



ZERO BEAT

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



OUR 73rd YEAR

Volume 41, Issue 6

SEMARA W1AEC

June 2005

Red Cross Asks for Help



The Massachusetts Bay Red Cross has asked Eastern Massachusetts ARES for assistance for the Operation Atlas – Boston Logan Airport Drill that has been rescheduled to Saturday June 4th, 2005. (Sunday, June 5 is the back-up date.)

This drill is being conducted by the Department of Homeland Security. The Massachusetts Bay Red Cross has a role to provide a Disaster Mental Health Services Team, Mass. Care Team. The Massachusetts Bay Red Cross will activate their Boston and Waltham offices and has requested communications assistance from EMA ARES for this drill.

Currently, we are anticipating a need for approximately 15-20 Amateurs. The town of Bridgewater EOC will be setup as a Net Control center similar to what was done for the Democratic National Convention. Amateurs will be needed at the Waltham and Boston Red Cross chapters and several Amateurs will be needed on "Go-teams" that will be going into the city or to the airport itself. Home stations will also be needed for this exercise.

This is the first major drill that we have participated in with the Red Cross since the Democratic National Convention. While not as large as the TOPOFF exercise just completed in Connecticut, the Department of Homeland Security is running the Operation Atlas Drill and all eyes will be on the performance of ARES during this drill.

The tremendous effort that the ARES/

RACES/SKYWARN and MARS operators displayed during the DNC is well known to several federal agencies. This is an opportunity to prove that that high level of organization still exists. Let us out in a strong performance in this exercise.

Contact me if you're interested in participating in this exercise. Please note that deployments to the Red Cross and as Go-teams for the Red Cross will have requirements set forth by our ARES staff. For Net Control duties in Bridgewater, please contact **Carl Aveni, N1FY**, at caave@peoplepc.com or me.

This is an opportunity to practice deployment skills not utilized since the Democratic National Convention. Remember that in this drill, much like a real emergency communications situation, unexpected things may happen. That is why we say, **"Blessed are the flexible for they will not get bent out of shape."**



**ROB MACEDO
KD1CY**

*Rob Macedo, KD1CY
ARES SKYWARN Coordinator
EMA ARES SEC*

MAY TECH TALK

For some reason, I thought **Tim Smith, N1TI**, was giving a talk May 19. That was my mistake. Tim had been scheduled for June 16. My apologies to all, especially to Tim.

Be sure to catch Tim's workshop on *Digital Video Editing* on June 16. Be there early to get a good seat!

73 de *Carl, K1KID*

ZERO BEAT

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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.

2005 SEMARA OFFICERS

President

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Vice President

Charles Moszczanski, KB1FRL

Secretary

Ronald Silvia, WB1HGA

Treasurer

Scott Szala, W1EV

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 Marty Jordon, KA1YFV
 Rob Macedo, KD1CY

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 Andrew Reuter, WA1FNM (2006)
 William Miller, Jr., K1IBR (2007)
 Larry Houbre, Jr., AA1FS (2008)
 Bill Vincent, W1POW (2009)

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FISTS CW Club no.10555

Grid Coordinates:
FN41mo

GPS Coordinates:
 Lat. N 41° 36.795'
 Long. W 070° 56.590'

It seems to me ...

That someone in the club has either a weak memory or a project that is running too long! Do you recall that it was voted in the April meeting to purchase a pair of PowerPole crimpers? Well they were purchased and left at the club for all to use. The problem is that they were "borrowed" the very next day and haven't been seen since. So ...HEY... wake up and return the crimpers!

Carl Bredberg, K1KID, suggested that I put ZERO BEAT on-line on the SEMARA website instead of printing, folding and mailing it to you each month. The pluses are you get to see the most recent issue as soon as it is posted—and in color, without the space constraints of the printed page. The only disadvantage I can think of is that you need to be on the SEMARA email list.

