



The SPARC

Amateur Radio - Communicating Worldwide for A Century
Newsletter of the Boston Amateur Radio Club

"Serving Hams in the Greater Boston Area"

September 2011 - VOLUME 23, NUMBER 9

www.barc.org - w1bos@arrl.net



Message from the President - Tom Bertolino, KB1P

Hello everyone! Getting right to the point it is with great sadness that I must resign as your club president. When the nomination committee asked me to reconsider my decision not to run for president this year, I agreed to run with the caveat that if my home situation changed I would need to move out of Massachusetts and therefore have to resign as president. At the end of June a series of events started that led to the change that I warned the nomination committee about.

As a result of this change, my wife and I decided to travel to the Greensboro, NC to take a look at the area. This was to be the first of a couple of planned trips to look for a place to retire. The trip was planned for the middle of August. After spending a little time in Greensboro we found that we liked the area and decided to look at some homes. Buying a home during this trip was the farthest thing from our minds, but they say when woman walks into a prospective home she can tell as soon as she enters the house this is the one for her. Well I did not believe this until I saw it firsthand. After some discussion with the realtor we made an offer for the house. To our surprise the offer was accepted. If everything goes as planned the closing will be around the end of September.

I want to thank everyone for your support. It is with mixed feelings that I am resigning as the BARC president and leaving the area. I will miss the challenge of being your president, and the comradeship developed during Field Days, special events, meetings, and VE sessions. But what I will miss most are friendships that I developed in the club. Nevertheless I am looking forward to the move and the new challenges that it will bring. I hope my first meeting at the GARA is as interesting as my first with BARC. [I can assure you that it will not be more exciting. I will never forget the first BARC meeting I attended.]

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Arthur Ashley, N1NHZ, SK



It is with great sadness that we report the death of long time BARC member, public service participant, and Executive Board Member, Arthur Nelson Ashley. Some details are still unknown, but he is believed to have passed away during the last full week of August. He had recently celebrated his eightieth birthday.

Arthur was originally from Mineola, NY. He attended Mineola High School, class of 1949. He was a former Boy Scout and had served in the U.S. Army in Southeast Asia during the 1950s. He was a graduate of the Syracuse University School of Forestry, holding both Bachelors and Masters Degrees. He was also active in Community Boating and a member of Cambridge's ROMEOs (Retired Old Men Eating Out). In 2005 he was named BARC's "Ham of the Year." He had retired as a credit analyst from the Harvard Coop some years ago. At this writing there are no known relatives.

When not engaged in radio activities, Arthur enjoyed reading several newspapers daily, visiting the Cambridge Public Library, and gathering for conversation with friends at some Cambridge restaurants. He was a wealth of information and always very pleasant. He will be sorely missed both as a club member and as a friend.

The Cambridge police are trying to locate Arthur's next of kin. If you have any information that may assist the Cambridge police in finding any family members, please contact me at kb1p@arrl.net or the police directly.

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BARC September Meeting: APRS Part 2 – Jim Bradley, KB1JKJ

At the February General Meeting we discussed the Automated Packet Reporting System (APRS) what it was and how it works. The Summer Break is over, come join us at the September General Meeting and hear how APRS worked and the role it played at a number of Public Service events this past summer. We meet at 7:00 pm on September 15th at the Brookline Police Headquarters, 350 Washington Street, Brookline MA (A map is shown below; 42.333886 71.121463)

BARC'S End of Summer Cook Out - Aug 27, 2011

Photos Submitted By Geri Duff, KB1ISG

Not even Hurricane Irene could stop the BARC End of Summer Cook Out at the Bare Cove Fire Museum in Hingham. A good time was had by all who challenged the storm.

Tom, KB1P, and Joe, N1QD, and Hank K1QK tuning the Buddie Pole antenna



Mark, KB1EKN, Joe, N1QD, and Marie Bertolino lining up for food.



Tom, KB1P, Joe, N1QD, and Bill, W1PL, putting the Buddie pole away.

W1BOS Trustee Change Notice

Joe Harris, N1QD, is now the trustee of the club's station and call sign W1BOS. All coordination for the use of the club's 2-meter repeater, 145.230 (-) CTCSS 88.5, and the 70 cm repeater, 443.550 (+) CTCSS 110.9. Requests for event use must be made to Joe. Joe's email address is n1qd@arri.net.

