



# The SPARC

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

"Serving Hams in the Greater Boston Area"

January 2012 - VOLUME 24, NUMBER 1

www.barc.org - w1bos@arrl.net



## Message from the President - Linda M. Blair, NA1I

*The New Year -- It's a new year; 2011 is history and 2012 is upon us. 2011 had some events that were good and some not so good. Fortunately, the not so good were very few. The most notable was the loss of our long, time very active member Arthur Ashley, N1NHZ. But the good events were several. The Club is in sound financial shape. We've had some very good speakers at our meetings. Our events have been among the most successful ever. Field Day was without peer. The End of Summer event was most enjoyable even though radio operations were limited by an impending hurricane. Our Holiday Party, though a little smaller than usual, was a fine social event.*

*The sunspots are returning. HF communications are better than they have been in the preceding several years. Interest in Amateur Radio has grown. Our VE sessions have been very successful. We've gained several new members and some members have upgraded their license class. All things considered it was a pretty good year.*

*So, what's in store for 2012? Of course we expect to maintain our financial viability and we will continue to participate in public service events. Field Day and the Holiday Party are musts. We will continue to seek out interesting topics and great speakers for our general meetings and we will continue conducting VE sessions. Beyond those things, you tell us. If you have something in mind that you would like to see as a meeting topic or an event let us know. We might be able to make it happen.*

*To get the year started, the theme of our January General Meeting is "Show and Tell." Bring a piece of your radio gear to the meeting, show it and explain it. To add more interest to the meeting, we will also entertain questions and discussions of a technical nature. Do you want to know how your antenna works and how to improve it? How about which connector to use when and where? Or what's the difference between types of batteries? These and other technical questions are fair game for this forum. Within our Club membership we have a wealth of talent able to answer almost any question. If we don't have the answer, we'll try to get it for you. This will be a meeting where you can be both presenter and questioner and have fun doing both.*

*Above all, bear in mind that it is your Club. You will get the most out of it when you participate in it. We need VEs. We also need leadership talent. And we always need more help at our events.*

*So feel free to come forward and participate in making 2012 the best year ever for the Boston Amateur Radio Club.*

*Happy New Year!*

## Show Your Stuff at the January Meeting

*The BARC January General meeting is your opportunity to boast about how you solved one of ham radio's vexing problems – no matter how trivial. Show and tell everyone what you built and/or learned in the process. The truth is that you are probably not the only one stuck in the same situation. Let the rest of us in on how well you did.*

*OK, so maybe you did not get to solve a problem. Maybe you are still wrestling with an antenna, pushing the wrong buttons on a piece of test equipment, or can't get the radio to do what you want. This is the meeting to be at. Among the members is sure to be someone able to help. You can help by bringing your problem and the manual that goes with it.*

*The meeting is **Thursday, 19 January 2012** at the Brookline Police Station, 350 Washington St, in the Community Room, beginning at 7:00 pm. A map is shown later in this newsletter.*

Repeaters: 145.230 (-) CTCSS 88.5

Simplex: 147.420

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## ***The SPARC***

### **Jiggle the Dates**

Due to venue conflicts some BARC meetings in 2012 must be shifted as to date and/or place. Please take note of these; timely reminders will also be posted in the newsletter.

19 Jan	Thu	General Meeting	Brookline PD
15 Feb	Wed	General Meeting	Brookline PD
1 Mar	Thu	Business Meeting	Cambridge Side Galleria
14 Mar	Wed	General Meeting	Brookline PD
19 Apr	Thu	General Meeting	Clay Center
17 May	Thu	General Meeting	Brookline PD
7 Jun	Thu	Business Meeting	Brookline PD
21 Jun	Thu	General Meeting	Brookline PD

### **ARRL Warns Members to be Aware of Email Scams -- ARRL Letter, December 15, 2011**

Many ARRL members with arrl.net email accounts have recently received bogus emails in a “phishing” attack. These are scams designed to scare people into emailing back personal information - such as user names and passwords - to the scammer at an unknown address. This particular attack was more sophisticated than usual, but far from unique.

“There is never a time when we would ask via email for user names and passwords of arrl.net users,” explained ARRL IT Manager Michael Keane, K1MK. “There is simply no need to ever do so. If you receive an email asking for personal information and it looks like it originated from ARRL, please do not respond. The best thing you can do when receiving bogus emails is to simply add it to the spam list in your computer’s email program and delete it. Please don’t forward it to ARRL HQ - we will have already seen it and are already responding to it.”