So, if you were one of those who asked to have yourself removed from the list, you will have to ask to put yourself back on. The idea is that a notice will be sent to all members when the new issue is posted. We have been trying to educate everyone on the proper use of the SEMARA members list. Just like with a new puppy, we sometimes have an accident that gets fixed-after it happens. So, link-up again and be patient with us. Offenders can be blocked from repeating the problem behavior. **Let me know where you stand on posting ZERO BEAT on the SEMARA website instead of mailing it to you each month.**

Be sure to notice that the *2-m YL Net* on 147.000+ at 8 p.m. Tuesdays is **for YLs only**. This is part of our effort to make space for everyone, especially for members who are of the feminine persuasion.

What do you think? Is there a need—especially during the summer school vacation—for a young hams net? All it takes is someone from that group to act as the net control. The nature of the net would be entirely up to the group. They can decide to talk about sports or music, or even radio! Our young ham members need to be pro-active if they think this is a good idea. Be prepared to come to a business meeting and simply propose it under New Business. See you ...

Do you think there should be another kind of net on the SEMARA repeater? Then talk it up and do it!

73 de **Bob, K1KVV** <editor@semara.org>

HAMMIN' AROUND

Question* G0D01 Considering RF safety, what precaution should you take if you install an indoor transmitting antenna?

- Locate the antenna close to your operating position to minimize feed line losses
- Position the antenna along the edge of a wall where it meets the floor or ceiling to reduce parasitic radiation
- Locate the antenna as far away as possible from living spaces that will be occupied while you are operating
- Position the antenna parallel to electric power wires to take advantage of parasitic effects

* 2004 General (Element 3) question pool



MEETING MINUTES

The May 5, 2005 Business Meeting was called to order at 7:00 p.m. by the Vice President, **Charles Moszczenski, KB1FRL**. A quorum of 28 members was present.

The Meeting Minutes, as it appeared in the current issue of *Zero Beat*, was accepted.

No Treasurer's report (**Scott Szala, W1EV, absent**) was available.

STANDING COMMITTEE REPORTS

Buildings and Grounds (**Andy Reuter, WA1FNM**)—Heat is off for the season.

Scholarship (**Larry Houbre, Jr., AA1FS**)—Absent.

Technical (**Rick Cabral, W1RJC & Tony Duarte, N1XRS**)—Rick will be purchasing a new Vertex VX-150 HT to replace the present 2-m wall unit.

SPECIAL COMMITTEE REPORTS

Internet (**Larry Houbre, Jr., AA1FS**)—Absent.

Activities (**Scott Szala, W1EV**)—Absent.

ARES (**Rob Macedo, KD1CY & Tony Duarte, N1XRS**)—Rob announced the June 4 Operation Atlas-Boston Logan Airport Drill. A plane will be forced to land at Logan. Hams will provide communications for Boston and Waltham Red Cross Chapters. Bridgewater EOC set up as Net Control center. June 6 there will be a Hurricane Drill; need club participation.

Contests (**Ron Silvia, WB1HGA**)—Absent.

COMMUNICATIONS (**Charles Moszczenski, KB1FRL**)—Reported that the Board of Directors met. Four recommendations for the club are: shingle the north side of the building; sell the marine radio; permit the YL Net to use the repeater; and have alarm installed.

RATIFICATIONS*—Three applications for life membership were received this month. *Motion**—To admit to life membership to: **Louis D. Mester, W1CH** (E); **Sharon L. Neal, KB1MAG** (T); and **George S. Pereira, KA1LV** (A).

PRESIDENT'S COMMENTS (**Donald Manley, N1PMB**)—Absent.

OLD BUSINESS—None.

NEW BUSINESS—

*Motion**—To shingle the north side of the club house.

*Motion**—The YL Net can use the SEMARA Repeater Tuesdays at 8 p.m. starting June 7.

FOR THE GOOD OF THE CLUB:

A neighbor needs assistance with an antenna. Can anyone help out?

Carl Bredberg, K1KID, asked if the ZERO BEAT could be distributed online to save on postage and other costs. **Bob Kelley, K1KVV** (Editor) said he would look into it and report back.

