



ZERO BEAT

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



OUR 72nd YEAR

Volume 40, Issue 10

SEMARA W1AEC

October 2004

FLEAMARKET REPORT

BY RAY ARRUDA, KB1EVX



ACTIVITY ON THE SEMARA MIDWAY



K1JGV

On Sunday morning September 12, 2004 SEMARA held its annual Flea Market. The weather was perfect for the festivities, with a larger number of vendors present compared to last years event. Many hams came away with some great bargains, and all had a very good time.

The traffic was heavy by the grill all morning manned by head chef **Mike McDonald, KB1NB** offering coffee, soda, hot dogs, linguica and hamburgers.



THE GRILL

A noontime drawing for door prizes took place. The grand prize winner of an Icom 2 meter/440 dual band HT was SEMARA

member **Juan Ramirez, KB1HKJ** ... congratulations, Juan! It was a great day with a chance for us to get together and enjoy the company and our shared interest in amateur radio.



Most importantly, SEMARA Officers and Flea Market co-chairmen sincerely thank all members who worked Saturday and Sunday, the 11th & 12th, to make this event a huge success. We had a large number of people on both days helping with Saturday set up and work details on Sunday. We are grateful to all of you for volunteering your time and efforts!



W1AEV



K1AHA



WA1ZCB



HAPPY FLEA-ERS

PHOTOS BY MIKE PONTE, WA1BZJ

ZERO BEAT

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

EDITOR

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ADVERTISING

Club members have one free non-
 commercial ad per month.

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

2004 SEMARA OFFICERS

President

Donald Manley, N1PMB

Vice President

Charles Moszczenski, KB1FRL

Secretary

Ronald Silvia, WB1HGA

Treasurer

Scott Szala, W1EV

Board of Directors:

Ray Arruda, KB1EVX

David Dean, K1JGV

Marty Jordon, KA1YFV

Trustees: (year term is up)

Edward Blouin, KA1AW (2004) - Ch.

Norman Riley, W1ATI (2005)

Andrew Reuter, WA1FNM (2006)

William Miller, Jr., K1IBR (2007)

Larry Houbre, Jr., AA1FS (2008)

WEBSITE:

<http://www.semara.org>

E-MAIL:

clubinfo@semara.org

FISTS CW

club no. is 10555

GPS Coordinates:

Lat. N 41° 36.795'

Long. W 070° 56.590'

IT SEEMS TO ME ...

If you want to become *invisible*, just volunteer to do something around the club. For example, SEMARA had a fantastic BBQ Chicken luncheon on September 18. Since it was a little damp and windy, everyone took advantage of



HAPPY DINERS

BBQ CHEFS—SLIGHTLY WINDBLOWN

the cozy dining room and socialized. What most people did not see was the incredible job being done by the chefs (see photo). Now, what's their names?

While I am on this track, I ask you to start thinking about running for a club office. According to Don, our dynamic President, just put your name up—that is called self-nomination. You will be surprised how easy it is to get elected. Of course if you prefer to work behind the scenes, just take a look at the list on **Page 5**. Pick one, any one, and you will feel better about yourself. *You are needed.*

What you do makes a difference—and no one will know your name. Seriously, there a lots of small, and large, jobs that make SEMARA what it is. Simply step up to the task and be part of this living, changing club.

DO IT NOW!

73 de Bob, K1KVV

HAMMING AROUND

G1E06* Should a repeater cause harmful interference to another repeater when a frequency coordinator has recommended the operation of one station only, who is responsible for resolving the interference?

- A. The licensee of the uncoordinated repeater
- B. Both licensees
- C. The licensee of the recommended repeater
- D. The frequency coordinator

* From the Amateur General Class (Element 3) Question Pool

ANSWER - See page 7



MEETING MINUTES

The September 1, 2004 Business Meeting was called to order at 7:00 p.m. by the President, **Donald Manley, N1PMB**. A quorum of 31 members was present.

The Secretary's report (**Ron Silvia, WB1HGA**) as it appeared in the previous issue of *Zero Beat* was accepted.

The Treasurer's report (**Scott Szala, W1EV**)—None, the Treasurer was absent.

STANDING COMMITTEE REPORTS

Buildings and Grounds (**Andy Reuter, WA1FNM**)—Repeated request that everyone please clean the club after themselves. Fire extinguishers to be recharged next month. The boiler needs to be serviced.