Got a Story? Why not share It! -- Jim Bradley, KB1JKJ

We are always looking for articles for the newsletter. So I have reserved this space for your articles, tips, how-to's, or other ham related information. Send your submissions to the Editor, Jim, KB1JKJ, at [<james.bradley4@comcast.net>](mailto:james.bradley4@comcast.net).

Articles for the October issue need to be received by 30 September.

Repeaters: 145.230 (-) CTCSS 88.5

Simplex: 147.420

443.550 (+) CTCSS 110.9

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Mobile To Go Kit-- Jim Bradley, KB1JKJ

During the summer months my wife Donna and I go into Public Service mode, supporting a number of walks and cycling events. The biggest is the MS Cape Cod Getaway a two day event with 2000 riders, riding 150 miles, starting from UMass Boston and ending in Provincetown with an overnight stay at Massachusetts Maritime Academy in Bourne.

Our role at this event is running Net Control. Because the event covers 150 miles over 2 days, Net Control has to be relocated each day and may go mobile at the end of the day so it can get to the finish. With over 15 hams supporting the event using up to 4 different repeaters each day and 2 cell phones, the equipment quickly adds up and having to setup and breakdown each day adds to an already long day.

Net Control consists of two radio operators, two recording secretaries and the MS Logistics Manager. This year we also decided to use APRS for tracking some of the Sag vehicles and the last cyclist. Being a Boy Scout our motto was "Be Prepared" so Net Control has a lot of extra equipment in case something fails, all of which I carry in a SUV and have to unload, setup and reload each day.

This year we tried something different. Using a cargo van as the base for a Mobile Net Control, to that we added two Icom 2720s in to-go kits, 2 base antennas and stands,



one Kenwood 710A, three mag mount antennas, two GPSs, three laptop computers, a generator and gel cell battery. Support equipment includes chairs, tables, popup tent, extensions cords, coax cables, paper logs, and a cooler with ice and cold drinks.

With this setup we used the Kenwood for mobile operations and to get Net Control on air as soon as we arrived on station. Then we would set up one Icom using a mag mount antenna until we could set up the base

antennas. Power came from either the gel cell battery or the generator until we could access AC power. The computers were used for logging calls, tracking weather conditions and the Sags using APRS. We also used the tables and chairs to set up an area for one of the secretaries and the MS Logistics Manager to answer cell phones and tracking the rider information.



Going mobile and packing up was just a matter of switching to the Kenwood, shutting down the Icom radios, closing up their cases and packing up the base antennas. Not a bad way to run net control on a multi-day event.



Kenwood with two GPSs



Two Icom units mounted
in the to-go kits



Base antennas, stands and chairs

Special Event Station K5B – Plano Balloon Festival - Ron, AE5NO

On **16-18 September 2011**, the 31st annual Plano (TX) Balloon Festival will be celebrated with a special event station, K5B, by members of the Plano Amateur Radio Klub (PARK). Planned frequencies (+/- QRM): 7.255, 14.255, 21.355 and via Echolink at K5PRK. QSL with SASE to K5PRK. More information is available at www.k5prk.net/k5b.

Repeaters: 145.230 (-) CTCSS 88.5

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443.550 (-) CTCSS 110.9

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Minutes of the BARC Business Meeting: June 2, 2011 --Recorded by: Jim Bradley, KB1JKJ

Present were:

Tom Bertolino, KB1P, President
Jim Clogher, N1ICN, Treasurer
Hank Buccigross K1QK, Executive Cmte
Mark Duff, KB1EKN
Blake Haskell, K1BTH

Linda Blair, NA1I, Vice President
James Bradley, KB1JKJ, Secretary
Joe Flaherty, W1JJF
Bob Salow, WA1IDA, Executive Cmte

The meeting was brought to order by the President at 1909.

Treasurer's Report: Jim, N1ICN, reported that the bank balance was \$ 2,467.45 as of September 1.

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

Membership Services Report:

Linda, NA1I, reported that we had one new member and that the new ham welcome letter is being handed out at the VE sessions.

Repeater Report:

Linda, NA1I, reported that 145.230 is working fine and that the Monday Night Net has not noticed any problems.

On the 443.550, Linda, reported that she has not heard much traffic on the repeater and started the discussion as to what the club should do with this repeater. It was decided that the club should remove the repeater from its current location and place the old repeater in its place, to ensure that we don't lose the installation space. Mark, KB1EKN, will have his radio technician tune the newer 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.

It was noted that the transfer of the Trustee for the club's repeaters to Joe Harris, N1QD, has been completed.