The meeting adjourned at 7:20 p.m.

No Auction (**Dave Dean, K1JGV**)—Nothing to auction.

Submitted by **John G. Carreiro, W1ZYV**, *Secretary pro tem*

* All motions accepted and passed by the members present.



QCWA JOURNAL TO BE AVAILABLE IN AUDIO

Handiham volunteer reader **Bob Zeida, N1BLF**, and a SEMARA member, has agreed to read the QCWA Journal for our blind members and for blind and low vision members of QCWA, the Quarter Century Wireless Association. The audio will be produced and processed digitally for transfer to other media, such as cassette tape. The audio will also be available on our website as one more blind-friendly resource.





CLUB NOTES

June is when we have our Field Day picnic. We might even operate a little this year—what say!?

The schools will be closing late in the month, thanks to all the snow days. Perhaps this is the right time to start reaching out to younger people. Are you enthusiastic enough to *really sell* amateur radio to them? What special things do we need to do to get them involved? *A summer is a terrible thing to waste.*

Next time you do a little picnic table operating, leave time to spread the word about ham radio to anyone who is within ear shot.

One applicant was voted a life members of the club at the April 7, 2005 business meeting, *but we misspelled his name: Earle Cooper. We're sorry for the error.*

Three applicants were voted life members of the club at the May 5, 2005 business meeting:

**Louis D. Mester, W1CH (E);
Sharon L. Neal, KB1MAG (T);
George S. Pereira, KA1LV (A).**

Welcome to the Club!!!

May 7, 2005 VE Session results:

**Craig F. Derewiary, WB3IJO
and Charles W. Pelletier,
KD1DA** both passed their Extra written exam.

Leonard Silverberg pass the Technician written exam.

Congratulations for a job well done!



SEMARA YL NET

The SEMARA 2-meter YL Net will be held weekly starting on Tuesday evening June 7, 2005 at 8 p.m. local time on the W1AEC Repeater, 147.000+ with a PL tone of 67.0 Hz.

All YLs in Rhode Island, southeastern Massachusetts, Cape Cod and the Islands, and beyond, are welcomed and encouraged to participate.

OK ... your husband or boyfriend is a ham and finally convinces you to take that Technician Class Exam. You study hard and get your ticket! Congratulations! Now what???

Most YLs talk to their OMs, maybe a few friends close by, and then disappear into the woodwork or at best seldom hit that PTT button!

Well ladies ... here is a great opportunity for us to have our own net, with some operating time to talk about the many things we have in common. It gives us a chance to have some fun as a group in a relaxing low key manner.

I would welcome your help in passing this info on to as many YLs as possible via internet, the local repeaters and some of the club newsletters.

Remember, the first YL Net is Tuesday June 7, 2005 at 8 p.m. local time on 147.000+, the SEMARA Repeater.

I really hope to hear you on the air.

*73, Arlene, KB1KGG,
Net Control - SEMARA YL Net*

INTERESTED IN QRP?

I'm looking for Hams interested in QRP, QRPp, portable operating, mobile operating, home brewing, kit building, CW key building or just basic QRP operations. There's a lot of talent around here and it would be fun to put all this together.

With the better QRP rigs and kits out there, it seems there are a lot more Hams getting into this area. I'm not sure how many of you would be interested in meeting once or twice a month down at SEMARA, or if its a nice (warm) day, setting up portable some place.

There are lots of things we can do. I'm open to anything as long as we don't get into any big deals (just fun). Let me know.

**Ed, WA1ZCB dit dit
<wa1zcb@msn.com>**

KM1CC International Marconi Day April 23, 2005

*Prepared by Barbara Dougan,
KB1GSO/KM1CC Trustee*

KM1CC set up a temporary station at the Coast Guard Station, Coast Guard Beach, Eastham, MA. The facility was provided by the National Park Service - Cape Cod National Seashore.



