



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVI, Number 9; September 2004

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



Making Connections

- Eric Falkof, K1NUN

Summer is over, and it's time to come back to our monthly meetings, greet friends, and catch up on whatever we did since Field Day or before. Ham Radio is a contact sport, and we need to keep those connections to stay in contact with each other. Radio, after all, is not the be-all and end-all of our hobby and service. We need those human connections to make it worthwhile.

Our's is one of the few hobbies that requires someone else to confirm you are doing OK, whether it is to know you are DFQ, S9, or simply copyable. You can work on your bench and test to your heart's content, but sooner or later you've got to test your creation, and that's where the contact sport comes in to play. Consider this...

A bass fisherperson (DXer) studies the current (propagation) and river pattern (sunspot cycle). He/she selects the proper rod (radio) and lure (antenna). Knowing the best time of day for when the fish are biting (gray line propagation), making the catch (QSO) is fairly easy. The feedback of all the preparation (QSL) is the bragging right back at the watering hole (award desk and certificate). But we don't need no stinkin' fish, we depend on a person to make the contact and confirm it.

So, if bass fishing is a sport, then Ham Radio is also a sport. And now is a hot season for dusting off the equipment, sharpening our ears, fingers, and vocal cords for a new season where people make the radio difference.

Summer is over and we will come together again for a new season, with new officers and some new ideas and some new plans. We will provide a program of interesting speakers for the many types of radio sportists. We will continue our involvement with public service and public safety agencies. And we will grow a few more activities for all to partake. We have connections to rebuild and new ones to make. Think of the "catch of the day"!

Thanks to the officers of last year who paved the way, and thanks to the membership who has placed their trust in me as your new president. I am supported by a knowledgeable and active team. We have plans for you!

Activities Ahead!

Our first activity for the general membership this year is about connections and contacts. Elsewhere in this edition of *The SPARC*, you will read an article about compatibility for radios using the almost-ubiquitous Anderson® PowerPole® connectors.

As a benefit of membership, every member will be able to prepare a set of these connectors for their radio or station. We will continue to make these available through the year and beyond.

Our second activity, three days later, will also bring us into contact with each other in a different way. Shortly after the first General meeting, we will have a BBQ picnic at the Fire Museum in Hingham. Car pool and travel info is elsewhere in *The SPARC*.

But don't forget the Monster Challenge before the club meetings begin, the WGBH Ice Cream FunFest the day before the BBQ; the BAA Half Marathon in mid-October, and more. (Contact Bob Salow, WA1IDA ASAP for info how you can participate.)

Supposedly, a Red Cross Water Safety Instructor once said, "You can read all you want about swimming, but sooner or later you've got to get wet." So, BARC members, come on in, the water's fine!

Committee Participation

- Eric Falkof, K1NUN

As mentioned in last month's newsletter, at the next General meeting, we will pass around a clipboard with lists for you to indicate whether you desire to learn more about, and maybe participate in, some of the club's committees. These lists will be returned to the committee chairpersons who will contact you within a couple of weeks. If you do not hear from them, contact me and I will ensure you get a response!

Committees include Public Service, BERT (Boston Emergency Response Team), Repeater, Membership (including the VE Team and Elmering and enrollment), and SATERN (Salvation Army Emergency Response Network).

Do you have an idea for another committee, such as contesting, digimodes, mobileering, DXpeditioning, or others? Call or write me and we can discuss your involvement in your chosen special interest.

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.

John Baksys

W1ABN

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

Simplex: 147.42

Please welcome the new BARC members. 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.

All You Can Eat and Public Service, Too

-- Bob Salow, WA1IDA

Here's a ham public service event where the reward might be better than the job. WGBH, the public TV channels 2 and 44, and FM radio, will hold their annual Ice Cream FunFest on **Saturday, 18 September**, at and around the WGBH station on Western Avenue in Brighton.