President's Business:

Tom announced with great sadness that he must resign as club president and he passed out a copy his letter to *The SPARC*. Tom explained that he and his wife decided to retire to Greensboro, NC and that they recently purchased a house there.

After some discussion the Executive Committee thanked Tom for his service and Tom turned the meeting over to Linda, NA1I who assumes the role of Club President.

Linda's first action was to appoint Jim Bradley, KB1JKJ, as Vice President, Jim will continue to serve as the club Secretary. Also, as Vice President Jim will serve as the chairperson of the Repeater committee.

Bob Salow, WA1IDA, was appointed as interim Public Service Coordinator, and Hank Buccigross K1QK, was appointed as VE Liaison to the ARRL.

Public Service: The following organizations have requested support for their events later this year.

- *BAA Half Marathon – 9 October – (Boston)*

Scheduled Events:

- *3 Dec SKYWARN Recognition Day - Mark, KB1EKN will head this activity. (Tom KB1P, Hank, K1QK, and Mark will review the site with an outside consultant. 15 and 20 meters look like the best bands. There is something in the middle of 2 meters which is why we have problems using 145.230 during events at Blue Hill Observatory.*
- *TBA Holiday Party will be at the Stockyard Restaurant again this year, dates discussed where Dec 6/7 or Dec 13/14 for a backup. Joe N1QD and Blake K1BTH will make reservations.*

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Old Business:

Rescheduled the VE test date in October

Rescheduled to October 3 due to the Columbus Day holiday (Note this is the 1st Monday).

Appoint a BARC member to the position of Asset Manager

Jim, KB1JKJ, was appointed Asset Manager and working on putting together a database of all club assets.

Should BARC permanently link the 23 repeater to EchoLink

The club has been testing using EchoLink for access to the Monday night BARC net. Phil Temples, K9HI, has offered to host a permanent installation. A motion was made and approved to have Phil host a permanent connection and that we would evaluate the need for a permanent connection at the next business meeting in December.

BARC Swap or Flea Market

Further discussion was tabled until the December Business Meeting. There was a discussion about making it part of a Show and Tell meeting in February.

New Business:

Topics for General meetings

Proposed agenda for the coming year's meetings

September – APRS	October – TBA	November – TBA	December – Holiday Party
January - Open	February – Show & Tell	March – Public Service	April – Blake, K1BTH
May – Field Day	June - Elections		

Change name of the club from Boston Amateur Radio Club to Boston AREA Amateur Radio Club.

(Submitted by Hank, K1QK)

Mark started the discussion with a breakdown of the club membership, of the 94 members, 20 are from Boston, 20 from north of Boston, 28 from west of Boston, 12 south of Boston and 11 outside of Massachusetts. The rest of the discussion was around how to get more members interested in the club and its activities, what is involved in changing the name. The decision was to table the name change but to promote the club as "Serving the Greater Boston Area".

Boston Emergency Management Agency (BEMA) Staffing (Submitted by Blake, K1BTH)

Blake, K1BTH, discussed the recent activity at BEMA due to the hurricane and how BEMA was impressed with the hams that volunteered during BEMA activation. While the club supports the idea, we did not feel that we should explore a partnership at this time. If club members are interested supporting BEMA they can get on the ARES qualification list. Blake may write an article for *The SPARC* describing ARES and the Emergency Communication Course.

Other Business:

A motion was made and approved to make a donation of \$200 to the Bare Cove Fire Museum. (Site for Field Day).

A donation to the Blue Hill Observatory had been made in January 2011.

The meeting adjourned at 2139.

GOOD LUCK TOM And we'll need some too -- Hank Buccigross, K1QK

As you've read by now, Tom, KB1P, BARC President for the past 2+ years is moving to North Carolina and must resign his position. Tom has been an outstanding asset to the club over his tenure. His efforts have taken the club into the second decade of the 21st Century in excellent shape. Thanks to Tom the club now has new radios and antennas in addition to a generator so as to be self-sufficient in emergency situations. He took over as the VE Coordinator at a time when two members of the team were unable to continue performing their VE duties. No task was too much for Tom to take on. As the sub-title notes, we'll need some help in continuing in Tom's footsteps.

I've been a BARC member for over 10 years. During that time we've had several fine presidents [yours truly is probably an exception] but none has performed better than Tom. So our hats are off to him. Best of luck Tom: Nobody has done it better.