KM1CC operated two HF stations, both equipped with a Kenwood TS-2000. One operated at 100 watts, the other used an Amitron amplifier and operated between 500 and 750 watts.

Two Mystery Antennas, wire dipoles designed by W5GI were used, one for each radio. One dipole was about 30 feet above the ground at both ends; the other was a sloper, from about 40 feet down to 10 feet.

Operators were: **Bud Hall, K2LP, Henry Brown, K1WCC, George Clisham, W1YR, Barbara Dougan, KB1GSO,** and a visiting operator from Switzerland, **Perikles Monioudis, HB9IQB/KIIE** who made 3 contacts. Computer logging assistance was provided by Gail Brookings, a park volunteer from Taunton, MA.

A total of 491 two-way contacts were made to 51+ countries on 6 continents. The only continent not reached was Antarctica.

Contacts included Sao Tome (an Island off of Africa), Benin, Kuwait, New Zealand, Australia, Japan, European and Asiatic Russia. A number of contacts were made with other International Marconi Day Stations in Ireland, Great Britain, Canada,



**MARCONI SITE
1 MILE DISTANCE**

and the USA. A formal message was received from the Marconi Point Reyes Station, K6KPH - Point Reyes National Seashore, Cape Cod National Seashore's sister station in California.



ORIGINAL 4 TOWERS

The National Park Service allowed visitors to enter the station and participate in the event by observing operators having a spark gap model demonstration. Youngsters of all ages tapped out their names in Morse Code on practice keyers. Over 276 visitors joined us at the Coast Guard Station and over 250 people visited the historic Marconi Site in South Wellfleet with Cape Cod National Seashore



MARCONI STATION SITE, DECEMBER 4, 2004

Interpretive Ranger, Brent Ellis.

THE MIGHTY 4 WATTER CQ 1956



Notice the hardware cloth ground plane.

Photo courtesy of **Whitey, K1VV**

SEMARA BECOMES HANDI-HAM AFFILIATED CLUB

SEMARA voted to become a Handi-ham Affiliated Club at its April 7, 2005 business meeting, according to SEMARA President **Don Manley, N1PMB**.

"The club has made a commitment to make Amateur Radio as accessible as possible for people with disabilities," explains Manley, "Whenever we have a course, we can help [disabled persons] avail themselves of what Handi-ham has to offer in the way of study materials. The best part of becoming an affiliated club is that we all become more aware of the issues faced by disabled people."

According to SEMARA newsletter editor **Bob Kelley, K1KVV**, "The notion of affiliated club status was mentioned by **Phil Temples, K9HI**, in a talk about the Courage Handi-ham program. I volunteered to bring this up for a vote at next business meeting."

Courage Handi-ham System Manager **Pat Tice, WA0TDA**, was very pleased to receive the inquiry from the SEMARA gang. "We would love to have you on board," he wrote to Kelley in an email response.

SEMARA counts among its members one of its most active Handi-ham volunteers in the country: **Bob Zeida, N1BLF**. Zeida has been instrumental in supplying audio recordings of QST, WorldRadio and other ham radio-related content for Handi-ham members.

<<http://ema.arrl.org/article.php?sid=669>>
Posted on Tuesday 03 May 2005 @ 18:59:53

SEMARA MEMBER

NEWINGTON, CT, May 16, 2005—The ARRL Foundation has announced the recipients of 31 scholarship awards for the 2005 academic year. Congratulations to these scholarship winners!

A SEMARA member, **Timothy Jean, KB1FIP**, Swansea, MA, is among the list of winners. He won the *Dr. James L. Lawson Memorial Scholarship*—\$500.

Congratulations Timothy!

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

CONTACT LST-325 IN JUNE

LST-325 plans amateur radio operation during least coast cruise starting May 3, 2005. The LST-325, a 327-foot World War II vessel designed to transport and deploy tanks and troops during coastal beach landings, will have Amateur Radio aboard when she cruises up the East Coast and back this spring and early summer. The historically significant vessel is officially a cruising museum ship, but she still carries the USS LST-325 name and World War II marine radio call sign NWVC.

