands is:
 - a. - 17
 - b. - 150
 - c. - 600
 - d. - 1,300

The answers to the above questions are found in this text from the FCC internet site (www.fcc.gov/wtb/amateur/aminfo.html):

The amateur and amateur-satellite services are for qualified persons of any age who are interested in radio technique solely with a personal aim and without pecuniary interest. These services present an opportunity for self-training, intercommunication, and technical investigations. Twenty-seven small frequency bands throughout the spectrum are allocated to this service internationally. Some 1,300 digital, analog, pulse, and spread-spectrum emission types may be transmitted. Millions of amateur operators in all areas of the world communicate with each other directly or through *ad hoc* relay systems and amateur-satellites. They exchange messages by voice, teleprinting, telegraphy, facsimile, and television.



E. K. ROGER'S DONATION

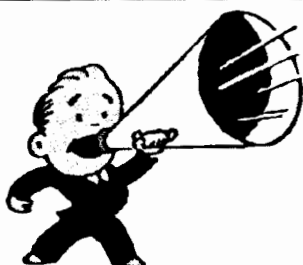
NEXT SEMARA VE SESSION

January 6, 2001
10:30 am
SEMARA Clubhouse

LOCAL VE SESSIONS IN JANUARY

- 08 Brookline, MA
Bob Wondolowski
508-865-5822
- 11 Providence, RI
Judy Nelson
401-231-9156
- 13 Falmouth, MA
Ben Fleck
508-540-2583
- 20 Marlborough, MA
William Wade
781-891-9079
- 24 Cambridge, MA
Nick Alterndbernd
617-253-3776

E. K. ROGERS, W1EB, MAKES MAJOR DONATION TO CLUB



Earl K. Rogers, W1EB, donated a carload of radio equipment and parts to the club in mid December, including a complete Hallicrafters radio set-up consisting of a HT-44 transmitter with power supply and a SX-117 receiver. Also included in the package was a set of 53 new spare tubes "in-the-box" for the Hallicrafters station. The remainder of the donation consisted of several boxes of radio parts including transformers, headsets, speakers, capacitors, resistors, transistors, tubes, and similar "goodies." An old VCR and an amplifier rounded out the donation. *Thanks, Earl, for this most generous donation to the club.*

TECHNICAL TIPS

Years ago, wiring runs within equipment were laced together with a waxed flat braided cord. The old ARRL handbooks even carried pictures of the "correct" way to loop the cord along the wiring run.

Today, plastic tie-wraps have replaced waxed cord as the preferred method of securing wiring runs. The plastic tie-wraps come in various colors and sizes and even come in a version resistant to degradation by ultraviolet light when used outdoors.

However, did you know that where you need to rigidly "lock" a wiring run in place a square "locking" pad with a self-stick adhesive backing is made? After the pad is installed, the tie-wrap is looped through a slot on the pad and around the wiring run.

Did you also know that tie-wraps are made with a large tab attached to allow identifying information to be noted? These are great for marking coax cables. (80M, 40M...)

2001 FLEAMARKETS

- March 25 - Framingham, MA
- April 1 - Southington, CT
- April 15 - MIT Cambridge, MA
- May 19 - Forestdale, RI
- May 28 - MIT Cambridge, MA
- May 26 - Vernon, CT
- June 17 - MIT Cambridge, MA
- July 15 - MIT Cambridge, MA
- Aug 19 - MIT Cambridge, MA
- Sept 9 - SEMARA FLEA!
- Sept 15 - Forestdale, RI
- Sept 16 - MIT Cambridge, MA
- Oct 21 - MIT Cambridge, MA

NET DIRECTORY

— Sunday —

8 am 28.375 SEMARA NET
9:30 am 50.225 Yankee SSB

— 4th Sunday —

9 pm 449.575 EM-ARRL

— Daily —

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

— Monday to Friday —

7:30 am 14.262 SEMARA NET
8 pm 145.490- Weather

— Thursday —

8 pm 147.180+ Trivia

— Saturday —

1800G 14.300 Coast Guard

— SEMCARES NET —

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



VISIT THE SEMARA WEBSITES

WWW.LRH.NET/SEMARA/SEMARA.HTM

WWW.EGROUPS.COM/GROUP/SEMARA

SEND E-MAIL TO: W1AEC@ARRL.NET

"NAME THAT CIRCUIT" ANSWER

2.) NAND gate equivalent

SEMARA OFFICERS

2001

President William Miller Jr., K1IBR
Vice-President Raymond Arruda, KB1EVX
Secretary Henry Blanchett, W1GYL
Treasurer Scott Szala, W1EV

Board of Directors:

Edward Blouin, KA1AW
Martin Jordan, KA1YFV
Robert Metivier, N1XZJ

Trustees:

Frank Fonseca, WB1ASD - Chairman
Martin Jordan, KA1YFV
William Vincent, W1POW
Edward Blouin, KA1AW
Norman Riley, W1ATI

SEMARA EVENT CALENDAR

JANUARY 2001

- 4 - Business Meeting, 7:00 pm
- 6 - VE Session, 10:30 am
- 11 - 2 Meter Foxhunt @ clubhouse, 7:00 pm
- 18 - Tech-Talk, 7 pm, "The New Club Repeater" by Bill Miller, K1IBR
- 25 - Board of Director's meeting, 7:00 pm

FEBRUARY 2001

- 1 - Business Meeting, 7:00 pm
- 3 - VE Session, 10:30 am
- 8 - 2 Meter Foxhunt @ clubhouse, 7:00 pm
- 15 - Tech-Talk, 7 pm, "The NTS Traffic System" by Andy Reuter, WA1FNM

Coffee Hour at the clubhouse every Sunday at 9:00 am. Drop by and ragchew!

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location
144			
145.150 -	123.0	WA1DGW	Fall River
145.490 -		KD1CY	Fairhaven
146.445 +1Mhz	91.5	KB1BWN	Dartmouth
146.655 -	88.5	WA1GPO	Falmouth
146.685 -		W1LM	Plymouth
146.955 -	88.5	K1PBO	Dennis
147.000 +	67.0	W1AEC	Dartmouth
147.135 +	67.0	ND1N	Taunton
147.180 +	67.0	W1MV	Bridgewater
147.315 +	156.7	N1BBT	Wareham
220			
224.340 -		K1KEK	Dennis
224.840 -	100.0	K1LIQ	Tiverton, RI

Frequency	CTCSS	Call	Location
440			
441.400 +	192.8	WG1U	Assonet
442.200 +	88.5	N1NRL	Fall River
442.600 +	100.0	K1LIQ	Tiverton, RI
443.450 +	88.5	K1MYL	Westport
443.500 +	141.3	K1PBO	Barnstable
443.600 +		NS1N	Norwell
443.800 +	88.5	N1RFH	Dartmouth
444.200 +	118.8	N1YHS	Bourne
443.850 +	131.8	W1ARM	Chatham
444.250 +	141.3	WA1GPO	Falmouth
444.350 +	88.5	W1ACT	Fall River
444.550 +	88.5	W1MV	Bridgewater
447.075 -	88.5	N1DZD	Kingston

Please support these fine sponsors of our newsletter

NEW BEDFORD LINGUICA COMPANY, INC.
Manufacturers Of



56 Davis Street
New Bedford, MA 02746
[Http://www.fragozo.com](http://www.fragozo.com)

Phone (508) 992-9367
Fax (508) 992-9398
Credit Cards Accepted



Cappuccino
Gourmet
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, South Dartmouth, MA 02748

PLACE LABEL HERE

FIRST CLASS

Scanned by N1TI
January 2011