



ZERO BEAT

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



OUR 68th YEAR

Volume 36, Issue 8

SEMARA W1AEC

August 2000

ANTENNA DESIGNER LOUIS VARNEY, G5RV, SK

Louis Varney, G5RV, inventor of the world-famous G5RV antenna died on June 28, 2000. He was 89 years old.

In the mid sixties Lou designed the multi-band wire antenna that bears his call letters. He first described the design in the November 1966 issue of the Radio Society of Great Britain (RSGB) Bulletin. The design was an instant success and became a mainstay antenna in amateur radio circles. Even today several manufacturers sell the G5RV antenna, an antenna that has withstood the test of time.

Lou used two versions of the antenna at his QTH - one was a full size design, the other was a double-size version. Both were fed with open wire feedline.

Active in amateur radio until very recently, Lou kept regular on-the-air schedules. He was also life president of the Mid-Sussex Amateur Radio Society and was a 74 year member of the RSGB.

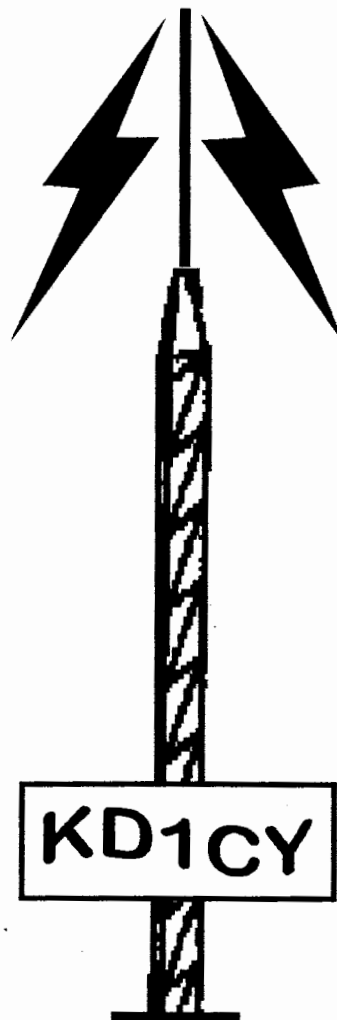
Burial services were held on July 4, 2000 in Brighton, England. He is survived by his wife Nelida.



145.490 FAIRHAVEN REPEATER SOLD

Marc Jodoin, KA1WBF, recently announced the sale of the Fairhaven 145.490 repeater to Rob Macedo, KD1CY.

Marc owned and operated the repeater for nine years as the New Bedford FM Repeater Group. However, since buying his first home last year, his free time has been at a premium and as a result he decided to sell the repeater.



According to a paper announcing the sale, there will be no changes in the day-to-day operation of the repeater as a result of the repeater's transfer of ownership. In fact, Marc, along with Larry Lygren, WB1DBX, and Sonny Mello, KA1ESG, will remain onboard as control operators and programmers. (Old timers will recall that Larry was the original owner of the repeater in the late 1980s.)

Current members of the 145.490 repeater will receive renewal notices this fall from the new owner Rob Macedo, KD1CY.

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

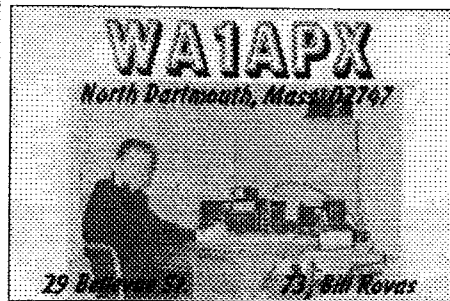
ADVERTISING

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?



The year was 1965 and Bill Rovas, W1APX, was a young 16 year old ham!

On May 19th of that year Bill made a special CW QSO with Jozef, SP4AJG, in Olslyn, Poland. Bill's Grandmother, a Polish immigrant, was also in the room as Bill worked Jozef. It turned out that Jozef lived only 20 KM (12 miles) from where Bill's grandmother originally lived years ago in Poland!

That QSO had a lasting effect on Bill. He describes it in his own words: "The conversation on Morse code was very welcome and special. It was NOT signal, QTH, name, and Pls QSL.... That fine QSO lasted long after we signed and Jozef still brings a smile to my face when I think of him and that young teenage boy, W1APX... He made a fine difference whether he knows it or not..."