The cruise itinerary can be found at

<<http://www.arrl.org/news/stories/2005/05/03/4/?nc=1>>

For this voyage, LST-325 will be on the Amateur Radio bands as **WW2LST**.

<<http://www.arrl.org/news/stories/2005/05/03/4/op-sked.html>>

Presently LT-325 will be coming up Buzzards Bay to arrive at the MA Maritime Academy around 1800 on June 3 and leaving for Boston at 0800 on June 8.

TENTATIVE OPERATING SCHEDULE

MODE/TIME (UTC)	BAND/NETS	FREQUENCY (MHz)
SSB/1600	US Sub Vets Net	14.243 ± QRM
1700	Maritime Mobile Service Net	14.300
1800	SouthCars/EastCars	7.251 / 7.255
2100	60	5403.5 (USB)
0100	80	3.900 ± QRM
After 0230	Pacific Maritime Net	14.313
Evenings	6	50.125
AM	10	29.000
CW/1100	40	7.020
Afternoons	20	14.020
	17	18.080
	15	21.040
Evenings	160	1.805
	80	3.550
	40	7.035
	6	50.125



QSL CARD

If you don't hear the ship, try calling and waiting, in case the operators are listening.

Whitey, K1VV

JUNE VE SESSIONS

- 4 SEMARA Clubhouse 10:30 a.m.**
Larry Houbre, AA1FS
508-991-6055
- 11 Falmouth, MA, 9:00 a.m.**
Joanne Reid, N1LNE
508-548-1121
- 11 Newport, RI, 9:00 a.m.**
Jack Garforth, N1JK
401-683-2250
- 20 Fall River, MA, 7:00 p.m.**
Skip Denault, KB1CNB
774-644-3469
- 16 Norwood, MA, 7:30 p.m.**
Richard Cantin, AA1TI
508-339-1089
- 25 W. Warwick, RI, 9:00 a.m.**
Tom Senerchia, KB1AW
401-8222592

