



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVII, Number 2; February 2005

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



A Mixed Bag

-- Eric Falkof, K1NUN

Last night, several members of your Executive Committee met with the director of the Parlin Memorial Library in Everett to donate several books about ham radio, in appreciation and gratitude for allowing us to use that site for our Business meetings for the past four years. With these books, we hope to answer some questions that young and old readers may have about "Ham Radio? What's that?" Similarly, we hope those readers will become callers and, eventually, visitors and members of BARC.

These books provide different perspectives on ham radio: from DXing and contesting to building and technical issues to conversation and public service. And when you come to think of it, all parts of this spectrum of interests blend into a continuum. Think of this...

A DXer/contester gains skill in rapid messaging, picking essential information from a crowded melee of signals. The rag chewer/public service ham also has to extract the essential information to continue a conversation or deliver a message. Both must transmit clean signals and receive accurately, requiring an understanding of technical issues inherent to the correct operation of their equipment.

The combination of skills gained in one activity enhances the ability to engage in the others.

This is the strength of BARC. We have members who are adept at all aspects of our service and hobby.

- We have DXers and contesters – see our February speaker upcoming (article elsewhere) and our honored speaker in November. DXing is very much a part of BARC.
- We have rag chewers and public service people – listen on the air to our club repeaters and on other frequencies, and see the lists of events we've participated in or coordinated on behalf of agencies, which required communications specialists.
- We have technical people – look at the descriptions of the equipment the club maintains and participate in the conversations about topics ranging from sunspot cycles to Hamming over the Internet.

BARC offers a mixed bag of skills, abilities, and adventures. Stick your hand in and come up with some goodies!

Get the Word on DXing and Contesting at the February General Meeting

-- Blake T. Haskell, K1BTH

The February BARC General meeting will be held on Thursday, February 17, 2005 at 7:00 pm. Bill Ohm, W1OHM, will present a lively discussion on DXing and Contesting.

Bill is an avid DXer and contester himself, having been a participant at several multi-op events. He will demonstrate the sights and sounds of DX and contests. Come learn why contesting and DXing are core to the ham radio experience!

First licensed as WA9KSZ in Chicago, Bill has fond memories of going to the Chicago FCC Field Office to take the CW test for his General license. When he moved back east, he received WA1TTE as a call and then took W1OHM when vanity calls became available. Bill is retired, plays video poker and trades stocks. He is very active in Chelmsford's Emergency Management program.

Our General meetings are held on the third Thursday of each month at the Salvation Army, 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 of this newsletter.

If you arrive after 7:15 pm, ring the bell at the door to be admitted, as the door is locked at that time.

Last Month's Meeting

-- Eric Falkof, K1NUN

Last month, Blake Haskell, K1BTH, led a discussion about BARC, BERT, public safety, and public service. We have opportunities to serve and people that are asking for our support. This is an ongoing area of interest for the club and the conversation will continue at the next *The SPARC* folding party on February 9. This will be just the next in a continual conversation.

Your Help Is Needed For Good Meetings

-- Blake Haskell, K1BTH

The Program and Activities Coordinator (that's me) can pull it together and handle the details, but he needs you to make suggestions as to what will excite you at the meetings. If you have an idea for a speaker or presentation, please let me know. You can reach me at k1bth@arrl.net. My telephone number is 781.925.9900. Remember – this is your club. Tell me what you want and I'll try to make it happen.

Future General Meeting Dates

(Third Thursdays at 7:00 pm)

17 February 2005

17 March 2005

21 April 2005

19 May 2005

16 June 2005

BARC Donates Ham Radio Books to the Parlin Memorial Library

-- Eric Falkof, K1NUN

On February 6, 2005, your Executive Committee presented the following books to Ms. Deb Abraham, Director of the Parlin Memorial Library. These books represent a core of learning and will serve to answer the "What is...?" questions that often arise.

- *Now You're Talking*
- *Ham Radio for Dummies*
- *The Radio Amateur's Handbook*

The books are only a small token of appreciation for the library's support of our monthly meetings for the past four years.

Remember the Elevator Speech contest? Before the presentation, Ms. Abraham asked the correct question: "Ham Radio? What's that?" [Honestly, she came up with it herself!] Short of opening any of the books and reading, we answered and, I think, were able to give an accurate, brief, and sufficient answer that left her asking more questions. We hope she will be able to share them first with the other librarians, answer *their* questions, and they will refer readers to these books, the newest of their kind in the library.

