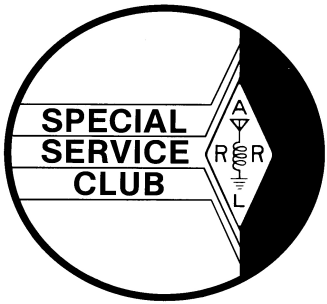




The SPARC

Volume XIII, Number 4; April 2001
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org/barc>
w1bos@arrl.net



A Message from the President

Mark Duff KB1EKN

I have just left the BARC breakfast in Watertown. I always enjoy attending this informal monthly gathering. Open to everyone, the breakfast is a great opportunity to relax and meet fellow hams in a low-key atmosphere. Some of us even bring our families!

This is a very busy time of year for BARC and its members. Many of us have already participated in the first public service event of the year, the M.S. Walk. Thank you to the members who were there. Several other events are coming up in the near future. Your assistance and help is always welcome and needed. Elections are coming up and we are always looking for new blood. There is always room for improvement and I encourage any member who has the time and energy to run for office. Mike Kass is the Chairman of the nominating committee. Please contact Mike if you would like a chance to be a member of the board.

Getting speakers for the general meetings continues to be a major chore. I need more help from the membership in contacting reliable and interesting speakers. A good topic draws in members and their friends building up a community of amateur radio fans. If we fail here, it places the whole organization in jeopardy. We must resolve the speaker issue if the club is to remain healthy. Please help me.

Mark Duff/KB1EKN

Walk For Multiple Sclerosis - A Good Job

Bob Salow WA1IDA

The day started cold and stayed cold. Hams are resilient, so on Sunday, 1 April, we dressed properly and met the occasion - as we have for many years. Hams were posted at all checkpoints, the hazardous and confusing locations, and with several sponsor staff members. Fortunately, there were no emergency calls. As in recent years, this event also served to provide the experience needed for some hams to participate in the Boston Marathon a few weeks later. The Walk Director, Adrienne Marani, praised our service extensively. Participating were:

- Mike N1IST
- Arthur N1NHZ
- Ed N1VSJ
- Leo KA1LN
- Mike KB1EZL

- George KB1GLH
- Rick N1IWE
- Eric KB1FHS
- Mark KB1EKN
- Eric K1NUN
- Bill KB1GLF
- Paul N1LRT
- Bob KB1FBA
- Bill KA1MOM
- Frank N1DHW
- Joseph KB1EIP
- Martha KB1FMT
- Bob WA1IDA
- Charlie KB1CSB
- Jim KB1FXD

Nominating Committee Formed Club Officers Needed

BARC will elect our club officers, President, Vice President, Secretary and Treasurer, at the June 2001 meeting. This year's nominations committee is Mike Kass N1YER. All nominations for all club officers can be given to him, either at meetings or via email, and members can nominate themselves.

Bring Ham Radio To 3000 Kids And Teachers

Bob Salow WA1IDA

Once again, BARC will present the service and hobby of ham radio to over 3000 junior and senior high school students. They and their teachers will attend the Aviation Expo on Tuesday, 24 April, filling a hangar at Logan International Airport. The Expo gives the students a chance to experience the choices and preparation for careers in aviation, communications and technology. It is sponsored by the Federal Aviation Administration (FAA), the Massachusetts Pre-Engineering Program (MassPEP) and MassPort.

BARC uses a double-size booth at which we demonstrate and explain several facets of ham radio. We have the opportunity to meet with the teachers and their students who range in age from 12 to 18. In past years we have found a significant interest in ham radio not only as a hobby, but as career preparation and as a teaching tool.

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Your help is needed to set up and staff this presentation. Our support runs from 0730 to 1230 on Tuesday, 24 April, and is followed by a lunch. Please contact Bob Salow, WA1IDA, at wa1ida@mediaone.net or 508.650.9440 if you can assist.

Marathon Odds and Ends

A repeater located on top of the Prudential building that will be used for the Marathon is now operating. It is at 449.025, standard offset, 88.5PL. People are encouraged to use it (except during the Marathon!) so as to test its operation and range.

The BARC Club net for Monday, April 16 will not be held. Of course, if people want to run an informal round-table at the usual time and place, they can. There will, however, be no assigned net control.