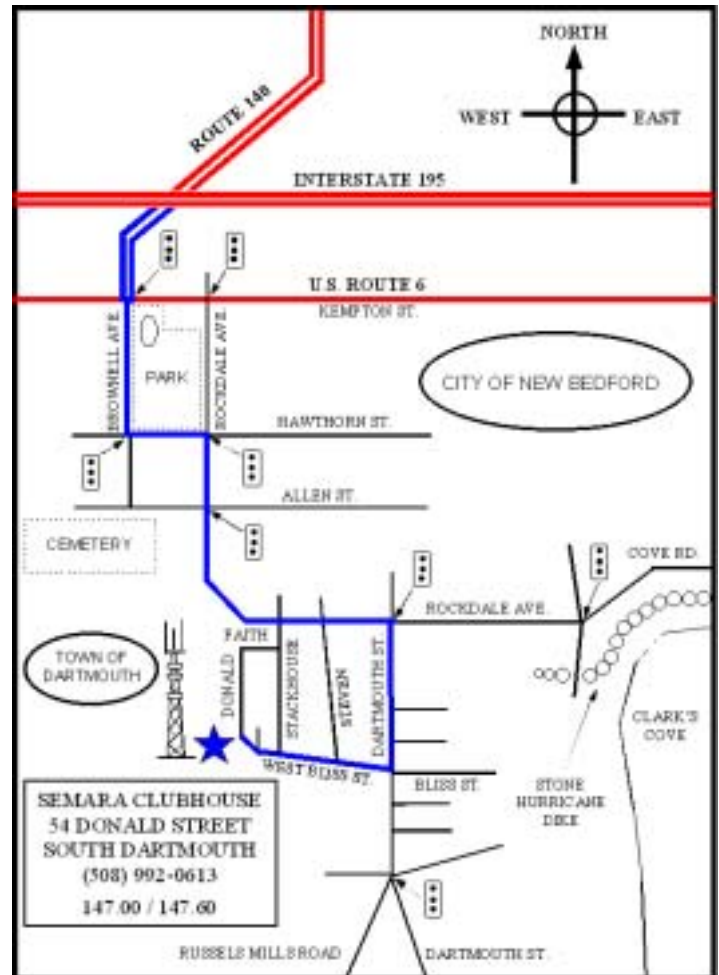
JUNE SEMARA EVENTS

- 2—Business Meeting, 7 p.m.**
- 4—VE Session, 10:30 a.m.**
- 9—Ragchew, 6:30 p.m.**
- 16—Tech Talk – Digital Video Editing**
Tim Smith, N1TI, 7 p.m.
- 23—Ragchew, 6:30 p.m.**
- 30—ZERO BEAT folding party, 2 p.m.**

SUMMER FLEAMARKETS

- 3 Jun Feeding Hills, MA**
Hampton County RA
— Dave 413-556-6605
- 4 Jun Hermon, ME**
Bangor Hamfest
— Roger 207-848-3846
- 11 Jun Newington, CT**
NARL — Dan 860-206-3376
- 19 Jun Cambridge, MA**
FLEA at MIT — Nick 617-253-3776
- 16 Jul Nashua, NH**
NE Antique RC — Marty 603-938-5051
- 17 Jul Cambridge, MA**
FLEA at MIT — Nick 617-253-3776
- 21 Aug Cambridge, MA**
FLEA at MIT — Nick 617-253-3776

Directions to SEMARA



POINT TO PONDER

“Accept the challenges, so that you may feel the exhilaration of victory.”

— General George S. Patton

C. Locate the antenna as far away as possible from living spaces that will be occupied while you are operating



FIRST CLASS

PLACE LABEL HERE

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location
144			
145.150 -	123.0	WA1DGW	Fall River
145.490 -	67.0 ¹	KD1CY	Fairhaven
146.655 -	88.5	WA1GPO	Falmouth
146.685 -		N1ZIZ	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
147.315 +	67.0 ²	KB1HJG	Plymouth
147.345 +	88.5	KB1QL	Vineyard
Node #s: ¹ IRLP-4617 & EchoLink-4611; ² IRLP-4722 & EchoLink-4721			
440			
441.400 +	100.0	WG1U	Plymouth
442.200 +	88.5	N1NRL	Fall River
442.950 +	82.5 ³	K1RK	Barnstable
443.450 +	88.5	K1MYL	Westport
443.500 +	141.3 ³	K1PBO	Dennis
443.600 +	88.5	NS1N	Norwell
443.800 +	88.5 ³	W1RJC	Dartmouth
444.200 +	118.8	N1YHS	Bourne
444.250 +	141.3 ³	WA1GPO	Falmouth
444.350 +	88.5	W1ACT	Fall River
444.550 +	88.5	W1MV	Bridgewater
447.025 -	77.0 ⁴	N1JBC	Johnston, RI
447.075 -	88.5	N1DZD	Kingston
Node #s: ³ IRLP-4259 & EchoLink-4259; ⁴ IRLP-5920 & EchoLink-55920			
⁵ Cape Cod Network			

SEMARA ACTIVITY DIRECTORY

--- RAGCHEW ---
Sat - 8 p.m. 28.700 MHz USB
Sun - 8 a.m. 28.700 MHz USB
NEW => Tue - 8 p.m. ---YL (ONLY) Net <= NEW
Wed - 8:30 p.m. 50.200 MHz USB
Daily - 7 p.m. 147.000+
Mon-Fri - 7:30 a.m. 3.872 MHz LSB

--- KD1CY WEATHER NET ---
Mon--Fri 8:00 p.m. 145.490-

--- W1RJC Sunday Activities 443.800+ ---
 7 p.m. - New England Net
 9 p.m. - ARRL News followed by Amateur Audio News

NEXT SEMARA VE SESSION

JUNE 4, 2005
10:30 A.M. @ CLUBHOUSE
LARRY HOUBRE, JR., AA1FS
508-991-6055