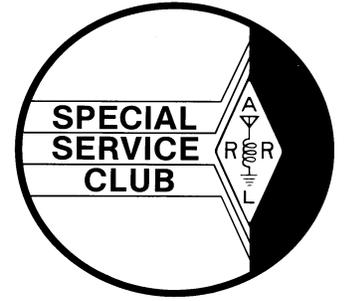




# The SPARC

Volume XII, Number 6; June 2000  
Newsletter of the Boston Amateur Radio Club  
<http://www.barc.org/barc>  
Email: [w1bos@arrl.net](mailto:w1bos@arrl.net)



## Our President Speaks

Ed Hennessy N1PBA

Have you just upgraded and gotten HF privileges but don't have an HF rig yet? Would you like to try HF operating before you consider upgrading? Do you wonder how ham radio might work in emergencies? If the answers are 'yes,' come to BARC's Field Day, help set up the stations and do some operating!

Thanks to the hard work of the Field Day Committee headed by Mike Coffey, KB1EZZ, this year's event is just about ready to go. Mike says we can use some more help, especially for station managers, to oversee the operation of the various stations. Extra class operators would best fill these roles, but anyone can help. Please consider volunteering some time and talent to help make Field Day a success.

If you happen to hear the Waltham Wranglers Swap Net some Wednesday night (or some other net) on BARC's repeater, there is probably nothing wrong with your 2-meter rig. After some recent repeater problems with both the BARC and the Waltham repeaters, BARC and the Waltham Amateur Radio Association (WARA) have agreed to serve as mutual backups for each other's repeater. The NTS traffic nets and SKYWARN have always had Waltham and BARC as backup for the other in the event of problems, but there was no arrangement for other nets. Ann Weldon, KA1PON, President of WARA, and I agreed a couple of weeks ago that our repeaters are available for backup for the other during nets when problems arise. Thanks, Ann and WARA. So, if you \*do\* hear a Waltham net on 145.23, it's okay. And feel free to check in. Or, if .23 is having problems, please go on over to 146.64 (no PL), being sure to check that it's not in use--if it is, please ask to use their machine first.

We're again looking for ideas for activities. Please contact one of the officers if you have any ideas. The only bad idea is the one no one ever knows about, so speak up!

This is likely to be my last column as president, with the elections coming up at the June General Meeting. New officers take over at the July General Meeting, but if the new president would like to say a few words in the July SPARC, he or she is certainly welcome to. So, while I have the opportunity, I would like to thank everyone associated with BARC and the Executive Committee for helping me accomplish the duties of BARC President. It's hard to believe it's been two years already. It's time for someone else to take the reins and lead the club for the next

year. Before this sounds too maudlin, I should say I am not going anywhere--I just won't be president any longer. I intend to help the club out as much as I can in the future, and perhaps head up activities from time to time.

Have a safe and happy June, and I'll see you at the General Meeting and at Lars Anderson Park for Field Day on the 24th and 25th.

73 de Ed, N1PBA

## Nominating Committee Formed Club Officers Needed

BARC will elect our club officers, President, Vice President, Secretary and Treasurer, at the June 2000 meeting. This year's nominations committee is Frank Murphy, N1DHW, and Paul Carter, N1TMF. All nominations for all club officers can be given to them, either at meetings or via email, and members can nominate themselves.

Paul Carter                    [n1tmf@pvctronics.com](mailto:n1tmf@pvctronics.com)  
Frank Murphy                [n1dhw@mediaone.net](mailto:n1dhw@mediaone.net)

## BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which is June 11 this month. We'll be meeting at the Old Country Buffet at the Watertown Mall at 8:30am. They are *very* good, offering an extensive breakfast buffet, costing \$6.35 per person.

We just intend to get together, socialize and eat, without having any formal club events or business. Family and friends of club members are welcome also. If you are not a BARC member, you too 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. From Memorial Drive continue on Greenough Boulevard to the Watertown exit, and then turn right onto Arsenal St. There is plenty of mall parking. The #70 T bus from Central Square Cambridge to Watertown Square stops right at the Watertown Mall. Hope to see all of you there -- and bring your appetite!