It's Time To Renew

The BARC membership year runs with the calendar year. That's why most of you will find a renewal membership form enclosed with this issue of *The SPARC*. We know it's a trying time of year (trying, that is, to convince the mathematically challenged that this is the real start of the millennium), but think of the Treasurer and his volunteer staff who need to keep the books up to date. You can help by renewing your membership promptly in the best

club around. The membership form has all the information you need to act quickly. Please fill it out completely and legibly. Make an effort to determine your full 9-digit ZIP Code – it can save us money.

To avoid consternation and embarrassment, we are trying to send the form only to those who have not renewed. If your renewal has been entered by the newsletter mailing date, you should not get another form. Please understand that there are delays in processing, so there may be an apparent error. You can use extra forms to sign up a new member.

ARRL Membership And Renewal

If your ARRL membership is coming up for renewal, please do so through BARC. Your ARRL membership dues remain the same, but the club gets a small income from your renewal. If you are joining the ARRL for the first time, sign up through BARC. In

either case, **make your check out to BARC** and give it and your ARRL membership form to the BARC Treasurer. He will handle the rest, and you will get all the benefits of being a member of ARRL, The National Organization for Amateur Radio.

ARRL Approves Dues Increase

Meeting in Irving, Texas, January 19 and 20, the ARRL Board of Directors voted to increase membership dues from \$34 to \$39 annually for full members younger than 65, and from \$28 to \$34 for full members 65 and older. The dues hike goes into effect July 1, 2001. The last ARRL dues increase was in July 1997.

ARRL Offers New Five-Year Membership Plan

Excerpted from *ARRL Letter*, 9 February 2001

With a membership dues increase going into effect 1 July 2001, the ARRL is offering a special five-year membership plan until then, so members can lock in at the current, lower dues rates. Effective immediately, current or prospective ARRL members in the US and US possessions can obtain a five-year renewal or membership for \$146 (\$122 for those 65 or older), a saving of \$24 (\$18 for those 65 or older) from the cost of year-to-year renewal at current rates.

This special five-year membership offer expires 30 June 2001, the last day the present dues schedule is in effect. After that, annual dues will increase to \$39 for individuals (\$34 for those 65 and older).

Another option is to apply for an ARRL Life Membership for \$850. Special discounts apply to senior and visually impaired applicants. A complete rate schedule and application form is available on ARRLWeb, <http://www.arrrl.org/join.html>.

CQ Field Day, CQ Field Day

Hello all, Mike KB1EZZ here, I have again "volunteered" to be the field day chair. KA1LN, Leo, has volunteered to be the assistant chair. Last year's Field Day went off quite well, considering that planning did not start until mid April. However, I want to start *much* earlier this year to allow much more input and participation by a large portion of the amateur community. At the risk of at some point annoying some folks on some of the nets, I did announcements on almost every net, locally, from April until field day in June. One or two comments were made (i.e. tone it down a bit.) It must have sounded a bit desperate!!!

This year I would like to get some of you to volunteer early to HELP organize FD. If you can only an hour or two a week on this it is not a problem. If you don't know yet if you can actually make it to FD, it is not a problem!! There would be great satisfaction in knowing that you assisted in a successful operation!!!!

For now, I would ask that you subscribe to the "barc-list". Last year we had quite a few informative discussions on the "barc-list"

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

Simplex: 147.42

about Field Day. Instructions for subscribing to the "barc-list" are on the club web site at: www.barc.org/barc, or you can join us on any of the club nets - Mon. 9 p.m. 145.35 (pl.88.5), Tues. 9 p.m. 145.23 (pl.88.5) Public Safety net, or the SWAT (SATERN, Weather, ARES and Tech. - sometimes satellite - net.) Catch me on the net and ask me to stay after the net.

KB1EZL, Mike

BARC's Newest Repeater, and Where to Find us on Simplex.

Michael Ardai, N1IST

Recently, John (WN9T - the licensee of the 145.23 BARC machine) has decided to make his 447.175 UHF repeater an official BARC repeater. This machine is located right next to the .23 repeater and has similar coverage (actually better in some areas.) The repeater has a negative offset and a PL of 110.9 Hz.

