



The SPARC

Amateur Radio - Communicating Worldwide for A Century
Newsletter of the Boston Amateur Radio Club
Serving Hams in the Greater Boston Area
June 2012 - VOLUME 24, NUMBER 6
www.barc.org - w1bos@arrl.net



Message from the President - Linda M. Blair, NA1I

Closing Out The Year!

It's June. That means Summer. For BARC that also means: Field Day and elections

Regarding Summer, whatever you do, whether it's a cookout, working on an antenna, or any other activity, practice the best safety habits. I dealt with this subject in my article in last month's The SPARC and I mention it again because it is so very important.

Field Day is our Club's premier event of the year. I will not say much about it here because there are some other articles in this issue about Field Day and I refer you to them. What I will say though is that Field Day for us is more a fun event than anything else, though the contesting aspect is becoming more popular each year.

But I think that still comes under the category of fun. The other thing I will say is that Field Day is a lot of work. As with any event, the more people that are there to do the work the faster and easier it will go. Helping with the setup and teardown not only makes the job go faster and easier, but there's a good chance that while doing so you will learn something new that you can use in other places and maybe make a new friend or two.

After helping with the setup you can operate for a while and have the pleasure of knowing that the contacts you make are made on a system you helped setup. At Field Day's close, after you have helped with the teardown, you can sit back and take great pride and satisfaction in what you have assisted in making happen. You will have been an active participant in this premier event of the year.

Turning to the elections to be held at our June General Meeting, be sure you are eligible to vote. For information on voter and candidate for office eligibility I refer you to my April President's Letter or the BARC By Laws. Nominations will be accepted up to the time of the actual balloting for each office. If you want to run for office and have not talked to the Nominating Committee, come to the meeting and nominate yourself or anyone else (of course, with their permission). The more candidates we have for the four offices, the more democratic the election will be.

As for myself, my term as President will come to an end after the votes are cast. I am not running for re-election as President because I have other things going on in my life that require my attention and there is a limit to what I can and should do. Being President requires time and energy that I simply do not have at this point in my life. But that does not mean I am withdrawing from the Club. I will remain an active member and am willing to help out whenever and wherever I can.

Having said that, I want to thank those who have been so helpful and supportive during the past year. First I want to thank our immediate Past President Tom, KB1P, for passing to me an organization in good working order and for being available by phone if and when I needed his advice on a matter. Another former President, Hank, K1QK, has also been of enormous help with advice and as a reference point off whom I could bounce ideas and plans. Hank also has been and is our stalwart anchor for the Club's VE Program. The same is to be said of Mike, N1IST, who, besides being one with whom I could discuss ideas and solicit advice, also is to be commended for his stewardship of the BARC website and for his operation of the BARC table at the MIT Flea.

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Thanks also go to Mark, KB1EKN, another former President, and Geri, KB1ISG for their usual excellence in the production of Field Day. Additionally, Mark has done his usual fine work in handling all things related to the Club's participation in SKYWARN Recognition Day.

A great deal of appreciation goes to Jim, KB1JKJ, our outgoing Vice President, Secretary, Editor of The SPARC, and a few other jobs well done. Also significant appreciation goes to Joe, W1JJF, who hosts our Club's Monday night net. His dedication and professionalism is peerless. To all who have served as committee chairs as VE's, and on the Executive Committee, I also express my thanks. But most of all, I thank and appreciate the BARC membership as a whole for your support during the past year, for without that support, doing my job would have been much, much more difficult.

By any measure the year has been interesting and productive. That has only happened because of your support. But as of the close of elections, I will fade into the background, at least for a while. But I will always remember your support and your friendship that you have extended to me during this past year.

THANK YOU BARC!

Help Needed for BAA 10K Race

The next BAA racing event is the Boston 10K race on **Sunday, 24 June 2012**. The course of this international race starts at 0800 on Charles St near the Boston Common and follows Commonwealth Ave and Bay State Rd to a turnaround at Babcock St. The return course is almost the same. The race is expected to attract around 5,000 runners of all abilities. The event should be complete by 1030. Ham support for this event involves communications for runner safety and support for the medical and water stations. Ham assignments are scheduled to begin at around 0700.

