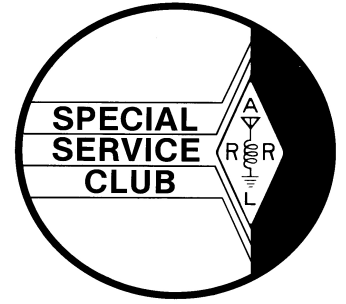




The SPARC

Volume XV, Number 10; October 2003
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org>
w1bos@arrl.net



The President's Word

Paul Olivieri, N1ZKR

Greetings everyone. In spite of a late arrival due to hurricane Isabel, everyone was pleased to have Ron Rateno W9WL from ICOM and Chuck from the Salem, NH HRO store at our September General Meeting. Thanks again to our new vice president Blake Haskell K1BTH for making the arrangements.

At the October Business meeting it was voted to explore a way for members to get the SPARC by e-mail instead of snail mail. This would save the club the cost of printing and postage, which is currently over two thousand dollars yearly. Other clubs have recently done this and if only half of our members are willing to do this it would still result in significant savings. There will be further discussion and more information will be provided as this idea is developed.

Do you subscribe to barc-list? If you do then you probably received a plea for donations to help keep the QTH mailing lists going. These mailing lists are run by Hams for Hams and any donations would help them. Further questions can go to: mailman-owner@mailman.qth.net.

As always, net control operators are needed for the Monday evening BARC NET. Get on the air and give the couple of regulars a break. Thanks

Third Annual Half Marathon

Bob Salow, WA1IDA

As a complement to the Boston Marathon, the BAA started a new event two years ago - a Half Marathon run almost entirely in Boston. 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 2003 Half Marathon will be held on Sunday, 12 October from early to late morning. The course runs from Clemente Park in the Fenway, along the 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.

This is a great opportunity to impress local authorities. Your help is needed. If you can volunteer, contact Bob Salow, WA1IDA, at 508.650.9440, or by email to walida@arrl.net.

Did You Get Ice Cream On Your Shirt?

Bob Salow, WA1IDA

On Saturday, 13 September, if you got ice cream on your shirt, you were probably doing a worthwhile public service. BARC assisted WGBH public television and radio at their annual Ice Cream FunFest. Bob, WA1IDA, recruited and coordinated the hams to monitor crowd safety, and parking strategy, and to keep the event staff informed.

For the BARC participation in Ham Radio Public Awareness Day (an ARRL sponsored national program), we had a booth to meet and greet the public among the 10,000 visitors. A number of those who stopped by were inactive hams we hope to revive. Seven hams did the job and, as an added bonus, had unlimited access to the eleven ice cream vendors. Here's who they were:

Hank	K1QK
Allan	K1VQ
Ed	KA1SAX
Bill	KA1MOM
Bill	KB1IUB
Paul	N1ZKR
Bob	WA1IDA

QTH Mailing Lists Need Your Help

Editor's note: barc-list is one of the QTH mailing lists. They are supporting club communications and deserve our support in return.

QTH mailing lists are funded by user contributions. We are CRITICALLY short of funding and request your support. It does not have to be a big donation; the average contribution is about 15 dollars. With the number of users we have it should only be necessary to donate every few years, BUT.... most of you are ignoring these requests. The same users keep the QTH lists alive and it's not proper to expect them to continue this forever. If you use these lists and they are important to you then help us, otherwise they will be gone in a few months.

QTH lists are for Hams and are operated by Hams, we strive to keep the lists private, spam free and a fun place to increase your

knowledge, meet new friends and play radio in general. Our hobby is being attacked from all directions at the moment and now more than ever we need your support to keep this venue open.

Please consider a donation today!

Through the PayPal service we can now accept donations in the following:

U.S. Dollars Canadian Dollars Euro's Pounds Sterling Yen

If you are not a PayPal user it is recommended you take a look at their services...Fast, Secure and Reliable....

If you can contribute, please do it today.

By Credit Card <http://proxy.qsl.net/donation>
PayPal <http://www.paypal.com> (account k3tkj@qsl.net)
BidPay <http://www.bidpay.com> (account k3tkj@qsl.net)

Donations by mail:
QSL.NET
34087 Old Hickory Road
Laurel, Delaware 19956

Here We Go Again

Bob Salow, WA1IDA

MediaOne, AT&T, and now Comcast. If your Internet Service Provider (ISP) has gone this route, you have been forced to change your email address. You should have followed the new Comcast instructions. Then, if you do not have an alias address which takes care of this, please notify Bob, WA1IDA, the BARC Keeper of the Database.

If you find you must now notify everyone who sends you email of your new address, consider using the alias service from ARRL or AMSAT, among others. This way, you have one constant address for your correspondents, and you need change only the one forwarding address with the alias service.

