



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVII, Number 11; November 2005

<http://www.barc.org>
w1bos@arrrl.net



President's Column

-- Blake Haskell, K1BTH

At the November BARC Executive Committee meeting a decision was made to discontinue the Friday SWAT Net. Declining check-ins, nobody signing up as net control operators and a general lack of interest are the main reasons a "formal" net will not be scheduled. If members want to have an informal net, the machine is available for their use.

On a positive note, details are being finalized for the BARC annual Holiday Party. It will be held at the Dockside Restaurant in Malden on Thursday December 15. (See details elsewhere in this issue of *The SPARC*.) This is a good time and the BARC Ham of the Year will be announced. Clear your schedules!

As winter rapidly approaches and we have some unseasonably warm weather, I suggest that a visual inspection of antennas, coax runs, power supplies, etc. at your shack be conducted. You don't want to have to trudge through a snowdrift in February to make any repairs then. As always, safety is your job number one!

As I continue to recuperate from surgery, I will be working on some long-standing issues for BARC and hope to have more information next month.

I hope you and your family have a nice Thanksgiving holiday.

The ARES E-Letter is Available

Since 9/11, interest within the Amateur Radio community in emergency communication and public service has greatly increased. More than ever, hams are volunteering to help meet the communication needs of our nation, states and communities. *The ARES E-Letter* is a response to this expanding awareness. Devoted entirely to Amateur Radio emergency communication and public service, it is published on the third Wednesday of each month.

Anyone with an interest in emergency communication or public service activities can sign up online at www.arrrl.org/FandES/field/ares-el/about.html to receive *The ARES E-Letter*. Each issue contains a wealth of after-action reports, editorials, technical tips, news and views - information you'd otherwise have to wait for in *QST*. Editing is the former long-time ARRL Headquarters staff member Rick Palm, K1CE. Subscribers are invited to share a copy with friends who may not be ARRL members but still might be interested in receiving it.

November General Meeting

Batteries are the life blood. Whether in your hand-held, your car or your toothbrush. Operate a radio in the field, or a flashlight when the mains fail. The energy stored in the box is there when you need it - or maybe not.

If you have chosen wisely and cared for what's in the box, the energy can meet your needs. Poor choice or poor care and you are soon in the dark.

Want to see the light? Leo Burke, KA1LN, will turn us on to the subject of batteries - what types are available, the best for an application, and how to keep them on the job. The November BARC General meeting is the place. The date is Thursday, 17 November, the start time is 1900. You and your friends are encouraged to attend.

Our General meetings are held on the third Thursday of each month at the Salvation Army Headquarters, 147 Columbus Ave, at the corner of Berkeley St in the third floor auditorium.

Our meetings are convenient to public transportation. The nearest T stations are Back Bay on the Orange and Purple lines (exit at the rear of the station and walk down Columbus), and Copley or Arlington (use the Berkeley St exit) stations on the Green line.

Free parking is available in the lot adjacent to the Salvation Army building. The entrance to the lot is from Columbus Ave (across the street from the firehouse). A map appears on page 7.

Talk-in is available on 145.230 MHz (-), CTCSS 88.5 Hz. If you arrive after 7:15 pm, ring the bell at the door to be admitted, as the door is locked at that time.

If you have ideas for a speaker or a presentation, please feel free to send them to me or one of the officers. Our numbers and emails are on page 7. Remember - this is *your club*. Tell us what you want and we will try to make it happen.

Future General Meeting Dates

(Third Thursdays at 7 pm)

- 17 November 2005
- 15 December 2005 (*Holiday Party; General Meeting omitted*)
- 19 January 2006
- 16 February 2006
- 16 March 2006
- 20 April 2006

BARC Has Spoken

Mike Ardai, NIIST

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9

Simplex: 147.42

Over the last few months, we have had the BARC survey online and mentioned in *The SPARC*. A total of 44 people have responded, and here's my summary of the results.