Several world class runners have already registered, including the holder of the world's fastest marathon time, Geoffrey Mutai, winner of the 2011 Boston Marathon. This race will be exciting to watch.

Yes, this is the Sunday of Field Day, but if you do not participate in Field Day or another ham event, please consider supporting this race. If you can help, please contact Bob Salow, WA1IDA, by email at wa1ida@arrl.net, or by phone at 508.650.9440. We need your help for this important community service.

Mobile Apps for Mobile Ops -- ARRL Contest Update, 9 May 2012

With the number of mobile devices increasing every day, it's surprising that there aren't more "mobile apps for mobile ops!" Nick, N3WG, has created tools and software as Pignology, <www.pignology.net>. Check out his collection of ham apps and growing set of interfaces to some popular portable radios. Using his new Pigtail kit and an iPad, a video shows him using the CW Terminal sending CW on a KX3 rig using a Bluetooth keyboard and logging contacts on his Ham Logger app.

NOAA/NWS Radio Frequencies

On this anniversary of the Joplin tornado, it is a good idea to have the seven NOAA/NWS weather station frequencies programmed into handheld VHF radio memories.

162.400, 162.425, 162.450, 162.475, 162.500, 162.525, 162.550 MHz

Program them into the top (high end) memories so that the WX channels are easily accessed from the local repeater memory positions. This can be very handy when the clouds roll in.

For Best Results, Your Tower Must Be Taller than This

Check this tower. You can have one in your back yard.

http://news.cnet.com/8301-17938_105-57388126-1/japan-builds-tokyo-sky-tree-worlds-tallest-tower/.

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Minutes of the BARC Business Meeting: June 7, 2012 --Recorded by: Jim Bradley, KB1JKJ

Present were:

Linda Blair, NA1I, President	Hank Buccigross K1QK, Executive Cmte
Jim Clogher, N1ICN, Treasurer	Geri Duff, KB1ISG, Executive Cmte
James Bradley, KB1JKJ, Vice President/Secretary	Bob Salow WA1IDA
Mark Duff, KB1EKN	Joe Flaherty, W1JJF
Nathaniel Vishner, KB1QHX	

The meeting was brought to order by the President at 19:04.

President's Business: Linda NA1I, appointed Austin, KB1CCJ, and Angie Covey, KB1SVN, as co-chairs of Membership Services.

Treasurer's Report: Jim, N1ICN, reported that the bank balance was \$ 2,554.97 as of June 7.

Secretary's Report: Jim, KB1JKJ, stated that there was nothing to report since the last Business meeting.

Membership Services Report: Austin and Angie were not in attendance so there was no report

Repeater Report:

Joe W1JJF, reported that 145.230 is working fine and that the Monday Night Net has not noticed any problems.

Re the 443.550 repeater, Linda, reported that there has been no change. This repeater is still off the air and needs to be removed from its current location and the old repeater put in its place, to ensure that we don't lose the installation space. Mark, KB1EKN, will have his radio technician tune the removed repeater. Once it has been tuned and tested the club will decide if we should reinstall it or use it as a portable repeater, or possibly replace it with a different band repeater.

Public Service:

Bob, WA1IDA, asked if BARC would support the "Finish at the Fifty" 5K and 10K races on July 3, at Gillette Stadium in Foxboro. This request was approved

Jim, KB1JKJ, reported that the Brain Tumor ride was a success and overall communications went very well and that the Brain Tumor organization thanks us for our service.

Old Business:

Disposition of donated equipment: The Club received a donation of two old tube-type receivers and an Alpha 374 amp. One of the receivers was given out as a door prize at the February General Meeting. The other receiver was sold for \$30.00 at the MIT Flea Market. The disposition of the amp will be determined but the Club will likely retain it for its own use.

Echolink – We still need a permanent home for the Echolink setup

We need VEs. - If you are a VE or if you can qualify as a VE, please see Hank, K1QK, Jim, N1ICN, or Linda, NA1I.

Field Day Planning – Mark, KB1EKN, reported that we have purchased the five band filters to be used on the antennas during Field Day and SKYWARN Recognition Day. The plan is to put up antennas on Thursday June 21.

