



ZERO BEAT

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



OUR 70th YEAR

Volume 38, Issue 1

SEMARA W1AEC

January 2002

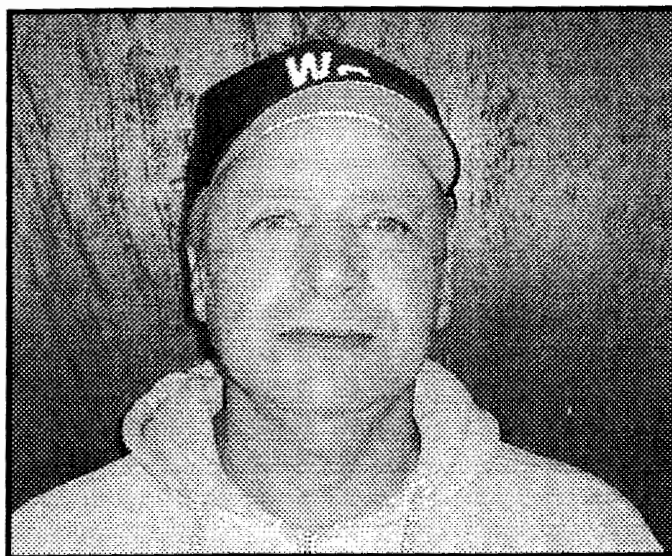
RAY ARRUDA, KB1EVX, ELECTED PRESIDENT

At the December 6th business meeting, **Ray Arruda, KB1EVX**, was elected president of SEMARA for the year 2002. Ray is an active member of the club and was vice-president during the year 2001. Under Ray's guidance the year 2002 should prove to be a banner year for the club.

The only contested races in the election were the three slots on the Board of Directors and one Trustee position. Following the tabulation of the ballots, the following members won slots on the Board of Directors: **Ed Blouin, KA1AW**; **Marty Jordan, KA1YFV**; and **Andy Reuter, WA1FNM**. **Andy Reuter, WA1FNM**, was also elected a Trustee of the Association.

The ballots were tabulated by club members **Carl Bredberg, K1KID**; **Mark Jodoin, KA1WBF**; and **George Kirkwood, KB1HJL**.

A special "Thank You" goes out to **Andy Reuter, WA1FNM**, who chaired the Nominating Committee, and committee members **Ray Arruda, KB1EVX**, and **Bill Vincent, W1POW**.



Ray Arruda, KB1EVX

SEMARA 2002 OFFICERS

PRESIDENT - Ray Arruda, KB1EVX

VICE PRESIDENT
Bill Miller, K1IBR

SECRETARY
Henry Blanchett, W1GYL

BOARD of DIRECTORS

Ed Blouin, KA1AW
Marty Jordan, KA1YFV
Andy Reuter, WA1FNM

TREASURER
Scott Szala, W1EV

TRUSTEE
Andy Reuter, WA1FNM

ZERO BEAT

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

EDITOR

William M. Miller Jr. K1IBR
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 E-Mail: EDITOR@SEMARA.ORG

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?



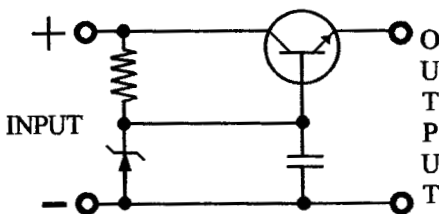
HURRICANE BELLE - AUGUST 1976

Dale Woodyard, W1WGE, (speaking into the microphone) and Jerry Markle, W7KDQ, (recording reports) provide communications between the local Red Cross shelters and New Bedford Red Cross headquarters during hurricane Belle. They are shown operating out of the old Quonset hut clubhouse.

Hurricane Belle hit the area on August 9-10, 1976 causing 24 million dollars worth of damage and claiming 12 lives. It was the earliest hurricane ever to affect the area. At the time, it was the most damaging hurricane to hit the area since Carol in 1954.

The club had a close liaison with Red Cross in years past and provided communications for several local emergencies. In fact, club member **Ralph Morris, W1QUE**, was the Red Cross radio officer for many years.