As can be expected, most respondees are interested in emergency communications and public service. Ragchewing came in third with contesting, homebrewing and satellites about even in fourth place. It seems that BARC members, or at least those who responded to the surveys aren't interested in chasing DX outside of contests. Other interests include collecting and repairing boat anchors, operating new modes, digital modes, and QRP.

80% are satisfied with the location of the General meeting; 72% with the Business meeting location. 61% would like a social hour. Out of the people dissatisfied with the location of the General meeting, all but one would attend if the location were better for them. Better meeting locations include Cambridge (3 responses), West of Boston, South of Boston, and anywhere but Boston itself (2 responses).

As for the importance of various activities (rated 1 = most important, 5 = least important), the averages are:

Ham speakers at the General meeting:	1.6
Non-ham speakers at the General meeting:	2.4
Show-and-Tell nights:	1.7
<i>The SPARC</i> :	2.1
The BARC web page:	1.9
BERT:	1.9
Field Day:	2.3

Other suggested activities include field trips and get-togethers, classes or training, operating chances and the ability to try out different stuff than you can do at home. Of those who responded to the question, 3/4 want a club shack.

Verticals and whips are the most common HF antennas, about twice as popular as beams, dipoles or no HF antenna. Not too many longwires. Five people wanted help choosing and installing an HF antenna; by now, someone should have been in contact with all of those who indicated a call sign.

For VHF/UHF, rubber ducks are the most common with whips a close second (no, surprise since the most common place to use a VHF/UHF radio is with an HT or in a car). Verticals are also common, however only one in four has a beam. Five people also wanted assistance, but only three left a call sign.

Every responder operates through 2M repeaters, and most also use 2M simplex. 75% also work 440. 25% work 1.2GHz repeaters (Which? Mine is quiet most of the time - N1IST), other repeaters, satellites, and/or digital modes. The one I accidentally left out - SSB - also showed up about 25%.

Everyone thought the survey was a good idea and in general, the comments centered around other survey ideas. Two respondees decided to flame - one hating every club but two that he has been involved in over the last 50 years, and one was bothered by what he observed at a public service event (not identified).

So what does all this mean? People who took the time to respond to the survey in general like what we are doing. However, only

25% of the membership bothered to respond; we just have to guess that the remainder feels the same. We will try to incorporate some of the suggestions to make the club even better. If you have any ideas or recommendations, please send them to w1bos@arrl.net or one of the club officers or stop by the Business meeting and help the club become better.

The Holiday Party and the "BARC Ham of the Year" Are On the Horizon

One of our most successful club events has been our Holiday Party in December. From the earliest days of BARC, our members, family and friends have had a wonderful time at our purely social get together. We were pleased last year with the Dockside Restaurant in Malden, and we will hold the Party there again. It has an excellent reputation and has been carefully scouted by our devoted eating team. The Holiday Party flyer gives all the details. The parking is free and the location is accessible by public transportation.

As has become our custom, the Holiday Party is where we award the "BARC Ham of the Year." The winner is chosen by your nomination from among the members. This means, of course, that it is up to you to recommend whom you feel most deserves the award for this year. We want to recognize a BARC member for outstanding contribution to the club and to the Amateur Radio hobby. Previous winners are not eligible for five years.

Previous winners were:

- 1992 Mike Ardai, N1IST
- 1993 Lajos Gergely, AA1BW/HA0DR
- 1996 Dick Doherty, KA1TUZ and Bob Cassell, N1ENS
- 1997 Terry Koen, N1IWF and Arthur Ashley, N1NHZ
- 1998 Mike Kass, N1YER and Bob Wondolowski, N1KDA
- 1999 Paul Carter, N1TMF and Mike Koenemund, KB1CKF
- 2000 Mark Duff, KB1EKN
- 2001 Frank Murphy, N1DHW and Bob Salow, WA1IDA
- 2002 Jim Clogher, N1ICN
- 2003 Dick Doherty, KA1TUZ
- 2004 Blake Haskell, K1BTH

Portions of *Handbook on Emergency Telecommunications* Now Available

The International Telecommunication Union (ITU) has made significant portions of the 2005 edition of its *Handbook on Emergency Telecommunications* available for free download. The ITU says the Handbook is designed to serve as a close companion to those involved in providing and using telecommunications for disaster mitigation and relief. Details are on the ITU website: www.itu.int/ITU-D/emergencytelecoms/publications.html.