EarthLink Delays ARRL E-Mail Forwarding Service

-- ARRL Letter, September 26, 2003

Despite several discussions with EarthLink, the Internet Service Provider continues to delay messages sent via the ARRL E-Mail Forwarding Service (@arrl.net) to @earthlink.net e-mail addresses. As a result of EarthLink's actions, ARRL cannot guarantee timely delivery of messages forwarded via the ARRL E-Mail Forwarding Service to its members' EarthLink e-mail addresses. EarthLink contends that the @arrl.net domain is a spam source based on its internal standards and analysis.

While EarthLink appreciates the concept of a simple e-mail forwarding system like @arrl.net and concedes that the spam is not originating from the ARRL E-Mail Forwarding System, it

maintains its position that blocking all messages - including valid e-mail - from this domain is an effective tactic in its efforts to fight spam. EarthLink has told ARRL that it will continue to delay messages until the amount of spam being sent through this system is reduced to a level EarthLink deems acceptable.

ARRL advises affected members to consider changing the ISP to which their ARRL E-Mail Forwarding System e-mail is forwarded. ARRL members logged on to the ARRL Web site can make necessary changes through their Member Data page <http://www.arrl.org/members-only/memdata.html> (click on "Modify membership data"). Note that it may take up to 24 hours for changes in your e-mail address to take effect. Affected members also may consider contacting EarthLink abuse@abuse.earthlink.net or on their own. ARRL apologizes for any inconvenience and continues efforts to resolve this situation.

October General Meeting

This month's BARC General Meeting is on October 16 at 7 p.m. Mike Ardai, N1IST, will speak on connectors and give a demonstration of some useful techniques in working with the same.

The General meetings are held on the third Thursday of each month at the Salvation Army second floor auditorium, 147 Columbus Avenue, at the corner of Berkeley and Columbus. Our meetings are convenient to public transportation. Nearest T stations are Back Bay on the Orange line (exit the rear of the station) and Arlington on the Green line (use the Berkeley Street exit).

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 bus way and walk down Columbus) and Copley or Arlington on the Green line. A map appears on page 7 of the newsletter.

People arriving after 7:15 p.m. need to ring the bell at the door to be admitted, as the door is locked then.

BARC is Always Looking for Good Speakers

Blake Haskell, K1BTH

If you have a particular topic that you would like to see covered at one of the monthly meetings, please contact me at k1bth@arrl.net. I will make every attempt to secure a speaker who can share his knowledge and insight on a specific area of our hobby. I am trying to plan these presentations about two months out to give us room to find alternate speakers as the need arises.

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.

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

Simplex: 147.42

Future General Meeting Dates

(Third Thursdays at 7 p.m.)

20 November 2003
18 December 2003 (*Holiday Party*)
15 January 2004
19 February 2004
18 March 2004
15 April 2004

Minutes of the Boston Amateur Radio Club Business Meeting

October 2, 2003

Recorded by Mike Ardai, N1IST, Secretary

Present were:

Mike Ardai	N1IST	Secretary
Arthur Ashley	N1NHZ	
Hank Buccigross	K1QK	
Jim Clogher	N1ICN	Treasurer
Dick Doherty	KA1TUZ	
Mark Duff	KB1EKN	
Joseph Harris	KB1IXK	
Blake Haskell	K1BTH	Vice President
Ed Hennessy	N1PBA	
Dan Malloy	KA1RDZ	
Paul Olivieri	N1ZKR	President
Sam Pagan	KB1KEK	
Bob Salow	WA1IDA	Public Services

The meeting started at approximately 19:02 hrs.

Reports were received from the various committees regarding various ongoing concerns of the club, such as emergency response, repeaters and public service.

Due to scheduling conflicts, N1IST will speak in October about connectors

New BARC name badges are in! These are a new format, and new ones have been made for all BARC members. Please pick yours up at a meeting (Business, General, breakfast) or send a SASE to the club PO box. Badge clips will only be available at the meetings.

Due to holidays, the October VE (exam) session will be on 10/20.

BARC's tax-exempt forms have been renewed thanks to N1YER, KA1TUZ, and N1IST

The WGBH Ice Cream FunFest was a success, but we could have used a few more hams to help out at the PR table. The CW practice sets were sorely missed and we will make sure to have them again next year.

The BAA Half Marathon will be on 10/12. We still need help - contact Bob at walida@arrl.net to volunteer.

N1DHW was involved with a SATERN drill in CT. The new communications van was a big success.

A motion was passed to offer the option for members to receive the SPARC electronically in order to save the club money. A checkbox to this effect will be on the 2004 membership application form, and technical details still need to be worked out.

We will hold a meeting (time and place yet to be determined) to help determine what is BARC's strategy/focus, and how can we better serve the membership?