## We Did a 5k For Doug Flutie, Jr.

On Sunday, 21 May, the second annual "Lookout Farm 5K Road Race to Benefit the Doug Flutie, Jr. Foundation for Autism" was held in Natick and Dover. Despite the fact that the name was longer than the race, five BARC hams provided communications support for the runners and the staff.

Doug Flutie and several of his co-workers ran along with 1500 others. Over \$28,000 was raised to benefit autism research and programs. Mark Richards, K1MGY, and Bob Salow, WA1IDA worked with those of the staff who did not have effective communications. Participating were:

Arthur	N1NHZ
Paul	N1LRT
Mark	KB1EKN
Bob	WA1IDA
Mark	K1MGY

## New And Old Hams Join ARRL

It's time to join the ARRL, the National Organization for Amateur Radio. Spectrum protection, legal support, technical help, international representation, and *QST* are only a few of the benefits. Restructuring has encouraged a rush of new hams, and we want you on the inside.

The vast majority of BARC members are ARRL members. Whether you are joining ARRL for the first time, or are renewing, please sign up through BARC. In either case, **make your check out to BARC** and give it and the ARRL membership form to the BARC Treasurer. He will handle the rest, and you will get all the benefits.

## Badge, Anyone?

As all members should know, BARC provides a call sign identification badge for all licensed members at no charge. Upon joining the club the badges are eagerly awaited. OK, so why are badges lying around with no ham to pin them on? The answer is simple, but the reasons may not be.

The badges are made in batches, so a new member may experience a wait of a few weeks or months (depending on the production cycle). The accumulated badges are then brought to club meetings for distribution. *You must attend a meeting to get your badge!* It's not much of an inducement, but besides, you will find the meetings informative, fun and a helpful exchange between you and the other members. Mailing badges is cost prohibitive, so now you know how to get yours.

If you change your call sign, or otherwise have a change for your badge, tell the Keeper of the Database, WA1IDA, and a new badge will be ordered.

## Need The History Of Your License?

Those electing to contact FCC archives contractor, ITS Inc., to document having held an amateur license in the past are advised to telephone ITS instead of e-mailing. For a fee, ITS will research prior licensing records and should be able to provide you with the necessary documentary proof.

Call ITS at 717.337.1433 to place an order (e.g., for verification of a pre-March 21, 1987, amateur license). The verification letter you receive will be on FCC stationery and stamped with the FCC seal. The ITS Web site is <http://www.itsdocs.com>. Credit card orders are welcome.

## June General Meeting

This month's general meeting will be held at the Boston Back Bay Salvation Army Building, at 7:30 PM, Thursday June 15. This month, we will hold elections for club offices, Field Day planning, and hold a training session on operating a net.

BARC General meetings are held at the Boston Back Bay Salvation Army Building, corner of Berkeley St. and Columbus Ave. near Copley Square, in the second floor auditorium.

Parking is available; the entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). It is also T accessible; the nearest T stations are Back Bay on the Orange and Purple lines (exit the rear of the station by the busway and walk down Columbus) and Copley or Arlington on the Green line (use the Berkeley Street exit). A map appears on page 7 of the newsletter.

## Future General Meeting Dates

(Third Thursdays at 7:30 p.m.)

20 July 2000  
17 August 2000  
21 September 2000  
19 October 2000  
16 November 2000  
21 December 2000 (Holiday Dinner)

## Catch us on the Internet!

The Boston Amateur Radio Club has a web page at <http://www.barc.org/barc>. 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, callsigns, and e-mail addresses are on-line). If you have any suggestions, please let me know at [n1ist@netcom.com](mailto:n1ist@netcom.com).

New on our web page are the club articles:

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

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

We also run an FTP site at [ftp.barc.org](ftp:barc.org) under **pub/hamradio**. We've got a mirror of the ARRL infoser, BARC documents, ham radio software, and a huge mods archive. Cheyenne Greatorex, [n1qzs@magrathea.com](mailto:n1qzs@magrathea.com), maintains the FTP site. Contact him if you have any comments.

