



# **The SPARC**

Newsletter of the Boston Amateur Radio Club

Volume XXI, Number 1; January 2009

<http://www.barc.org>

[w1bos@arrl.net](mailto:w1bos@arrl.net)



## **It's Membership Renewal Time**

-- Bob Salow, WA1IDA

The BARC fiscal year is the calendar year, so our membership renewal process begins again. If you have not yet renewed for 2009, the Membership Information form for 2009 is included with this issue of the newsletter. We need your support to help you get the most out of ham radio. Our club is one of the strongest and best around; your help is needed to keep it growing.

Please help the Treasurer by renewing promptly. Also, please consider receiving the newsletter electronically to save BARC significant money on postage. You can complete the form online (at our website) and use PayPal or your mailed check. Or you can fill out the enclosed hard copy and mail it with your check to the address shown, or bring it to the club meeting. Of course, we would love to see you at the meeting(s).

## **Pay For Your Membership On-Line**

BARC accepts PayPal. If you want to fill out your membership on-line, go to [www.barc.org/membership.html](http://www.barc.org/membership.html) or click the membership link on our home page. Our PayPal address is [w1bos@arrl.net](mailto:w1bos@arrl.net).

## **Winter vs. Meetings**

Winter will be here regardless of how many dances you do. This raises the possibility of meeting cancellations due to fierce winter conditions.

Our early warning system: Official announcements will be made – at least by 1700 before scheduled meetings – on the Boston repeater (145.230 MHz) and by a message on [barc-list](mailto:barc-list). Someone will be designated to monitor the repeater for inquiries. Please stay safe by checking before starting out to a meeting in threatening weather.

## **Voice Radio Communications Guide for the Fire Service Is Released**

Hams who wish to keep up on public service communications will find an updated guide useful. The new *Guide for the Fire Service* provides information on communications technology and discusses critical homeland security issues such as SAFECOM, that did not exist when the original manual was first published. It also provides a wide fire service audience with a minimum level of familiarity with basic communications issues, procedures, and human interface. It is available at: <http://tinyurl.com/6lc2p5>.

## **What Are All Those Buttons For?**

You stare at that radio in your hand. You know that the manufacturer put them there for a purpose. You want to talk and listen, change bands and frequencies, adjust this and that, and make the radio do all the tricks you paid for.

Read the manual, of course. Wait a minute – it might as well be written in Sanskrit or Urdu. What now? **The January BARC meeting to the rescue!** We will try to sift through the gibberish and help you get at least the basic operations you need. Note that this meeting is not just for new hams or those with new radios. By helping each other, more people can manage more radio functions for the benefit of all.

To make this work, bring your self, your radio with antenna, the charged battery, remote microphone if used, and the manual. Bring paper to make notes. If you are already familiar with some of the likely radios, we need you to help the confused (most of us).

Our General meetings start at 7:00 pm on the third Thursday of each month at the Salvation Army third floor auditorium. The address is 147 Berkeley St, but the entrance is on Columbus Ave. The nearest **T** stations are Back Bay on the Orange line or Commuter Rail (exit the rear of the station), and Arlington on the Green line. Free parking is available in the adjacent lot. The entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). A map appears on page 7 of this newsletter.

With our meeting structure, the first 30 to 45 minutes will be for any pending business, followed by the main topic of the month. Both portions of the meeting are important.

If you have any ideas about topics that you would like to see presented at future meetings, please feel free to contact one of your officers. Remember – this is *your* club and we are here to help *you* have fun and get the most out of ham radio.

## **Future BARC Meeting Dates**

(Third Thursdays at 7:00 pm)

- 15 January 2009 – General Meeting
- 19 February 2009 – General Meeting
- 5 March 2009 – Quarterly Business Meeting
- 19 March 2009 – General Meeting
- 16 April – General Meeting
- 15 May – General Meeting

Repeaters: 145.230 (-) PL 88.5    447.175 (-) PL 110.9

Simplex: 147.420

## Frequency Change for Canadian Time CHU

-- ARRL Letter, December 19, 2008

After 70 years of broadcasting Canada's official time, the National Research Council's shortwave station CHU will move the frequency for the 7335 kHz transmitter to 7850 kHz. The change went into effect 0000 UTC on January 1, 2009.