ARRL members - and anyone who uses email services - should be constantly aware that email is far from secure. If anyone ever asks you for personal information via email, it probably is a scam, no matter how pretty or professional their logo or graphics may appear.

### **It’s Time for Membership Renewal**

The BARC Executive Committee decided to have no increase in the dues structure for 2012. The basic full year membership fee for regular members continues at \$25.00. Junior, senior and family memberships are set accordingly. There will also be an adjustment for the latter half of the year.

If you have not yet renewed your membership for 2012, a Membership Information form is included with this issue of the newsletter. Be sure to complete the form when submitting your dues as the data is necessary for statistical purposes and to notify you with important information. To assist the Treasurer with his burden, please return it promptly with your dues.

BARC accepts PayPal. If you want to renew your membership online, just go to <[www.barc.org/membership.html](http://www.barc.org/membership.html)> or click on the membership link on our home page. You can use this to pay for membership or make donations with a credit card (even if you do not have a PayPal account), from your PayPal funds, or from your linked bank account. Our PayPal address is **w1bos@arrl.net**.

### **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.

Steve Jamison	KC1SJ (Upgrade to Extra)
Don Rolph	AB1PH

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](mailto:wa1ida@arrl.net)>.

## ***The SPARC***

### **BARC 70cm Repeater Off**

Our 70cm repeater is off the air, effective immediately, and until further notice. The 2M repeater on 145.230 remains operational. We are reviewing and revamping our total repeater support to the Greater Boston ham community.

### **No Dues Increase for 2012**

The BARC Executive Committee decided to have no increase in the dues structure for 2012. The basic full year membership fee for regular members continues at \$25.00. Junior, senior and family memberships are set accordingly. There is also an adjustment for the latter half of the year.

### **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 Linda, NA1I or Jim, N1ICN.

### **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 Jim Bradley, KB1JKJ, at 978.663.7114 or <[kb1jkj@arrl.net](mailto:kb1jkj@arrl.net)>; or Bob Salow at <[wa1ida@arrl.net](mailto:wa1ida@arrl.net)> or 508.650.9440.

### **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 February issue must be received by 30 January.

Editor Note: Thanks to all that submitted articles this month!

## ***The SPARC***

### **Tower Safety Rules To LIVE By**

W1GFF wrote:

*Boston news outlets reported that a tower worker fell 1,000 feet to his death from the American Radio Systems tower next to Route 128 in Newton. The tower was formerly known as the WHDH-TV Channel 5 tower, but after Ch 5 lost their license in the 70s it became known as FM-128 and was the home to a number of FM radio stations and two-way customers. The tower is now owned by American Tower Systems.*

John Beanland, G3BVU, wrote:

*W1GFF has drawn our attention to the fatal accident on October 12, 2011 on the WHDH tower in Newton. Fatal accidents on a tower should **NEVER** happen provided a simple set of safety rules are followed 100%.*

1. Use a "climbing belt" and two straps. If you have only one strap, **DON'T CLIMB**.
2. Carefully examine the belt and both straps before putting them on, **REJECT IF DAMAGED**.
3. When only a few feet off of the ground, place one strap around the tower and throw your weight on it. **DO NOT HOLD THE TOWER**. If something breaks you will suffer only a bruise or two as you hit the ground.
4. Repeat the test with the second strap alone.
5. With two straps there are four ends.
6. **ALWAYS HAVE AT LEAST ONE STRAP AROUND THE TOWER AND THREE ENDS CONNECTED TO YOUR BELT**.
7. When you come to a set of guys that prevent you from climbing farther, pass one strap around the tower on the other side of the guys and secure to your belt before releasing one end of the strap that is preventing further progress on the tower. This method applies when going up **OR** down the tower.
8. **YOU MUST ALWAYS BE SECURED TO THE TOWER BY YOUR BELT AND AT LEAST ONE STRAP.**

### **Tell Your Ham Radio Stories -- Dan Romanchik, KB6NU**

For a long time, I've had the idea to set up a website to capture ham radio stories. Well, I've finally done it. The Ham Radio Story Project <[www.hamradiostoryproject.com](http://www.hamradiostoryproject.com)> is now online!

This website was inspired by the Story Corps <<http://storycorps.org/>> which was itself inspired by NPR's National Story Project <[www.npr.org/programs/watc/features/1999/991002.storyproject.html](http://www.npr.org/programs/watc/features/1999/991002.storyproject.html)>. The tagline for the site is "capturing the human spirit of Amateur Radio," and my motivation for setting up the site is to capture personal stories of how Amateur Radio has touched lives - either the lives of Amateur Radio operators themselves, or of the people that we serve.