We also run a club e-mail list. To subscribe, send a message to [majordomo@qth.net](mailto:majordomo@qth.net) with the body (the subject is ignored)

*subscribe barc-list*

The welcome message will list the other lists that we have over at Netcom. (Yes, I know it isn't on the radio. It is, however, an additional resource for getting in touch with other hams around the world...)

73, /mike  
[n1list@netcom.com](mailto:n1list@netcom.com)

## Useful Places on the ARRL Web

The ARRL Regulatory Information Branch (RIB) just put up a new RFI package at:  
<http://www.arrl.org/field/regulations/rfi-legal/>

Information on FCC's license restructuring, along with options for upgrading can be found at:  
<http://www.arrl.org/news/restructuring/>

The new license question pools for use on or after 15 April are located here:  
<http://www.arrl.org/arrlvec/pools.html>

Watch the ARRL web site and the *ARRL Letter* for information on the new certification program.

Make sure to check out the "What's New" section every time you visit the ARRL web site to catch the most recently added items:  
<http://www.arrl.org/whatsnew/>

Thanks to Tom Frenaye, K1KI, ARRL New England Division Director [k1ki@arrl.org](mailto:k1ki@arrl.org)

## Minutes of the Boston Amateur Radio Club Business Meeting

June 1, 2000

Recorded by Michael Ardai, N1IST, BARC Secretary

Present were:

Mike Ardai	N1IST	Secretary
Arthur Ashley	N1NHZ	Membership Services, ERT leader
Steve Boylan	KE1KF	
Jim Clogher	N1ICN	Treasurer
Mike Coffey	KB1EZL	Field Day chair
Rick DeSisto	N1IWE	

Dick Doherty	KA1TUZ	Vice President
Mark Duff	KB1EKN	
Ed Hennessy	N1PBA	President
Paul Olivieri	N1ZKR	
Bob Salow	WA1IDA	Public Service

The meeting was called to order at approximately 1830

We will try (again) to run the Kenwood videos at the June general meeting. We will also have the election, Net Control 101, and Field Day planning.

We have set up a reciprocal agreement with the Waltham ARA to let them use .23 for their nets in case their machine goes down again (with priority to BARC nets and emergency traffic, of course). Likewise, we can use .64 if we are having trouble.

Field Day was discussed with a bit more planning.

We are getting a new ARES banner for the club.

We had 5 hams help out with the Natick/Dover road race (why no more help?). It worked out very well.

We will have Field Day fliers in the June SPARC. We also have them available to put in electronics stores.

The meeting was adjourned at approximately 1946

The Boston Amateur Radio Club holds its monthly Business meeting on the first Thursday of each month. The next one will be on Thursday, July 6 in the food court of the Cambridgeside Galleria Mall in Cambridge. We meet at 6:30pm in the lower level, down by the windows facing the lagoon.

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.

## Future Business Meeting Dates

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

3 August 2000  
7 September 2000  
5 October 2000  
2 November 2000  
7 December 2000

## Upgrades 'R' Us

Without going into details, which are covered elsewhere, the FCC restructuring is likely to result in license upgrades for some of us. If you are one of the lucky (clever?) ones, please keep our database up to date. *Regardless of whether you change call sign*, an upgrade is an upgrade. Please notify the Keeper of the Database, Bob Salow, WA1IDA.

## 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 long lost members who rejoin, so greet them, too.

Mark Richards      K1MGY  
Bob Wilson          KB1FCW              New Tech

In addition, we would like to note here any call sign changes you have made, and honor all members who upgrade. If you fit any of these categories, please promptly notify the Keeper of the Database, Bob Salow, W1HDA at 508.650.9440 or email: [walida@arrl.net](mailto:walida@arrl.net).

## 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 7pm on Monday, June 12 at the Pierce School at 50 School Street in Brookline, Room 110 next to the cafeteria.

