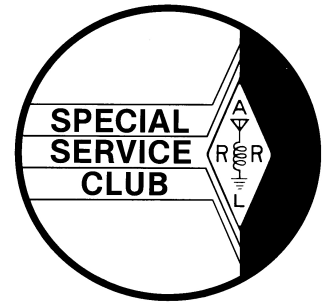




The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVI, Number 2; February 2004
<http://www.barc.org>
w1bos@arrrl.net



The President's Word

-- Paul Olivieri, N1ZKR

Greetings everyone. Well it looks like the ole groundhog says that we are going to have six more weeks of winter. (And the folks at NWS agree.) With that in mind I hope that many of you will participate in the Eastern Mass ARES Winter Communications exercise on Saturday, February 21, 2004. The scenario is a winter storm with a large-scale power outage. Find out more about this and about ARES at the web site ema.arrrl.org/ares

The membership renewals are pouring in. If you have not sent yours yet, you can use the form enclosed with this month's SPARC. Thanks to all who have sent additional donations with their membership renewals.

You can save BARC some money by electing to receive *The SPARC* electronically from a special members' website (in advance of the snail mail version) by checking that option on the membership information form. It currently costs over \$2000 per year to produce and mail *The SPARC*.

It is never too early to start thinking about Field Day. This year Field Day will be on June 26 & 27, 2004. We will need someone to coordinate the activities to ensure our usual success and a good time for all. Please contact me, Paul Olivieri, at n1zkr@juno.com or come to the March Business meeting on Thursday, March 4.

Did everyone see the article about Bill Ricker, N1VUX, in the Boston Globe? If not, check it out at the ARES web site - www.ema.arrrl.org/ares. Congratulations, Bill.

SKYWARN Training Schedule

The next SKYWARN training sessions in this area:

- Walpole Town Hall, Walpole MA - 6 May; 1900 to 2200
- Braintree Town Hall, Braintree MA - 15 May; 1200 to 1500
- Museum of Science, Boston MA - 7 June; 1830 to 2130

SKYWARN is a program sponsored by the National Weather Service (NWS) to increase information regarding surface weather conditions during critical weather events. SKYWARN is supported by a well-organized ham radio activity. Hams play an important part in the identification of local conditions and the reporting to NWS, however, it is not necessary to be an Amateur Radio operator to take this valuable training.

Batteries? You Got 'em, Now Use 'em Right

Batteries in your radio; batteries in your car; batteries in your phone. Why one kind and not another? When you need them, you want to depend on them. You want to get the best out of them.

Leo Burke, KA1LN knows, and he will share the practical and safe points at our February General meeting. He will tell us about the proper charging of several types and how to make sure that they are ready in an emergency. Leo will also let us in on the future of packaged power.

The BARC General meeting is Thursday, 19 February at the Salvation Army HQ in Boston, starting at 1900. Directions, a map and other details are elsewhere in this newsletter.

Membership Renewal

For those who have not yet renewed BARC membership for 2004, a Membership Information form is enclosed. Our fiscal year is the calendar year, so all membership renewals begin on 1 January. We need your continued support to help you get the most out of ham radio and to benefit our community.

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

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 to save the costs of paper, printing and postage. The 2004 Membership Information form (enclosed) gives you the opportunity to accept receiving this newsletter at a private member web site as soon as it is published. You will be notified by email each month as soon as the issue is ready for access.

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.

If you agree to help save money for the club, check that acceptance on the Membership Information form. And please be

sure to provide an accurate email address, clearly written, for your monthly notification. Thanks.

February General Meeting

-- Blake T. Haskel, K1BTH

The next General Meeting of the Boston Amateur Radio Club will be on Thursday, February 19, 2004. The 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 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.

As we enter the New Year, please help me out by submitting ideas for speakers. I am a one-man army and can only do so much. I need ideas! There are so many different aspects of this hobby that we should have people lining up with ideas. If you have an idea for a speaker or presentation, please feel free to send them to me. 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.