The site has only been online a month, and I already have several good stories. I reposted my story about checking the QSLs of a county hunter, and there are also stories about an international friendship that survived WW II and a story about how an Elmer touched the life of his student. These are exactly the type of stories I want to collect.

If you have a great story about ham radio, I want to hear about it and to publish it on <[www.hamradiostoryproject.com](http://www.hamradiostoryproject.com)>. If you want to tell the story yourself, let me know, and I'll set up an account for you on the site. If you would like some help, let me know, and I'll contact you and either write the story myself, or find someone else to help you.

I don't want to lose another great story because there isn't a place to tell it. *HamRadioStoryProject* is the place to tell it.

### **Operating Ethics**

Operating ethics apply to all phases of ham radio – conversational, DXing or contests. To that end, here are a couple of online resources. The Utah DX Association has published the *New DXers Manual*, <[www.udxa.org/](http://www.udxa.org/)> by Bryce, K7UA. Another useful handbook is *Ethics and Procedures for the Radio Amateur (3rd edition)* at <[www.ham-operating-ethics.org/files/1-eth-operating-en-iaru-r1-v3-corr-2011.pdf](http://www.ham-operating-ethics.org/files/1-eth-operating-en-iaru-r1-v3-corr-2011.pdf)>, written by ON4UN and ON4WW. And don't forget the ARRL's contribution, *HF Operating Guidelines* at <[www.arrl.org/hf-operating-guidelines](http://www.arrl.org/hf-operating-guidelines)>.

## ***The SPARC***

### **In Space: FASTERAC-1 Satellite Digipeater Active -- ARRL Letter, December 8, 2011**

As of 1600 UTC December 2, the FASTERAC-1 satellite (FO-69) is open for use as a packet radio digipeater. Anyone with a 1200 baud packet TNC and a VHF/UHF FM transceiver can try it. If you own [satellite tracking software](#), you'll find the latest orbital elements on the [FASTRAC Web site](#). FASTERAC-1 receives at 145.825 MHz and transmits at 437.345 MHz. The digipeater alias is FAST1. To connect to ARRL Headquarters station W1AW through FASTERAC-1, for example, you would send the following packet: **C W1AW VIA FAST1**

Reports of your results are welcome via [<fastracsats@gmail.com>](mailto:fastracsats@gmail.com), or at the [FASTRAC Facebook page](#).

### **Amateur Radio in Space: ARISSat-1 Re-enters Earth's Atmosphere, Falls Silent**

**-- ARRL Letter, January 5, 2012**

According to [AMSAT](#), [ARISSat-1 stopped transmitting](#) on the morning of January 4. It is believed that the satellite re-entered the Earth's atmosphere around 0700 UTC (+/- three hours) and was destroyed soon after. Telemetry reports showed that the temperature aboard ARISSat-1 had been rising as the atmospheric drag began to affect the satellite. The predicted decay location is an open part of the South Atlantic, well west of Angola.



**Sergei Volvok, RU3DIS, and Alexander Samokutyaev deployed ARISSat-1 from the ISS on August 3, 2011. [Screenshot courtesy of NASA TV]**

The last telemetry reports indicated that the internal temperature had topped 167 degrees Fahrenheit and was rising rapidly. Konstantin Vladimirovich, RN3ZF, sent a reception report of a pass at 0842 UTC and stated, "The telemetry was absent, voice messages were not legible, very silent and interrupted. Most likely, I saw the last minutes in the life of the satellite." The last full telemetry captured was received from ground stations as the satellite passed over Japan at 0602 UTC on January 4.

ARISSat-1 was [deployed](#) from the International Space Station on August 3, 2011 during EVA-29 on by Cosmonaut/Flight Engineers Sergei Volkov, RU3DIS, and Alexander Samokutyaev. The satellite carried a student experiment from Kursk State University in Russia that measured atmospheric density. Students from around the world provided the voices for the FM voice announcements.

AMSAT President Barry Baines, WD4ASW, said that ARISSat-1 marked a new type of satellite that captured the attention of the national space agencies around the world. "With ARISSat-1, we have been able to design, launch, and operate a unique educational opportunity," he explained. "By designing an educational mission aligned with NASA's Science, Technology, Engineering and Mathematics goals, radio amateurs around the world have been able to enjoy a new satellite in orbit."