Please feel free to use this machine as you would use .23. In the future, we may link it with .23, at least for certain nets.

We have also decided to standardize on 147.42 as the BARC regular simplex frequency. In case of an emergency (or when trying to find people at a hamfest or show), you can expect to find BARC people here.

Intentional Interference: Pause And Think

by Mike Goldberg, K1LJN; Eastern Mass Section Official Observer Coordinator

Every now and then some poor person who has no real life shows up on a repeater and tries to gain recognition by doing "something" with no ID. It may be kerchunking, burping, sending CW, tone, or an unmodulated carrier - sometimes on top of someone else, etc., ad nauseam. These are things that tend to make some of us unhappy. Let's think about what should be our response.

We might:

- * Attempt to communicate by answering as if the signal we are hearing comes from a rational person
- * Make a response referring to whatever we heard
- * Make a response referring to whatever we heard as a clown, jerk, fool, etc., or even a misguided person

Responding in *any* way will give the originator that which they crave and require to justify their poor existence. This may be against what many of us feel, but that is due to our not having a mind set which needs to do such things to survive. These folks have so little a life that this is the only way they interface with other folks. If this were not true, the procedure below would not have worked time after time on many repeaters all over the world.

Please get into the habit of ignoring whatever is happening by not responding. Do not be quick on the trigger. (You might be keeping someone out who has a real problem.) Think about your response before you reply, even in a case where you have to act like you heard the other station(s) you are in QSO with. There is no need to acknowledge jammers whatsoever. Just ignore them and go on with your life no matter how much it would feel good to make some response. Making no response *is* a response. It will cause them to go away in frustration. Every time you take notice by referring to the incident in any way, you are doing two things:

1. You are encouraging them to do it more
2. You are as much in violation of the FCC Rules governing Amateur operation as are they.

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which is May 13 next 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!

April General Meeting

This month's BARC General meeting is on Thursday, April 19 at 7p.m., *not 7:30 p.m. as before.*

This month's speaker will be Mike Ardai, N1IST, who will speak on the National Traffic System (NTS.)

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.

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Details at

WWW.SOLDER-IT.COM

Simply send your QSL card for entry in our ongoing
QSLs On The Web Contest
Box 20100 Cleveland, OH 44120

Future General Meeting Dates

(Third Thursdays at 7 p.m.)

17 May 2001
21 June 2001
19 July 2001
16 August 2001
20 September 2001
18 October 2001

Minutes of the Boston Emergency Response Team Meeting

March 22, 2001
Rick DeSisto N1IWE

The BERT Meeting was held at the Cambridge Side Galleria Mall on 03/22/2001 at 6:30PM.

17 hams attended the first meeting of the Boston Emergency Response Team, 5 new member applications were accepted, and previous applications of current members in attendance were reviewed and updated.

Arthur Ashley - N1NHZ called the meeting to order and those in attendance gave the customary introduction. It was made known that copies of the BERT membership records are held by Arthur Ashley - (N1NHZ), Rick DeSisto (N1IWE) and Bob Salow (WA1IDA.)

The first topic on the agenda was on notification, how a served agency would contact us to request communications help and how we would notify members that help was needed. Notification was classified primarily into 2 types – short-term warning (no warning) and a long-term warning (advanced warning). For short-term warning events, 3 to 5 hams would be needed initially to start. One Ham would monitor radio and two would make or be in contact with the agency needing assistance. Coordination should be done on 2 repeaters (simplex if possible,) for example the 145.230 Boston repeater for recruiting/talk-in and the 146.640 Waltham repeater for tactical/operations. For long term warning events, all members should be in stand by mode and *monitor their radio* on 145.230 Boston, 146.640 Waltham or their local net.

The next topic on the agenda was training opportunity. The following three URL's were emailed to members:

<http://www.arrl.org/cce/>
<http://www.area-ham.org/tngdocs.html>
<http://www.fema.gov/emi/ishome.html>

Arthur continued on to say that beside the URL's some practical on the job training sources which came to his mind were: serving as a Net Control. Operator of a weekly net, such as the BARC Net which meets on Monday evenings at 9:00 PM), participating in public service events such as the MS Walk, Boston Marathon etc. (these events give you the feel for handling actual situations in the field), checking into and handling NTS formal traffic and last but not least every hams' fun time, Field Day at the end of June. Please contact Mike - KB1EZL or Leo - KA1LN for further information on Field Day.

