

## The SPARC

Volume XIII, Number 5; May 2001 Newsletter of the Boston Amateur Radio Club http://www.barc.org/barc w1bos@arrl.net



## A Message from the President

Mark Duff KB1EKN

A heartfelt thanks you to all of those who participated in Boston Marathon 2001 and the Run of the Charles. A special thank you to those who worked the many hours before these events took place. Much time is spent beforehand planning, coordinating and setting up stations for this type of event and the work often goes unnoticed. In addition, I would like to recognize the many members of BARC who have included monetary donations to the club when they pay their dues. Although the club treasury remains healthy, when people go the extra yard it makes the amateur radio community a better place.

Turning to another planned event, we our now in the final stages for the ARRL's Field Day. An organizational meeting was held last month. I was quite impressed with the way things are going and the interest displayed by members. Mike Coffey/KB1EZL and Leo Burke/KA1LN are the event coordinators. Although they have worked out the set up for the weekend, they are always looking for helping hands. Field day last year was a great success and with all of you participating, I am sure that this year will be even better!

One last item of note, Bob Salow/W1IDA will be the featured speaker at the next General Meeting, May 17. His topic is Boston Marathon Communications. This is a perfect time to hear a detailed report while it is still fresh in everyone's mind.

Mark Duff/KB1EKN

## **Marathon Musings**

**Bob Salow WA1IDA** 

In case you missed it, the 105th running of the Boston Marathon passed you by on 16 April. Most of the 160 hams who volunteered said it was one of the best events they have participated in. It took major efforts from Ed, K1EP, Keith, N1HLK, Mike, N1IST and Bob, WA1IDA and others to make it happen. More importantly, the organizations we served, from the Boston Athletic Association on down, were very pleased and complimentary.

From 0500 to 1830, ten VHF and UHF repeaters were used much of the time. Hams at the Red Cross First Aid Stations called for 19 ambulances, and there were several calls for medical assistance from Water Stations. The weather pattern along the 26 miles was close to ideal for the runners. While it was a bit chilly for the

hams, the runners had fewer than average medical problems along the route.

Coming event: the 106th running of the Boston Marathon will be on 15 April 2002. The field will probably be about the same size as this year. If you have not worked the Boston Marathon in 2000 or 2001, it's not too early to get on the mailing list for the 2002 information. Participation requires minimal experience with ham public service or emergency events. If you don't yet have that experience, be sure to volunteer for one of the many other public service events coming up.

Hams from all New England states and New York volunteered for this premier public service event. Your help will be needed next year. Contact Bob Salow, WA1IDA, by phone at 508.650.9440 or email at walida@arrl.net. Provide your name, call sign, mailing address, home phone, and email address. If you contact him early, and anything changes, be sure to get the change to him. Late in 2001 you will receive the registration and other information. Briefing sessions will be held in the weeks before the 2002 Boston Marathon.

## Success at the Aviation Expo

Bob Salow WA1IDA

For the seventh year, BARC has supported the Aviation Expo at Logan Airport with resounding success. This event on Tuesday, 24 April 2001 was an introduction to careers in aviation and technical fields for school children from junior and senior high schools. The Federal Aviation Administration (FAA) sponsors it.

Over 3000 students were bussed in two shifts to a donated United Airlines hangar at Logan. Many took an interest in our ham radio displays and the literature we had available. Perhaps more significant, there were 40 teachers who expressed an interest, not only in ham radio, but also in using it as a teaching tool. Their names will be referred to ARRL HQ for educational support. The names will also be sent to the appropriate ARRL Section Managers for local contact.

The hams participating were:

Arthur	N1NHZ
Bert	N1MXO
Mike	K1LJN
Frank	N1DHW
Bob	WA1IDA
Ralph	N1KOI

Repeaters: 145.23 (-) PL 88.5 447.175 (-) PL 110.9 Simplex: 147.42

## 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.

## **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.arrl.org/join.html.

## CQ Field Day, CQ Field Day

Hello all, Mike KB1EZL 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,

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

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" 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

## **SKYWARN Training**

Bill Ricker N1VUX

The next EMA Skywarn training course will be at the Braintree Town Hall, 1 JFK Drive Braintree, MA on May 24, 2001 Thursday, 7 PM to 10 PM.

#### http://www.nws.noaa.gov/er/box/training.html

This looks to be fairly MBTA accessible – either change for bus #230 (Quincy Center to Randolph via Braintree Station) or hike up the hill a bit from the end of the Red Line.