ARISSat-1 achieved several "firsts" for Amateur Radio in space, including the first flight test of the AMSAT Software Defined Transponder, which included an FM voice downlink cycling between student messages, spoken telemetry and SSTV; a 16 kHz bandwidth linear transponder; a CW beacon carrying telemetry and call signs of radio amateurs (noting their significant contributions to Amateur Radio in space) and a robust, forward-error-corrected 1kbps BPSK digital downlink carrying satellite telemetry and Kursk experiment telemetry.

### **Up Your Operating Skills -- ARRL Contest Update, December 7, 2011**

**Listen** - Listen to the call sign the CQing station responds to and don't be a lid - stand by if it's not very close to your call. Too many stations just keep calling and calling, regardless of who the CQer comes back to. If you're transmitting, you are not listening and can't tell what the CQing station is doing. Give a couple of calls, then listen - it's a lot easier to get through that way.

**Answer** - If you answer a CQing station and they respond with an error in your call, the most reliable way to be sure they have your call correctly is to send *only* your call sign again and not the exchange. Don't send the exchange until the CQer responds with your correct call - then send your exchange.

**Save** - Don't toss those PL-259 backshells left over from removing a connector - put them to work! Cover and wrap the back end with tape or a plastic cap and you will have a nice screw-on water-resistant cover for an SO-239. It may not be perfectly waterproof, but it sure helps!



**I See the Future**

- 9 Jan BARC VE Session (by reservation only)
- 19 Jan BARC General Meeting
- 13 Feb BARC VE Session (by reservation only)
- 15 Feb BARC General Meeting
- 18 Feb Algonquin ARC Flea (Marlboro)
- 25 Feb VT HamCon (S Burlington VT)
- 25 Feb WMARC Flea (N Conway NH)
- 1 Mar BARC Business Meeting (CambridgeSide Galleria)
- 10 Mar Mt Tom ARA Flea (Feeding Hills)
- 12 Mar BARC VE Session (by reservation only)
- 14 Mar BARC General Meeting
- 25 Mar Framingham ARA Flea (Framingham)
- 1 Apr MS Boston Walk (Rp)**
- 9 Apr BARC VE Session (by reservation only)
- 15 Apr BAA 5K & 1 Mile Races (Rp)**
- 15 Apr MIT Flea (Cambridge)
- 19 Apr BARC General Meeting (Clay Center)
- 29 Apr Run of the Charles (Rp)**
- 4-5 May NEAR Fest (Deerfield NH)

**(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. For information on these, covering much of the Northeast, 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.

**Amateur Radio Balloon Flight Crosses Atlantic, Sets Records -- ARRL Letter, December 15, 2011**

Ron Meadows, K6RPT, and his son Lee -- leaders of the California Near Space Project -- successfully launched an Amateur Radio high altitude balloon from San Jose, California on Sunday, December 11 at 4:43 PM PST. The balloon reached a cruise altitude between 105,000 and 115,000 feet, where it continued its travel across the United States, the Atlantic Ocean and Spain and into the Mediterranean Sea. For most of its trip, the balloon traveled at about 150 miles per hour and eventually covered 6236 great circle miles in just 57 hours 2 minutes. According to the CNSP, this is a new Amateur Radio balloon flight record for both distance and duration. Read more [here](#).

**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 2012, we have already been tasked with several events, and more may be expected. Feel free to contact Bob Salow, WA1IDA, at 508.650.9440 or <[wa1ida@arrl.net](mailto:wa1ida@arrl.net)>.

- *MS Boston Walk – 1 April – (Boston – Cambridge)*
- *BAA 5K & 1 Mile Races – 15 April – (Boston)*
- *Run of the Charles – 29 April – (Charles River, Needham to Boston)*
- *MS Journey of Hope Walk – 12 May – Natick*
- *Brain Tumor Bike Rides – 20 May – (Waltham to Concord)*
- *BAA 10K Race – 24 June – (Boston)*
- *BAA Half Marathon – 7 October – (Boston)*

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.