Spinal Column: A long bunch of bones - your head sits on one end and you sit on the other.

BARC to Operate SKYWARN Recognition Day

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9

Simplex: 147.42

-- SKYWARN Newsletter, 7 October 2005

On Saturday, 3 December 2005, SKYWARN Recognition Day will be held for the seventh straight year. SKYWARN Recognition Day is an event promoted by the National Weather Service Forecast Offices for hams to get on the air and make contacts with other NWS Offices as well as all Amateurs and any Amateur Radio SKYWARN Spotters. The purpose is to thank the thousands of Amateur Radio SKYWARN Spotters whose timely severe weather reports into NWS Forecast Offices across the country protect life and property.

BARC will participate by setting up a ham station at the Blue Hill Observatory (BHO) in Milton as we have done for the past two years. This weather station holds the oldest continuous weather records in the nation. Our call sign will be W1BOS/MQE. The call "MQE" is the original designation for the weather station. The elevation is over 600 feet above MSL and provides us with superb coverage on many bands.

In addition, NWS meteorologists, some of whom are hams and some of whom are non-hams will be asked to get on the air and participate - if they are willing and quiet weather conditions enable their participation. The operating time is Friday, 2 December, 1900 EST through Saturday, 3 December, 1900 EST.

The National Weather Service in Taunton, MA uses call sign WX1BOX, looking forward to our fourth year of participation. Many people recall in 2003, we had the infamous SKYWARN Recognition Day major snowstorm which dumped 1-2 feet of snow. Some locations got up to 3 feet caused by wind damage gusting over 60 MPH, and two cycles of moderate coastal flooding. Hopefully, the weather will be quiet to enable full participation in the event versus a long duration SKYWARN Activation for the time frame of the event. For more information on SKYWARN Recognition Day, please see the following link: <http://hamradio.noaa.gov>.

If you are interested and can lend a hand to the BARC participation, contact Mark, KB1EKN, at emgmgt@comcast.net.

Yardley Beers, W0JF, SK

-- Info from ARRL Letter, 28 October 2005

BARC member Yardley Beers, W0JF (ex-W3AWH, W2AWH, W0EXS), of Jamaica Plain, died recently at 92. An ARRL Full Charter Life member, Beers, was a contributing writer to *QST* from the 1930s until the late 1990s and was the author of the book, *The Theory of Error*. He was an avid DXer and a member of the A-1 Operator Club.

Beers was involved in the construction of the WWV time and frequency-standard station at Ft Collins, CO, where he oversaw maintenance of the cesium atomic clock. He detailed the experience in "WWV Moves to Colorado," which appeared in the January and February 1967 issues of *QST*. More recently, his wife, Dorothy, detailed her husband's life and ham radio activities in the "Old Radio" column in the November 2004 issue of *QST*.

Minutes of the BARC Business Meeting

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9

November 3, 2005; Recorded by Paul Olivieri, N1ZKR, Secretary

The meeting was called to order by the Vice President at 1843.

Those attending:

Mike Ardai	N1IST	
Arthur Ashley	N1NHZ	
Jim Clogher	N1ICN	Treasurer
Dick Doherty	KA1TUZ	
Joe Harris	KB1IXK	
Dan Malloy	KA1RDZ	Vice President
Frank Murphy	N1DHW	
Paul Olivieri	N1ZKR	Secretary
Bob Salow	WA1IDA	

Committee reports:

Membership: Arthur reports that he spoke with three potential new members. Two on the SWAT net were newly licensed. One of these folks is interested to learn to become a net control operator. Arthur will follow up with them and with Bob to make sure that they get a complimentary copy of the SPARC.