NAME THAT CIRCUIT



- 1.) REGULATED P/S
- 2.) COMMON BASE AMPLIFIER
- 3.) REFLEX OSCILLATOR
- 4.) MISSING PULSE DETECTOR
- 5.) AGC AMPLIFIER/LIMITER

ANSWER - See page 7

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IMPORTANT NOTICE

The membership voted to accept the new Constitution, and as provided therein all dues were eliminated. All existing members are now life members. New members shall only pay a \$20 initiation fee. **DO NOT** send any dues to the Treasurer.

MEETING MINUTES

The December business meeting was called to order at 7:02 pm by President Bill Miller, K1IBR. Twenty-Six members and one guest were present. Following the salute to the flag, the Secretary's, Board of Directors, and Treasurer's reports were read and accepted.

Committee reports -

Technical - Polyphasor lightening protectors for HF station on order. Noise on repeater input frequency appears to come from St. Luke's hospital. Micor transmitter and receiver put in separate cases to eliminate intermod problems.

Buildings and Grounds - Andy Reuter reminded members not to empty ash trays in waste baskets as it can cause fires.

Activities - Family Night planned for February. It will be dinner at a local restaurant.

Scholarship - No report.

Internet - E-Mail system up and running. (See page 6 for full details.)

Communications - None.

Ratifications - The following applicants were voted members of the club:

- Kenneth Gillum, W1QJR**
- Frank Macedo, KA1VSA**
- Glenn Sturgeon, KA1FAV**

Welcome to the club!

President Bill Miller read a Public Service Commendation that the ARRL awarded to Steven T. Hall, KB1GVT, of Maine. Steve was awarded the commendation for reporting a brush fire on Lathrop Island in Leeds, Maine. Several club members know Steve as he grew up in this area.

Old Business - None

New Business - The following motion was made and passed:

Motion authorizing the club president, vice-president, secretary, and treasurer to place their names on file with the bank where the club financial accounts are maintained. (This motion is required by the bank whenever we change the names on file, as we do after each yearly election.)

For the good of the club - The club property has been surveyed and markers set at all corners. John Carreiro volunteered to contact Stan & Paul's Appliances and solicit a donation of a used refrigerator in return for an ad in ZERO BEAT for one year. The refrigerator will be used to hold food supplies for the annual Fleamarket and similar events. The present apartment-size refrigerator is way too small, and is chock full of soda to boot.

ELECTION OF 2002 OFFICERS

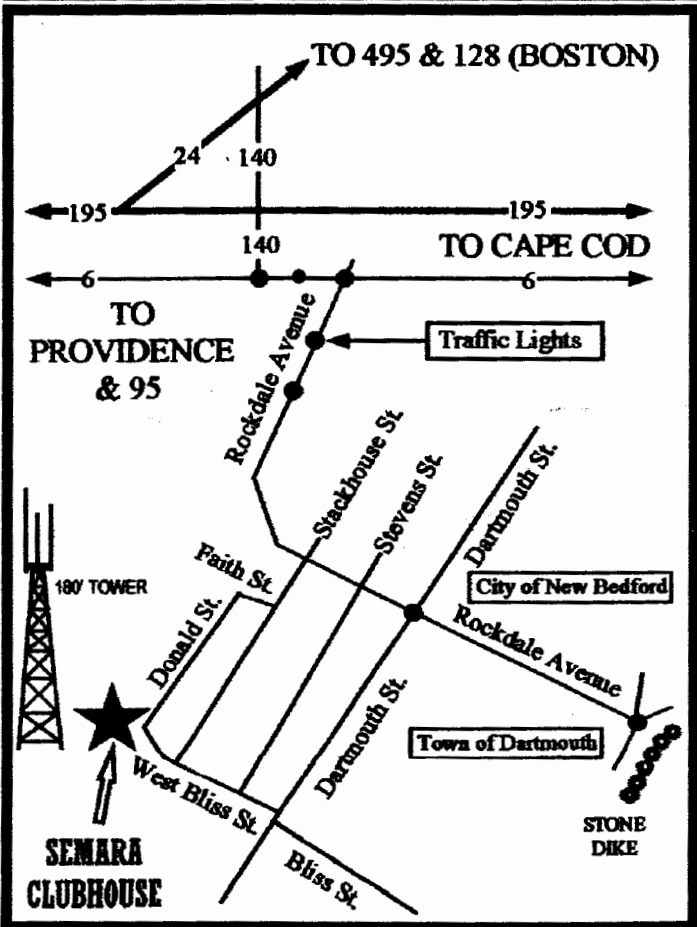
The election process opened with a call for any last minute nominations from the floor. Hearing none, nominations were closed and the election held. The following members were elected to the respective offices:

- PRESIDENT - Ray Arruda, KB1EVX
- VICE-PRESIDENT - Bill Miller, K1IBR
- SECRETARY - Henry Blanchett, W1GYL
- TREASURER - Scott Szala, W1EV
- BOARD OF DIRECTORS -
- Ed Blouin, KA1AW
- Marty Jordan, KA1YFV
- Andy Reuter, WA1FNM
- TRUSTEE - Andy Reuter, WA1FNM

The ballots were tabulated by club members Carl Bredberg, K1KID; Mark Jodoin, KA1WBF; and George Kirkwood, KB1HJL.

The meeting adjourned at 8:10 pm.

DIRECTIONS TO CLUB





CLUB NOTES

Another year is upon us. The month kicks off "big time" on the 1st with New Year's day. Then Martin Luther King Day rolls around on the 21st. Will you keep your New Year's resolution this year?



Dick Simpkin, DWAICRA, spent a week in Tobey hospital in mid December. Dick's blood pressure was acting up a bit. Fortunately, he was released the day of the club's Christmas Party and was able to attend.



The grand Door Prize at the club's fall Fleamarket will be a MFJ-259B SWR analyzer. Since the grand prize last year was a radio, it was decided to offer a test set this year.

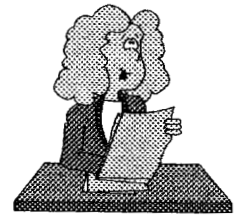


Three former members were inducted back into the club at the December business meeting: **Kenneth Gillum, W1QJR**; **Frank Macedo, KA1VSA**; and **Glenn Sturgeon Jr., KA1FAV**. *Welcome back to the club!*

Members are reminded to put their soda can pull-tabs in the large plastic jar in the club meeting hall. The tabs are sold as scrap aluminum by the Shrine Club of S.E. Massachusetts and the proceeds used to cheer up children in the Shrine Burn and Orthopedic hospitals.



Word on the street is that **Rachael Mara** reads every copy of ZERO BEAT before her husband Don is allowed to peruse it. Is this some form of censorship or what?



HAPPY NEW YEAR

SHOW & TELL NIGHT

A "Show and Tell" night will be held at the clubhouse on Thursday, January 10, 2002. Here is a chance to showoff your latest construction project or kit you made. Maybe you reconditioned an old radio and want to display it. The choice is yours, and it doesn't even have to be radio related, as long as it has general appeal. Heck, most anything goes. Anyone build a telescope? Tesla coil? Surprise us! (Please, no drum demonstrations!)

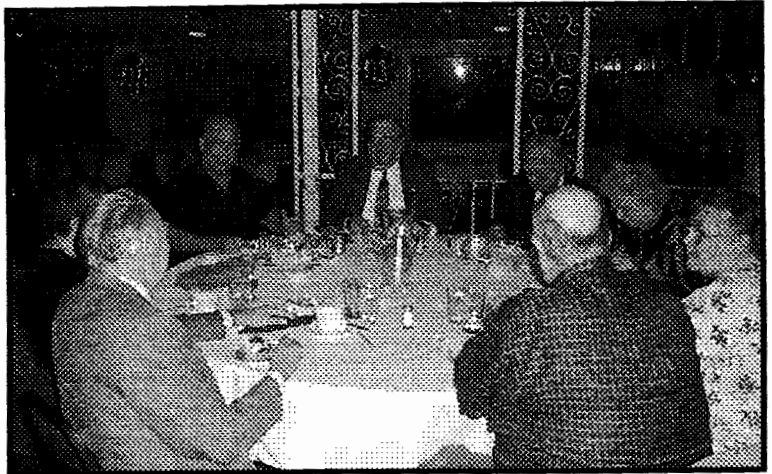
The formal presentations shall take no more than one hour total. Therefore, if only one member brings in something he has the floor to himself. If six members show up with projects, they each will get 10 minutes, and so forth. After the formal presentations, an informal question and answer session and general ragchew session shall take place.



