



The *SPARC*

Newsletter of the Boston Amateur Radio Club

Volume XVII, Number 1; January 2005
<http://www.barc.org>
w1bos@arrl.net



Welcome, 2005!

-- Eric Falkof, K1NUN

2004 was quite a year, and it promised to welcome a new and better one. Let's take a look back...

As we all know, Ham Radio is a multifaceted sport, with sub-hobbies and interests for all. We've seen or had members participate in DX contests, QRP, boat anchors, Field Day preparation and operation, antenna experimentation, mobile work, home-brewing, VHF, and more. We've also seen participation in public service through walkathons, running events, setting up and coordinating these events, alliances with public safety organizations, and more.

So, BARC members have been involved with activities that are typical of the "traditional" Ham Radio. These activities are often solitary activities, performed from the comfort and confines of one's own home. They constitute self-advancement and development of individual skills in fulfillment of Part 97 of the FCC rules. Good work! Keep it up!

BARC members have also been at the front of some of the "newer" aspects of Ham Radio (but which are as old and traditional as the rest). This is the public service component of Ham Radio. A recent *QST* editorial pointed out that newer Hams want to participate in these activities, in contrast to the traditional aspects of the sport. Kudos to those who put themselves out to assist their neighbors and friends - all in fulfillment of Part 97 of the FCC rules. Good work! Keep it up!

We need to maintain perspective. There is room for both. Indeed, we need both. Without technical and operating skills developed through reading, experimentation, and practice, we cannot effectively perform the public service role. Without the practice of front-line participation and self-development, we cannot help our communities. In fact, without both functions, Ham Radio will cease to exist because we need to do good jobs in both areas to continue to deserve our highly sought RF frequencies on HF, VHF, and UHF. We need to justify our existence in every way.

Our January meeting will provide an opportunity to explore and expand on the un-"traditional" part of our hobby and presents us with an opportunity to demonstrate commitment to our service. I strongly urge you to come to see how you can expand your horizons. More details will be found in an addition to this issue of *The SPARC*.

2005 will be an interesting year for BARC and its members. No matter the kind of Ham Radio you practice, remember Ham Radio is a contact sport!

2004 Ham of the Year – Blake Haskell, K1BTH

-- Eric Falkof, K1NUN

Blake Haskell, K1BTH, was voted Ham of the Year for 2004 by members of the Boston Amateur Radio Club. Ballots submitted for Blake and others cited many accomplishments of individuals working together and individually for the benefit of Ham Radio and our club. In the end, we needed guidance to separate individuals but without weighting to an individual, for an event, or a narrow focus on a single activity. Consequently, the club elected the Ham of the Year according to the following general principles, which are suggested as a baseline for future awards:

The BARC Ham of the Year should possess most of the following qualities:

- ◆ *Desire to promote the Boston Amateur Radio Club in positive ways to the community and other hams.*
- ◆ *Successes in promoting the BARC in a positive way, or successes at making legitimate attempts to promote BARC.*
- ◆ *Demonstrated ability to use ham radio for the furtherance of the communications arts.*
- ◆ *Demonstrated ability to organize Club members for mutual gain through the Club's participation.*
- ◆ *Demonstrated leadership in mentoring, instructing, or teaching ham radio-related skills or arts.*
- ◆ *Participation in club activities or events, at meetings or elsewhere.*
- ◆ *Supportive of BARC activities.*
- ◆ *Recognized by others (that is, sought out) as a leader or knowledgeable person for his or her skills and abilities.*

The ham's class of license is immaterial, but the ham is required to be a BARC member and licensed by the FCC or the governmental authority of the ham's home nation.

In selecting Blake, we recognize his leadership in the club as Vice President for programming, his active participation in public service events, and his leadership in furthering the Club's visibility and role in public safety in the Boston area.

BARC members will do well to emulate Blake's attributes. Congratulations, Blake Haskell, K1BTH, 2004 Ham of the Year!

Travel is very educational. I can now say "Kaopectate" in seven different languages.

I was on a date recently. We went horseback riding. That was kind of fun - until we ran out of quarters.

BARC's Elevator Speech Contest: The Winners Are...

-- Eric Falkof, K1NUN

Remember the Elevator Speech contest? The premise was to prepare a 30-second speech that could answer a stranger's question upon a chance meeting in a short elevator ride: "Ham Radio? What's that?" We received four entries and here they are, in the order you selected at the BARC Annual Holiday Party in December:

First Place Winner: Bill McInninch, KA1MOM (First Prize: a Black and Decker cordless screwdriver)

Ham radio's what you want it to be:

A link to the Space Station on your belt.

A lifeline and a way to help when disaster strikes.