There is a free parking garage at the circular driveway. If driving, enter School Street from the Washington street side (opposite 394 Washington,) rather than from Harvard Street. Check:

[http://www.barc.org/barc/school\\_map.gif](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 Green Line to the Brookline Village station. Walk north along Harvard Street 0.2 miles to School Street then turn left. The Pierce School is on the left. The #66 bus runs on Harvard Street, crossing School Street.

Talk in on 145.23(-), PL 88.5.

We give all exams (Novice thru Extra, CW and written), and 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 CSCE's you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- \$6.65 (good for all the tests you take at that session, except for retests). Novice exams are free. *Novice exams will not be given after this month's session.*

The needed FCC forms will be provided.

For further information, contact  
Bob Wondolowski N1KDA  
(508) 865 5822  
[wondobob@juno.com](mailto:wondobob@juno.com)

## Future Exam Dates

(Second Mondays at 7:00 pm)

10 July 2000  
14 August 2000  
11 September 2000  
9 October 2000 (Yom Kippur)  
13 November 2000  
11 December 2000

## I See the Future

10 Jun	Falmouth ARA Flea (E Falmouth)
11 Jun	BARC Breakfast
15 Jun	BARC General Meeting
18 Jun	MIT Flea
24-25 Jun	Field Day
15 July	NE Antique RC (Nashua NH)
16 July	MIT Flea
13 Aug	Mohawk ARC Flea (Orange)
20 Aug	MIT Flea
20 Aug	NoBARC Flea (Adams)
26-27 Aug	ARRL NE Div Conv (Boxboro)
9-10 Sept	WGBH Ice Cream FunFest
10 Sept	SEMARA Flea (S Dartmouth)
16 Sept	RI FMRS Flea (Forestdale RI)
17 Sept	MIT Flea
6-7 Oct	Hoss Traders Flea (Rochester NH)
15 Oct	MIT Flea
4 Nov	Interstate RC Flea (Londonderry NH)
5 Nov	Framingham ARA Flea
18 Nov	Waltham ARA/1200RC Auction (Newton)

(Rp) = Repeater may be used

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

## 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 145.23 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.

## Notes for Running the BARC Net

Mike Ardai N1IST

First, check that the repeater is free. If there is a QSO going on, and it is a few minutes into the net, break in and gently remind them that it is net time. Remember that we can't force them to leave; most will QSY to let the net go ahead. If it is a few minutes into the net and there is still no net control, jump in and pick up the net.

Make sure you have a pen and a sheet of paper. The important thing to copy down is the call; it's nice to get the name and QTH, but that will come easier later on.

For logging, make three columns on the page, one for name and callsign, one for checkmarks for those with traffic, and one for notes. Leave a blank line between entries for additional notes.

This net doesn't have any logging requirements; the logs are for your use when running the net. Other nets may require a specific log to be sent to the net manager. If you have email access and you would like to, format the logs like n1ist's regular ones and send them to barc-list.

A question was raised about what equipment you need to run the net. If you use a HT, don't move around during the net (the signal flutters) and make sure you have a spare battery handy if it dies. For a mobile rig, you will usually have a hand mike. I mounted the mike hook on my radio rack; the side of a shelf next to your table works well. Be careful with desk mikes; it is too easy to drop some papers or a book on the PTT switch and lock up the repeater for an hour or so. If you have a boom mike with a foot switch, that would be a good choice.

73,  
/mike

## FCC says ULS registration can protect license record

Registering now on the FCC's Universal Licensing System can benefit amateurs, even if they have no plans to file an application anytime soon. FCC staffer Steve Linn, N4CAK, says that ULS registration "protects your call sign within the system" and could prevent it from inadvertently being deleted or reissued due to a filing error.

Linn also pointed out that amateurs filing for a change of address should file an "administrative update" (AU) and not request a "modification." The ULS will not renew an amateur's license unless it is within the 90-day window of expiration or within the two-year grace period after expiration. The same applies for those upgrading under restructuring.