Field Classes and Exams for Introduction to Emergency Communication Are Ready to Go -- ARES E-Letter, August 17, 2011

The ARRL has re-launched the infrastructure for the new Emergency Communications (EC-001) training program. Field classes and exams for the new course have been developed and are available from the ARRL Continuing Education Program office. You can also review requirements for registering as a Field Examiner and find the information you'll need to perform those responsibilities, including instructions for ordering exams, at:

www.arrl.org/emergency-communications-field-examiners .

The printed course transcript is now available in the ARRL store:

www.arrl.org/shop/The-ARRL-Introduction-to-Emergency-Communication-Course/

You can find authorized ARRL Field Instructors and Field Examiners by conducting a search of the databases at:

www.arrl.org/find-a-fi and www.arrl.org/find-a-fe.

ARRL has also launched a new searchable database for Field Instructors and Field Examiners to register their classes and/or exam sessions at: www.arrl.org/find-an-emcomm-class-exam.

EC-001 Field Instructors Needed

-- ARES E-Letter, August 17, 2011

Field Instructors are volunteers who commit their time and expertise to offer classroom instruction of the ARRL Amateur Radio Emergency Communications Course. Volunteer instructors may now conduct classroom instruction covering the material in the new *Introduction to Emergency Communication* course (EC-001).

Field Instructors must be registered with the ARRL Continuing Education Program and must meet certain requirements:

- Completion of EC-001 (old or new version)
- Completion of FEMA IS-100, 200, 700 and 800
- Must be 18 years of age with Technician or higher license
- ARRL member
- Recommendation of Section Manager

If you are interested in serving as an ARRL Field Instructor for EC-001 you may submit an application [here](#).

Business Can Advertise Here

The SPARC accepts commercial advertisements. BARC encourages monthly promotion of your products and services which would be of interest to hundreds of our members and others interested in the Amateur Radio Service.

The rates for display advertising are:

- 1 col x 2 in. (business card) \$15 per issue
- 1 col x 2 in. (business card) \$75 per 6 consecutive months
- 1 col x 2 in. (business card) \$125 per 12 consecutive months
- 1 col x 4 in. (1/2 column) \$30 per issue
- 1 col x 9.5 in. (full column) \$60 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 Tom Bertolino, KB1P, at 781.608.6186 or <kb1p@arrl.net>; or Bob Salow at <wa1ida@arrl.net> or 508.650.9440.

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BAA Half Marathon Is On the Way -- Bob Salow, WA1IDA

When the name Boston Athletic Association (BAA) is attached to an event, the world of runners jumps to attention. Runner registration for the Half Marathon was opened in mid-July. In four hours the limit of 7000 entrants was reached.

BARC is proud to be asked to coordinate ham communications for this event, as we have for the past nine years. Now in its tenth year, this "Boston Tradition" is expected to be better than ever. Ham radio has established its community value at times like these. We are asked to support safety and administrative communications. With a little fine-tuning, including many ideas from hams, the event is expected to be even better than last year.

As in 2010, the race starts and finishes at beautiful Franklin Park. The course on the "Emerald Necklace" is 98% in Boston and 2% in Brookline and is qualified to international standards. We need you again, and the Race Director has asked for even more ham assignments (that's what happens when we are appreciated).

If you are new to ham public service (or don't have much familiarity with it), this is the way to become familiar without much pressure. For hams, this is an easy introduction and an appreciated community service.

Date: **Sunday, 9 October 2011**

Ham start: 0600 or 0700 (because of road closures)

Ham finish: 0930 to 1130 (depending on location)

Yes, I know it is the day before Columbus Day. The upside is it starts early and ends early, leaving plenty of time to enjoy the long weekend. Your help is greatly needed to continue this as a superb event and to uphold our reputation for dependable support. Our assignments consist of monitoring hazardous and critical locations along the course, and the medical/support stations. As we did in the past, we plan to use a 2-meter repeater and possibly a 70-cm repeater. A hand-held with a good battery and an antenna better than a "rubber duck" is the way to go.

If you can help, please contact the BARC Public Service Office as soon as possible. The assignments and more detail will be sent as soon as they are available. Net Control will be at White Stadium. If you wish, you can be transported to your assignment on the course, but for most assignments, you can go directly to your station. Please send your best email address and a phone number (cell, also). Parking should be available very close to each assignment. Feel free to contact Bob Salow, wa1ida, to volunteer or if you have any questions, at wa1ida@arri.net or 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.

Joe Chapman KB1VZJ

B J Stubbs KB1UPF

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@arri.net**.

Catch the Space Station With Your Smartphone

-- AMSAT Bulletin ANS-191

You can turn your iPhone or Android smartphone into an ISS visible pass predictor using <http://simpleflybys.com>. Web based predictions are also available using the Simple Satellite Tracker on the Spaceweather web site, <http://spaceweather.com/flybys>.