As in past years, thousands of people are expected, but they will all be loaded into the one day. We have been asked to provide communications for the safety and management of the crowd and their vehicles. We plan a revised strategy for parking lot coverage so we can be more effective and efficient. It's a compact area, so 2-meter simplex HTs can be used.

A great advantage for us is that BARC is given free booth space for us to promote public awareness of ham radio to the thousands of visitors. In past years our booth has introduced many people to our hobby and also stirred interest in several inactive hams. About 16 to 18 hams will be needed for communications and/or meeting the public.

Although such a good cause (and good publicity for us) doesn't need it, here's the good part: all volunteers get to eat all the ice cream you can consume (urp!). The ice cream is provided by 11 suppliers, so you can make comparative tests (urp, urp!).

If you can help (**from 0900 to 1500**), get more information by calling Bob Salow, WA1IDA, at 508.650.9440, or email to walida@arri.net.

Here Comes the Fourth Annual BAA Half Marathon - Your Help Is Needed!

As a complement to the Boston Marathon, the BAA started a new event four years ago - a Half Marathon run through the Emerald Necklace, almost entirely (98%) in Boston (2% in Brookline). We have been asked again to lend communications support for this event. While the ham radio part is straight forward, the complexities of an urban course make our services a vital part of protecting the runners and spectators.

The 2004 Half Marathon will be held on **Sunday, 10 October** from early morning to late morning. The course runs from Clemente Park in the Fenway, along the Riverway, Jamaica Way and Arborway, to a turnaround at the Franklin Park Zoo, and back again. As we did last year, 2-meter/70-cm hand-helds should do the job. An antenna better than a "rubber duck," sufficient batteries, and an earplug are your best friends.

Our ham participation has also impressed local authorities, and we want to keep it up. Your help is needed. If you can volunteer, contact Bob Salow, WA1IDA, at 508.650.9440, or by email to walida@arri.net.

If you drink, don't park. Accidents cause people.

Cookout In Place of September Breakfast

On Sunday, 12 September, BARC will hold a cookout for members, their families and friends. This social event will take the place of the usual Sunday breakfast for that date.

The cookout will be held at the Bare Cove Fire Museum in Hingham from 1100 to 1700. The Club will supply hamburgers, hot dogs, salads and soft drinks. Barbecue grills will be provided so you don't have to eat the meat raw. Bring any other victuals you would like. The Fire Museum and the nearby South Shore Model Railroad Club will provide added fun.

A good turnout is expected, so you will have a good time. To assist in the planning, contact Paul Olivieri, N1ZKR, to indicate your attendance and your guests. If you need a ride or can offer a ride, tell Paul and he will try to help solve such connections. You will, of course, be responsible for the travel arrangements. Paul can be reached at n1zkr@juno.com or at 617.782.4005.

Directions: The Fire Museum address is 19 Fort Hill Street in Hingham. From Boston, take Route 3A South. Cross over the Hingham/Weymouth Bridge, then take a right on to Beal Street. At the end of Beal Street, turn right on to West Street. At the end of West Street, at the Stop sign, turn right on to Fort Hill Street. An immediate left will then bring you into Bare Cove Park and the Fire Museum.

There is a sign on the street for Bare Cove Park directing you into the Fire Museum and the South Shore Model Rail Road Club. The entrance to Bare Cove Park is on South Street, across from the South Shore Country Club between the Hingham Credit Union and Thomas Auto Body (on Fort Hill Street). Fort Hill Street starts at the East Weymouth town line, but the name changes when it crosses the railroad tracks and it becomes South Street.

The Fire Museum has a web site if you would like a sneak peek: <http://helmetshields.tripod.com/bcfm.htm>. The official Museum phone, 781.749.0028, is answered by Geri Duff, KB1ISG. The actual building phone is 781.749.3535. It will be answered the day of the event.