The Everett Parlin Memorial Library will insert a bookplate in each book, acknowledging the donation from the Boston Amateur Radio Club and include our club website where readers will be directed for more information about Ham Radio.

Heavy Hitters Traffic Net Has Moved to Boston

The Heavy Hitters Traffic Net (HHTN) is now held on the BARC VHF repeater, 145.230 MHz (-), CTCSS 88.5 Hz, Monday through Friday at 2230 hours local time. Formerly meeting on the Waltham repeater (146.640 MHz), this move is considered semi-permanent pending evaluation of the Waltham repeater.

Membership Renewal

The BARC fiscal year is the calendar year, so our membership renewal process begins again. If you have not yet renewed for 2005, the Membership Information form for 2005 is included with this issue of the newsletter. We need your support to help you get the most out of ham radio. Our club is one of the strongest and best around; your help is needed to keep it growing.

Please help the Treasurer by renewing promptly. Complete the form and either mail it with your check to the address shown, or bring it to the club meeting. Of course, we would love to see you at the meeting(s).

You can also renew your membership with one finger (if that's your typing method). Fire up your computer and go to www.barc.org/membership.html or click on the membership link on our home page. Fill out the Membership Information form on line and you can pay your dues (and add a donation, if you can) using secure PayPal (even if you don't have a PayPal account). Our PayPal address is w1bos@arrl.net.

Looking For...

BARC is looking for:

- Storage space for club radios and other equipment. A secure, weatherproof location is required. Contact any of the officers.
- Field Day. Remember the story about the little chicken who asked the other farm animals to help bake bread, but nobody had the time. Remember what happened when the bread was baked, everyone wanted to help eat it? Well, Field Day is coming. If you'd like to share *any* aspect of the event (prep, setup, operate, "de-prep" and more), contact Eric, K1NUN, or Joe, KB1IXK. Not seeking commitment at this time... just interest in sharing.
- This space reserved for expansion!

PowerPoles Revisited

-- Eric Falkof, K1NUN

Anderson® PowerPole® connectors are a powerful (ouch!) adjunct to our accessories. They allow a rapidly interchangeable power connector to mate with various devices without regard to the male-female matching and they offer high reliability at home and in the field. The Boston Amateur Radio Club has acquired a special tool to use with these connectors, and we have sufficient connectors to allow each member to have and install two pair free, as a membership benefit. Additional connector pairs can be purchased for only \$1.00 per pair.

Tools and connectors will be available at each meeting for installation, instruction, and assistance.

[Anderson and PowerPole are registered trademarks of the Anderson Power Corporation.]

Hams Needed For A New Public Service Event

-- Bob Salow, WA1IDA

The Boston Police and the State Police are sponsoring a half marathon and a 5K run and walk to benefit the "Kids at Risk" programs. All events run concurrently with the start and finish at the World Trade Center in South Boston. They will be held on **Sunday, 13 March**, with hams reporting at 0900.

The sponsorship is of particular interest to us since it gives hams exposure to the police departments, letting them see the communication skills we use under critical situations. Considering the short notice we were given for this new event, our prompt mobilization will also be observed.

While the final routes have not yet been authorized, the venue is expected to be in the Back Bay, downtown Boston, and Cambridge. Course aid stations, a mobile, and several shadows are expected. All stations should be closed by early afternoon (some sooner).

We should not miss this opportunity to show public agencies what we can do. Time is short and your help is needed. If you can lend a hand or you have any questions, do not hesitate to contact Bob Salow, WA1IDA, at walida@arrl.net or 508.650.9440.

BARC Monthly Breakfast

BARC holds a social breakfast on the second Sunday of each month; the next is December 12. We meet at the Old Country Buffet at the Watertown Mall at 8:30 am.

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. If you are not a BARC member, you are invited to meet with us and see what we're all about.

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 Growth

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. There may also be some upgrades and long lost members who rejoin, so greet them, too.

Patrick Merat W1EHU

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.

Looking Ahead At Public Service

-- Bob Salow, WA1IDA

When hams engage in public service as mandated by the FCC Rules, the benefits go well beyond just following the rules. We can enjoy our hobby - have fun! We protect the health and safety of event participants. We support worthy charities. We learn to work within an organized effort. We experience the technical aspects of operating under adverse conditions. We practice communicating under emergency conditions. We can demonstrate these qualities to the communities we serve and thus promote our service for their acceptance.