Bill worked Jozef with a AMECO TX-86 transmitter and a Drake 2-B receiver. Bill still has the Drake 2-B receiver.

NEXT SEMARA VE SESSION

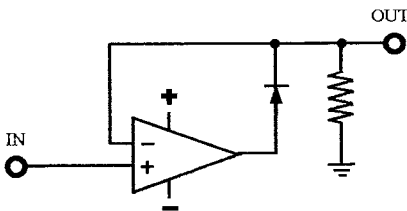
August 5, 2000
 10:30 am
 SEMARA Clubhouse

LOCAL VE SESSIONS IN AUGUST

- 10 Providence, RI
 Judy Nelson
 401-231-9156
- 12 Falmouth, MA
 Ben Fleck
 508-540-2583
- 14 Brookline, MA
 Bob Wondolowski
 508-865-5822
- 23 Cambridge, MA
 Nick Alterndbernd
 617-253-3776



NAME THAT CIRCUIT



- 1.) DC Restorer
- 2.) Dead Band Detector
- 3.) Window Comparator
- 4.) Precision Diode Rectifier
- 5.) Scaling Adder

ANSWER - See page 7

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

"A positive attitude won't let you do anything. But it will let you do everything better than a negative attitude will."

Zig Ziglar

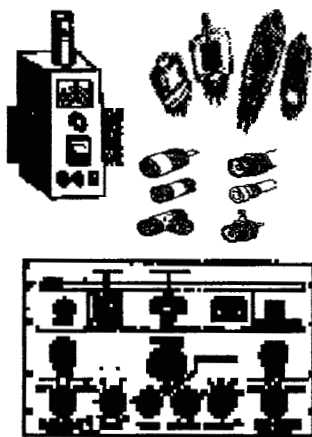


CLUB NOTES

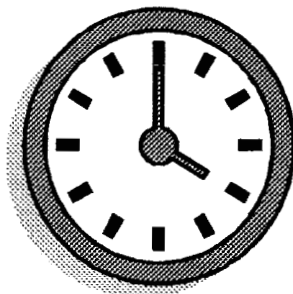
August. Heat waves. Dog days. High humidity. Not my favorite month of the year! Yet some people live for August - they are confirmed beach lovers. There are no major holidays in the month of August.



A big "THANK YOU" goes out to Steve Spulock, N1DSN, and Tony Oliveira, W1PWL, who recently donated huge loads of radio parts and equipment to the club. Steve's gift was prompted by the selling of his home and moving to a new apartment. Tony was "cleaning out the shop" and felt the club could use the items at the fleamarket.



Need accurate time on your computer? A free program is available that synchronizes your computer's clock to the NIST Network Time Service. Check it out at: www.bldr-doc.gov/timefreq/service/nts.htm



The club is planning an amateur radio class starting in January of next year. Members are solicited that would be interested in teaching ONE class. If interested, contact Brad Anselmo at (508) 991-5466 or by E-Mail at n1vuf@amsat.org



INSTRUCTORS WANTED!

It is with deep regret we report the death of former member John (Jack) Mello, W7LUL, (ex-W1IOA) at age 60. Jack lived in Scottsdale, Arizona and passed away on July 13, 2000. (via W1FJJ)



Al Crook, N1ALN, recently underwent open heart surgery and is now home convalescing. Wishing you a speedy recovery Al, we all hope to see you at the clubhouse again real soon!



Members are reminded to renew their ARRL membership through the club. The club gets a small portion of the renewal fee. Contact the club Treasurer John Carreiro, W1ZYV, for full details. E-Mail John at: w1zyv@bigfoot.com



Oops! Your fast typing editor did it again! In last month's article about seeding the lawn, Dave Dean's call was listed as K1JVG. It should have read K1JGV. Sorry Dave, I'll try harder...



HAM LIES HEARD ON THE AIR

"You're 599 - please repeat your call..."

"Got a land line, 73..."

"I only own one radio."

"I worked the FC9 on the first call!"