2012 General Meeting plans:

June – Elections

Nominating Committee reported that we have no candidates for the positions of President or Vice President. Nominated, we have Jim, N1ICN, for Treasurer and Joe, N1QD, for Secretary.

New Business:

Repeaters: 145.230 (-) CTCSS 88.5

Simplex: 147.420

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A motion was made by Mark, KB1EKN, and Tom, KB1P, to create a new Public Service award to honor Arthur Ashley (SK). A plaque bearing the name "Arthur Ashley Memorial Public Service Award" will be awarded every two years. This motion passed unanimously.

Hank, K1QK, opened a conversation on where the club was going. Should we change the way we run VE testing? We also explored how to get more members to join BARC and come to the meetings. Nothing was decided and the issue was tabled to another meeting.

The meeting adjourned at 2120.

Hurricane Season Is Here – Prepare Now -- Edited extract from National Weather Service

The Atlantic hurricane season runs from 1 June through 30 November. In an average season, based on data from 1981 to 2010, 12 named tropical cyclones should be expected with six of these reaching hurricane intensity, and three of these hurricanes becoming major hurricanes.

As the 2012 season begins, now is an excellent time to begin your own preparations. Your NWS would like to suggest these helpful measures. Taking a few moments now will save much needed time should a tropical storm or hurricane take aim at southern New England later this season.

Coastal residents

- Never plan your actions on the anticipated time of landfall. Typically in southern New England, heavy rains and winds to tropical storm force will make any travel or outdoor preparation work dangerous as much as 15 hours in advance of the eye of the storm. Remember that most tropical systems approaching our region will accelerate dramatically. This will greatly reduce the time you have to prepare. Build extra time into your plan of action.
- Never step outside during the passage of the eye. The often calm conditions will be rapidly replaced by a dramatic shift in wind direction and a return to stronger winds.
- Know your evacuation routes and the proper shelters for your area. Check with your local town hall to see if you are in an evacuation zone.
- Most shelters will not allow pets. Make arrangements ahead of time for a place for your pets to stay. Some animal hospitals offer to keep pets until you are able to return home.
- Know where your gas and water shutoffs are. It is essential that you turn off both your gas and water before you leave your home.
- If you choose not to head to a shelter, make arrangements now with relatives or friends if you wish to stay with them should you need to evacuate.

Inland residents

- Be sure to have plenty of batteries on hand for flashlights, AM/FM radios, and your NOAA All-Hazards Weather Radio. More often than not, power will be disrupted during the storm and may be disrupted for several days.
- Be sure to have canned food and other items on hand that do not need refrigeration. As stated above, it is almost a certainty that electrical and telephone systems will be disrupted if a hurricane strikes our region.
- If you own a portable generator, be sure it is properly hooked into the power mains. If it is not properly installed, it may do damage to the mains or workers trying to restore power to your neighborhood.
- Store plywood and plenty of nails so that you can quickly board up windows on open-facing sides of your home. Do not tape windows - it will not help.
- Those living along flood-prone rivers and streams should be ready to head to higher ground should flooding occur.
- In case of the unlikely event that you must evacuate, know where your nearest storm shelter is located and the quickest route to it.

Following these simple steps will help make what can be a very stressful and difficult time go a bit more smoothly.

Repeaters: 145.230 (-) CTCSS 88.5

Simplex: 147.420

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A Special Opportunity for Ham Public Service

We get a lot of requests at this time of year, but this is like no other. We have been asked to support 5K and 10K races **inside and outside Gillette Stadium in Foxboro**. This is part of a big pre-Independence Day celebration to which the public is invited. The date is **Tuesday, 3 July**, starting (for us) about 1700.

Obviously, time is short and ham recruiting is problematic. Your assistance is absolutely needed. Please respond ASAP. A hand-held dual band radio with a good antenna and charged batteries should do the job.

Our support will be for both concurrent races starting just outside the stadium. The 5K goes around the property and up and down the various stadium ramps. The 10K course goes in to downtown Foxboro. Both race courses finish at the 50 yard line on the field.

The stadium ramps and the streets can be hazardous so our observations and reporting are important. There will be medical monitors and water stations along the courses. Note that the start late in the day will help lower the temperature for the runners.