Linn said the FCC continues to work out the bugs in the ULS. He said that support for the Mac platform and other browsers, such as Internet Explorer, should be available soon.

The FCC in late April opened the ULS to Web filing. Linn advised filers to use the on-line system whenever possible, since it helps users to avoid errors that will not get trapped when filing on paper and could lead to delays or errors in your FCC record. Visit <http://www.fcc.gov/wtb/uls> for more information or to access the ULS.

ARRL Headquarters  
Newington CT  
May 26, 2000

## ARRL-VEC Picks Up Personnel, Processing Pace

The ARRL-VEC now has seven fulltime, three temporary, and eight just-added volunteer staff members chipping away at the mountain of applications resulting from the April 15 license restructuring. ARRL-VEC Manager Bart Jahnke, W9JJ, reports his staff now is wrapping up April 24 receipts from VE sessions. The ARRL-VEC received nearly 23,000 applications between April 15 and May 26.

ARRL-VEC staff was able to submit some 5000 applications to the FCC this week, up significantly from previous weeks. On May 25 alone, 1453 applications were filed with the FCC. Jahnke still estimates it will take approximately six weeks from exam session to the time the paperwork is filed electronically with the FCC, although some grants have been showing up sooner than that. The key is when the session paperwork arrived at ARRL-VEC. The FCC typically grants applications overnight.

Jahnke says there were approximately 4000 applications in the April 24 receipts alone that include sessions as long ago as March 25 and as recent as April 18. ARRL-VEC processes applications according to the date the package arrives in the mail. "We have

staff working over the weekend, and we will have staff working over the holiday weekend," he said.

Inquiries concerning the status of applications continue to impair the staff's ability to rapidly process the incoming stacks of applications. "You can't blame people for wanting to know what their status is, but when everyone wants to know, progress slows," Jahnke said. Another thing that slows progress is having to follow up on missing or incomplete information on the NCVEC Form 605 application from a test session.

Jahnke has estimated that the first 30 days of the restructuring surge--April 15 through May 15--will yield 17,200 new Generals and 13,100 new Extras. The ARRL-VEC is now posting the status of test session processing at

<http://www.arrl.org/arrlvec/status.html>.

The ARRL Letter  
Vol. 19, No. 21  
May 26, 2000

## Researcher Undertakes Study Of Radio Amateurs

National Cancer Institute researcher Kenneth Cantor has embarked on an epidemiological study of radio amateurs. Cantor wants to evaluate whether causes of death among amateurs differ from those of the general population. If it turns out that they do differ, he then wants to find out whether the individual's "usual occupation" might explain the differences.

Representatives of the ARRL RF Safety Committee met with Cantor at League Headquarters April 28 to discuss the project. On hand were Committee Chairman Greg Lapin, N9GL, Committee members Robert Gold, WB0KIZ, and Kai Siwiak, KE4PT, and David Sumner, K1ZZ, and Ed Hare, W1RFI, of the ARRL staff.

In addition to identifying ways that the League could assist in improving the study's accuracy, the meeting was aimed, in part, at educating committee members and League staff about the specifics of the proposed study.

Cantor described his investigation as an "inexpensive kind of quick study" that would not yield fine detail. As a result, he told the group, it would be "wrong" to ascribe the deaths to any particular factor.

The session presented an opportunity for Cantor to learn about influences amateurs tend to be exposed to in addition to RF energy. Cantor and the amateurs also were able to gain an appreciation for each other's points of view--Cantor on the public's sensitivity to the words used to explain the results of such an epidemiological study, and the amateurs on the significance of different types of epidemiological studies.

Some discussion at the session focused on a similar study done 15 years ago by Samuel Milham. Wording in that study's conclusions led many to believe that the Milham study had presented evidence that RF energy caused "an excess of leukemia."

Cantor emphasized that his investigation is a preliminary study, based on a statistical comparison of FCC licensing records and State of California death records. Additional death records might be included as needed. The initial "cohort group" for Cantor's study includes more than 100,000 men and women--seven times larger than the earlier Milham study.