I See the Future

12 Sep	BARC VE Session (by reservation)
15 Sep	BARC General Meeting
17 Sep	RIFMRS Flea (Forestdale RI)
18 Sep	MIT Flea (Cambridge)
25 Sep	NoBARC Flea (Dalton)
3 Oct	BARC VE Session (Note change of schedule)
9 Oct	BAA Half Marathon (Rp)
14,15 Oct	NEAR Fest (Deerfield NH)
16 Oct	MIT Flea (Cambridge)
20 Oct	BARC General Meeting
4 Nov	HCRA Auction (Feeding Hills)
5 Nov	IRS Flea (Londonderry NH)
12 Nov	Falmouth ARA Flea (Bourne)
14 Nov	BARC VE Session (by reservation)
3 Dec	SKYWARN Recognition Day at Blue Hill Observatory

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

Note: In the June issue of this newsletter there were some incorrect references to the date of the BAA Half Marathon. The correct date is **Sunday, 9 October**.

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. Of course, if you know of an event that would be of interest to the readers, please let the Editor know.

Heathkit Returns

-- **ARRL Letter, 25 August 2011**

The venerable and defunct (almost) manufacturer of electronic kits has risen. While the first kits to be offered are not for Amateur Radio, the company is actively looking for kit suggestions.

After several decades of successful kit manufacturing, Heathkit left the kit business in 1992. Heath sold Amateur Radio equipment, at first only kits and later its own line of non-kit products, from 1954 to 1992. The company has been sold a number of times since its founding back in 1912 as an aircraft company.

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. We support worthy charities. We learn to work within an organized effort. We experience the technical aspects of operating under adverse conditions. We practice communicating under emergency conditions. We can demonstrate these qualities to the communities we serve and thus promote our service for their acceptance.

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. For 2011, we have already been tasked with several events, and more are expected. . Feel free to contact Bob Salow, wa1ida, to volunteer at wa1ida@arrl.net or 508.650.9440.

- **BAA Half Marathon – 9 October** – (Boston)
- **SKYWARN Recognition Day – 3 December** – (Blue Hill Observatory, 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. Join our team and join in the fun and learning.



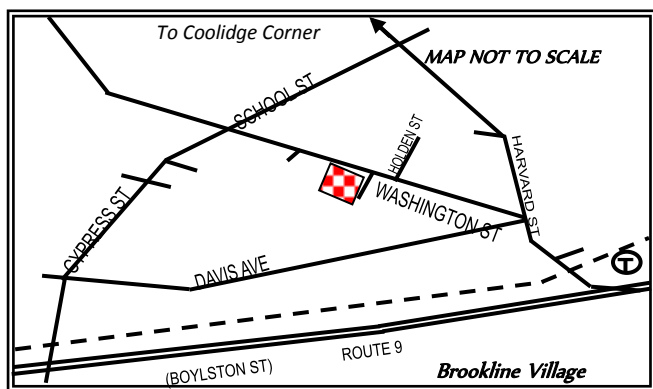
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Vanity Call Sign Fee to Go Up in September -- ARRL Bulletin 019, August 11, 2011

The FCC has announced that the cost of an Amateur Radio vanity call sign will increase 90 cents, from \$13.30 to \$14.20, effective September 9, 2011.

The fees that are collected from Vanity call signs are used to offset the cost of monitoring and researching new call sign requests to prevent the issuance of duplicate call signs." The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term.

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. **The October exam has been rescheduled.** 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.

For further information, contact:


Jim Clogher, N1ICN, 617.364.4658 n1icn@arrrl.net
Linda Blair, NA1I, 617.500.4406 na1i@arrrl.net

Got a Story? Why not share It! -- Jim Bradley, KB1JKJ

We are always looking for articles for the newsletter. So I have reserved this space for your articles, tips, how-to's, or other ham related information. Send your submissions to the Editor, Jim, KB1JKJ, at [<james.bradley4@comcast.net>](mailto:james.bradley4@comcast.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 Jim Bradley, KB1JKJ, at <kb1jkj@arrl.net>.

BARC Officers and Staff

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978.663.7114; kb1jkj@arrl.net

Programs & Activities: Phil Temples, K9HI;

617.744.9780; phil@temples.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 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

Repeaters: 145.230 (-) CTCSS 88.5

Simplex: 147.420

443.550 (+) CTCSS 110.9