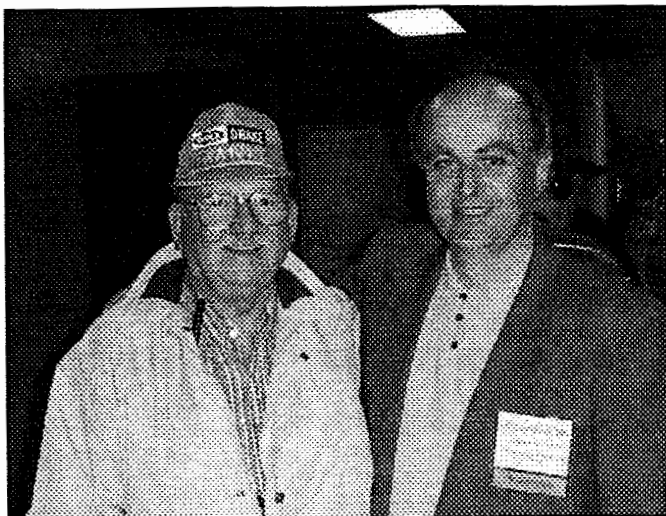
"I picked up a mint Collins transceiver for \$150."

"Oops, just got the chow call..."

"Your QSL will be in the mail tonight."

DAYTON HAMFEST PICTURES

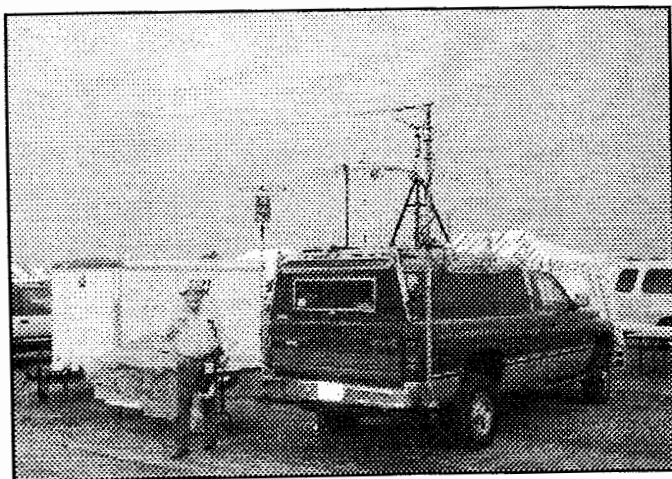
Sent in by Bill Rovas, WA1APX/8



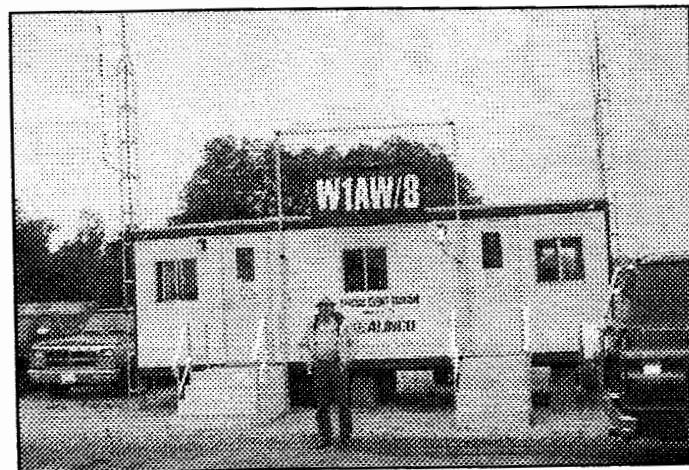
Ed Rovas, WA1VXY, and Sindre Torp, LA6OP



N8KVC's setup at the Dayton Fleamarket



Talk about mobile antennas!



W1AW/8 - ARRL



ASSORTED FLEAMARKET VIEWS



MEETING MINUTES

The June business meeting was called to order at 7:07 pm by President Chris Smith, K1CJS. Twenty-two 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* - The backup repeater is working super. It was recommended that the Kendecom repeater be broken down into three sections - controller, transmitter, and receiver. *Buildings and Grounds* - Both club porches have been treated with sealer/protector. *Activities* - No report. *Ham Class* - No report. *Scholarship* - No report. *Constitution* - Still under review.

Communications - Bill Miller reported that the Standard-Times will be doing three articles on amateur radio in the coming weeks.

Ratifications - None.

Old Business - The follow-

ing motions were approved:

- 1) Motion to split Kendecom into three units.
- 2) Motion to authorize Bill Miller to buy required connectors and cables to adapt Kendecom to three unit use.