A wall covered with awards earned or postcards from friends all over the world.

A way to meet actors and astronauts, kids and kings.

It's being part of the Boston Marathon.

We are technology a century old and technology a decade ahead of the rest of the world.

Ham radio is an extended family of nearly three million people to whom the usual prejudices and boundaries are irrelevant, because of what we share.

Second Place Winner: Arthur Ashley, N1NHZ (Second Prize: a combination flashlight/radio/compass)

Oh, this? It's a two-way radio. I'm with a group that does volunteer radio communications at the Boston Marathon, Walk for Hunger and other wide area, outdoor events.

There are others that enjoy experimenting, research and building radio gear. I know several of them though our club meetings and other get-togethers. They've helped with my activities.

It's been a real social and educational experience for me. Just for the fun of it, go enter <http://www.arrl.org/> to really get a better description of it all.

Any questions come to mind?

What aspects of all this interests you?

Third Place Winner: Phil Temples, K9HI, (Third Prize: a 6-inch jumper cable with BNC connectors)

What's this? Oh, it's my ham radio. You've heard of CB, right? Well, ham radio is completely different. Hams have to pass an FCC examination to receive a license and a call sign.

We can do a lot more than just talk on walkie-talkies. We use computer communications, television, Morse code - you name it. I've known some hams who even bounce their signals off the moon! We've got a bunch of satellites orbiting the earth that we can use to relay our signals.

"Say, did you know that almost every astronaut nowadays is a licensed ham? They use it all the time on the International Space Station.

"Hey, check out www.arrl.org on the web. That's our national organization. See you later!"

And the Forth Place Winner... Well, it was mine and it paled in comparison to the others, so I won't bother printing it, but you can find it in last month's SPARC's archives!

Remember, when you are confronted by someone who sees you with your radio and says, "Ham Radio? What's that?" you now have an arsenal of responses with which to reply. Or use these to prepare your own "elevator speech." You may only have 30 seconds to create a reputation for ham radio and ham radio operators!

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.

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 Needs Storage Space

-- Blake T. Haskell, K1BTH

BARC needs storage space for its radio equipment. Come Field Day 2005, we are losing the space we currently keep equipment in. A new home is needed for the equipment after Field Day.

We need about a 10' x 10' safe, secure, weather-tight space that has reasonable access after hours. This space will be used to store cable, antennas, spare parts, tents, etc. There will not be any hazardous materials or liquids stored there. Ideally, there will be a light. Access to an electrical outlet would be great.

We are seeking suitable space in the Boston area where it will be more centrally located for ease of access and work parties.

If you have any space that can be donated or know of someone we can approach about this, please contact Eric, K1NUN, at 508.358.4554, k1nun@netscape.net or Blake, K1BTH, at 781.925.9900, k1bth@arri.net.

Show & Tell

-- Eric Falkof, K1NUN

As part of our January meeting, let's take a couple of minutes to show our latest holiday gifts - whether from Santa, our significant others, or ourselves! New radio? New book? New accessory? If it is transportable, think about bringing it along to show and share with the rest of BARC. Bring your own power source, if required!

January General Meeting

The next General Meeting of the Boston Amateur Radio Club will be on Thursday, January 20, 2005, starting at 7:00 pm.

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.

Future General Meeting Dates

(Third Thursdays at 7 p.m.)

20 January 2005

17 February 2005

17 March 2005

21 April 2005

19 May 2005

16 June 2005

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 wa1ida@arri.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.

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."

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

Due to severe weather, the book presentation to the Parlin library director and the BARC January Business meeting, both scheduled for January 6 were cancelled.

The presentation is tentatively rescheduled for February, prior to the business meeting. Details to follow.

The agenda for January's Business meeting was fairly light and the will be carried forward to the February Business meeting.

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, December 2 (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

When I was born, I was so surprised I couldn't talk for a year and a half.

Future Business Meeting Dates

(First Thursday at 6:30 p.m.)

3 February 2005

3 March 2005

7 April 2005

5 May 2005

2 June 2005

7 July 2005

Heavy Hitters Traffic Net Moves 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.

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.

Han Kim	KB1LKS
John Mason	K6MLU
Todd Mondragon	KB1LMO
Al Williams	KA6BVU
Fred Ziegler	KB1LLO

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@arri.net.

Hunting All VEs

-- Mike Ar dai N1IST

We are looking for Volunteer Examiners to help out with the BARC VE sessions. Most of the time we have at least the required three for the sessions, 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@arri.net) and let him know when you might be available to help out.