Exams: Mike reports that at the October exams three people showed up and that all three got the licenses that they sought.

Public Service: Bob reports that there are no scheduled activities until April 2006.

Repeater: Mike reports that the repeaters are working fine and that the time announcement has been changed to reflect the change back to Standard Time.

Treasurer: Jim reports that the current balance at \$ 2476.33. Paul, N1ZKR, has renewed the PO Box for another year.

Old business:

The club received a thank you from The Salvation Army for the donation to the Hurricane Katrina relief fund.

After much discussion, it was decided that the Holiday Party would be at the Dockside restaurant in Malden again this year. A call was then made and reservations were made for Thursday, December 15, 2005.

Bob noted that membership information forms for 2006 need to be prepared to go out in the mail in *The SPARC*.

A motion was made by Dick, KA1TUZ, and seconded by Jim, N1ICN, that dues not be increased for 2006 and would remain the same as this year. The motion passed.

A change will be made to the membership form to add a check off space for members who are ARRL certified VEs.

Net control stations continue to be needed on a weekly basis for the Friday night SWAT Net. Arthur suggested that we should pass a list around at meetings and ask everyone to volunteer for a Friday night. Arthur also suggested that we should review the membership list and contact less active and new members to ask them to take a turn as SWAT Net NCS.

Simplex: 147.42

After much discussion, it was decided to move the elements of the SWAT Net to Monday nights to coincide with the successful BARC Net.

Dick KAITUZ demanded to know what was the status of the club brochure and why it had not been printed yet as we have been working on it for three years. It was determined that the two people who were currently working on it were not at the meeting, so an answer was not available.

New business:

As a point of interest, Bob made reference to a BARC-List posting by Mark KB1EKN, concerning a S.A.M.E.-capable weather radio for sale at Building 19 Stores. Bob had purchased one of the radios and showed it to everyone. Everyone agreed that it seemed to be of good quality and is a good buy for anyone interested in buying such a radio.

There being no further business, the meeting adjourned at 2000.

The Business meeting is where the real business of BARC is conducted. If you have any suggestions, questions or comments, this is where to bring them. **All members are welcome (and encouraged) to attend these meetings.**

The next Boston Amateur Radio Club Business meeting will be held Thursday, December 1 (first Thursday of the month), starting at 6:30 pm. We meet at the Parlin Library 410 Broadway (Rt 99), Everett MA. Parking is available on the street or across the street behind the post office. The #110 T bus from Wellington stops across the street

Future Business Meeting Dates

(First Thursday at 6:30 pm)

- 1 December 2005
- 5 January 2006
- 2 February 2006
- 2 March 2006
- 6 April 2006
- 4 May 2006

Organic Interoperability

-- Eric Falkof, K1NUN

In this two-part article, the problem of communications interoperability is explored and some reasons for the problem are proposed. The second part, next month, explains how ham radio might provide a solution.

Services and named agencies need to communicate effectively. Interoperability is the buzzword that describes a concept of allowing a limited number of communications channels to be used for many different services which sometimes need to be secure, sometimes need to be public, and sometimes needs to be channeled to specific people or peoples. Millions of dollars and human-hours have been spent trying to achieve the goal of allowing people to talk to each other. Sounds simple, but the goal is mired with technology, money, and politics.

The technology is hardware and software. Hardware is the domain of nuts, bolts, capacitors, transistors, and wire. Software is the programmed-in intelligence that allows a radio to know whether *it* is the one being talked to and that it uses to send a message to any particular other radio. Physics is the science that allows this collection to work and send invisible radio waves from one place to another.

Money is required to pay for the hardware and the salaries of the people who write programs that allow the hardware to do its job.

Politics is the art and skill of building agreements for the mutually advantageous goal of allowing communication (that is, the effective and efficient transmission and reception of messages).

Hardware is easy. We understand physics pretty well. The science is understood.

Software is more difficult, but once the problem is clearly defined, the solutions present themselves pretty well.