Club Improvements

Blake Haskell, K1BTH

The Business Meeting notes in the December 2003 SPARC contained an item as follows: "We will have a 'think tank' meeting shortly to figure out what we can do to attract more people to BARC and the General Meetings. What is the future of BARC?" This column will elaborate on that topic.

Attendance at the General meeting has declined. This has led some club members to ask WHY? Is it because the club is not providing topics of interest for the members? Is the club properly addressing the needs of its members? And, by the way, what are club members interested in?

To answer these questions and to gather feedback from club members we plan to hold an "Idea Generation" session that will be open to all club members. The objective of the session is to determine what club members want from the club. We will attempt to hold the session at a time and place be convenient for most people. If the place happens to be at a site not serviced by public transportation we will car pool to bring as many members as possible to the site. We are considering a 4-hour meeting possibly to be held on a Saturday sometime after the storm season has passed.

Changes may be needed in the club activities both to satisfy the needs of existing members and to attract new ones. The only way we will know that is to ask.

BARC Is Always Looking for Good Speakers

Blake Haskell, K1BTH

Now that the New Year is upon us, please help me out by submitting ideas for speakers. I am a one-man army and can only do so much. I need ideas! There are so many different aspects of this hobby that we should have people lining up with ideas. If you have an idea for a speaker or presentation, please feel free to send them to me. You can reach me at [K1BTH@arrl.net](mailto: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.

Additionally, don't be bashful about making a presentation yourself. It's lucrative – you get free parking and we'll even throw in a one-year membership to BARC.

Thanks, and I look forward to hearing from you.

Future General Meeting Dates

(Third Thursdays at 7:00 pm)

19 February 2004

18 March 2004

15 April 2004

20 May 2004

17 June 2004

ARRL Directors Minutes Available

The minutes of the 2004 Annual Meeting of the ARRL Board of Directors held January 16 - 17 in Windsor, CT, are now available on the ARRL Web site:

www.arrl.org/announce/board-0401/

Minutes of the Boston Amateur Radio Club Business Meeting

February 5, 2004 - Recorded by Hank Buccigross, K1QK

Present were:

Hank Buccigross, K1QK, Acting Secretary

Jim Clogher, N1ICN, Treasurer

Joe Harris, KB1IXK

Blake Haskell, K1BTH, Vice President

Frank Murphy, N1DHW

Paul Olivieri, N1ZKR, President

Bob Salow, WA1IDA, Public Service

Joe Scully, K1SQT

The meeting began at approximately 1845 hours.

The club will again purchase a permit for the MIT Flea Market.

The 145.230 repeater antenna will be repaired as soon as weather and personnel availability permit.

Blake, K1BTH, will check with World Radio magazine to determine whether it is feasible to put our club listing in their magazine.

Potential dates and cost for the EM-COM Level 1 course were discussed. (See more information elsewhere in this issue.)

For the immediate future, *The SPARC* folding and mail preparation will be done at the Cambridgeside Galleria food court. The next folding date is February 11. Anyone willing to help with the newsletter preparation should contact Paul, N1ZKR.

Alternative sites for the Business meeting were discussed but no conclusions were reached.

Will the club sponsor a field day this year? We need a volunteer to coordinate it.

A club balance sheet format has been created and standardized so that we will be better able to understand our financial position at any given time.

BARC has been invited to participate in the Aviation/Transportation Expo at Logan Airport on April 15. We will make a decision on participation when we have more information on the Expo attendees.

More discussion was held on the "think tank" meeting. (See the related article in this issue) Joe Scully K1SQT suggested a meeting site at the Massachusetts Archive (near U-Mass Boston).

The meeting adjourned at 2040 hours.