Throughout the year BARC coordinates several public service events. Most of these are open to hams who are new to helping at such events as well as experienced hams. Any support needed is always available. Here are some of the 2005 events we have been asked to support in the coming months. In some cases, formal recruiting will not take place until closer to the event. Feel free to contact Bob Salow, WA1IDA, if you have any questions - walida@arrl.net or 508.650.9440.

- ◆ *Run To Remember* - **13 March** - A Half Marathon and a 5K run and walk in Boston and Cambridge.
- ◆ *Multiple Sclerosis Walk* - **10 April** - Charity walk in Boston and Cambridge.
- ◆ *Blue Hill Observatory Open House* - **30 April** - Public presentation of ham radio in Milton.
- ◆ *Run of the Charles* - **24 April** - Canoe races on the Charles River from Needham to Boston.
- ◆ *Bikes Not Bombs* - **May** - 15-, 25-, 62-mile bicycle tours in western and southern suburbs of Boston.
- ◆ *Muddy-Buddy* - **June** - Staged athletic event in Plymouth. We may support but not coordinate.
- ◆ *Tri-Boston Triathlon* - **4 September** - Swim, Bike, Run race in Boston and Cambridge.
- ◆ *WGBH Ice Cream FunFest* - **September** - Logistics management, ham radio public awareness in Boston.
- ◆ *BAA Half Marathon* - **9 October** - 13.1 miles; 98% in Boston, 2% in Brookline.

Other events may jump in on short notice. Among our skills is the ability to apply our technical, organizational and staffing quickly and proficiently. Join our team and join in the fun.

Orange Caps for Emergency and Public Service Events

BARC has a supply of the bright orange caps for use at emergency or public service events. They are adjustable to fit all but the very largest heads, and proclaim, "Emergency Communications."

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

Simplex: 147.42

The price is \$5.00, and they are available at club meetings, or contact Dick, KA1TUZ or Bob, WA1IDA.

Minutes of the Boston Amateur Radio Club Business Meeting

February 3, 2005; recorded by Paul Olivieri, N1ZKR, Secretary

The meeting was called to order at 1835 hours.

Those attending:

Mike Ardai	N1IST	
Arthur Ashley	N1NHZ	Membership
Hank Buccigross	K1QK	
Rick DeSisto	NG1L	
Mark Duff	KB1EKN	
Eric Falkoff	K1NUN	President
Joe Harris	KB1IXK	
Dan Malloy	KA1RDZ	
Bill McIninch	KA1MOM	
Frank Murphy	N1DHW	
Paul Olivieri	N1ZKR	Secretary
Bob Salow	WA1IDA	Public Service

Committee Reports:

VEC At the January exam session, four candidates came and all four passed the exams that they wanted.

Membership Arthur, N1NHZ, said that he currently has no new candidates for membership. Bob said that renewal memberships are still coming in and that we are at the same level that we usually are at this time.

Program The speaker for the February General meeting will be Bill Ohm, W1OHM, who will speak about contesting and DXing.

Public Service Bob, WA1IDA, said that there are seven events in the upcoming year that are currently being planned. Bob also told us about a new event to be held in Boston called "Boston's Run to Remember". It will be held on Sunday, March 13, 2005 and involves a 5K run and walk and a half marathon run. The event is sponsored by the State Police and Boston Police. More information will follow when available.

Repeater Mike, N1IST, told us that the problem with the UHF (447.175) repeater is the power amplifier and that John, WN9T, has removed the amplifier for service. The machine is currently working with only the exciter, so the range is reduced. As soon as the repairs have been made, Mike will continue work to link the repeaters.

Old Business:

Eric, K1NUN, was unable to attend the ARRL New England Division cabinet meeting in Springfield, but Mark Duff, KB1EKN, did attend and briefed us on some of the topics that were discussed.

The donation of books to the Parlin Library took place at a brief ceremony before the Business meeting. Photos of the presentation will be sent to the local newspaper by the library staff and will also be available on the BARC website and in a later *The SPARC*.

On Line Survey There have been fourteen responses so far. A complete analysis has not been done, but most people seem to think that the survey is a good idea. A reminder will go in the February issue of *The SPARC* to encourage members to take the survey so we can get a broader view of members' interests.

By-Law Review The committee is continuing to work and has no final recommendations at this time.

Brochure Blake, K1BTH, has forwarded what he had to Eric who printed it out and distributed it for further comment, corrections, additions, and deletions. Hopefully some graphic/photos can be added and it will be produced sometime in the near future.

New Business:

A motion was moved, seconded and passed to buy a season pass for space at the 2005 MIT Flea Market.