Communications (**Charles Moszczenski, KB1FRL**)—**Ron, WB1HGA** reports that volunteers are needed for the Big E exposition to man Ham booth and will provide info on the club reflector. Sept. 17 to Oct. 3, need 2 volunteers to man booth per shift and 3 on weekends. If interested, please contact <**K1HUI@yahoo.com**>.

Technical (**Tony Duarte, N1XRS**)—There was interference only one day, caused by amplifier and corrected.

SPECIAL COMMITTEE REPORTS

Scholarship (**Larry Houbre, Jr., AA1FS**)—None.

Internet (**Larry Houbre, Jr., AA1FS**)—None.

Activities (**Scott Szala, W1EV**)—No report.

Fleamarket (**Ray Arruda, KB1EVX & Andy Reuter, WA1FNM**)—Some positions still open. Asking for help to fill them. Discussion on roping off the grounds.

ARES (**Rob Macedo, KD1CY & Tony Duarte, N1XRS**)—Rob thanks everyone involved in the training workshop and for use of club building and those involved in cooking the dinner. Advises all to listen for Hurricane Frances weather reports.

*Ratifications**—Three applications for membership were voted life members (see page 4 for details).

President's Comments (**Donald Manley, N1PMB**)—Reminds members about help needed at the fleamarket.

Old Business—None.

New Business—None.

For the Good of the Club—A round of applause for ARES folks doing a wonderful job running and maintaining ARES activity..

The meeting adjourned at 7:30 p.m.

Submitted by **Ron Silvia, WB1HGA**, Secretary

* All motions accepted and passed by the members present.

SOLICITING TECH TALK VOLUNTEERS

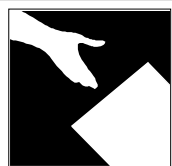
This is a solicitation for volunteers for future tech talks. Here is a great opportunity to present a topic that you are passionate about, have knowledge of, that you would like to share, or just participate in a presentation of general interest.

The topic only needs to be of general interest and does not have to be specifically "ham radio" related. Previous talks have ranged from computer technology to model railroading with radio related topics in between.

Please notify me of any interest you may have in giving a talk to the friendly folks at SEMARA. You will get your picture published in *Zero Beat*.

The next open date is the 21st of October, then any 3rd Thursday of any month thereafter.

Help keep the "Tech Talks" coming. Notify me, <**cbredberg@comcast.net**> if you would like a reservation to talk along with your topic and the date you would like to present.



CLUB NOTES

October is the real month of change. Autumn is said to have arrived officially at 12:30 p.m. on September 23, but I will believe it when I see the leaves change colors.

This is an exciting time of the year. The hurricane season is supposed to wind down. Soon, we will have our first frost of the season. Then, and that is worth waiting for, Indian Summer arrives.

After that it seems we are on a sled sliding rapidly towards shorter days and longer nights as the days grow cooler and the air makes cheeks rosy and our breath makes mist as we speak!

In the meantime before all these exciting things happen, enjoy the last days of Daylight time. We change back to Standard time on Halloween.

Four applicants were voted life members of the club during the September 1, 2004 business meeting:

Mark Loring, KC1ML,

Daniel Howard, K1DYO,

Mike Tyne, KB1KZL,

Steven Dansereau, N1WQL.

The club membership is now 276.

A big "THANK YOU" goes out to **Sonny Mello, KA1ESG**, for the 2004 ARRL Handbook he donated to the club's library.

Thanks, Sonny, for this great donation.



One of our members:

N1BLF COMPLETES SEPTEMBER READINGS

THE HANDIHAM WORLD WEEKLY E-LETTER FOR
AUGUST 25 2004 (HANDIHAM)

As most of our readers know, **Bob Zeida, N1BLF**, is our volunteer reader for the monthly magazine digests. His readings of selected articles keep our blind members up to date, making sure that the information they need is timely instead of months old!

In addition to the extensive library of ham radio recordings, Bob also produces audio materials for the Talking Information Center based in Marshfield, Massachusetts. His volunteer readings include general-interest books and periodicals. Bob told me when we met at Radio Camp that he likes to get up early in the morning and do his volunteer reading in the most quiet, peaceful part of the day. Like me, Bob admits to being fueled by that first pot of early-morning coffee!