Greet Our New Officers

Congratulations and welcome are due the elected officers of BARC. At the June General meeting, the following were elected:

President	Eric Falkof	K1NUN
Vice President	Blake Haskell	K1BTH*
Secretary	Paul Olivieri	N1ZKR
Treasurer	Jim Clogher	N1ICN*
	*incumbent	

According to our bylaws, the new terms of office begin at the following General meeting (September). Please give a helping hand to the club and the officers by contacting any of them to assist in club activities.

Swim, Bike, Run, Ham, Done

-- Bob Salow, WA1IDA

Early in the morning the water temperature was about 62°. Too *C-C-COLD* for me, but almost thousand others, jumped into Boston harbor, and the Monster Challenge Boston Triathlon was on. The air temperature warmed up to the pleasant 70s as they picked up their bikes and rode off to downtown, through the North End, Charlestown, Cambridge, and back to the World Trade Center in South Boston. Off the bikes, sneakers on, and now run a few laps into the Boston Marine Industrial Park. Rhetorical: were their brains pre-frozen before they jumped into the water?

Sunday, 5 September had dawned gray and windy. The course, however, had to contend with the last of the Big Dig, assorted other road hazards, and confusing urban intersections. This was the fourth annual triathlon held in Boston to benefit the AIDS Action Committee. The principal sponsor is Monster.com.

The world-class professional and the amateur athletes all had to be watched, guided and protected through their exertions. 22 hams supported communications to the great satisfaction of the organizers. The hams who volunteered were:

John	KB1EB	Bud	N1ADF
Arthur	N1NHZ	Rick	N1HID
Bill	N1RYT	Paul	N1ZKR
Jim	N1ICN	Sam	KB1KEK
Alan	K1VQ	Ed	K1EP
Rick	NG1L	Joseph	KB1EIP
Ralph	N1LAH	Martha	KB1FMT
Mark	KB1EKN	Mark	K1MGY
Dave	KB1KMA	Bob	WA1IDA
Joe	KB1IXK	Pete	KD1QS
Stewart	W1UVE	Ishmael	WA1VRB

National Preparedness Month

September is National Preparedness Month. Throughout the month, the US Department of Homeland Security, American Red Cross, the America Prepared Campaign, the National Association of Broadcasters, the U.S. Department of Education and other partners, will host a series of events to highlight the importance of citizen emergency preparedness.

National Preparedness Month will provide Americans with a variety of opportunities to learn more about ways they can prepare for an emergency, get an emergency supply kit, establish a family communications plan, and become better aware of threats that may impact communities. It will also provide them with several opportunities to volunteer or get first aid or CPR training.

To find out more about preparing for emergencies, check out:
www.firstgov.gov/topics/usgresponse/protect_yourself.shtml

BARC General Meeting

The next General meeting of the Boston Amateur Radio Club will be on Thursday, September 16, 2004. 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 7:00 pm)

16 September 2004
21 October 2004
18 November 2004
16 December 2004 (Holiday Party)
20 January 2005
17 February 2005

I See the Future

12 Sep	BARC Cookout (Hingham)
13 Sep	BARC VE Exams
16 Sep	BARC General Meeting
18 Sep	WGBH Ice Cream FunFest
19 Sep	MIT Flea
1-2 Oct	Hoss Traders (Hopkinton NH)
4 Oct	BARC VE Exams
7 Oct	BARC Business Meeting
9 Oct	NE Antique RC Flea (Nashua NH)
10 Oct	BAA Half Marathon (Rp)
17 Oct	MIT Flea
21 Oct	BARC General Meeting
13 Nov	FARA Flea (E Falmouth)
14 Nov	BARC Breakfast

(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

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barc-list and on PBBSs regularly. If needed, contact any club member who has access to these.

Thanks From the City of Boston

The following letter was received from the Boston Emergency Management Agency:

To the Boston Amateur Radio Club:

On behalf of Mayor Thomas M. Menino, Fire Commissioner Paul A. Christian and the City of Boston, I would like to personally thank you for your support and assistance at the Boston Emergency Operations Center during the Democratic National Convention.