Broadcasting 24 hours a day, CHU is a part of NRC's system for disseminating official time throughout Canada. Listeners hear tones to mark the seconds, a voice to announce the time in French and English and digital data to set computers. The atomic clocks at CHU are part of the ensemble of clocks in the time and frequency research laboratories at the National Research Council Canada in Ottawa. The NRC clocks are used in conjunction with clocks in the time laboratories of other countries to construct the internationally accepted scale of time, UTC (Coordinated Universal Time). Time transmissions on 3330 and 14670 kHz are not affected and will continue as before.

In April 2007, the ITU reallocated the 7300-7350 kHz band from the fixed service to the broadcasting service. Since then, the NRC said there has been a lot of interference on the 7335 kHz frequency from many information broadcasters around the world. "CHU listeners in Canada and around the world who have for so long considered the 7335 kHz frequency exclusively for time signals, are very vocal about this interference," said the Technical Officer at the NRC-Institute for National Measurement Standards, who oversees the CHU facility. "We have heard from Amateur Radio operators, watchmakers, astronomers and navigators who use the tones and voice signals. We also received comments from those who use the carrier as a calibration source at a distance for their equipment."

## Boston Center for the Arts Shows Noted QSLs

The BCA is presenting a large scale exhibit featuring QSL cards showcasing the correspondence between Bill Adams (call sign not available), and fellow ham radio operators throughout distant regions of the world between the years of 1925 and 1996.

The QSL cards express their personalities and provide information about how they lived - resulting in an array of international graphics and text from virtually every country in the world. Many of the cards are derived from political entities that no longer exist, such as the USSR, Nazi Germany and colonial Africa. The exhibit also features photos of the W6ANN antenna farm, similar to the array used to transmit these signals across the world along with a log book chronicling the communications.

This exhibit runs until 15 February 2009 at the BCA, 527-551 Tremont St, South End, Boston. The BCA presents exciting contemporary works by established and emerging local, regional, national and international visual artists. For further information, go to: [www.bcaonline.org](http://www.bcaonline.org).

## Officers Needed

**President** (vacant)  
**Secretary** (vacant)

**Repeaters: 145.230 (-) PL 88.5      447.175 (-) PL 110.9**

## 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 2009, we have already been asked to help with two events. Feel free to contact Bob Salow, WA1IDA, if you have any questions - [wa1ida@arrl.net](mailto:wa1ida@arrl.net) or 508.650.9440.

- *Multiple Sclerosis Journey of Hope* - **4 April 2009** - (Newton)
- *Multiple Sclerosis Boston Walk* - **5 April 2009** - (Boston and Cambridge)

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.

## New EMA Section Manager Announces Staff

Mike Nielsen, W1MPN, newly elected ARRL Section Manager for Eastern Massachusetts, has announced his appointments for his staff officials. All positions are effective 1 January 2009.

- Asst Section Manager, Chief of Staff; Carl Aveni, N1FY
- Asst Section Manager, Emergency Communication Liaison to ARRL/NWS/SKYWARN; Rob Macedo, KD1CY
- Asst Section Manager, Member Communications; Phil Temples, K9HI
- Section Emergency Coordinator (SEC); Rob Macedo, KD1CY
- Official Observer Coordinator (OOC); Mike Goldberg, K1LJN
- Section Traffic Manager (STM); Jim Ward, N1LKJ
- State Government Liaison (SGL); Shawn O'Donnell, K3HI
- Public Information Coordinator (PIC); Bob Salow, WA1IDA
- Affiliated Club Coordinator (ACC); Bo Budinger, WA1QYM
- Technical Coordinator (TC); Bob DeMatia, K1IW
- Staff Event Liaison; Bruce Pigott, KC1US

Additional staff appointments are planned for the coming year.

## For Sale

WWII Japanese military 12V hand-crank generator (complete but no output; armature appears to need remagnetizing). Photos on request. Probably worth serious \$\$\$, but will trade for shiny baubles in the form of a pair of ARC-5 / SCR-274 receivers in decent condition covering 3-6 and 6-9.1 MHz.

Contact: Steve Hersey, [n1xnx@arrl.net](mailto:n1xnx@arrl.net) .