SEMARA CHRISTMAS PARTY

The club's annual Christmas Party was held at the Century House in Acushnet, MA on December 13th. Event Chairman was **Bill Hargreaves, N1QMU**. The meal was a super-deluxe buffet with Prime Rib and Baked Stuffed Shrimp heading up the list of entrees. Other offerings at the buffet table included baked ham, fried chicken, tortellini, oven-browned potatoes, carrots, and string beans to name a few. Members commented the food preparation was excellent, although we did run out of baked stuffed shrimp. (Maybe it was just TOO GOOD!)

Following the meal and dessert, the traditional gift exchange was held.



FAMILY APPRECIATION DINNER SET FOR FEBRUARY 16TH



A "Family Appreciation Dinner" will be held at the Century House in Acushnet on Saturday, February 16, 2002. Appetizers will be served at 12 noon. A Deluxe Buffet (Prime Rib, Baked Stuffed Shrimp, Ham, etc.) will be served at 1 pm and followed by family-style entertainment - the "Susie Star Show." The event is planned as a fun experience for the whole family.

Tickets are \$20 each, and must be purchased no later than the February 7th business meeting.



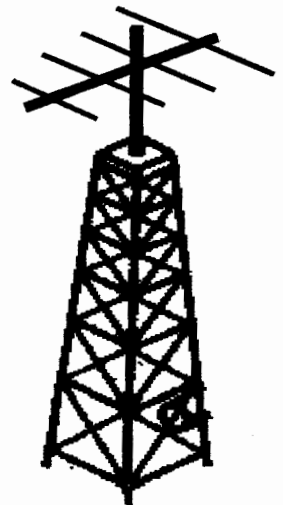
150' ROHN SSV TOWER DONATED TO CLUB

On Monday, December 10, 2001, a 150 foot Rohn SSV tower donated to the club by Al Costello of NETCOM Wireless Facilities, Inc. was moved from Plymouth, MA to the club's property.

With the help of a Bobcat used to hoist the tower legs and angle-iron braces, members loaded the six-ton tower sections (legs and braces) onto a large trailer. The Bobcat was provided by NETCOM and operated by Al Costello, KB1EAG. A pickup truck provided by Ray Arruda, KB1EVX, was used to haul the tower hardware and 4x4 wood blocks used to support the tower during storage.

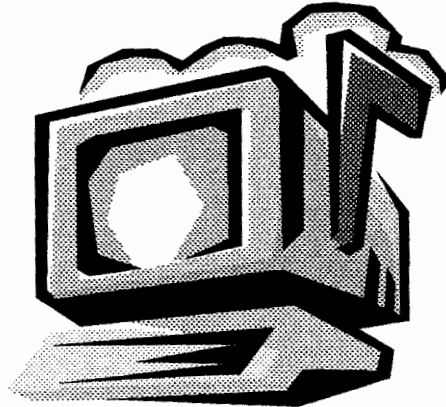
Plans call for using the top 80 foot of the tower to support a HF beam or log-periodic antenna. It appears the tower can be erected on the south edge of the club's yard about where the telephone pole supporting the 40/80 meter dipole currently is. Underground conduits will connect the antenna and rotator to the club's radio room. Inverted "V"s can also be mounted on the tower for 160/80/40 meters.

Members that worked on moving the tower include: Ray Arruda, KB1EVX; Al Costello, KB1EAG; George Kirkwood, KB1HJL; Bill Miller, K1IBR; Andy Reuter, WA1FNM; Scott Szala, W1EV; and Bill Vincent, W1POW.



WWW.SEMARA.ORG

The club's website is currently under development. The Internet Committee chaired by **Larry Houbre, AAIFS**, is actively working to get the main site completed by next spring. The website is hosted by Aletiahosting. At the present time, the following E-Mail lists have been completed and are operational:



SEMARA@SEMARA.ORG or

MEMBERS@SEMARA.ORG - Forwards E-Mail to club members listed on the following mailers:

SEMARA-L@LRH.NET

SEMARA@YAHOOGROUPS.COM

OFFICERS@SEMARA.ORG or

WIAEC@SEMARA.ORG or

INFO@SEMARA.ORG - Forwards E-Mail to the club officers.

BOD@SEMARA.ORG - Forwards E-Mail to the Board of Directors.

TRUSTEES@SEMARA.ORG - Forwards E-Mail to the Board of Trustees.

WEBMASTER@SEMARA.ORG - Forwards E-Mail to the club's Internet Committee.

EDITOR@SEMARA.ORG - Forwards E-Mail to the editor of ZERO BEAT.

