



ZERO BEAT

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



OUR 68th YEAR

Volume 36, Issue 11

SEMARA W1AEC

November 2000

JOHN MAGUIRE - W1CDO - VISITS CLUB



JOHN MAGUIRE, W1CDO,
EXPLAINING FEATURES OF HIS
MOBILE HOME TO CLUB MEMBERS

It was "Old Home" week when former club member Johnny Maguire, W1CDO, visited the club. John recently retired as an airline pilot at the mandatory maximum age of 60 years old and was visiting friends and family in the area. During his stay of several days in the New Bedford area he requested and was granted permission to park his mobile home behind the club. While in the area he and his wife Judy toured around in his Cadillac which is rigged to be towed behind the mobile home when on the road. Both his car and mobile home have kilowatt ham rigs!

In the picture of his mobile home shown below, you can see the hydraulic arm raising the HF vertical antenna Johnny uses to "work the world." Most of the ham gear is neatly mounted on slide-out fixtures located in the side compartments of the mobile home with remote control heads installed "up-top" in the living area. The slide-out feature makes troubleshooting and repair a breeze! Massive batteries power the rigs with auxiliary power provided by an onboard AC generator located in the front of the mobile home. No detail was overlooked in the installation of the radio system. Johnny is congratulated for a job well done!

Several "Old Timers" dropped by the club on Sunday morning, September 24th, to share coffee and donuts with John and wish him the best in retirement. A great time was had by everyone.



JOHN MAGUIRE'S DELUXE MOBILE HOME AND HAM RADIO SHACK EXTRODINAIRE!

ZERO BEAT

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**Southeastern Massachusetts
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 54 Donald Street,
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EDITOR

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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.

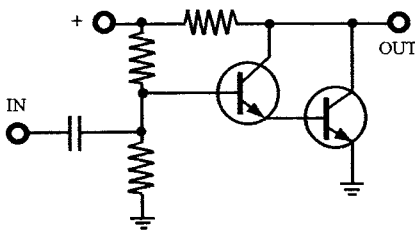
 THE DEADLINE FOR
 SUBMITTING ARTICLES FOR
 PUBLICATION IS THE 15TH
 OF THE PRECEDING MONTH.

REMEMBER WHEN?



Edward Lopes, W1BMQ Wilfred Caron
 Clarence Whitaker, W1LAZ

NAME THAT CIRCUIT



- 1.) FET Amplifier
- 2.) Modulated Oscillator
- 3.) Sweep Generator
- 4.) Bi-Phase Detector
- 5.) Darlington Amplifier

ANSWER - See page 7

It's early 1938 and three club members, Edward Lopes, W1BMQ, Clarence Whitaker, W1LAZ, and Wilfred Caron are pictured in the club's radio room at 47 Sidney Street in New Bedford.

Ed Lopes is checking out a code transmitter. Clarence Whitaker is tuning in stations on the club's receiver, while Wilfred Caron runs tests on a five meter transmitter.

In later years Wilfred Caron wrote several articles for QST as well as a book titled "Antenna Impedance Matching". That book simplified the use of the Smith Chart when matching reactive impedances and was published by the American Radio Relay League (ARRL) in 1989.

The above photograph was found in a scrap book given to the club by Ernest Lavalette's, W1FXH, widow.

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*"One kind word can warm
 three winter months."*

Japanese Proverb

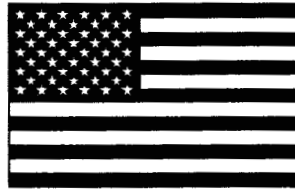


CLUB NOTES

November is the transitional month between fall and winter. Please remember those brave men and women that bravely fought for our freedoms on Veteran's Day, the 11th. Then on the 23rd enjoy a good turkey dinner on Thanksgiving Day.



A big "THANK YOU" goes out to Sam Wagstaff, NIPGN, for the American flag he donated to the club for use during the Fleamarket. Sam has donated several flags to the club through the years.



W1COP retired after 25 years as a policeman, care to guess what his wife's name is?