Field Day We have the permit and confirmation for the site at Larz Anderson Park in Brookline for our use for Field Day on June 25 – 26, 2005. We still need a Chairperson and committee to do planning.

Boston Marathon 2005 A consortium of several clubs is being formed to coordinate ham radio support for portions of the event. Eric has appointed Mark Duff, – KB1EKN, to be our representative to the consortium formation. The group will meet the week of February 7, and Mark will report the results for BARC consideration.

Blake has also received a request for BARC support for the Boston Marathon from the Boston Emergency Management Agency.

Blue Hills Observatory Mark, KB1EKN, told us that they would like us to have a BARC display and possibly a station on the air at their open house on Saturday April 30.

The meeting was adjourned at 2045.

This 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 join us at this meeting.

The next Boston Amateur Radio Club business meeting will be held Thursday, March 3 (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)

3 March 2005
7 April 2005
5 May 2005
2 June 2005
7 July 2005
4 August 2005

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

Simplex: 147.42

BARC VE Sessions

NOTE: The ARRL Volunteer Examination Coordinator (VEC) has announced that the exam fee for 2005 will be \$14.

The Boston Amateur Radio Club holds its monthly VE session 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. This map also appears on page 7 of this newsletter.

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.

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 Ardai, N1IST, 781.321.7939 n1ist@arrl.net

Dick Doherty, KA1TUZ, 617.969.4880 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

14 February 2005
14 March 2005
11 April 2005
9 May 2005
13 June 2005
11 July 2005

I See the Future

13 Feb	BARC Breakfast
14 Feb	BARC VE Exam Session
17 Feb	BARC General Meeting
19 Feb	AARC Flea (Marlboro)
3 Mar	BARC Business Meeting
13 Mar	BARC Breakfast
13 Mar	Boston's Run To Remember (Rp)
17 Mar	BARC General Meeting
19-20 Mar	South Shore Model RR Club Open House (Hingham)
20 Mar	SSMRC Model Railroad Show (Weymouth)
10 Apr	Multiple Sclerosis Walk (Rp)
17 Apr	MIT Flea
30 Apr	Blue Hill Observatory Open House
6,7 May	Hoss Traders (Hopkinton NH)
15 May	MIT Flea

(Rp) = BARC repeater(s) may be used

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.

Hunting all VEs

-- Mike Ardai N1IST

We are looking for VEs to help out with the BARC VE sessions. Most of the time we have at least the required 3 for them, but sometimes we may need some more, especially if one of the regulars can't make it. If you are an ARRL-accredited VE, please drop a note to Dick, KA1TUZ (ka1tuz@arrl.net) and let him know when you might be available to help out.

We Really Want To Know

-- Mike Ardai, N1IST

The Boston Amateur Radio Club is *your* club. In order to serve you better, we have a short survey that we would like you to take. Please go to www.barc.org/survey.html - it should take you only a few minutes, and will be of great benefit to you and the club. Thanks for your help in improving BARC.

Your 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.

Water, Water, Is It Safe To Drink?

Maybe you were not in Sri Lanka, India or Indonesia. But you could have been in one of our local communities that had a water main burst this winter. Any of a number of disasters could put questionable water in your tap. Would you know how to turn contaminated water into water safe to drink?

The American Red Cross provides this easy-to-follow plan for quick water purification:

- ◆ Filter the water using a piece of cloth or a coffee filter to remove solid particles.
- ◆ Bring it to a rolling boil for at least one full minute.
- ◆ Let it cool at least 30 minutes. Water must be cool or the chlorine treatment described below will be useless.
- ◆ Add 16 drops of chlorine bleach per gallon of water, or 8 drops per two-liter bottle of water. Stir to mix. Sodium hypochlorite in a concentration of 5.25% to 6% should be the only active ingredient in the bleach. There should not be any added soap or fragrances. A major bleach manufacturer has also added sodium hydroxide as an active ingredient, which it states does not pose a health risk for water treatment.
- ◆ Let water stand 30 minutes.
- ◆ If the water smells of chlorine, you can use it. If it does not smell of chlorine, add 16 more drops of chlorine bleach per gallon of water (or 8 drops per 2-liter bottle of water), let stand 30 minutes, and smell it again. If it smells of chlorine, you can use it. If it does not smell of chlorine, discard it and find another source of water.

If local public health information differs from this advice, the local information should prevail. Additional information may be found in the Red Cross brochure, "Food and Water in an Emergency" (A5055).

Now You Can Get Your Newsletter Hot Off the Wire!