New Business - The following motions were made and passed:

- 1) Motion to appropriate \$50 to secure a room at Thad's Steakhouse for the club's Christmas Party.
- 2) Motion authorizing Bill Miller to spent up to \$500 securing equipment required to upgrade the club's repeater.
- 3) Motion to purchase 20 cement blocks for club Fleamarket use.
- 4) Motion authorizing Tim Smith to install an

APRS system at the club tower site. Tim will own and operate the system.

- 5) Motion to request NET-COM to place a lock on the gate at the tower site for liability purposes.

Good of the Club - Chris Smith announced that the Fall River radio club is holding a GEEKFEST 2000 at the American Legion Hall in Swansea. Chicken dinners will available for \$7 each and Clam Boils for \$12 each. They must be pre-ordered. Also available at the affair will be hot dogs and hamburgers. A swapfest/fleamarket shall also be available.

Tim Smith is setting up a home page for the club's foxhunts. Plans call for it to list all previous winners, have a technical section, pictures, and related items.

The meeting adjourned at 8:26 pm.

MEMBERS ONLY AUCTION PLANNED

A "members only" auction is planned following the August Business meeting. Members wishing to bid on any of the parts and equipment recently donated to the club can have the desired item put on the auction block.

Because of the amount of valuable equipment involved, the Board of Directors shall discuss the auction at their next meeting on July 27th. Their decision and recommendations shall be presented to the membership at the August business meeting for action.

If you are interested in old radio parts and equipment, be sure to attend this auction. It will be a certainly will be a "one of a kind" event!





TIM "TDOA" SMITH WINS FOXHUNT



Proving once again that "technology trumps talent," **Tim Smith, N1BTQ**, won the foxhunt using his TDOA "Doppler" direction finder.

Second place went to the team of **Bob Metivier, N1XZJ**, and **Henry Blanchett, W1GYL**, who used plain old signal strength readings to bag the fox.

Coming in third was **Ed Blouin, KA1AW**, and his pit bull **Kita, K9DOG**.

Last, but not least, place went to the team of **Chris Smith, K1CJS**, and **Charlie Days, WA1JFD**.

The fox, **Bill Miller, K1IBR**, along with **Mike Laronda, WA1OMI**, hid at a cul-de-sac at the end of a dead end street off Hathaway Road. They erected an 11 element beam and aimed it at the water tower at the head of Rockdale Avenue. This tactic **BLASTED** the signal in many directions in an attempt to muddle the readings on the feared TDOA directional finder that Tim Smith was using. Although Tim said he had to go in circles about 5 times, he did eventually zero in on the wily fox. Darn!

It must be noted that as soon as the hunt began, Bill Miller real-

ized he was just over the boundary line for permitted foxhunt operation. Bill was about to move when club President Chris Smith made one of his more important decisions of the year and directed Bill to stay put!

Of course Henry Blanchett of "Sewer Plant Incident" fame tried to make hay out of this turn of events later in the evening, but he was ignored.

As usual, following the hunt everyone went to Me & Ed's restaurant for a bite to eat, ragchewing, and listening to Henry pontificate...

*Bristol County Repeater Association
Fall River Amateur Radio Club*

GEEKFEST 2000

Saturday July 29, 12 noon to 5 pm
Swansea American Legion Post 303

*Swap-N-Sell
Hot Dogs Hamburgers
Door prize - Alinco 2m/440 XCVR*

DIRECTIONS TO EVENT

From Interstate 195 take exit 4A to Route 103 west. Proceed 7/10 mile through a blinking yellow light and take the next left onto Old Gardeners Neck Road. (Saint Anne's Credit Union is on the corner.) Proceed 3/10 mile on Old Gardeners Neck Road to the fourth intersection and turn right onto Ocean Grove Avenue. American Legion Post 303 is a big yellow building on the right about 100 yards down Ocean Grove Avenue at the bend in the road. Parking is available to the rear of the building.