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 4 (1st Thursday of each month), starting at 6:30 pm. We meet at the Parlin Memorial 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)

- 4 March 2004
- 1 April 2004
- 6 May 2004
- 3 June 2004
- 1 July 2004
- 5 August 2004

New Badges For All Members

New club badges have been made for all members. If you didn't get yours yet, pick it up at any BARC meeting. A clip is provided

with the badge. If you cannot make it to a meeting (General or Business), send a SASE to the club PO box with your request. Unfortunately, the clips cannot be sent in the mail, so it's best to pick up your badge at a meeting.

ARRL Senior Dues Increase

At the meeting of the ARRL Board of Directors on 16 January, it was voted that ARRL senior membership dues be increased from \$34 to \$36 per year, effective immediately. This applies to ARRL senior members in the US and possessions. Basic ARRL membership dues remain at \$39.

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.

Alfred Falk	N2JFL
Walter MacNeil	W1WMN
Paul Tenney	KB1ISH

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: wa1ida@arrl.net.

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.*" They are \$5.00, and are available at club meetings, or contact Dick, KA1TUZ or Bob, WA1IDA.

ARRL To Propose New Entry-Level License, Code-Free HF Access

-- The ARRL Letter Vol. 23, No. 04

The ARRL will ask the FCC to create a new entry-level Amateur Radio license that would grant HF phone privileges without a Morse code test. The League also will propose consolidating all current licensees into three classes, retaining the Element 1 Morse requirement--now 5 WPM--only for the highest class. The ARRL Board of Directors overwhelmingly approved the plan January 16 during its Annual Meeting in Windsor, Connecticut. The proposals, put forth by the ARRL Executive Committee, were in response to changes made in Article 25 of the international Radio Regulations at World Radiocommunication Conference 2003 (WRC-03).

"Change in the Amateur Radio Service in the US, especially license requirements and even more so when Morse is involved, has always been emotional," said ARRL First Vice President Joel Harrison, W5ZN, in presenting the Executive Committee's recommendations. "In fact, without a doubt, Morse is Amateur

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Simplex: 147.42

Radio's 'religious debate.'" Harrison said the League's proposal would provide "a true entry-level license with HF privileges" to promote growth in the Amateur Service.

The League says its proposal would continue a process of streamlining the amateur licensing structure that the FCC began more than five years ago but left unfinished in its Amateur Service license restructuring Report and Order (WT 98-143) that went into effect April 15, 2000.

A new entry-level license class--being called "Novice" for now--would require a 25-question written exam. It would offer limited HF CW/data and phone/image privileges on 80, 40, 15 and 10 meters as well as VHF and UHF privileges on 6 and 2 meters and on 222-225 and 430-450 MHz. Power output would be restricted to 100 W on 80, 40, and 15 meters and to 50 W on 10 meters and up.

"The Board sought to achieve balance in giving new Novice licensees the opportunity to sample a wider range of Amateur Radio activity than is available to current Technicians while retaining a motivation to upgrade," said ARRL CEO David Sumner, K1ZZ. The ARRL plan would grandfather current Novice licensees into the new entry-level class without further testing.

The middle group of licensees--Technician, Tech Plus (Technician with Element 1 credit) and General--would be merged into a new General license that also would not require a Morse examination. Current Technician and Tech Plus license holders automatically would gain current General class privileges without additional testing. The current Element 3 General examination would remain in place for new applicants.

The Board indicated that it saw no compelling reason to change the Amateur Extra class license requirements. The ARRL plan calls on the FCC to combine the current Advanced and Amateur Extra class licensees into Amateur Extra, because the technical level of the exams passed by these licensees is very similar. New applicants for Extra would have to pass a 5 WPM Morse code examination, and the written exam would stay the same. Sumner said the Board felt that the highest level of accomplishment should include basic Morse capability. Current Novice, Tech Plus and General licensees would receive lifetime 5 WPM Morse credit.