"This type of study can be performed at minimal cost, but it has the potential for misleading results," said Lapin--himself a research

professional. Lapin explained that in the event of "apparent associations" in the results of Cantor's study, a follow-up study would be conducted. The followup would involve individual questionnaires and contact with the families of Silent Keys--something the Milham study did not attempt to do.

The ARRL Letter  
Vol. 19, No. 20  
May 19, 2000

## 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.

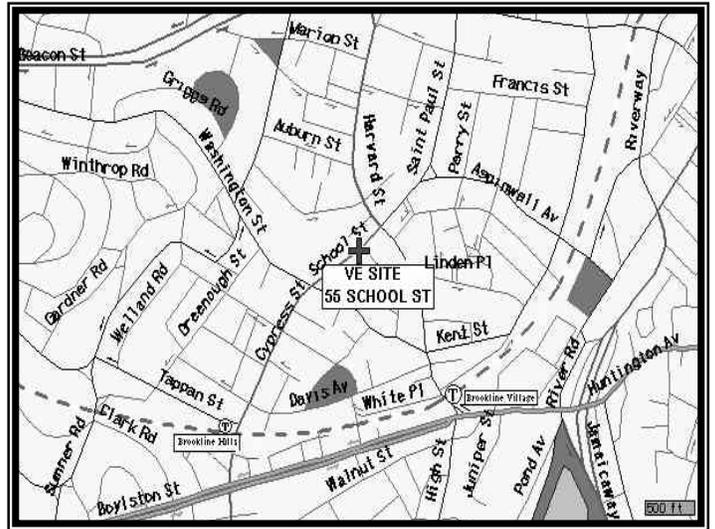
For additional information, contact Paul Carter at [n1tmf@pvetronics.com](mailto:n1tmf@pvetronics.com) or 617.232.6982; or Bob Salow at [walida@arrl.net](mailto:walida@arrl.net) or 508.650.9440.

## 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, NITMF.



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: Ed Hennessy, N1PBA;	781.391.8257; n1pba@qsl.net
Vice President: Dick Doherty; KA1TUZ	617.969.4880; ka1tuz@gis.net
Secretary: Mike Ar dai, N1IST;	617.738.8652; n1ist@netcom.com; N1IST@K1UGM
Treasurer: Jim Clogher, N1ICN,	617.364.4658; n1icn@gis.net
Vol Exams: Bob Wondolowski, N1KDA;	508.865.5822, wondobob@juno.com
Membership: Arthur Ashley, N1NHZ;	617.661.2988, n1nhz@arrl.net
Public Service: Bob Salow, WA1IDA;	508.650.9440; walida@arrl.net
Newsletter Editor: Paul Carter, N1TMF;	617.232.6982; n1tmf@pvctronics.com

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 5:30pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
daily 7 and 10pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
daily 8pm	Eastern Mass 2M Traffic Net (NTS)	145.23 (PL 88.5)
daily 8pm	Slow Speed CW Net	28.160
daily 10:30pm	Heavy Hitters' Traffic Net (NTS)	146.64
M 9pm	BARC Club Net	145.23 (PL 88.5)
Tu 8pm	MMRA Club Net	146.61 and all MMRA links
Tu 9pm	EMA Public Safety Net	145.23 (PL 88.5)
Tu 9pm	NETARC Satellite Net W1ME (ex K1MON)/NCS	446.575 (PL 88.5)
W 8pm	Wellesley Amateur Radio Society Net	147.03
W 9pm	HHTN Swap Net	146.64
Th 8:30pm	Amsat Net N1OHJ/NCS	146.64
F 9pm	SATERN Net	145.23 (PL 88.5)
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 3:30pm	Youth Net	3.970
Su 7pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Su 8:30pm	NSRA Net (with Newline)	145.47
Su 9:30pm	EMA Section ARES Net	146.61 and all MMRA links
(4 <sup>th</sup> Sun. of Month)		