**W1COP
W1SUE**

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!**

Members are reminded not to park on the club grass until both parking areas are full. Considerable time and expense went into planting the grass this year and too much parking by cars will ruin the new grass.



Ed Blouin, KA1AW, suffered a stroke on Sunday evening October 8, 2001 and spent a several days in Saint Luke's hospital in New Bedford. After a week of rehabilitation at "The Oaks" in the Sassaquin area of the city he returned home. He is recovering fine, and we wish him a speedy recovery.



New club member Charles Moszczenski is officially a ham! The FCC issued him the call **KB1FRL**. Congratulations!

KB1FRL

We neglected to list John Walsh, WA1SLH, as a reinstated member last month. John hails from Westport, MA and first joined the club back in 1971. John previously held the calls WA1JDB and N1BZQ. Welcome back, John!

JOHN WALSH
~~WA1JDB~~
~~N1BZQ~~
WA1SLH

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 WIHAM
73 Radio Drive
So. Dartmouth, MA 02748

TIM SMITH WINS THE FOXHUNT...AGAIN!



The October 12th foxhunt was preceded by an E-Mail "spamming" of all SEMARA members with the usual taunts and brags of the fox. The fox for the evening was a team - **Chris Smith, K1CJS**, and **Charlie Days, WA1JFD**. Hunters were advised to have:

1) A FULL tank of gas. 2) A GPS. 3) A map in case your GPS craps out. 4) Ability to read maps. 5) Night vision goggles. 6) A valid credit card in case you run out of gas. 7) Food. 8) A commode as all rest stops are closed after 11 p.m. 9) Paper on a roll. 10) A 2 meter receiver that WORKS. 11) A valid Amateur license required to compete in this lunacy. 12) An antenna that WORKS. 13) A copy of the Foxhunt rules. 14) Information as to next of kin in the event you are never found after leaving for the hunt. 15) A will. It was one of the most nauseating E-Mails ever sent before a foxhunt.

In general, the E-Mail was ignored. If anything it only served to embolden the hunters as they were

confidant of their ability to find the fox. Well, shortly after 7 pm the hunt was on. And shortly after the hunt started the fox was found. So much for the above 15 items deemed necessary for all hunters. **Tim Smith, N1BTQ**, took first place when he found the fox in a *record setting 7 minutes!* In short, a month's worth of site scouting, and antenna preparation went up in smoke after only 7 minutes. It was a crushing blow to the fox's egos. In retrospect, they should have listed "crying towels" on the list so the hunters could hand them to the foxes...

So, where did the wily (?) fox hide? Under the Fairhaven bridge east of the Crystal Ice building. They used an 11 element beam with a large chicken wire screen behind it to beam the signal from under the bridge such that it reflected off the tall radio tower on Pope's Island. This was done in an (unsuccessful) effort to thwart the hunters using TDOA (Doppler) directional finders.

Second place went to the team of **Bob Geller, KAIYON**, and **Bill Miller, K1IBR**. Third place went to the team of **Bob Metivier, N1XZJ**, and **Henry Blanchett, W1GYL**. Following the hunt, most of the participants headed off to Bickford's restaurant for a bite to eat and a review of the evenings events. The foxes were very quiet...



FISTS NEW ENGLAND

For all CW enthusiasts: Fists New England (FNE) sponsors a medium speed ragchew net called by K1FFF/N1PVP (Marino) each Sunday at 8:30pm local time on 3698 +/- for qrm. K1FFF is the Club call for the New England Fists Club, an affiliate of FISTS International. Feel free to drop by to say a quick hello, or to stay a few minutes and chat. The K1FFF card is worth 3 points toward your FISTS awards. For further details contact K1FFF/N1PVP, FISTS New England Net Manager at n1pvp@arrl.net.

ALTERNATE SEMARA E-MAILER

You're invited to join an alternative email list dedicated to the SEMARA membership. This is an experiment to test reliability, performance and ease of use.

Attractive features of the list are the ability to switch your subscription off and on, view or post messages from anyone's web browser and receive notification of news and events in the club calendar.