Among other advantages, Sumner said the plan would allow new Novices to participate in HF SSB emergency nets on 75 and 40 meters as well as on the top 100 kHz of 15 meters. The new license also could get another name, Sumner said. "We're trying to recapture the magic of the old Novice license, but in a manner that's appropriate for the 21st century."

The overall proposed ARRL license restructuring plan would more smoothly integrate HF spectrum privileges across the three license classes and would incorporate the "Novice refarming" plan the League put forth nearly two years ago in a Petition for Rule Making (RM-10413). The FCC has not yet acted on the ARRL plan, which would alter current HF subbands.

The ARRL license restructuring design calls for no changes in privileges for Extra and General class licensees on 160, 60, 30, 20, 17 or 12 meters. Novice licensees would have no access to those bands.

See "ARRL to Propose New Entry-Level License, Code-Free HF Access" on the ARRL Web site,

<http://www.arrl.org/news/stories/2004/01/19/1/> for the specific subband allocations ARRL is proposing for each class.

The amateur community and other interested parties will have an opportunity to comment on the ARRL proposal once the League formally files a Petition for Rule Making and the FCC puts it on public notice.

BARC Monthly Breakfast

BARC holds a social breakfast on the second Sunday of each month; the next is January 11, followed by February 8. We meet at the Old Country Buffet at the Watertown Mall at 8:30 am.

We just get together, socialize and eat, without having any formal club events or business. Family and friends of club members are welcome also. The extensive buffet breakfast is *very* good. The cost is reasonable at \$7.23; for seniors it is \$6.71.

The Old Country Buffet is in the Watertown Mall, on Arsenal St. in Watertown. There is plenty of mall parking. 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.

BARC VE Session

The Boston Amateur Radio Club holds its monthly VE session on the second Monday of each month. The next session will be at 7 pm on Monday, January 12, 2004 at the Pierce School, 50 School St in Brookline; Room 110, next to the cafeteria.

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

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Simplex: 147.42

- 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 **nlist@arrl.net**

Dick Doherty, KA1TUZ, 617.969.4880 **ka1tuz@arrl.net**

Future Exam Dates

(Second Mondays at 7:00 pm)

8 March 2004

12 April 2004

10 May 2004

14 June 2004

12 July 2004

9 August 2004

VE session scheduling note

If the Brookline public schools (or the Pierce School itself) are 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).

/mike - N1IST

BARC VE Team Liaison

The Hunt for VEs Is On

-- Mike Ar dai, N1IST

The Volunteer Examiner team is looking for qualified examiners to help with the BARC monthly VE sessions. Most of the time we have at least the required three volunteers, but sometimes we may need more help, especially if 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.

Future Exam Dates

(Second Mondays at 7:00 pm)

12 January 2004

9 February 2004

8 March 2004

12 April 2004

10 May 2004

14 June 2004

Never miss a good chance to shut up.

If you find yourself in a hole, stop digging.

I See the Future

14 Feb	AARC Flea (Marlboro)
15 Feb	Antique Radio (Westford)
21 Feb	EMA ARES Simulated Emergency Test
28 Mar	FARA Flea (Framingham)
17 Apr	NE Antique RC (Nashua NH)
18 Apr	MIT Flea (Cambridge)
30 Apr, 1 May	Hoss Traders Flea (Hopkinton NH)
14-15 Aug	ARRL NE Div Conv (Boxboro)

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

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.

The Life of the Meeting

-- Bob Salow, WA1IDA

The meetings are one of the highlights of our club. We get together, see old buddies, meet new ones, and maybe learn something. Besides learning from the others present, a feature of each meeting is a speaker or presentation that can start us thinking and even doing.

There is a wealth of aspects of ham radio to be explored (even if we don't want to get into them). Let's spread that wealth around. If you want a subject covered, or if you know of a speaker on a subject that you think may interest us, get the word to Blake.

Blake Haskell, K1BTH, will make the arrangements with the speaker and the schedule, *but he needs your help* to get the ball rolling. Email him at k1bth@arrl.net or phone at 781.925.9900.