#### **Security Warning**

Mike Ardai N1IST

You wouldn't put a big sign in your window saying EXPENSIVE STUFF INSIDE AND NOBODY WILL BE HOME FOR A WEEK, would you? Of course not. However, that's exactly what you are doing when you announce on the repeater that you (or someone else) are away on vacation. Keep in mind that hams aren't the only ones who listen to the repeater. A few years ago (not here in MA) they caught a thief who had a scanner and callbook in his car and was breaking in to places after hearing when the owner would be away.

So please don't say that you will be on vacation next week, or that so-and-so is out of town until next Thursday. The regulars will all know it, and you can fill us in when you get back.

Simplex: 147.42

# 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.

## **BARC Monthly Breakfast**

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

#### **May General Meeting**

This month's BARC General meeting is on Thursday, May 17 at 7p.m.

This month's speaker will be Bob Salow WA1IDA, who will speak on communications at the Boston Marathon.

Maybe you participated in the Boston Marathon, and maybe you didn't. But from wherever you stood, you probably couldn't get the whole picture of this complex activity. For something that takes over 250 hams to produce, there must be a lot that goes on long before and during the event.

Get the word from Bob Salow, WA1IDA, the Coordinator of the Course Communications for the Boston Marathon. Bob has

participated in the Marathon for over 20 years, and has built a load of experience, skill and insight.

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 p.m.)

21 June 2001

19 July 2001

16 August 2001

20 September 2001

18 October 2001

15 November 2001

## **Boston Amateur Radio Club Business Meeting**

3 May 2001.

Recorded by Guy Bzibziak, KB1CRY, BARC Secretary

Present Were:

Mike Ardai, N1IST

Arthur Ashley, N1NHZ, Membership Services, ERT Leader

Henry Buccigross, KB1GRQ

Guy Bzibziak, KB1CRY, Secretary

Jim Clogher, N1ICN, Treasurer

Mike Coffey, KB1EZL

Rick DeSisto, N1IWE

Dick Doherty, KA1TUZ, Vice-President

Mark Duff, KB1EKN, President

Ed Hennessy, N1PBA

Dan Malloy, KA1RDZ

Frank Murphy, N1DHW

Bob Salow, WA1IDA, Public Service

Ali Talebinjad, AA1XB

The meeting was called to order at approximately 1835hrs.

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

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

Jamboree on the Air (JOTA) is being held 20 & 21 October this year. BARC will be participating at Camp Massasoit in Plymouth.

Simplex: 147.42

Volunteers are needed. People interested in participating are encouraged to contact Frank Murphy, N1DHW.

Field Day was discussed, and funds budgeted. It was unanimously voted to budget up to \$700.00 for Field Day expenses. KB1EZL is doing a great job with the planning, but needs more volunteers to help organize stations. Contact Mike Coffey, KB1EZL or Leo Burke, KA1LN to volunteer. With your help (and participation) this can be a memorable - and great - Field Day!

We need more hams to be Net Control Stations for the BARC Net on Mondays at 2100hrs! Hams interested please contact Mike Ardai, N1IST.

Speakers for future meetings are needed! If you have a topic you wish to see presented at a future meeting, or that you wish to present, please contact Dick Doherty, KA1TUZ.

The meeting adjourned at 2047hrs.

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, June 7, 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.)

- 5 July 2001
- 2 August 2001
- 6 September 2001
- 4 October 2001
- 1 November 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.

Hank Buccigross KB1GRQ
Ted Colgate KB1FET
Scott Enos N0DBI
Mike Freeman WB1GVB
Jerry Haslett W1JWH
Gary Walsh N1TZZ

Please welcome the new BARC members and congratulate the new upgrades. Make it a point to introduce yourself when you see

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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.

#### Who Are We?

Mike Ardai N1IST

On April 10, 2001 BARC has 142 members.

Six members are not licensed, two are Novice Class, 11 are Technician class, 41 are Technician Plus Class, 26 are General Class, 11 are Advanced Class and 45 are Extra Class.

95 members are ARRL members, 10 members are ARRL Life members and 37 members are not ARRL members.

134 members live in Massachusetts, 8 live elsewhere.

120 members are on e-mail and 17 are on packet.

## **New CW Testing System at VE Exams**

The National Conference of Volunteer Examiner Coordinators voted to set up revised standards for the administration of Morse code examinations in the US. The move at the NCVEC's July 21, 2000 meeting in Gettysburg, Pennsylvania, came in the wake of the FCC's December 30, 1999, action to establish 5 WPM as the sole Amateur Radio Morse code requirement.

Under the NCVEC revised standards, examinees would have to show 25 character-count solid copy on their test sheets or successfully answer seven out of 10 questions of a fill-in-the-blank quiz on the sent text. Multiple-choice 10-question exams for Morse code are no longer permitted beginning July 1, 2001.