**Simplex: 147.420**

## KB1OKP Named BARC Ham of the Year

-- Bob Salow, WA1IDA

Tom Bertolino, KB1OKP, was named BARC Ham of the Year for 2008 by membership vote. The presentation of a plaque was made at the Holiday Party on 11 December.

In the few years Tom has been a member of the club, he has risen to the occasion when help was needed, and he then did the task with excellence. He is presently Vice President and a member of our VE team. Hearty congratulations and our thanks to Tom.

## Newsletter Needs Folding

When this newsletter has an insert it takes a little more effort to publish. What do we do? We have a party! The February issue will contain the Membership Information form for 2009, so we will party and get the job done easily and quickly. Actually, the process is to eat, fold, staple, label and stamp.

The party is *usually* on the Wednesday after the first Thursday of the month. We meet at the CambridgeSide Galleria in the Food Court lower level. If you want to eat, get there at 1800; if you don't, arrive at 1830. If you can help, send an email to Tom at [kb1okp@arrrl.net](mailto:kb1okp@arrrl.net) and you will be notified as the date approaches.

## Have Breakfast With BARC

**NOTE: Beginning January 2009, the breakfast date has been changed to the *third* Sunday of each month.**

BARC now holds a social breakfast on the **third** Sunday of each month at the Old Country Buffet in the Watertown Mall. Breakfast is served from 0800 to 1130 (although we rarely stay beyond 1000).

We just get together, socialize and eat, without any formal club events or business. Family and friends are welcome. The extensive buffet breakfast is *very* good. The cost is reasonable (seniors get a discount).

The Old Country Buffet is in the Watertown Mall, 550 Arsenal St. in Watertown. There is plenty of parking. From Memorial Dr, continue on Greenough Blvd to the Watertown exit, turn right on Arsenal St. The #70 T bus from Central Square Cambridge to Watertown Square to Waltham stops right at the Watertown Mall. We hope to see all of you there – and bring your appetite!

## Videos on How To Install PL-259

The most common connector for mating the radio to the antenna cable is the PL-259 type. Short videos are available showing how to install a PL-259 on coax cable.

For RG-8X coax, go to:  
[www.youtube.com/watch?v=pzxxjzma-ie&feature=related](http://www.youtube.com/watch?v=pzxxjzma-ie&feature=related).

For RG-213 coax, go to:  
[www.youtube.com/watch?v=n1naba6ymoi](http://www.youtube.com/watch?v=n1naba6ymoi).

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I'd give my right arm to be ambidextrous.

**Repeaters: 145.230 (-) PL 88.5    447.175 (-) PL 110.9**

## You Got Badges

Delays no more! Every current BARC member will now have a new badge. Thanks to the leadership of Tom, KB1OKP, and the support of Mike, N1IST, and Bob, WA1IDA, a new design has been produced on a laminated badge. Get yours by coming to any BARC meeting; the badges and clips will be ready.

## For the New Year

-- Adapted from KB6NU

My original two front teeth are still hanging around after all these Christmases, so let's see what this new year *could* bring us.

- More sunspots.
- The median age for ham radio operators to actually decrease. This means not only recruiting kids, but also younger adults.
- Reversing the pessimists who are continually talking down ham radio to find new joy in the hobby and begin working to make it great.
- The FCC to appoint someone as effective as Riley Hollingsworth to take over as the enforcer of the Amateur Radio Service regulations.
- The FCC paying a little more attention to Amateur Radio regulations and not treat them as an afterthought.
- Cut out the silliness on 75m phone and 14.275 MHz - go QRT.
- The ARRL to work harder on making itself truly the "National Association for Amateur Radio" and on increasing the percentage of licensed hams that are ARRL members.
- Ham radio clubs to grow and thrive even in these tough economic times.

To be able to brag about all of ham radio's "purposes," not only providing emergency and public service communications. Part 97 says we must:

- Advance the state of the radio art
- Improve our technical and operating skills
- Expand the number of trained operators, technicians, and electronics experts
- Enhance international goodwill

## Quarterly Business Meetings

-- Bob Salow, WA1IDA

We have Business meetings quarterly rather than monthly as in the past. 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 5 March 2009. 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.

To provide continuity of club business between meetings we 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 any officer.