The subscription process is moderated in order to restrict access to members only. The site also features pictures from our recent hamfest. Please join in and enjoy more of our club fellowship.

To subscribe to the group send an email to: semarasubscribe@egroups.com

To register visit:
www.egroups.com/group/semara

73, **Tim Smith, N1BTQ**
n1btq@ne.mediaone.net



MEETING MINUTES

The October business meeting was called to order at 7:04 pm by President Chris Smith, K1CJS. Twenty-five 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* – 50 ampere power supply and battery charger unit installed in repeater relay rack and put on-line. New duplexers scheduled to ship on October 12th. Modification of Motorola Micor unit underway. The new repeater should be on-line by November. *Buildings and Grounds* – New paper towel dispensers installed in rest rooms. *Activities* – No report. *Ham Class* – No report. *Scholarship* – No report. *Constitution* – No report. *Ham Class* – No report. *Christmas Party* – Reservations being accepted,

tickets will be available at the November meeting.

Communications - None.

Ratifications - The following new and reinstated members were voted into the club: **Gerald Fortin, N1RXZ; Charles Moszczenski, KB1FRL; Michael McDonald, KB1NB; James Lopes, WB1AQX; Michael Laronda, WA1OMI; Robert Geller, KA1YON; John Walsh, WA1SLH; Glen Silverberg, WA1OAJ; Paul Bernard, W1ZPE; Carl Bissonette, WA1AKR; Carl Bredberg, K1KIP; and Donald Loader, N1WEP.**

Old Business - The following motion was made and passed:

A motion authorizing the Treasurer to pay for Fleamarket ice, marking paint, towel dispensers, cleaning supplies, and 9X11 mailing envelopes pur-

chased for the club.

Bill Miller stated he doesn't have extra time to conduct club tours for boy scouts and school classes this fall. He suggested another member step forward and conduct the tours.

Cleaning of the clubhouse was discussed and then tabled until the next meeting.

New Business - The Treasurer pointed out the need to secure an accountant to help prepare our Federal and State tax filings. This would be a one-time deal to set things up for future use.

A motion was made and passed accepting the donation of a computer table from Bob Geller, KA1YON, for club use.

The meeting adjourned at 8:00 pm. Several members headed out to Bickford's Restaurant for a "second meeting" and good old ragchewing!

SEMARA Christmas Party

Thad's Steak House

1313 Ashley Boulevard, New Bedford, MA

Saturday, December 9, 2000

Cocktail Hour 6 to 7 pm - Dinner 7 pm Sharp



Meal Selections:

Prime Rib Au Jus

Baked Ham

Broiled Scrod

All meals \$15.00 each

A \$5.00 (optional) Christmas gift exchange will be held.
"Bring a gift and get a gift."

Tickets can be purchased at business meetings or by contacting Janice Smith at (508) 324-6230

**NOTICE: Seating is limited to 48 people.
 Tickets sold first come, first serve.**

COUNTY HUNTER NEEDS HELP

The following was sent to the editor by E-Mail:

Sent: Monday, September 25, 2000 10:31 PM
Subject: Bristol County, MA

Hi,
I'm a county hunter and I'm trying to contact all 3076 counties mobile to mobile. I need a contact with Bristol County. If you operate HF mobile, please let me know if we can setup a schedule. I think 40 meters would be best, but 20 may also work. If you are not an HF mobile operator, please pass this note to someone you know who does operate HF mobile.

Mobile-Mobile Only! SSB or CW. Normal Operating Hours are weekdays after 2200Z and most weekends. Home: (703) 729-1333. Pager: 888-434-2056, press 1 for numeric page, then enter frequency, eg: 14336, 14056, or 7238. Pager e-mail: 4342056@skytel.com, enter county, freq, time. Goal is to finish by summer 2001.