From all accounts, the Democratic National Convention at the Fleet Center and some fourteen hundred associated events within the City of Boston was a great success. This success was greatly attributed to your involvement and commitment.

As you know, since the events of September 11, 2001, the urgency of properly executing emergency preparedness plans has taken on an even greater significance. I am very thankful for your participation in this process and extremely proud of our continuing partnership.

Again, please accept my deepest gratitude for everything you did to assist us in ensuring the public's safety while preserving the democratic and recreational needs of all who attended both the Democratic National Convention and its related events.

Sincerely yours,

Robert Calobrisi
BEMA Director

Minutes of the Boston Amateur Radio Club Business Meeting

September 2, 2004

Recorded by Paul Olivieri, N1ZKR

Meeting called to order at 1840.

Present were:

Hank Buccigross	K1QK	
Ed Hennessy	N1PBA	
Mark Duff	KB1EKN	
Joe Harris	KB1IXK	
Eric Falkof	K1NUN	President
Paul Olivieri	N1ZKR	Secretary
Bob Salow	WA1IDA	
Mike Ardai	N1IST	
Jim Clogher	N1ICN	Treasurer
Arthur Ashley	N1NHZ	
Dan Malloy	KA1RDZ	
Joe Scully	K1SQT	

Eric - K1NUN, as the new President, named the following members to the Executive Committee: Mike Ardai, N1IST; Bob

Salow, WA1IDA; and Joe Harris, KB1IXK. More appointments may follow.

The club and individuals have received letters of thanks from the City of Boston for BARC participation with communications support during the Democratic National Convention.

The VE sessions will resume on the second Mondays (except this October because of the holiday) at the Pierce School in Brookline, now that renovations are done and school is back in session.

The club meeting notice has been accepted for publication in *World Radio*. We have received certificates for free *World Radio* subscriptions to be used as prizes.

Bob, WA1IDA, mentioned upcoming Public Service events: The Monster Challenge Triathlon, WGBH Ice Cream FunFest, and the BAA Half Marathon.

A preliminary inventory of club equipment has been completed. It is expected that a few additions will be made as we remember overlooked items. We will look into costs to purchase insurance for our equipment.

The cookout is set to be held September 12, 2004 at the Bear Cove Fire Museum in Hingham.

There was further discussion about making the on line member survey. Technical issues are resolved and a bank of possible questions is being assembled.

There was discussion about encouraging members to be active on committees. Recruitment will be done at the General meetings.

There was discussion about a new location for the Holiday Party. Ed, N1PBA, and others will look into some possible locations.

A motion was made and passed to buy a copy of *Ham Radio For Dummies* and *Now You're Talking* to be donated to the Parlin Library to replace outdated materials currently in their collection.

The Meeting adjourned at 2040.

•••

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, October, 7 (1st 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 Thursdays at 6:30 pm)

7 October 2004

4 November 2004

2 December 2004

6 January 2005

3 February 2005

3 March 2005

Compatibility, Power, and Anderson® PowerPoles®

- Eric Falkof, K1NUN

By now, you've probably seen the ads in *QST* showing those big red and black connectors, proclaiming power and device compatibility and connectivity.

Just what are these PowerPole things?

PowerPoles are simply a pair of interconnecting plastic blocks that, when assembled correctly, allow electrical gadgets to connect to power sources with almost no chance of messing up the connections and shorting out equipment.

Think of this... When you brought your radio home and connected it to your power supply, you probably stripped a few inches of plastic insulation from the red and black wires and twisted them to the colored binding posts on your power supply. Then, if you had another radio or accessory, you untwisted the wires from the power supply and retwisted the new pair to the supply. Or maybe you twisted them all together. And what did you do when you brought that radio to your car and tried to connect it to the car battery or lighter plug? You put on some kind of terminal that needed to be connected to something else to make the connection. And maybe that terminal would also fit on the house power supply. And perhaps you brought your radio to your buddy's house to connect to his supply (or her radio to your supply) and maybe he or she used the same kind of connector. Or maybe not. And maybe you built your own adapters to go back and forth....