Additional notes:

1. Key BERT personnel name and contact information should be listed monthly in the SPARC.
2. Consideration should be given into changing the group's name from BERT to something more appropriate; possibly retaining the word "Emergency" and adding the word "Communications."
3. Members and all hams should consider purchasing a copy of *Ares Field Manual* from the ARRL
4. All members and all hams should place family and personal needs first, before considering volunteering for any event. This is a *must*.
5. It's time again for another session of Net Control 101.
6. Skywarn is in the planning stage to hold training in the Boston area.
7. Check into the ARES net on the 4th Sunday of each month (please contact N1VUX for time and frequency.)
8. Another BERT meeting will be planned in 3 to 6 months.

The meeting was adjourned at about 9:00 PM

Boston Amateur Radio Club Business Meeting

5 April 2001

Recorded by Guy Bzibziak, KB1CRY, BARC Secretary

Present Were:

Mike Ardai, N1IST, Executive Committee
Guy Bzibziak, KB1CRY, Secretary
Paul Carter, N1TMF, Newsletter Editor
Bob Cassell, N1ENS, Executive Committee
Jim Clogher, N1ICN, Treasurer
Mike Coffey, KB1EZL
Rick DeSisto, N1IWE
Dick Doherty, KA1TUZ, Vice-President
Mike Kass, N1YER, Executive Committee

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Simplex: 147.42

Paul Katz, N1LRT
Dan Malloy, KA1RDX
Bill Ricker, N1VUX
Bob Salow, WA1IDA, Public Service
Charles Scrufutis, KB1CSB

The meeting was called to order at approximately 1840hrs.

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

There is still a great need for more volunteers to staff (and drive) the Salvation Army canteen truck. There are various days and hours available. People interested are encouraged to contact Dick Doherty, KA1TUZ.

The chairman of the Election Committee is Mike Kass, N1YER. Nominations for the club officers are presented at the May General Meeting, with the Elections being held at the June meeting. For further details, contact Mike Kass, N1YER.

It was announced that, due to the day-long events happening on 16 April with the Boston Marathon, there will be no formal BARC Net that evening.

The chairman for Field Day 2001 is Mike Coffey, KB1EZL. The vice chairman is Leo Burke, KA1LN. Contact either to volunteer. A volunteer meeting will be held soon. Also, Field Day pins are ready to be ordered. Contact Mike Coffey, KB1EZL, to place an order. Each pin costs \$5.00.

Bob Salow, WA1IDA, reported that the next scheduled public service event is the Boston Marathon, on 16 April 2001. The next two events in April after that are Aviation Expo on 24 April and the "Run of the Charles" on 29 April 2001. Contact Bob Salow, WA1IDA for further details.

Ideas, photos, and so forth are needed for the club's display board.

The meeting adjourned at 1931hrs.

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, May 3, 2001 (1st Thursday of the month), 6:30pm. Check the Web page and/or listen to the repeater for a new location to be announced. Failing that being arranged in time, we will meet at the food court of the Cambridgeside Galleria Mall, down by the windows facing the lagoon.

Future Business Meeting Dates

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

7 June 2001
5 July 2001
2 August 2001
6 September 2001
4 October 2001

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.

Marty Connor	KB1FBB	Upgrade to General
Donald DiPietro	KB1GCI	
Bill Dunn	N1KUG	
Rob Haddow	KB1FLD	
Mark Mercer	K1MCM	
Joe Scully	K1SQT	Upgrade to General
Fred Sevier	W1DKC	
Trudy Sevier	KB1FQA	
James Sullivan	AA1XS	Upgrade to Extra

From our Technician Class course:

George Coles	KB1GLG
Bill Foley	KB1GLF
Richard Gunn	KB1GLI
Richard Malone	KB1GLH
Jim Robbins	KB1GLJ
Ed Stuart	KB1GLK

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@mediaone.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, May 14, 2001 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 (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)
- **\$10.00** (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 \$10 fee. Code and written tests can be taken together at the same session for a single \$10 fee.