Thanks and 73, Ace N3AHA
Ashburn, VA
n3aha@countyhunter.net

NEXT SEMARA VE SESSION

November 4, 2000
10:30 am
SEMARA Clubhouse

LOCAL VE SESSIONS IN NOVEMBER

- 09 Providence, RI
Judy Nelson
401-231-9156
- 11 Falmouth, MA
Joanne Reid
508-548-1121
- 13 Brookline, MA
Bob Wondolowski
508-865-5822
- 18 Marlborough, MA
William Wade
781-891-9079
- 22 Cambridge, MA
Nick Alterndbernd
617-253-3776



IARU SEEKS INFORMATION ON UNLICENSED OPERATORS



The following was sent to the editor by E-Mail:

The International Amateur Radio Union (IARU) has requested information from hams about unlicensed operations from region 2. The IARU is particularly interested in documenting such activities in the 10 meter band. The information requested should include date/time in UTC, frequency, transmission mode, language, and any notes that might assist in identifying the source. Observations should also be limited to amateur frequencies and should include operations in the 'free band' between 10 and 11 meters.

Responses should be sent to Brennan Price, n4qx@arrl.org.

SPECIAL HAM AWARDS

WAN - Worked All Neighbors
RAGD - Raised All Garage Doors
TOAR - Timed Out All Repeaters
RBAL - Really Bored All Listeners!

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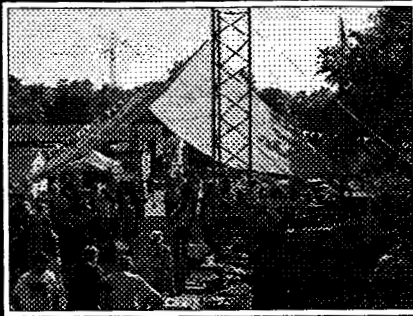
Apples - Pears - Peaches
Sweet Apple Cider - Squash
Westport Macomber Turnips
Hay & Custom Work

TECHNICAL TIPS

Homebrew equipment can be neatly painted with automotive spray paints. A medium gray metallic color is a good choice. Be sure to clean the surface with a solvent prior to applying the paint. Several thin coats are better than one thick application.

Press-on decals (Datak) can be used to mark the controls and meters on the panel. Even Dymo marking tape can be used. A real quick and easy method of marking - use permanent black ink marking pens with an ultra-fine tip. Even computer generated labels attached with contact cement are used by some builders.

After a few days of "ageing" panels should be coated with car wax or "Armor All" protectant for long-term protection.



2000 FLEAMARKETS

- Nov 4 - Loudonderry, NH
- Nov 5 - Framingham, MA
- Nov 18 - Newton, MA (Auction)

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

5.) Darlington Amplifier

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, KAIYFV
- William Miller Jr., K1IBR
- Scott Szala, W1EV

Trustees:

- Norman Riley, W1ATI - Chairman
- Frank Fonseca, W1IASD
- Martin Jordan, KAIYFV
- William Vincent, W1POW
- Edward Blouin, KAI AW

SEMARA EVENT CALENDAR

NOVEMBER 2000

- 2 - Business Meeting, 7:00 pm
- 4 - VE Session, 10:30 am
- 9 - 2 Meter Foxhunt @ clubhouse, 7:00 pm
- 16 - Tech-Talk, "ARC-5 & BC458A Conversions" by Mike Laronda, WAIOMI

DECEMBER 2000

- 2 - VE Session, 10:30 am
- 7 - Business Meeting, 7:00 pm
- 9 - SEMARA Christmas Party Thad's Steakhouse, 6 pm
- 14 - 2 Meter Foxhunt SEMARA Clubhouse, 7:00 pm
- 21 - Tech-Talk, "Digipeaters" by Tim Smith, N1BTQ

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 -		KA1WBF	Fairhaven
146.445 +1Mhz	91.5	KB1BWN	Dartmouth
146.655 -	88.5	WA1GPO	Falmouth
146.685 -		WILM	Plymouth
146.955 -	88.5	K1PBO	Dennis
147.000 +	67.0	W1AEC	Dartmouth
147.045 +		WA1AIC	Dennis
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	WGIU	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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SEMARA

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