Politics is the... is the... Well, what is it? It seems that politics is the sticky point because it is not clearly making those agreements. Until we master this politics thing, interoperability will not happen. So what do we do in the meantime - until true interoperability happens?

Without a clear description and specification for the implementation of this interoperability, we, the users and recipients of communications and their contents, need something to fill the gap in time until interoperability happens. Amateur Radio is capable of filling in. Here's how...

First, let's borrow a concept from industry. Everything needs resources. There are mechanical resources, technical resources, and recently we have begun hearing about *organic* resources; that is, people.

Second, notice that interoperability depends on establishing an infrastructure through which each radio device communicates. This communications infrastructure is the connections, be they radios, computers, antenna towers, telephones, electrical wiring, and so forth. Remember, you need people to make decisions based on the communications and information on hand. Therefore, you bring an infrastructure that allows temporary interoperability to occur. Also remember that you must become part of the temporary solution by making your personal contact in advance, developing your MOUs (Memoranda of Understanding), and participating in the joint training you will have to advocate. In retrospect, don't let it be said, "Out of sight, out of mind!"

...*To be continued next month.*

For Sale

Four-element tribander with a CDE Ham II Rotor and tower sections totaling about 38 feet (top section included).

The antenna and tower have to be disassembled, but there is plenty of help available. Proceeds of the sale will go to the Framingham ARA Scholarship Fund. Contact Gordy, K1GB, at k1gb@arrl.net for details.

BARC Growth

Simplex: 147.42

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9

It's a rare month when we fail to add a few new members. Periodically we publish their names so that you can give them a special welcome.

Mike Coen KB1MQE

Please welcome the new BARC members and congratulate the new upgrades. Make it a point to introduce yourself when you see them at a meeting. In addition, we would like to note here all call sign changes. If you fit any of these categories, please promptly notify the Keeper of the Database, Bob Salow, WA1IDA at: 508.650.9440 or email: walida@arrl.net.

Your Personal Ad Could Have Been Here

Are you a depressed BARC member because you have a treasure you must turn to cash and you couldn't make it to the last flea market? Well, cheer up, Bunky! *The SPARC* will run your (non-business) ad for free. Of course, a 10% donation if you sell it (and of course you will) will be cheerfully accepted. Just send your ad to Editor Paul Carter, N1TMF.

Have Breakfast With BARC

BARC holds a social breakfast on the second Sunday of each month at the Old Country Buffet in the Watertown Mall at 0830.

We just get together, socialize and eat, without any formal club events or business. Family and friends are welcome. The extensive buffet breakfast is *very* good. The cost is reasonable at \$7.23; less for seniors.

The Old Country Buffet is in the Watertown Mall, on Arsenal St. in Watertown. There is plenty of parking. From Memorial Dr, continue on Greenough Blvd to the Watertown exit, turn right on Arsenal St. The #70 T bus from Central Square Cambridge to Watertown Square stops right at the Watertown Mall. We hope to see all of you there – and bring your appetite!

BARC VE Sessions

The Boston Amateur Radio Club usually holds monthly VE sessions on the second Monday of each month. Sessions are held at 7:00 pm at the Pierce School, 50 School St in Brookline, Room 110, next to the cafeteria. Future exam dates are listed below. A map is shown on page 7 of this newsletter.

If the Brookline public schools (or the Pierce School itself) is closed due to inclement weather or other problems, the exam session for that month will be cancelled. Otherwise, the exams will be on the second Monday of each month.

There is a free parking garage at the circular driveway. If driving, enter School Street from the Washington St side (opposite 394 Washington), rather than from Harvard St. Check: www.barc.org/barc/school_map.gif: for more info.

For those traveling via public transportation, take the "D" branch of the T Green Line to the Brookline Village station. Walk north along Harvard St 0.2 miles to School St, then turn left. The Pierce School is on the left. The #66 bus runs on Harvard St, crossing School St.

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9

Talk in on 145.230 MHz (-), PL 88.5 Hz.