As the sky gets darker there will be a spectacular fireworks display which can be seen from the Patriot Place areas. Free parking will be provided for hams and other volunteers.

Because of the complexities of the two courses, we have been asked to staff many positions. If you can encourage other hams to volunteer, we can show this new venue our skills and help protect the runners.

Let's make a good showing for this very special event. I will provide specific assignments and further details as we get closer to the date. Let me know if you can help on **Tuesday, 3 July** as soon as you can. Ask other hams to also send me an email. Don't hesitate to contact me if you have any questions.

All volunteers must send me the following info:

- Full name
- Name on the air
- Call sign
- Email address
- Postal address
- Home phone
- Cell phone
- Dual band radio?
- Shirt size

Thanks and 73,
Bob Salow, WA1IDA
wa1ida@arrl.net
508.650.9440

BARC Growth

It's a rare month when we fail to add or upgrade a few 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.

Ron DiBella	N1WIN
Dan Sullivan	KB1WZY

Please welcome new BARC members and congratulate the new upgrades. Make it a point to introduce yourself when you see them at a meeting. In addition, we would like to note here all call sign changes. If you fit any of these categories, please promptly notify the Keeper of the Database, Bob Salow, WA1IDA, at: 508.650.9440 or email: <wa1ida@arrl.net>.

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Elections Make the Club – Be There to Make It Happen

As directed in our bylaws, the election of officers will take place at our June General meeting. On track to that, President, Linda, NA1I, appointed a Nominating Committee at the April General meeting. The members of this committee are: Hank Buccigross, K1QK, Chair; and Joe Harris, N1QD. The committee will propose a slate for initial nomination of the four officers. This recommendation does not limit any further nominations from the floor. In fact, a competition for the offices is best so that each nominee would present qualifications and proposals to the members.

Nominations remain open until balloting for each office by members at the June meeting.

Boxboro Is the Place to Be

August 24, 25, and 26 is the 2012 ARRL New England Convention in Boxboro! There is so much to do at the convention, starting with the DX Dinner on Friday night which features Don Greenbaum, N1DG, telling about the VP8ORK South Orkney Island DXpedition. Saturday night is the Grand Banquet featuring Fox 61 Meteorologist Geoff Foxx, K1GF.

Our forums and talk schedule are second to none. VE exams and DXCC card checking are available, and, of course, there's the outdoor flea market and indoor exhibit area with all the major manufacturers and many others. Don't forget the Wouff Hong ceremony at midnight on Saturday.

There are hourly prizes, and some big prizes at the end. Visit www.boxboro.org to purchase tickets in advance.

Volunteer Examiners Needed - Hank, K1QK

BARC is in need of more Volunteer Examiners (VEs) for our exam sessions. In some cases we have only the required 3 VEs for our sessions. If any unforeseen situation arises and a VE is not able to make a session we would be forced to cancel the test.

There are some BARC members who are qualified VEs that have not been participating in the testing. We urge these VEs to attend our test sessions. If you can spare one night a month please come to a session.

We can surely use additional VEs. The test procedure for qualification is simple. Materials are available from the ARRL and the examination is an open book test. Hams with General and Amateur Extra class licenses are eligible to become VEs. If you would like to become a VE and help with the testing please contact Hank, K1QK, or Jim, N1ICN.

SKYWARN Spotter Training - Rob Macedo, KD1CY

The National Weather Service in Taunton MA gives SKYWARN spotter training at several locations in Southern New England. Anyone interested is welcome to attend. The training session is free of charge, and there is no need to register. However, participants will be asked to fill out a short form during the class.

Friday, August 24th, 2012, from 1:00 to 4:00 pm
Holiday Inn – Boxborough
242 Adams Pl
Boxborough MA
Preregistration is not required

This is prior to the start of the ARRL New England Division Convention. No admission will be charged on Friday for those attending this SKYWARN Training session.

Want to Wave at the Space Station?

The International Space Station (ISS) is above you. Find out when and where (and a lot of other stuff) at www.heavens-above.com/. Wave vigorously!