-- Bob Salow, WA1IDA

In an effort to conserve club resources, we are offering early access to *The SPARC* electronically, which also saves the costs of paper, printing and postage. Even if you have already renewed your 2005 membership, but neglected to check to accept receiving the newsletter electronically, all you need to do is send an email to the Keeper of the Database at walida@arrl.net. Let him know you want to help BARC save money.

Please provide your name, call and an accurate email address. You will be notified by email each month as soon as the issue is ready for access at a private member web site as quickly as it is published.

There is considerable cost associated with the mailed hard copy. This can be saved thanks to your acceptance and the generous efforts of Mike, N1IST, who has organized the electronic publication.

Membership Renewal

The BARC fiscal year is the calendar year, so our membership renewal process is up and running. If you have not yet renewed for 2005, the Membership Information form for 2005 is included with this issue of the newsletter. We need your support to help you get the most out of ham radio. Our club is one of the strongest and best around; your help is needed to keep it growing.

Please help the Treasurer by renewing promptly. Complete the form and either mail it with your check to the address shown, or bring it to the club meeting. Of course, we would love to see you at the meeting(s).

You can also renew your membership with one finger (if that's your typing method). Fire up your computer and go to www.barc.org/membership.html or click on the membership link on our home page. Fill out the Membership Information form on line and you can pay your dues (and add a donation, if you can) using secure PayPal (even if you don't have a PayPal account). Our PayPal address is w1bos@arrl.net.

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

The SPARC accepts commercial advertisements. BARC encourages monthly promotion of your products and services which would be of interest to our hundreds of 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@pvctronics.com or 617.232.6982; or Bob Salow at walida@arrl.net or 508.650.9440.

A midget fortuneteller who escapes from prison is a small medium at large.

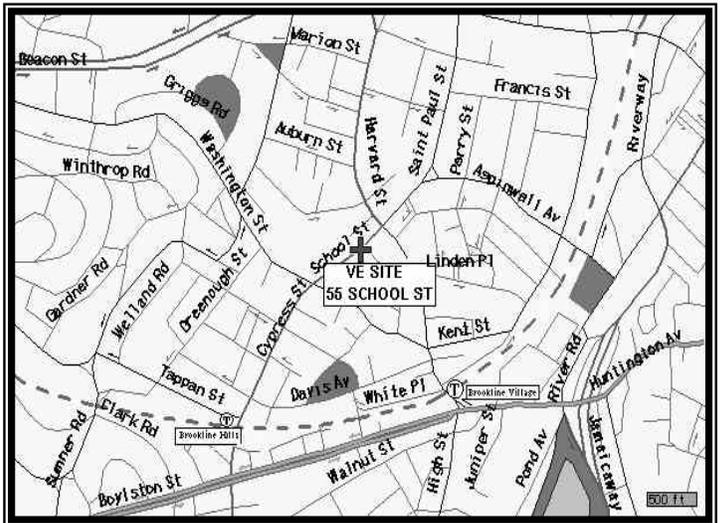
Those who get too big for their britches will be exposed in the end.

I finally got my head together; now my body is falling apart.

If love is blind, why is lingerie so popular?



General Meeting – Boston Salvation Army
 Corner of Berkeley St. and Columbus Ave.



VE Session – Pierce School
 50 School Street, Brookline, Room 110 next to the cafeteria

BARC Officers and Staff

President	Eric Falkof, K1NUN	508.358.4554	k1nun@netscape.net
Vice President:	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.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	n1ist@arrl.net
	Dick Doherty, KA1TUZ	617.969.4880	ka1tuz@arrl.net
Membership	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	wa1ida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvcronics.com
Programs & Activities	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.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.

The Boston Amateur Radio Club publishes *The SPARC* monthly with information in the interest of BARC and Amateur Radio. The design and content are Copyright © 2004, all rights reserved. Permission is hereby granted to reprint or distribute by electronic or other means any material herein, provided this publication and the issue date are credited. Such permission is limited to use for non-commercial purposes for the benefit of the Amateur Radio community. Permission for other purposes must be obtained in writing.

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)
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 Net WIME, NCS	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 N1OHJ, NCS	146.640
Fri 9 pm	SWAT Net and Net Control 101	145.230 (PL 88.5)
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net (6M)	50.275
Sun 7 pm	Youth Net	146.610 and all MMRA links
Sun 7 pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newsline)	145.470
4th Sundays 9:30 pm	EMA Section ARES Net	146.610 and all MMRA links

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

Simplex: 147.42