Think compatibility

Many, many hams are now using identical power connectors for everything. This is the Anderson PowerPole, endorsed by most of the ARES groups around the country, and approved (but not recommended) by the ARRL. (ARRL still prefers to endorse a less reliable and older Molex® connector.) If you do not believe that most of the ARES groups are actively using PowerPoles, do a search on the web on PowerPole and see how many hits you get! One or two will be commercial enterprises that use them in their businesses, and all the rest are ham radio applications.

If everyone uses PowerPoles, we will be able to march into any situation, tranquil or emergency, and connect power to our gear. We will also be able to adapt different sources to the same common plug and interchange gear and cables, ensuring compatibility with nobody being left out of the power loop.

You may be asking, "Why Anderson?" Because they are convenient, simple, and they work. Other systems have been used, but this one seems to have the greatest popularity right now due to the foolproofness.

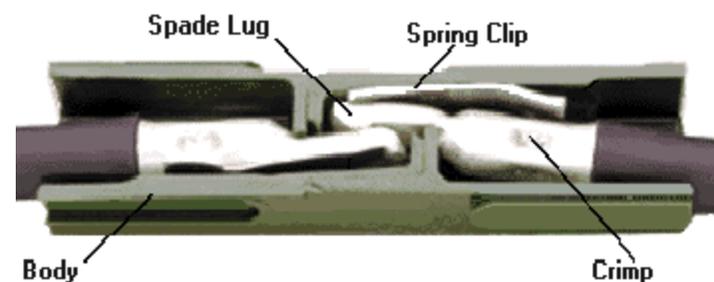
Those pictures are big. Are the connectors bulky?

These blocks are about 3/4 inch long by 1/4 inch square. You assemble them by doing the following:

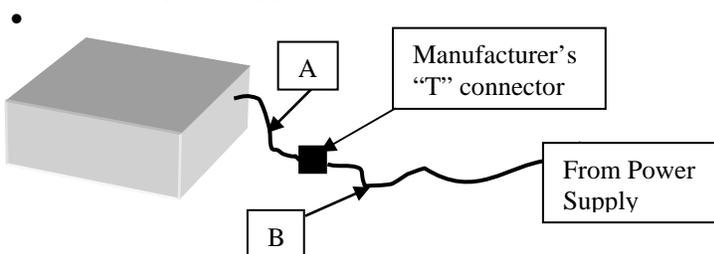
1. Put a special contact pin on a stripped wire [You can't get away from ham radio and "contacts"!]
2. Crimp the contact pin to the wire
3. Insert the contact into the PowerPole plastic housing and push it all the way in. Here's a cutaway view:

That's it!

VERY IMPORTANT: What to bring with you to the BARC PowerPole Workshop at the September meeting --



If your radio has a built-in pigtail with a "T" connector, you do not have to bring the radio, but *do* bring the cable that goes from the "T" to the power supply (cable B), like this...



At the meeting, you can install two pairs of PowerPoles at a point along cable length B. If you are unsure, bring everything.

Or - you can bring your own cigarette lighter plug or receptacle, or both, so you can make adapters for plugging into your car's 'power port' or lighter socket.

Or - you can bring just a length of cable to make an extension, with a PowerPole pair at each end.

Or - Where and how do you want to get power? Just make a jumper cable to suit your needs.

Solder or not to solder?