We will be operating a special event station on 12/6 for SKYWARN and the Blue Hills observatory - the home of the oldest continuous weather monitoring. Operations will be indoors and run roughly from 8 or 9 AM to 3 or 4 PM. Contact Mark, KB1EKN at emgmgt@comcast.net if you can help out.

As of November, we will be starting the business meeting at 1830 to give us a little more time for the meeting.

Speakers:

October: Mike Ardai N1IST talking about connectors, with demos

November: TBD

December: Holiday Dinner

The meeting adjourned at 20:45 hrs.

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, November 6th (1st Thursday of the month), 7 pm. We meet at the Parlin library in Everett. There is free parking across the street behind the post office. The 110 bus from Wellington stops across the street

Future Business Meeting Dates

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

6 November 2003
4 December 2003
8 January 2004 (subject to change)
5 February 2004
4 March 2004
1 April 2004

Orange Caps for Emergency and Public Service Events

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

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

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.

Dave Harris	KB1JGZ
Ron Rateno	W9WL
Ishmael Stefanov-Wagner	WA1VRB
Mike Yaffe	KB1KGU

Please welcome the new BARC members and congratulate the new upgrades. Make it a point to introduce yourself when you see them at a meeting. In addition, we would like to note here all call sign changes. If you fit any of these categories, please promptly notify the Keeper of the Database, Bob Salow, WA1IDA at: 508.650.9440 or email: walida@arrrl.net.

BARC VE Session – Changed Date

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, **October 20, 2003** 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

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 (Technician 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)
- **\$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 Ardai, N1IST 781.321.7939 n1ist@arrrl.net

Dick Doherty, KA1TUZ 617.969.4880 ka1tuz@arrrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

20 October 2003 (*note change*)

10 November 2003

8 December 2003

12 January 2004

9 February 2004

8 March 2004

12 April 2004

I See the Future

11 Oct	NE Antique RC (Nashua NH)
12 Oct	BARC Breakfast
12 Oct	BAA Half Marathon (Rp)
16 Oct	BARC General Meeting
19 Oct	MIT Flea
2 Nov	FARA Flea (Framingham)
6 Nov	BARC Business Meeting
7 Nov	HCRA Auction (Feeding Hills)
9 Nov	BARC Breakfast
15 Nov	WARA+1200 Auction (Newton)
20 Nov	BARC General Meeting

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

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

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which will be October 12 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 \$7.02 (including taxes) 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!

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.

For Sale or Trade: "73 Amateur Radio Today"

Every issue! The whole set from the beginning: Oct. 1960 to today, plus will make arrangements for the rest of the year (and more?). Tied in bundles for each year, all in excellent condition. A

40+ year treasure chest of technology, history, and sociology. Conversion, construction, theory, and more. Lots of ads for good ol' gear too. Asking \$600/BRO or trade for small, portable HF equipment (such as FT817, FT100, IC706, DX70TH, etc.)

Contact Eric, at k1nun@netscape.net or 508-358-4554.

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@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.

Hundreds Comment On Morse Petitions

ARRL Letter Vol. 22 No.39

Although the bell has sounded ending Round 1 of the comment period on the initial seven Morse code-related petitions for rulemaking, members of the Amateur Radio community continue to post their opinions. Some of the petitions called for altogether eliminating Element 1, the 5 WPM Morse test, from the Amateur Service rules (Part 97). The FCC recorded a total of nearly 2300 comments on the petitions, although the number of commenters is likely much smaller since many individuals commented on more than one petition. While some were content to express a brief comment pro or con, a few put forth recommendations that were

nearly petitions in themselves. The tenor of many comments reflected the fact that Morse code remains an emotional issue.

"The CW issue, as expected, is a very gut-wrenching issue for many hams," ARRL Great Lakes Director Jim Weaver, K8JE, observed recently. "Sometimes we mortals let issues to which we have emotional ties get out of perspective."

The ARRL did not comment on any of the seven initial petitions for rule making and has no plans to comment on any future such petitions. ARRL Chief Executive Officer David Sumner, K1ZZ, explained that there's no particular urgency to the issue and ample reason for the League to devote its attention to issues having more immediacy such as the Broadband over Power Line (BPL) threat.

"There have been numerous proposals submitted to the FCC with regard to amateur licensing qualifications and privileges," Sumner said. "No doubt there will be more. There is no need for the ARRL to react to each and every one."

The Petition for Rule Making filed by the National Conference of Volunteer Examiner Coordinators (NCVEC), designated RM-10787, attracted the most attention, logging more than 600 comments. The NCVEC reported the tally on its proposals was 56 percent in favor of dropping Element 1 and 43 percent opposed, with 1 percent of the comments either undecipherable or taking no position.