Talk-In: 145.150 repeater (123.0 PL)

A MAN AND HIS DOG

Club members all know Ed's pitbull **Nakita**. She accompanies Ed on the foxhunts and is listed as **Kita, K9DOG**, in the foxhunt reports. However, there are many other amateur-type calls that lend themselves to a dog. For your edification and amusement, several are listed below:

**SPØT RØVER HØUND
DØGIE F1DO K9MUT
PØOCH GRØWL B1TCH**

NOQUOCHOKE ORCHARDS

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



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

TECHNICAL TIPS

One of the great inventions of all time has got to be plastic ties - the kind that latch as you pull them tight. They sounded the death knell for wire lacing! However, they have many uses around the shop in addition to holding wires together. Here are a few examples:

- Drill depth stop. Secure a tie on the drill bit at the depth you wish to drill the blind hole.
- Cable markers - cable one has 1 plastic tie, cable two has 2, etc. Use colored ties too!
- Power cord restraint - run cord through grommet into chassis, secure cord on inside with a few ties around it.
- Similar small parts such as washers and nuts can be stored together by securing them with ties.

2000 FLEAMARKETS

Aug 26 - MIT Cambridge, MA

Aug 26, 27 - Barnstable, MA

Sept 10 - SEMARA!

Sept 16 - Freetown, RI

Sept 17 - MIT Cambridge, MA

Oct 6, 7 - Rochester, NH

Oct 8 - Wallingford, CT

Oct 15 - MIT Cambridge, MA

Nov 4 - Londonderry, NH

Nov 5 - Framingham, MA

Nov 18 - Newton, 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 WEBSITE

WWW.LRH.NET/SEMARA/SEMARA.HTM

SEND E-MAIL TO: W1AEC@ARRL.NET

"NAME THAT CIRCUIT" ANSWER

4) Precision Diode Rectifier

SEMARA OFFICERS

2000



President Chris J. Smith, K1CJS
Vice-President Robert Metivier, N1XZJ
Secretary Henry Blanchett, W1GYL
Treasurer John Carreiro, W1ZYV

Board of Directors:

Martin Jordan, KA1YFV
William Miller Jr., K11BR
Scott Szala, W1EV

Trustees:

Norman Riley, W1ATI - Chairman
Frank Fonseca, W1IASD
Martin Jordan, KA1YFV
William Vincent, W1POW
Edward Blouin, KA1AW

SEMARA EVENT CALENDAR

AUGUST 2000

- 3 - Business Meeting, 7:00 pm
- 5 - VE Session, 10:30 am
- 10 - 2 Meter Foxhunt @ clubhouse, 7:00 pm
- 17 - Tech-Talk, "APRS Digipeaters" by "Tim Smith, N1BTQ"
- 19/20 - International Lighthouse/Lightship Weekend - see August issue for complete details.

SEPTEMBER 2000

- 7 - Business Meeting, 7:00 pm
- 10 - SEMARA FLEAMARKET
9 am - 1 pm at the Clubhouse
VE Session @ 10:00 am
- 14 - 2 Meter Foxhunt @ clubhouse, 7:00 pm
- 21 - Tech-Talk, "Dayton Hamfest Video - Drake Forum and other events" loaned by "Ed Rovas, WA1VXY"



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

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 -		KA1WBF	Fairhaven	442.200 +	88.5	N1NRL	Fall River
146.445 +1Mhz	91.5	KB1BWN	Dartmouth	442.350 +		N1OFD	Acushnet
146.655 -	88.5	WA1GPO	Falmouth	442.600 +	100.0	K1LIQ	Tiverton, RI
146.685 -		W1LM	Plymouth	443.450 +	88.5	K1MYL	Westport
146.955 -	88.5	K1PBO	Dennis	443.500+	141.3	K1PBO	Barnstable
147.000 +	67.0	W1AEC	Dartmouth	443.600 +		NS1N	Norwell
147.045 +		WA1A1C	Dennis	443.800 +	88.5	N1RFH	Dartmouth
147.135 +	67.0	ND1N	Taunton	444.200 +	118.8	N1YHS	Bourne
147.180 +	67.0	W1MV	Bridgewater	443.850 +	131.8	W1ARM	Chatham
147.315 +	156.7	N1BBT	Wareham	444.250 +	141.3	WA1GPO	Falmouth
220				444.350 +	88.5	W1ACT	Fall River
224.340 -		K1KEK	Dennis	444.550 +	88.5	W1MV	Bridgewater
224.840 -	100.0	K1LIQ	Tiverton, RI	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
Southern
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