Your choice. We *may* have a solder station (and guiding eyes and hands) available. If you are undecided, you do not have to insert the contact into the shell right now. You can decide later. Here are some arguments from each camp:

Solder - Yes:

- “Seals” an inconsistent crimp
- Secures the crimp
- Ensures no chemical corrosion within the contact
- Ensures electrical contact, not just mechanical contact

Makes the contact stronger

Solder – No:

- May wick into the wire, making a brittle joint
- May melt plastic insulation
- Unnecessary, since the crimp is secure
- May corrupt the contact surface (too thick or bad chemistry)
- Makes the contact weaker
- May corrupt the contact's barrel (too wide for the shell)

What you get

The club will provide PowerPole connectors, contact pins, and tools. As a benefit of membership in the Boston Amateur Radio Club, we are making these available to you at no charge (well, almost no charge... keep reading) along with experienced people to assist you in doing it right. Like Heathkit of yore, we will not let you fail.

Consider your needs. Each member will receive two pairs of connectors at no charge, and if you need additional connectors, they will be available for only one dollar per pair. (Money goes right back into the club treasury.) We will assist you in assembling your cable and connectors. We will have wire stripping tools, PowerPoles, and professional crimping tools. Then, since we will all be using the same connectors, we will have achieved power connector compatibility.

To give you the highest confidence in your experience, it's best to do some *homework(!)* before the next meeting. Read the PowerPole® Connector General Installation Tips at www.westmountainradio.com/supportrr.htm. By the way, this page is from West Mountain Radio, where we purchased the PowerPoles and the crimping tool (and from whom the pictures of the connectors were obtained).

And in the future...

We apologize to our members of the Jewish faith who may be celebrating and honoring the second night of the High Holy Day, Rosh Hashanah, the beginning of the new year on the Hebrew calendar, who may not be in attendance at our workshop. For *all* members who are unable to participate in this workshop, we will have the PowerPoles with us at all future meetings. Please notify me if you plan to bring your radio and cables to ensure we have the equipment to help you at your next meeting.

BARC VE Session

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 (first Monday in October due to Columbus Day).

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: http://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)
- **\$12.00** (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 a single \$12 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, 617.969.4880 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

13 September 2004

4 October 2004 (*note schedule change*)

8 November 2004

13 December 2004

10 January 2005

14 February 2005

Hunting all VEs

Mike Ar dai N1IST

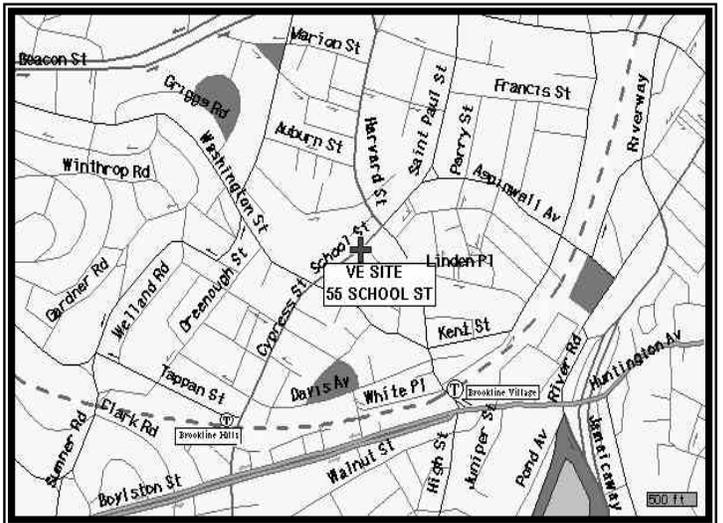
We are looking for VEs to help out with the BARC VE sessions. Most of the time we have at least the required 3 for them, but sometimes we may need some more, especially if one of the regulars can't make it. If you are an ARRL-accredited VE, please drop a note to Dick, KA1TUZ (ka1tuz@arrl.net) and let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

A fine is a tax for doing wrong. A tax is a fine for doing well.

Everybody lies, but it doesn't matter since nobody listens.



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 Ar dai, 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.

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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
daily 10:30 pm	Heavy Hitters Traffic Net (NTS)	146.640
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