We give all exams (Technician thru Extra, CW and written). You don't need to pre-register. Please bring the following with you:

- Your current license **and a photocopy for the ARRL**, if you are upgrading
- Any CSCEs you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- **\$14.00** (good for all the tests you take at that session, except for retests)
- Note that code tests are no longer free. Those taking the code test only will also have to pay the \$14 fee. Code and written tests can be taken together at the same session for the same \$14 fee.

The needed FCC forms will be provided.

For further information, contact:

Mike Ar dai, N1IST, 781.321.7939 n1ist@arrl.net

Dick Doherty, KA1TUZ, 617.527.2968 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

14 November 2005

12 December 2005

9 January 2006

13 February 2006

13 March 2006

10 April 2006

I See the Future

12 Nov	Falmouth ARA Flea (E Falmouth)
12 Nov	Simulated Emergency Test (SET)
13 Nov	BARC Breakfast
14 Nov	BARC VE Session
17 Nov	BARC General Meeting
1 Dec	BARC Business Meeting
3 Dec	SKYWARN Recognition Day
15 Dec	BARC Holiday Party (no General Meeting)
26 Mar '06	Framingham ARA Flea Market

As you might expect, there are many more events (public service, hamfests, flea markets, etc.) taking place - some only peripheral to ham radio. For information on these, covering New England and some of New York, the "Ham - Electronic Flea Market" and the "PSLIST" lists tell the story. They are posted by e-mail to barc-list and on PBBSs regularly. If needed, contact any club member who has access to these.

If a word were misspelled in the dictionary, how would we ever know?

If all is not lost, where is it?

W1AW 2005/2006 Winter Operating Schedule

-- ARRL Bulletin 025, 31 October 2005

Simplex: 147.42

Morning Schedule:

<i>Time (UTC)</i>	<i>Mode</i>	<i>Days</i>
1400	CWs	Wed, Fri
1400	CWf	Tue, Thu

Afternoon/Evening Schedule:

<i>Time (UTC)</i>	<i>Mode</i>	<i>Days</i>
2100	CWf	Mon, Wed, Fri
2100	CWs	Tue, Thu
2200	CWb	Daily
2300	RTTY	Daily
0000	CWs	Mon, Wed, Fri
0000	CWf	Tue, Thu
0100	CWb	Daily
0200	RTTY	Daily
0245	Voice	Daily
0300	CWf	Mon, Wed, Fri
0300	CWs	Tue, Thu
0400	CWb	Daily

Frequencies (MHz):

CW: 1.8175, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 147.555

RTTY: - 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555

Voice: 1.855, 3.990, 7.290, 14.290, 18.160, 21.390, 28.590, 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 Baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from *QST*, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC, Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC Thursdays and 0100 UTC Fridays.

In a communications emergency, monitor WIAW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half-hour.

The WIAW Operating Schedule may also be found on page 98 in the November 2004 issue of *QST* or on the web at www.arrl.org/w1aw.html.

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC
1800 UTC to 2045 UTC

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC, and then from 1800 UTC to 2045 UTC, Monday through Friday. The station is closed 1700 to 1800 UTC. Be sure to bring your current FCC amateur license or a photocopy.

The WIAW Operating Schedule may also be found on page 100 in the November 2005 issue of *QST* or on the web at www.arrl.org/w1aw.html.

FEMA Courses On Amateur Radio Resources; ICS/NIMS Training

-- ARES E-Letter, 1 October 2005

Here is a solution to help public officials learn to interface with Amateur Radio assets: government-approved Federal Emergency Management Agency (FEMA) training course "G250.6 - Workshop: Amateur Radio Resources." This three- to four-hour workshop is designed to provide state and local elected officials, emergency managers, and other public officials with an understanding of how Amateur Radio volunteer communication groups can help in supplementing telecommunication and warning systems. Direct them to the FEMA Emergency Management Institute (EMI) at www.training.fema.gov/emiweb/ to register.