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Field Day? Fun Is Not Far Away

With only a few weeks to go, Field Day is almost here. As in the past several years, we will set up and operate at the Bare Cove Fire Museum in Hingham. It sounds far away, but it is really easy to get to – including by T Commuter Rail.

The basic planning will remain the same as recent years. We provide compact HF stations, antennas and generators. Beyond that, anyone can participate in the club activity by providing their own station facilities – and they do.

The result has been a resounding success. We set up, operated, and tore down with ease – and had **fun** doing it. This year we will definitely set up and operate on **Saturday, 23 June**, with an option on continuing through the night and/or on **Sunday, 24 June**. Further details, including a map and travel directions will appear in the June issue of this newsletter.

Field Day is an ARRL-sponsored event held in the US and Canada to demonstrate our readiness for emergency communications support. The focus is to set up fully operational stations in the field, under any weather conditions, and contact as many other stations as possible. All this is in the interest of having fun and showing ham radio to the public.

It does take some effort to make our Field Day happen. If you want to participate in the learning and fun, you are asked to also participate in the setting up of equipment and antennas and/or the taking down afterward. Actually, there is a lot of learning in handling the hardware as well as in the operating.

The fun is yours for the taking. We will be discussing it at our June General meeting and at special planning meetings to be announced. Bring your ideas, or just say you want to be there – to see, to learn, or to try. The point here is that even if you hold a Novice or Technician license, you can operate on the HF bands and get the feel for your upgrade. We want everyone (ham or not) to get on the air.

Bare Cove in Hingham is accessible by the MBTA Greenbush Commuter Rail Line. The train station is “West Hingham.” The Fire Museum is about 1/3 mile in on a road directly across the street from the train platform. If it appears desirable, we may run a shuttle from the station. Train schedules can be found at <www.mbta.com/schedules>.

For planning information, come to the June General meeting.



Discover Digital QST!

If you're an ARRL member, you now have access to the new digital edition of the June 2012 issue of *QST*. It is available to all ARRL members at no cost. All you need to do is log on to the ARRL website. Also available: digital editions of the January through May 2012 issues. You will find links to all the digital editions on our website at <www.arrrl.org/qst/>.

But wait - there's more! All ARRL members now also have access to every issue of *QST* via the Periodicals Archive at <www.arrrl.org/arrrl-periodicals-archive-search> - from the first issue, published in December 1915, through the December 2011 issue. You'll find more information about the digital edition in the FAQ section <www.arrrl.org/digital-qst-faq>.

We hope you enjoy the new digital editions of *QST*. Unless you have chosen to opt out of the print edition, you will continue to receive *QST* in the mail each month.

MS Word Can Make a Zero -- ARRL Contest Update, 15 February 2012

How do you type symbols like Ø in Microsoft Word? If you happen to know the character's four-digit numeric code, you can use the ALT key to enter it directly. Otherwise, use the Alt-i “Insert” menu. With the cursor at the point where you want the symbol, type Alt-i, then type “s” for symbol. A symbol entry window will appear. You can find most of the interesting symbols hams need by selecting the Symbol font and scrolling up and down.



I See the Future

- 16 Jun NE Antique RC (Brookline NH)
17 Jun MIT Flea (Cambridge)
24 Jun BAA 10K Race (Rp)
3 Jul Finish at the Fifty Races (Gillette Stadium)
15 Jul MIT Flea (Cambridge)
12 Aug NoBARC Flea (Adams)
19 Aug MIT Flea (Cambridge)
24-26 Aug ARRL NE Convention (Boxboro)
16 Sep MIT Flea (Cambridge)

(Rp) = BARC 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.



Got a Story? Why not share It!

-- Jim Bradley, KB1JKJ

We are always looking for articles for the newsletter. I have reserved this space for your articles, tips, how-to's, or other ham related information.

Articles for the May issue must be received by 30 June.

Looking Ahead At Public Service

-- Bob Salow, WA1IDA

When hams engage in public service as mandated by the FCC Rules, the benefits go well beyond just following the rules. We can enjoy our hobby - have fun! We protect the health and safety of event participants.

Throughout the year BARC coordinates numerous public service events. Most of these are open to hams who are new to helping at such events as well as experienced hams.