Other Morse-related petitions were filed by Peter M. Beauregard, KI1I, Pete V. Coppola, KG4QDZ, and family, Tina Coppola, KG4YUM, and Pete A. Coppola, KG4QDY, Kiernan K. Holliday, WA6BJH, Dale Reich, K8AD, Eric Ward, N0HHS, and No-Code International <<http://www.nocode.org>>.

The FCC has yet to put another five Morse code-related petitions for rulemaking on public notice and invite comments. Sumner predicted it would be "months, if not longer" before the FCC takes any action on any of the petitions. In the meantime, he said, "there is plenty of time for the ARRL to receive considered input from its members and either to formulate a reasoned proposal for change or a rationale for maintaining the status quo."

At its January 2001 meeting, the ARRL Board of Directors reaffirmed the League's position to retain the Morse code examination requirement for HF access. World Radiocommunication Conference 2003 (WRC-03) left it up to individual countries to decide whether or not they want a Morse requirement for HF privileges.

In the wake of WRC-03, the ARRL Executive Committee has been working on its own comprehensive Amateur Radio licensing proposal, of which the Morse requirement would be a part. Once completed, the proposal will go to the ARRL Board of Directors for consideration and possible action at its January 2004 meeting.

"There is simply no urgency to address it any sooner than that," Sumner said.

The most recent countries to summarily drop the Morse requirement are Ireland, Singapore and Luxembourg. Switzerland, Belgium, the UK, Germany, Norway, the Netherlands, Austria, New Zealand and Australia also have moved to drop their Morse requirements or are expected to do so this year.

Space Environment Center Funding Threatened

ARRL ARLP040 Propagation Bulletin by K7RA

Grim news emerged recently concerning the NOAA Space Environment Center in Colorado, where most of the data for these bulletins originates. I suspect due to some misunderstanding about their work, the Senate Appropriations Committee wants to eliminate the Space Environment Center's budget for fiscal year 2004, which officially began October 1. The Senate Appropriations Committee said in a report that NOAA's work should only be terrestrial and not extend to space, so it's proposing to cut all funding for the SEC. The House appropriations bill proposes cutting funding by 40 percent, even in the wake of severe cuts during the fiscal year just ended.

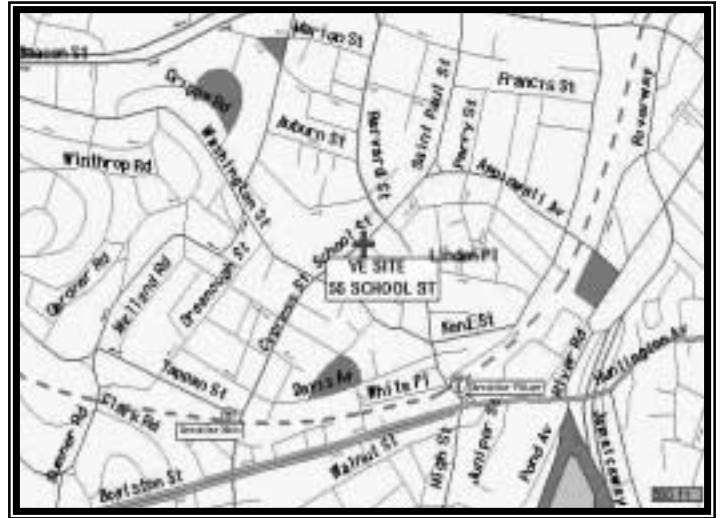
The funny thing about the Senate report is that all of the effects of solar flares and sunspots that concern us are here on Earth. Claiming that NOAA should ignore the sun because it is in space seems silly, since the same standard doesn't apply to NOAA's conventional weather forecasting. The SEC is a small part of NOAA, with an annual budget of just 8 million dollars.

There's a story on this subject on the ARRL Web site (see "Space Environment Center Funding in Jeopardy" <http://www.arrl.org/news/stories/2003/10/03/3/>). The Seattle Post-Intelligencer ran a story in its October 2 editions http://seattlepi.nwsourc.com/national/142217_space02.html, and there's an item on the September 20 SpaceWeather.com Web page, available in the archive for that date <http://spaceweather.com/archive.php>.

I've contacted my representatives in the Senate and House and found that, as expected, staff members really had no idea what the obscure sounding Space Environment Center does. The only hope is that when the House and Senate committees work out that portion of the budget, funding for the SEC will somehow be preserved. You might contact your representatives to inquire about this. Members of the Senate Appropriations Committee are listed on the committee's Web site <http://appropriations.senate.gov/>.



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
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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
Fr 9pm	SWAT Net and Net Control 101	145.23(PL 88.5)
Sat 11am	SATERN Northeast Regional Net	7.270
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 7pm	Youth Net	146.61 and all MMRA links
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 Newsline)	145.47
Su 8:00pm	EMA Section ARES Net (3 rd Sun. of Month)	146.61 and all MMRA links

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

Simplex: 147.42