Morse examinations will specify use of the Farnsworth method of code generation as the default, where characters are sent faster than the overall speed and additional spaces added between characters, words and sentences. The Farnsworth "character speed" as a default must be within the range of 13 to 15 WPM. Standard 5 WPM tests with 5 WPM characters could be administered as a special accommodation (as the exception rather than the standard).

The revised standards also call for a Morse code exam audio pitch within the 700 to 1000 Hz range. The new Morse testing standards are to be in effect by next July 1, 2001.

The next Boston ARC VE session will be May 14 at the Pierce School in Brookline. See the BARC web page (http://www.barc.org) or the article below for directions. We will have another session on June 11. Both will use the current multiple-choice format.

Our exams already meet the speed and frequency as specified, but we will have to change from multiple-choice to fill-in-the-blanks starting with our July session.

73, /mike n1ist@arrl.net BARC VE Team liaison

## **Hunting all VEs**

Mike Ardai N1IST

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

#### **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 (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)
- \$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.

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For further information, contact Mike Ardai, N1IST 781.321.7939 nlist@arrl.net

or

Dick Doherty, KA1TUZ 617.969.4880 ka1tuz@arrl.net

#### **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)

12 November 2001 (possible reschedule for holiday)

#### I See the Future

13 May	BARC Breakfast
14 May	BARC VE Session
17 May	BARC General Meeting

20 May MIT Flea

1 Jun HCRA Flea (Feeding Hills)7 Jun BARC Business Meeting

9 Jun Falmouth ARA Flea (Barnstable)

11 Jun BARC VE Exams

17 Jun MIT Flea

21 Jun BARC General Meeting

23-24 Jun Field Day 15 Jul MIT Flea

28 Jul NE Antique RC (Nashua NH) 28 Jul FRARC Flea (Swansea)

19 Aug MIT Flea

5-6 Oct Hoss Traders Flea (Contoocook NH)

 $(\mathbf{Rp}) = BARC \text{ repeater}(s) \text{ may be used}$ 

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 NCS stations needed**

Mike Ardai N1IST

We are constantly looking for people to help run the BARC Net each Monday night. This is a great way to get your feet wet in running a net and a nice way to help out the club. If you can help, please let me know when I ask for volunteers during the net or drop me an email at n1ist@arrl.net.

Simplex: 147.42

Special thanks to KB1EZL, N1NHZ, N1GIE, and all the other regulars who help out by running the nets.

If it is a few minutes after 9 PM and nobody is running the net, please jump in and pick it up. The preamble is in the SPARC and on the BARC web page. If you don't have it with you, just wing it.

## **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.

## **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.

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#### **Red Cross Net on the Air**

A Red Cross net covering Southern New England and Eastern New York meets on the first Wednesday of each month at 2000 (local) on 3.915 MHz, plus or minus 5 kHz. The net call sign is K1ARC, and is open to all Amateur Radio operators who are interested in HF emergency communications.

The purpose of this Red Cross Emergency Training Net is to discuss emergency communication topics and to act as a liaison net between Red Cross Chapters and volunteers. Plus, K1ARC is also a hurricane net so look for K1ARC to be on the air whenever Hurricane Warnings are posted for the region.

Also, please visit the American Red Cross K1ARC web page at: www.qsl.net/k1arc/. All interested persons invited to join the K1ARC Red Cross email reflector by sending an email to: k1arc red cross net-subscribe@vahoogroups.com

## 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) \$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.

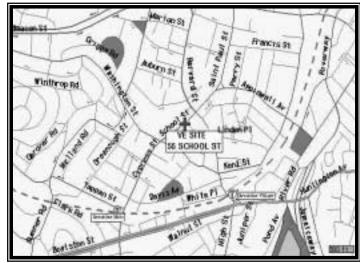
Members are urged to seek prospective advertisers who are appropriate to our readers.

For additional information, contact Paul Carter at n1tmf@pvctronics.com or 617.232.6982; or Bob Salow at wa1ida@mediaone.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.





General Meeting – Boston Salvation Army Corner of Berkeley St. and Columbus Ave.

Newsletter Editor: Paul Carter, N1TMF;

daily 5:30pm

VE Session – Pierce School 50 School Street, Brookline, Room 110 next to the cafeteria

Simplex: 147.42

#### **BARC Officers and Staff**

President: Mark Duff, KB1EKN 781.749.7664; emgmgt@mediaone.net Vice President: Dick Doherty; KA1TUZ 617.969.4880; ka1tuz@arrl.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; 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@mediaone.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.

617 232 6982; n1tmf@pvctronics.com

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 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 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)

Eastern Mass/Rhode Island Phone Net (NTS)

 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<sup>th</sup> Sun. of Month)

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