The needed FCC forms will be provided.

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

Future Exam Dates

(Second Mondays at 7:00 pm)

- 11 June 2001
- 9 July 2001
- 13 August 2001
- 10 September 2001
- 8 October 2001 (possible reschedule for holiday)

I See the Future

- | | |
|-----------|---|
| 15 Apr | MIT Flea |
| 16 Apr | Boston Marathon (Rp) |
| 19 Apr | BARC General Meeting |
| 24 Apr | Aviation Expo |
| 28 Apr | NE Antique RC Flea (Nashua NH) |
| 29 Apr | Run of the Charles Canoe Race (Rp) |
| 3 May | BARC Business Meeting |
| 4-5 May | Hoss Traders Flea (Hopkinton NH) |
| 13 May | BARC Breakfast |
| 14 May | BARC VE Session |
| 17 May | BARC General Meeting |
| 20 May | MIT Flea |
| 7 Jun | BARC Business Meeting |
| 9 Jun | Falmouth ARA Flea (Barnstable) |
| 17 Jun | MIT Flea |
| 23-24 Jun | Field Day |

(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 Runs Friday Night Nets

The Boston Amateur Radio Club runs special interest nets every Friday evening at 9p.m. on the 145.23 machine. The net will switch to a new format in October. Each Friday of the month, the net will be devoted to a specific activity/interest.

1st Friday - SATERN (Salvation Army Team Emergency Response Net);

2nd Friday - Weather Net;

3rd Friday - ARES net;

4th Friday - Tech Net;

5th Friday - All or some of the above.

All BARC members and other members of the Boston area Amateur Radio community are welcome to check in and participate.

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

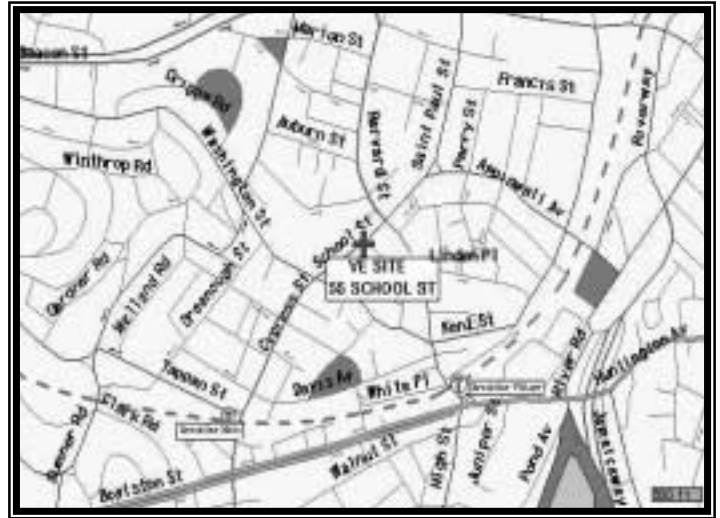
Originals of ads must be presented to the Editor in MS Word or .jpg format to print 1:1. Other composition will be at extra cost. We will be glad to quote other ad sizes and durations.

Members are urged to seek prospective advertisers who are appropriate to our readers.

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



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: Mark Duff, KB1EKN	781.749.7664; emgmt@mediaone.net
Vice President: Dick Doherty; KA1TUZ	617.969.4880; ka1tuz@gis.net
Secretary: Guy Bzibziak, KB1CRY;	781.321.1104; kb1cry@arrl.net
Treasurer: Jim Clogher, N1ICN,	617.364.4658; n1icn@rcn.com
Vol Exams: Mike Ardai;	, n1ist@arrl.net
Dick Doherty; KA1TUZ	617.969.4880; ka1tuz@gis.net
Membership: Arthur Ashley, N1NHZ;	617.661.2988, n1nhz@arrl.net
Public Service: Bob Salow, WA1IDA;	508.650.9440; wa1ida@mediaone.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 WIME (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	SWAT (SATERN, Weather, ARES &Tech) 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 Newsline)	145.47
Su 9:30pm	EMA Section ARES Net	146.61 and all MMRA links
(4 th Sun. of Month)		

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

Simplex: 147.42