Please note that all of the above E-Mail addresses forward to other sites or individual addresses. There are no so-called E-Mail boxes on the club's site. It's up to all members to keep their current E-Mail address updated on both the SEMARA-L@LRH.NET and SEMARA@YAHOOGROUPS.COM lists to assure proper delivery of all E-Mail.

In the coming months as the SEMARA.ORG site is developed, full details will be presented in ZERO BEAT. This project is a big undertaking and will truly never be done. Members with comments relative to the project or suggestions for pages on the site should E-Mail them to WEBMASTER@SEMARA.ORG

SEMARA Internet Committee

NEXT SEMARA VE SESSION

January 5, 2002

10:30 am

SEMARA Clubhouse

VE SESSIONS IN JANUARY

10 Providence, RI

Judy Nelson
401-231-9156

12 Falmouth, MA

Ben Fleck
508-540-2583

14 Brookline, MA

Bob Wondolowski
508-865-5822

19 Marlborough, MA

William Wade
781-891-9079

23 Cambridge, MA

Nick Alterndbernd
617-253-3776

"I have ever deemed it fundamental for the United States never to take active part in the quarrels of Europe. Their political interests are entirely distinct from ours. Their mutual jealousies, their balance of power, their complicated alliances, their forms and principles of government, are all foreign to us. They are nations of eternal war."

Thomas Jefferson (1823)

TECHNICAL TIPS

Some amateurs build replicas of old crystal sets and tube-type radio run off batteries. The challenge is to make the newly created apparatus look old and well used.

One trick that has been around for years is the use of tea to impart a brown stain to the wooden base crystal sets are constructed on. Be sure to use wood a full 3/4 inch thick as was common back 100 years ago.

Metal parts can be "aged" with chemicals used by gunsmiths and stained glass artists. Gunsmiths use chemicals to make metals turn blue, brown, or black. Soldered joints can be "aged" nicely with chemicals used by stained glass craftsmen.

Finally, to give your reproduction a "used" look, use steel wool or very fine sandpaper to take the sheen off the bakelite panel around knobs and controls. Be sure to impart the scratches just as fingernails would as the knob is turned.

2002 FLEAMARKETS

March 16 - Pomfret, CT

April 21 - MIT

May 19 - MIT

May 21 - Vernon, CT

June 8 - Falmouth, MA

June 16 - MIT

July 21 - MIT

August 18 - MIT

August 24,25 - Boxboro

September 8 - SEMARA!

September 15 - MIT

NET DIRECTORY

— Sunday —

8 am 28.700 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

GROUPS.YAHOO.COM/GROUP/SEMARA

SEND E-MAIL TO: INFO@SEMARA.ORG

"NAME THAT CIRCUIT" ANSWER

P/S DELATED P/ (1)

SEMARA OFFICERS

2002

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

Board of Directors:

Edward Blouin, KA1AW
Martin Jordan, KA1YFV
Andrew Reuter, WA1FNM

Trustees:

Martin Jordan, KA1YFV - Chairman
William Vincent, W1POW
Edward Blouin, KA1AW
Norman Riley, WIATI
Andrew Reuter, WA1FNM

SEMARA EVENT CALENDAR

JANUARY 2002

- 3 - Business Meeting, 7:00 pm
- 5 - VE Session, 10:30 am
- 10 - Show & Tell Night, 7:00 pm
- 17 - Tech-Talk, 7 pm,
"Model Railroading"
by Dave Dean, K1JGV



FEBRUARY 2002

- 2 - VE Session, 10:30 am
- 7 - Business Meeting, 7:00 pm
Election of Officers for 2002
- 14 - Foxhunter's planning meeting 7 pm
- 16 - FAMILY APPRECIATION DINNER
12 noon @ Century House
- 21 - Tech-Talk, 7 pm,
"Trunking Radio technology"
by Scott Halligan, KC1UA / Tim
Smith, N1TI

Coffee Hour at the clubhouse every Sunday at 7 - 11 am. Drop by and ragchew!

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location
144			
145.150 -	123.0	WAIDGW	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
146.730 -		W1SGL	Sandwich
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

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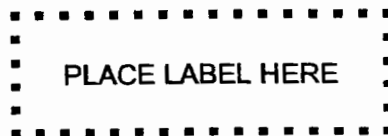
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FIRST CLASS

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