Our blind members can listen on the *Handiham* website <<http://www.handiham.org/>> virtually at the same time sighted readers are enjoying their magazines. The nice thing about having a ham do the reading is that we know the terms are pronounced correctly. I have always wondered what non-hams think when they run into terms like "73" and "QRM" in sentences. With Bob doing the reading, I know we will always hear the voice of experience!

Thanks, Bob, for all that you do.



Would you like to feel more confident in an emergency? Tune in to the BCRA ARES Emergency Practice Net each Tuesday at 8:30 p.m. on 145.150- (WA1DGW, Fall River repeater), PL is 123.0.

SEMARA News & Notes

FOR THE GOOD OF THE CLUB

Members wishing to help out can volunteer for any of these chores:

1. Clean kitchen area
2. Clean windows
3. Sweep and vacuum floors
4. Clean rest rooms
5. Shovel snow as required
6. Pickup soda in Middleboro
7. Empty trash cans
8. Take garbage to dump
9. Pickup donuts (Sunday and Thursday)
10. Check fire extinguishers monthly
11. Pickup groceries and paper goods (Stop & Shop and Luzo)
12. Setup hotdog machine for business meetings
13. Wash dishes, cups, and hot dog machine
14. Make coffee for meetings
15. Replace burnt out light bulbs
16. Straighten out literature rack
17. Order and pickup coffee at Boston Coffee & Bagel
18. Restock soda in refrigerators
19. Pickup ZERO BEAT at AlphaGraphics
20. Clean and defrost refrigerators
21. Clean curtains each spring
22. Pickup printer supplies (paper, ink cartridges, labels)
23. Pickup pencils and paper pads
24. Spray weed killer on driveway once a month
25. Check club and repeater batteries once a month
26. Seal and waterproof porches each spring
27. Paint trim and doors as required
28. Clean microwave oven weekly
29. Check and replenish supplies in first-aid kit monthly
30. Reset clocks spring and fall
31. Check and replenish cleaning supplies under sink



Regarding editing mistakes, we put at least one error in every issue — just to see if you are paying attention.

Bob-K1KVV, Editor

32. Sharpen pencils in radio room and meeting hall weekly
33. Straighten out books in bookcase
34. Clean whiteboard with special cleaner monthly
35. ...

The club also needs someone to volunteer for:

- A. Bulletin board coordinator
- B. QSL card coordinator
- C. Contest coordinator
- D. ...

TO: EDITOR@SEMARA.ORG

EMAIL FROM RICARDO, CU2JU

Hi Bob,

Just to let you know I received the Zero Beat. It all looks great, and the text you wrote is very nice. I hope I can hear some of the guys on the band. I have been on weekends on 17-meters. This band has been in better shape than the others. And some state side is coming in pretty well.

I am already listening to a lot of CW stations. In fact, I have made 2 contacts on CW. I know it's nothing but I still get a bit nervous so I look for other rookies too!

Well Bob, it was very nice to visit SEMARA. It was very nice to know that **Tony, N1XRS** got married [sic]. I talked a few times with him. If you can tell him, I wish him *loooong* years of happy marriage!

Well, that is all for now. I wish you and all the others all the golden numbers and hope to see you soon on the airwaves...

73 de **Ricardo Chaves, CU2JU**
- ex. CU2AAV 99/04

"INTRUDER SIGNAL" ON 40 METERS

"INTRUDER SIGNAL" ON 40 METERS REMAINS A MYSTERY FOR NOW

THE ARRL LETTER - VOL. 23, NO. 36
SEPTEMBER 10, 2004

An unidentified signal that's been showing up on the 40-meter phone band on or about 7238 kHz has mystified amateurs in the western US and Canada, where it's been heard frequently for the past few weeks. Although it resembles a steady carrier, a closer inspection suggests that the intruding signal actually is a series of closely spaced signals. Don Moman, VE6JY, in Edmonton, Alberta, says the signal is quite loud at his QTH.

"This signal looks a lot more interesting than it would sound—just a broad tone/hum/buzz, depending on where you tune," he said. One spectrogram from VE6JY showed perhaps a half-dozen or more discrete signals. "It's certainly loud enough out here, peaking broadly south-southwest from Edmonton," he said. Moman was using a 5-element Yagi and was hearing the signal at 10 dB over S9.