- BAA 10K Race - 24 June - (Boston)
Finish at the Fifty - 3 July - (Gillette Stadium, Foxborough)
BAA Half Marathon - 7 October - (Boston)
SKYWARN Recognition Day - 1 December - (Blue Hill, Milton)

Other events may jump in on short notice. Among our skills is the ability to apply our technical, organizational and staffing quickly and proficiently.



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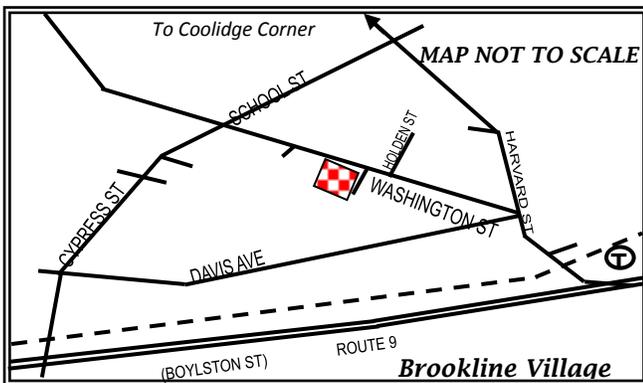
Quarterly Business Meetings -- Bob Salow, WA1IDA

We have Business meetings quarterly. Unless circumstances warrant, BARC Business meetings will be held on the first Thursdays of December, March, June, and September. The next such meeting will be on **6 September 2012** at the Brookline Police Headquarters. All members are urged to attend and participate in club affairs. This is where club functions are discussed and decided, and your help is needed to guide us.

A short opening period of each General meeting will continue to be used to bring any immediate business matters to everyone's attention.

To provide continuity of club business between meetings we also have a virtual business meeting via an email list. Any member interested in the affairs of the club can ask to be on this virtual meeting list – just give your name, call and your email address to President Linda Blair, NA1I.

Directions to the Brookline Police Headquarters, 350 Washington Street, Brookline MA



The Clay Center Observatory
Welcomes BARC members

www.claycenter.org

Public Astronomy Nights, Astronomy Day Events,
Amateur Radio Classes, Amateur Radio Youth Club,
Community and Adult Education, Weather Festival,
Science Lecture Series, Educational Outreach

20 Newton St., Brookline, near Larz Anderson Park

BARC Volunteer Exam Sessions

The Boston Amateur Radio Club holds monthly VE sessions on the second Monday of each month. Sessions are held at 7:00 pm at Brookline Police Headquarters, 350 Washington St in the Community Room across from information desk. A map is shown below

We give all exams (Technician, General, and Extra). Testing is by reservation only. Please bring the following with you:

- Your current license and a photocopy for the ARRL, if you are upgrading
- Any CSEs you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- **\$15.00** (good for all the tests you take at that session, except for retests)

Note: Written tests can be taken sequentially at the same session for the same \$15 fee. The needed FCC forms will be provided.

To reserve a seat or for further information, contact:
Jim Clogher, N1ICN, n1icn@arrl.net or Hank Buccigross
K1QK, K1QK@arrl.net

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Your Personal Ad Could Have Been Here

Are you a depressed BARC member because you have a treasure you must turn to cash? Cheer up, Bunky! *The SPARC* will run your (non-business) ad for free. Of course, a 10% donation if you sell it will be cheerfully accepted. Just send your ad to Linda Blair,NA1I, at <na1i@arrl.net>.

BARC Officers and Staff

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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 also an associate member of the Courage HandiHams system.

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Greater Boston Net Directory

Daily 5:30 pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
Daily 7 and 10 pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
Daily 8 pm	Eastern Mass 2M Traffic Net (NTS)	145.230 (PL 88.5)
Daily 8 pm	Slow Speed CW Net	28.160
Daily 10:00 pm	Heavy Hitters Traffic Net (NTS)	MMRA-linked repeaters: 146.610, 146.670, 146.715, 146.820, and all 222 and 440 repeaters
First Mon 8:30 pm	EMA Section ARES Net	146.610 and all MMRA links
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030; 444.600 (PL 88.5)
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	AMSAT Net	146.640
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net	50.275
Sun 8 pm	Algonquin Amateur Radio Club Net	446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newsline)	145.470