Net Volunteers Needed

The Eastern Massachusetts 2M Traffic Net, the Heavy Hitters' Traffic Net, and the BARC Club Net are always in need of

volunteers to act as Net Control Station. This is excellent practice for emergency communications, and also an opportunity to sharpen your operating skills among a friendly group of people. For further information please contact Mike Ar dai, N1IST.

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 \$12 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@arri.net

Dick Doherty, KA1TUZ, 617.969.4880 ka1tuz@arri.net

Future Exam Dates

(Second Mondays at 7:00 pm)

14 February 2005

14 March 2005

11 April 2005

9 May 2005

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

Simplex: 147.42

13 June 2005
11 July 2005

If Brookline schools are closed, the VE exams will be canceled.

FCC Releases Hundreds Of Pages Of BPL Test Data, Filings

-- The ARRL Letter, January 7, 2005

The FCC has made public more than 650 pages of technical presentations, correspondence and filings that it says it used in making its decision on the BPL Report and Order in ET Docket 04-37. The Commission adopted new rules to govern so-called Access Broadband over Power Line systems on October 14, but they have not yet become effective. The ARRL subsequently filed a Freedom of Information Act (FOIA) request that called on the FCC to release any studies the Commission had relied upon in deciding to embrace the technology. Some information contained in the documents has been blanked out or redacted.

"Certain portions of those presentations have been redacted, as they represent preliminary or partial results or staff opinions that were part of the deliberative process," FCC Office of Engineering and Technology Associate Chief Bruce Romano said in a cover letter releasing the documentation December 22. "Moreover, the redacted information was not relied on by the Commission in making its decision," Among the FCC Laboratory presentation charts the FCC redacted was one titled "New Information Arguing for Caution on HF BPL."

The documentation includes presentations and graphs resulting from field tests of BPL trials in PA, MD, NY and NC. The tests, conducted by the FCC Laboratory's Technical Research Branch, looked at BPL technology by Amperion, Current Technologies, Ambient Technologies and Main.Net.

The ARRL is continuing to review the extensive documentation in detail. ARRL Laboratory Manager Ed Hare, W1RFI, maintains that the FCC documents tend to back up assertions the League made in its filings. "The FCC reports clearly show that BPL operating at the FCC Part 15 emission limits generates a strong RF signal for long distances along overhead power lines," Hare said. "The FCC data showed noise that was many decibels above otherwise quiet ambient noise levels." Hare said that even in spectrum notched out by BPL system providers, the FCC-provided reports indicate a measurable increase in noise levels on amateur frequencies.

Approximately 150 pages of the documentation consisted of technical material and presentations by FCC staffers. The remaining 500-plus pages include correspondence, technical reports and interference complaints from radio amateurs to the FCC. Falling into the last category is extensive correspondence involving the Alliant Energy BPL field trial in Cedar Rapids, IA. That pilot project was abandoned after difficulties in resolving interference issues with local radio amateurs proved insurmountable.

The FCC just this week provided additional spreadsheet data to ARRL under separate cover. By releasing the information, the FCC made it part of the official record in the proceeding. Some,

but not all, of the BPL-related material is on the FCC Electronic Comment Filing System under ET Docket 04-37.

In an interview January 3, OET Deputy Chief Bruce Franca asserted there's enough spectrum to permit Amateur Radio and BPL to coexist. Franca, who heads the Commission's BPL Task Force, spoke with Broadband over Power Line World's Marc Strassman.

www.etopiamedia.net/bplw/pages/bplw16-5551212.html

"There are enough frequencies that amateurs can operate and BPL can operate in a compatible mode," Franca told Strassman. Franca also expressed confidence in technological solutions to any Amateur Radio - BPL interference issues that might arise. "I'm very optimistic at the end of the day," he said. "Technology is going to solve this problem."

BARC Net Preamble

Any further business for the repeater before we begin the Boston Amateur Radio Club Net? This is <<YOUR CALL>>.

Calling the Boston Amateur Radio Club net. This is <<YOUR CALL>>, my name is <<YOUR NAME>> and I am located in <<YOUR TOWN>>. This net meets each Monday evening at 9 pm Eastern Time on the 145.230 Boston repeater, PL 88.5. This net is an informal round table discussion concerning matters of interest to the members of the Boston Amateur Radio Club and the Boston Amateur Radio community in general. When checking into the net, please say, "this is" and drop your carrier to check on doubling. Then give your call sign, name and location. All amateurs are welcome to join the net. Any checkins for the Boston Amateur Radio Club net please call now.

Is there any further business for the net before I close?

Hearing nothing, this is <<YOUR CALL>> closing tonight's session of the Boston Amateur Radio Club Net. I would like to thank everyone who participated in the net and those who stood by while I ran the net. The Boston Amateur Radio Club Net will return next Monday evening at 9 pm Eastern Time. This is <<YOUR CALL>> returning the repeater to general amateur use. 73.