# The SPARC

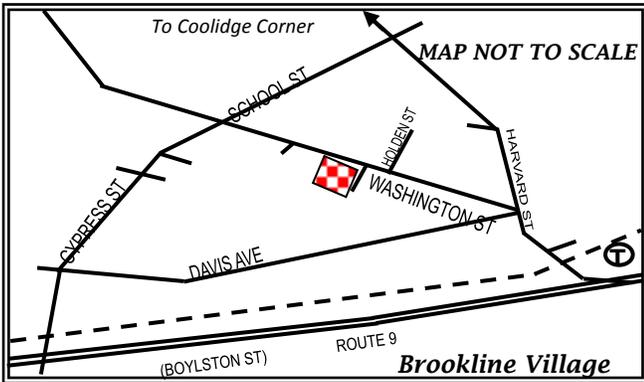
## Quarterly Business Meetings -- Bob Salow, WA1IDA

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 **1 March 2012** at the Cambridge Side Galleria. 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](http://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, 617.364.4658 [n1icn@arrl.net](mailto:n1icn@arrl.net)  
Linda Blair, NA1I, 617.500.4406 [na1i@arrl.net](mailto:na1i@arrl.net)

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Repeaters: 145.230 ( - ) CTCSS 88.5

Simplex: 147.420

443.550 ( - ) CTCSS 110.9

## ***The SPARC***

### **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**

President: Linda Blair, NA1I

617.500.4406; na1i@arrl.net

Vice President: Jim Bradley, KB1JKJ;

978.663.7114; kb1jkj@arrl.net

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978.663.7114; kb1jkj@arrl.net

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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



# Boston Amateur Radio Club

## MEMBERSHIP INFORMATION - 2012

Members: if you have already renewed for this year, please use this form to sign up a friend.

Please do not omit any items below

New

Renewal



Full name \_\_\_\_\_ Call sign \_\_\_\_\_

Name used on the air \_\_\_\_\_ Evening phone(\_\_\_\_\_) \_\_\_\_\_

Address \_\_\_\_\_ Daytime phone(\_\_\_\_\_) \_\_\_\_\_

\_\_\_\_\_ Cell phone (\_\_\_\_\_) \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ ZIP (9 digits) \_\_\_\_\_

E-mail address \_\_\_\_\_

<b>LICENSE CLASS</b> ___ Novice ___ Technician ___ General ___ Advanced ___ Extra  ___ Former ham ___ Not yet a ham	<b>ARRL MEMBERSHIP</b> ___ Life ___ Annual ___ Not a member	The BARC membership list is for club use <b>only</b> , including publishing the roster to our members <b>only</b> . Do you wish to <b>restrict</b> such limited distribution:  <input type="checkbox"/> <b>OMIT ADDRESS</b>  <input type="checkbox"/> <b>OMIT EVENING PHONE</b>	<b>IMPORTANT:</b> To save the club significant costs and effort, the club now publishes its newsletter only online. You will be notified monthly by email to link to a web page where the earliest posting will be available.  Our newsletter, <i>The SPARC</i> , is the source of local and general ham radio news and official club information.  It is therefore essential that for this fast and cost saving plan, that you indicate above <b>your best email address</b> .
	<b>EMCOMM?</b> 1    2    3		
<b>Are you an ARRL certified VE?</b> YES    NO	<b>Have you taken ICS-700?</b> YES    NO		

Membership Category	Full year 2012 if paid between Nov 11 to 31 July 12	Half year 2012 if paid between 1 Aug 12 to 31 Oct 12
<b>REGULAR MEMBER:</b> Not otherwise qualified below	\$25.00	\$12.50
<b>JUNIOR MEMBER:</b> Are you under age 18?	\$12.50	\$ 6.50
<b>SENIOR MEMBER:</b> Are you over age 64?	\$12.50	\$ 6.50
<b>FAMILY MEMBER:</b> [Regular member I live with _____] I am the family member to receive club mailings    YES    NO Note: Each member in the family <b>must</b> complete a separate form.	\$12.50	\$ 6.50

If you are able, please help support the club's activities and repeaters: ■ ■ ■ ■ ▶ \$

Total \$

Signature \_\_\_\_\_ Date \_\_\_\_\_

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<ul style="list-style-type: none"> <li>× Welcome to the <b>Boston Amateur Radio Club!</b> Join in the fun of being a ham!</li> <li>× Your cancelled check is your receipt; membership acknowledgement is for the year shown on the newsletter address label.</li> <li>× Make checks payable to: <b>BOSTON AMATEUR RADIO CLUB</b></li> <li>× Please write your call sign on your check.</li> </ul>	Give to any officer or mail to:  <b>BOSTON AMATEUR RADIO CLUB</b> <b>PO Box 15585</b> <b>Boston MA 02215-0011</b>
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Dues \$ \_\_\_\_\_ Addl \$ \_\_\_\_\_ Recd by \_\_\_\_\_ Date \_\_\_\_\_

DB by \_\_\_\_\_ Memb Nr \_\_\_\_\_ Date \_\_\_\_\_ Loc \_\_\_\_\_

Gratuitus est per