That conforms with observations reported by Bob Gonsett, W6VR, at Communications General Corp (CGC). He says engineers at the CGC lab in Fallbrook, California took a quick look at the intruder September 6 at around 2120 UTC and found "several close-spaced CW carriers—perhaps from one specially modulated transmitter, perhaps from transmitters at different locations," he reported. CGC reported the signals appeared on 7238.063, 7238.150, 7238.237 and 7238.412 kHz, with the 7238.237 kHz signal being "the strongest of the group."

While no one's sure what it is, the FCC HF Direction Finding Facility has been able to determine that it's coming from somewhere north of Prescott, Arizona, and west of Interstate 17. FCC monitoring indicates the "buzz" is centered on 7238.1 kHz with a bandwidth of about 1 kHz and spikes spaced at about 90 Hz apart.

Reports to the International Amateur Radio Union Region 2 Monitoring System indicate the signal has been heard from about 1700 to 2130 UTC, although Moman reported hearing it at around 0300 UTC and said the signal even went off the air for a few seconds while he was listening to it. Jack Ro-

Upcoming Fleamarkets

Oct.	1-2	Hopkinton, NH <i>HossTraders</i> Joe K1RQG 207-469-3492
Oct.	17	Cambridge, MA <i>Flea at MIT</i> Nick 617-253-3776
Nov.	14	E. Falmouth, MA <i>FARA</i> Jim WA1GPO 508-840-3021

land, KE0VH, in Colorado also heard the signals for a couple of evenings this week. "Something is not right there," he remarked.

High Noon Net Manager Bill Savage, N5FLD, in Albuquerque, New Mexico said several net participants—in Nebraska, Colorado, Nebraska, Wyoming, Minnesota and Arizona—were able to hear the mystery signal.

[This looks like a good case for the Doppler RDF boys. Perhaps SEMARA should form a "Hunter Pack" to locate sourced or RFI or illegal operations.

Just an idea, Bob K1KVV]

UPDATES

Thanks to **Rick, W1RJG**, for providing me with updates concerning repeater and simplex EchoLink information.

The **145.490** repeater PL has been changed to **67.0**. It's going to be on during band conditions just like SEMARA's. Eventually when everyone has PL, we can run them full time on both **147.000** and **145.490**.

Please give me updates, corrections, and additions as you notice them.

Bob, K1KVV—editor@semara.org

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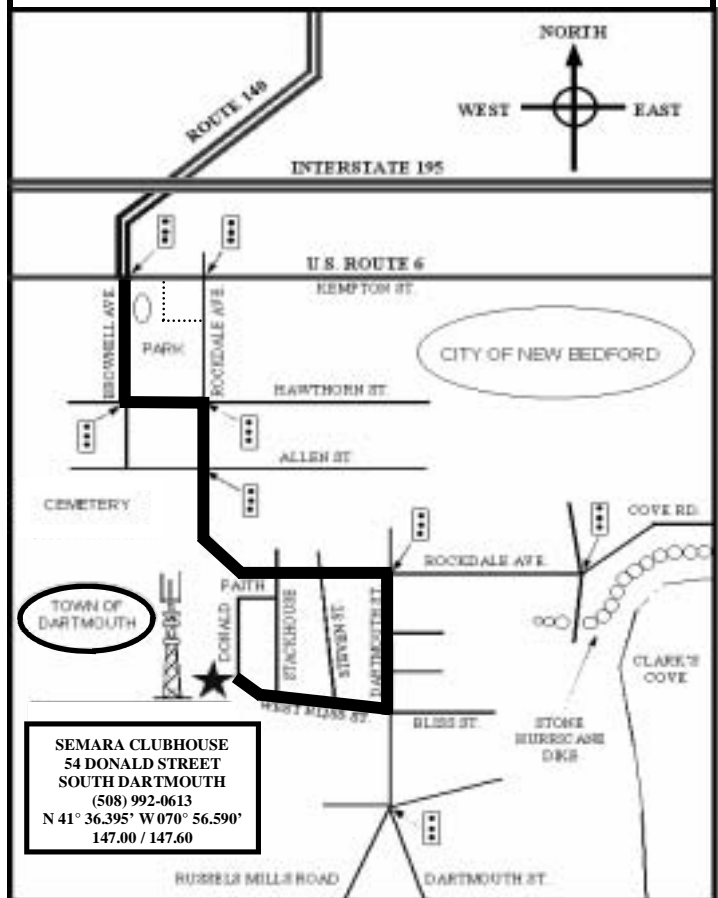
Mathew Vangel
KA1THM