We Really Want To Know...

-- Mike Ardai, NIIST

The Boston ARC is *your* club. In order to better serve our members, we have short survey that we would like you to take. Please go to www.barc.org/survey.html - it should take only a few minutes. Thank you all for your help in improving BARC.

PowerPole Connectors and BARC

Anderson® PowerPole® connectors and the professional crimping tool are available at each meeting. The first two pairs of connector bodies and contacts are free for each member. Each additional pair set is \$1.00. Bring your cables and/or radio.

Assistance is available. Soldered connections cannot be made onsite at this time.

Catch us on the Internet!

-- Mike Ardaí, N1IST

The Boston Amateur Radio Club has a web page at www.barc.org. Here you can find some of the latest BARC news, sample exams, maps to our meetings and VE sessions, links to other radio clubs, and a club roster (only names, call signs, and email addresses are on-line). If you have any suggestions, please let me know at nlist@arrl.net.

New on our web page are the club articles:

www.barc.org/articles.html

and bylaws:

www.barc.org/bylaws.html

We also run an FTP site at [ftp.barc.org](ftp://ftp.barc.org) under [pub/hamradio](ftp://ftp.barc.org/pub/hamradio). We've got a mirror of the ARRL infoservert, BARC documents, ham radio software, and a huge mods archive.

We also run a club email list via qth.net. You can subscribe, unsubscribe, or manage your qth.net subscriptions at <http://www.qth.net>. This change applies to all mailing lists previously on qth.net directly.

I See the Future

20 Jan	BARC General Meeting
22 Jan	NE Antique RC Flea (Nashua NH)
3 Feb	BARC Business Meeting
13 Feb	BARC Breakfast
14 Feb	BARC VE Exam Session
17 Feb	BARC General Meeting
19 Feb	AARC Flea (Marlboro)
19-20 Mar	South Shore Model Railroad Club Open House (Hingham)
20 Mar	SSMRC Model Railroad Show (Weymouth)

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.

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.

ARRL Returns to Commissions for Clubs

Responding to the wishes of many ARRL-affiliated clubs, the League has reinstated the Club Commission Membership Recruitment Program. BARC, an ARRL-Affiliated club, can again earn \$2 for each ARRL membership *renewal* processed through the club. We continue to earn a \$15 commission for each new or lapsed (over two years) ARRL membership sent in. This program applies to both regular and senior ARRL membership dues. Excluded are family and blind memberships, and the program may not be combined with any other special offer or discount program.

When it comes time to renew your ARRL membership, make your check *payable to BARC*, and give it (with your renewal form) to the BARC Treasurer. The Treasurer will process it from there.

If you are not yet a member of ARRL, there is no better time to join the National Association for Amateur Radio. The BARC Treasurer has ARRL membership forms that detail the rates for the various membership categories. It's your best investment in ham radio.

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 wa1ida@arrl.net or 508.650.9440.

I'd kill for a Nobel Peace Prize.

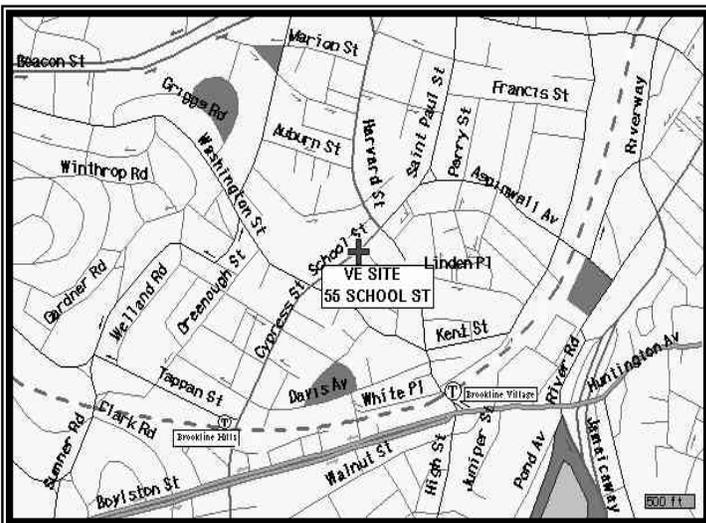
Borrow money from pessimists -- they don't expect it back.

99% of lawyers give the rest a bad name.

All those who believe in psycho-kinesis, raise my hand.



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@ar1.net
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	Dick Doherty, KA1TUZ	617.969.4880	ka1tuz@ar1.net
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Programs & Activities	Blake Haskell, K1BTH	781.925.9900	k1bth@ar1.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