The unavailability of local FEMA Incident Command System /National Incident Management System (ICS/NIMS) seminars should not deter anyone from undertaking these important training topics (IS-100, IS-200 and IS-700, as well as other emergency management courses), as they are available on-line. See www.training.fema.gov/emiweb/is/crslst.asp. A completion certificate is issued by FEMA for the on-line courses.

Several Hundred Boston Area Hams Could Be Reading Your Commercial Ad Right Now

The SPARC accepts commercial advertisements. Your products and services can be promoted if they are of interest to our members and others interested in the Amateur Radio Service.

Rates for display advertising are:

- 1 col x 2 in. (business card) \$10 per issue
- 1 col x 2 in. (business card) \$50 per 6 consecutive months
- 1 col x 2 in. (business card) \$90 per 12 consecutive months
- 1 col x 4 in. (1/2 col) \$20 per issue
- 1 col x 9.5 in. (full col) \$40 per issue

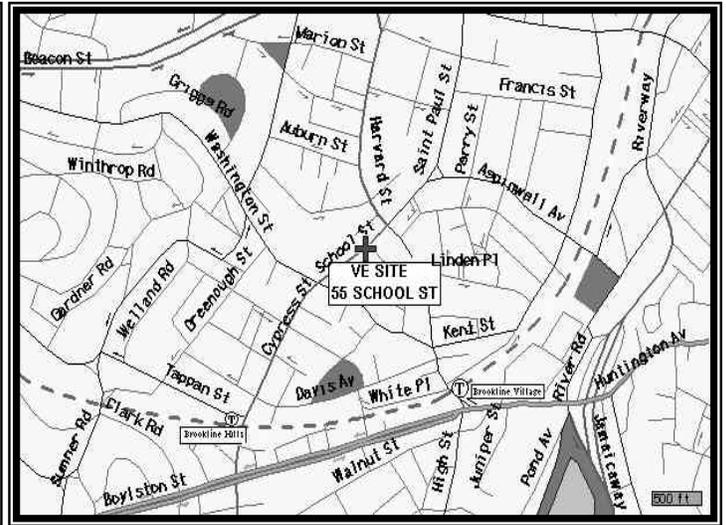
Originals of ads must be presented to the Editor in MS Word or .jpg format to print 1:1. Other composition will be at extra cost. We will be glad to quote other ad sizes and durations.

Members are urged to seek prospective advertisers who are appropriate to our readers.

For additional information, contact Paul Carter at n1tmf@pvcronics.com or 617.232.6982; or Bob Salow at wa1ida@arrl.net or 508.650.9440.



General Meeting – Boston Salvation Army
147 Columbus Ave, corner of Berkeley St.



VE Session – Pierce School
50 School St, Brookline; Room 110 next to the cafeteria.

BARC Officers and Staff

President	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net
Vice President:	Dan Malloy, KAIRDZ	617.387.6025	djmalloy@mwhisp.net
Secretary	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@rcn.com
Volunteer Exams	Mike Ardai, N1IST	781.321.7939	nlist@arrl.net
	Dick Doherty, KA1TUZ	617.527.2968	ka1tuz@arrl.net
Membership	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvctronics.com
Programs & Activities	Dan Malloy, KAIRDZ	617.387.6025	djmalloy@mwhisp.net

The Boston Amateur Radio Club is a non-commercial association of persons interested in the Amateur Radio Service. The Club is organized for the promotion of interest in Amateur Radio communication and education, for the establishment of emergency communications in the event of disasters or other emergencies, for the advancement of the radio art and the public welfare, for the representation of the radio amateur in legislative and regulatory matters, and for the maintenance of collegiality and a high standard of conduct.

The Club is open to all persons interested in Amateur Radio without regard to race, color, religion, creed, national origin, gender, disability, or sexual preference. Our General and Business meeting locations are handicap accessible. Other meeting and activity locations may be handicap accessible by arrangement.

The Club is an ARRL-affiliated Special Service Club, and is a member of the Council of Eastern Massachusetts Amateur Radio Clubs (CEMARC) and the New England Spectrum Management Council (NESMC). The Club is a participant in Partnerships Advancing Technical Hobbies Which Attract Youth to Science (PATHWAYS). The Club is also an associate member of the Courage Handi-Hams system.