North Dartmouth, MA
www.ka1thm.com
ka1thm@ka1thm.com
(508) 998-6990

October VE Sessions

- 9 **Falmouth, MA, 9:00 a.m.**
Joanne Reid, N1LNE
508-548-1121
- 9 **Braintree, MA 8:45 a.m.**
William Needham, K1WN
781-843-4400
- 14 **Providence, RI, 7:00 p.m.**
Judy Nelson, KC1RI
401-231-9156
- 18 **Fall River, MA, 7:00 p.m.**
Skip Denault, KB1CNB
774-644-3469
- 21 **Norwood, MA 7:30 p.m.**
Richard J Cantin, AA1TI
508-339-1089
- 21 **Slatersville, RI 9:00 a.m.**
Robert E Jones, WB1P
401-333-4787

Directions to SEMARA



SEMARA CLUBHOUSE
54 DONALD STREET
SOUTH DARTMOUTH
(508) 992-0613
N 41° 36.395' W 070° 56.590'
147.00 / 147.60

SEMARA EVENT CALENDAR

October 2004

- 2—VE Session, 10:30 a.m.
- 7—**Business Meeting**, 7:00 p.m.
- 14—Ragchewing, 6:30 p.m.
- 21—Tech Talk "*Whatever!*"
???, **NO1ON** 7:00 p.m.
- 28—ZERO BEAT **folding party**, 4:00 p.m.

Ragchew at the clubhouse every Sunday at 7 - 11 a.m.
Drop by and enjoy a cup of coffee and donuts!

POINT TO PONDER

It is never too late to be what you might have become.

— George Eliot

A. The license of the uncoordinated repeater

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location
144			
145.150 -	123.0	WA1DGW	Fall River
145.490 -	67.0	KD1CY*	Fairhaven
146.655 -	88.5	WA1GPO	Falmouth
146.685 -		W1LM	Plymouth
146.700 -		K1CR	Cranston, RI
146.730 -	67.0	W1SGL	Sandwich
146.760 -		W1HQV	Scituate, RI
146.955 -	88.5	K1PBO	Dennis
147.000 + SEMARA	67.0	W1AEC	Dartmouth
147.135 +	67.0	KA1GG	Taunton
147.180 +	67.0	W1MV	Bridgewater
147.345 +	88.5	KB1QL	Vineyard

Nodes: IRLP=4617, EchoLink=4611

440

441.400 +	100.0	WG1U	Plymouth
443.450 +	88.5	K1MYL	Westport
443.500 +	141.3	K1PBO	Barnstable
443.600 +	88.5	NS1N	Norwell
443.800 +	88.5	W1RJC**	Dartmouth
444.200 +	118.8	N1YHS	Bourne
444.250 +	141.3	WA1GPO	Falmouth
444.350 +	88.5	W1ACT	Fall River
444.550 +	88.5	W1MV	Bridgewater
447.025 -	77.0	N1JBC	Johnston, RI
447.075 -	88.5	N1DZD	Kingston

** Nodes: IRLP =4259, EchoLink=4259

SEMARA ACTIVITY DIRECTORY

--- RAGCHEW ---

Sat - 8 p.m. 28.700 MHz USB

Sun - 8 a.m. 28.700 MHz USB

Daily - 7 p.m. 147.000+

M-F 7:30 a.m. 3.872 MHz LSB

--- FAIRHAVEN WEATHER NET ---

Mon--Fri 8:00 p.m. 145.490-

--- 443.800+ Sunday Activities ---

New England Net - 7 p.m.

ARRL News followed by Amateur Newslines - 9 p.m.

NEXT SEMARA VE SESSION

OCTOBER 2, 2004

10:30 A.M. @ CLUBHOUSE

LARRY HOUBRE, JR., AA1FS

508-991-6055

Southeastern Massachusetts Amateur Radio Association, Inc.

54 Donald Street, South Dartmouth, MA 02748

SEMARA

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