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 and enlist prospective advertisers who are appropriate to our readers.

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

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, at n1tmf@pvcronics.com.

Catch Us on the Internet!

-- Mike Ar dai, N1IST

The Boston Amateur Radio Club has a web page at <http://www.barc.org>. Here you can find some of the latest BARC news, sample exams, maps to our meetings, 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:

<http://www.barc.org/articles.html>

and bylaws:

<http://www.barc.org/bylaws.html>.

We also run an FTP site at <ftp.barc.org> under <pub/hamradio>. We've got a mirror of the ARRL infoser ver, BARC documents, ham radio software, and a huge mods archive.

We also run a club email list via [qth.net](http://www.qth.net). You can subscribe, unsubscribe, or manage your [qth.net](http://www.qth.net) subscriptions at

<http://www.qth.net>. This change applies to all mailing lists previously on [qth.net](http://www.qth.net) directly.

Be an Instructor – Here's Help

The ARRL Field and Educational Services is pleased to announce the newest resource for active Volunteer Instructors: *The Online Instructor Primer*.

This new compilation by Linda Mullally, KB1HSV, is jam-packed with helpful tips, links, and tutorials that are sure to help instructors eager to try new ideas and approaches. The web primer is organized so that information can be located in an instant. Just use the handy index, and topics ranging like "Planning" "How to Get Volunteers to Teach" and "Take Advantage of Special Events" are just a key-click away.

Quick-links give you full-access to many ARRL services. Becoming a Volunteer Instructor has never been made easier. Go ahead - read why being an Instructor can be so rewarding! Just go to www.arrl.org/fandes/ead/instructor/oip/ see how easy it has become to be an instructor.

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.

I'm Looking for a Summer Job

I'm a BARC member who will be 16 in June. I am looking for either a summer job or an internship. I'm interested and eager to learn more about science or technology, but I will take almost anything to keep my mind (and hands) busy.

My main restriction is that the job location would need to be accessible by public transportation. If you know of anything or have any contacts, please email me at kb1eip@arrl.net

Thanks,
Joseph, KB1EIP

Consciousness: That annoying time between naps.

Being "over the hill" is much better than being under it!

Wrinkled was not one of the things I wanted to be when I grew up.

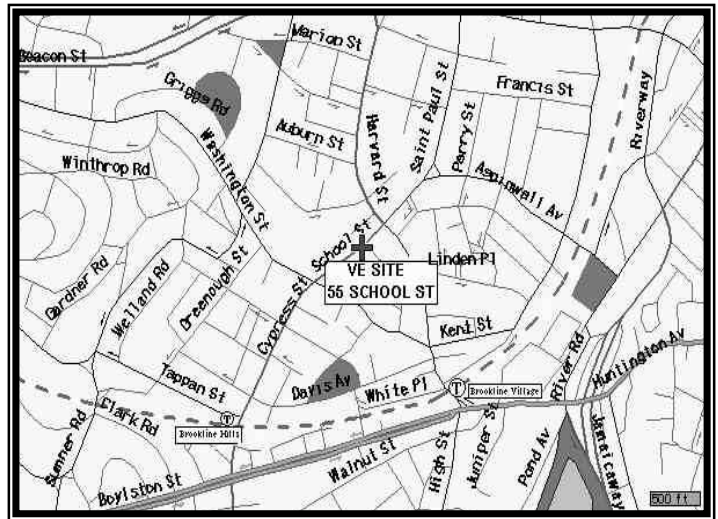
Procrastinate Now!

I have a degree in liberal arts; do you want fries with that?

A picture is worth a thousand words, but it uses up three thousand times the memory.



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	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Vice President:	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net
Secretary	Mike Ardai, N1IST	781.321.7939	n1ist@arrl.net
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	walida@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 © 2003, 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
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 W1ME, 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 Newslines)	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