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Greater Boston Net Directory

Daily 5:30 pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
Daily 7 and 10 pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
Daily 8 pm	Eastern Mass 2M Traffic Net (NTS)	145.230 (PL 88.5)
Daily 8 pm	Slow Speed CW Net	28.160
Mon - Fri 10:30 pm	Heavy Hitters Traffic Net (NTS)	145.230 (PL 88.5)
First Mon 8:30 pm	EMA Section ARES Net	146.610 and all MMRA links
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Tue 9 pm	EMA Public Safety Net	145.230 (PL 88.5)
Tue 9 pm	NETARC Satellite	446.575 (PL 88.5)
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	AMSAT Net	146.640
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net	50.275
Sun 7 pm	Youth Net	146.610 and all MMRA links
Sun 8 pm	Algonquin Amateur Radio Club Net	446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newsline)	145.470

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9

Simplex: 147.42

YOU GOT 'EM, YOU NEED 'EM! BATTERIES ARE THE LIFE OF YOUR PORTABLE EQUIPMENT

How much do you understand about getting the most from your batteries? What kinds are there? Which is best for your use? It's not a simple subject, but we have guidance for you. Leo, KA1LN, knows the positives and the negatives and will help us understand which way to turn.

The next General Meeting is:
17 November 2005 at 7:00 pm
at the Salvation Army Headquarters building
Columbus Avenue at Berkeley Street
Boston
(Parking in the adjacent lot on Columbus Avenue)
Talk-in on 145.230 MHz (PL 88.5 Hz)

Help eradicate blank space!

Get your news, views, stories and other contributions for the December issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than December 3, 2005.

First CLASS Mail
Dated Material - Do Not Delay

Boston Amateur Radio Club
PO Box 15585
Boston MA 02215-0011
POSTMASTER:
Forwarding Service Requested
0511

*It's that time
of the year!*

Boston Amateur Radio Club 2005 Holiday Party

Here's why you must not pass this up:

1. Past experience has shown that you are guaranteed to have a good time,
2. You will be among the members and friends of the *Boston Amateur Radio Club*.
3. The BARC gourmet and gluttony departments praise it far and wide.
4. Good food at a reasonable price.
5. You get to vote on the BARC "Ham of the Year," and watch the winner squirm.
6. It's for you, your family and your friends (if any).

Here's what's happenin':

Where:

Dockside Restaurant
229 Centre Street (between Main and Ferry)
Malden MA 02148

When:

Thursday, 15 December 2005
7:00 pm
(The regular club meeting is suspended.)

Free parking in the adjacent lot ♦ T buses #106 and #108 from Wellington stop nearby ♦ Talk in on 145.230

Food ?? Of course !!

As you can see in the coupon below, you have some choices to make. For more people, the restaurant just needs to know how many of each item.

Cost ?? We knew you'd ask !!

It's a bargain at \$20.00 per person (tax and gratuity included). Reserve seats for yourself, your family and your friends by sending your check, *payable to BARC*, with the coupon below, and get it in the mail quickly. Take a \$5.00 discount for each of your guests. A \$5.00 per person surcharge will be added at the door.

Nominate your choice for the *BARC Ham of the Year 2005* on the *other* coupon below.

Send both coupons below to:

*Mike Ardai, NIIST
41 Williams Street
Malden MA 02148*

Send before 18 November 2005

Send before 18 November 2005

Send before 18 November 2005

A party? Of course we'll be there!

Make a selection from each group:

Body Count: _____

Side Garden Salad

Caesar Salad

Spinach Salad

Steak Tips

Baked Haddock

Chicken Broccoli & Ziti

Mashed Potato

French Fries

Rice Pilaf

Ice Cream

Chocolate Cake

Chocolate Peanut Butter Pie

BARC Ham of the Year 2005

I nominate: _____

Because: _____

Name _____ Call Sign _____

Email _____ Phone _____