**Simplex: 147.420**

## 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 the Pierce School, 50 School St in Brookline, Room 110, next to the cafeteria. A map is shown on page 7.

If the Brookline Public Schools (or the Pierce School itself) is closed due to inclement weather or other problems, the exam session for that month will be canceled.

There is a free parking garage at the circular driveway. If driving, enter School St from the Washington St side (opposite 394 Washington), rather than from Harvard St. Check: [www.barc.org/barc/school\\_map.gif](http://www.barc.org/barc/school_map.gif) : for more info.

For those traveling via the **T**, take the "D" branch of the Green Line to the Brookline Village station. Walk north along Harvard St 0.2 miles to School St, then turn left. The Pierce School is on the left. The #66 bus runs on Harvard St, crossing School St.

Talk in on 145.230 MHz (-), PL 88.5 Hz.

We give all exams (Technician, General, and Extra). 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 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)
- Written tests can be taken sequentially at the same session for the same \$14 fee.

**NOTE: Beginning in January 2009, the exam fee has been raised to \$15.00.**

The needed FCC forms will be provided.

For further information, contact:

Jim Clogher, N1ICN, 617.364.4658 [n1icn@arrl.net](mailto:n1icn@arrl.net)  
Tom Bertolino, KB1OKP, 781.395.5538 [kb1okp@arrl.net](mailto:kb1okp@arrl.net)

## Future Exam Dates

(Second Mondays at 7:00 pm)

12 January 2009  
9 February 2009  
9 March 2009  
13 April 2009  
11 May 2009

## 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 Editor Paul Carter, N1TMF.

## SKYWARN Recognition Day 2008

-- Mark Duff, KB1EKN

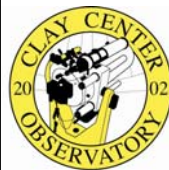
On 6 December, for the sixth consecutive year, BARC participated in SKYWARN Recognition Day from the Blue Hill Observatory in Milton MA. The Blue Hill Observatory has the distinction of having the oldest continuous weather records in North America and is known in weather circles as the "Home of the Nation's Oldest Weather." The weather was clear, windy and cold with excellent visibility at the summit of Great Blue Hill. There was no emergency, no contest, no great public service provided, but we had fun! That's what SKYWARN Recognition Day provides - *FUN*. Low stress contacts with other hams, some interested in SKYWARN, some just interested in being hams.

Set up was done Friday morning and early Saturday morning. We operated as W1BOS/MQE through mid- afternoon. The 700-foot elevation (with downward sloping sides) probably gave us a boost, but the HF band conditions were poor in the morning and brighter in the afternoon. A total of 86 HF QSOs were made in six hours of operation, including 12 to official NWS participating stations across the US.

The call sign "MQE" was assigned to this weather station for its reports in the early part of the 20th century, so it was added to our call for the event. The Observatory is a private organization, not part of the National Weather Service; its records and observations are a valuable part of the meteorological picture for this area.

We and the kite expert at BHO planned to loft an antenna by kite, but the wind was too light (somewhat unusual for this location). A few years ago the plan was canceled in winds of over 50 miles per hour.

A special thanks goes out to the staff of the Blue Hill Science Center who welcomed us. Their cooperation and dedication to all phases of weather and weather reporting is second to none! We look forward to continuing our relationship with them.



**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*

Why do toasters always have a setting that burns the toast to a horrible crisp, which no decent human being would eat?

I've reached the age where the happy hour is a nap.

Half of the people in the world are below average.

Repeaters: 145.230 (-) PL 88.5    447.175 (-) PL 110.9

Simplex: 147.420

## I See the Future

- 15 Jan BARC Monthly General Meeting
- 18 Jan BARC Breakfast
- 9 Feb BARC VE Session
- 14 Feb AARC Flea (Marlboro)
- 15 Feb BARC Breakfast
- 19 Feb BARC Monthly General Meeting
- 5 Mar BARC Quarterly Business Meeting
- 7 Mar MTARA Flea (Feeding Hills)
- 29 Mar FARA Flea (Framingham)
- 29 Mar CVRC Flea (Henniker NH)
- 4 Apr Multiple Sclerosis – Journey of Hope (Newton) **(Rp)**
- 5 Apr Multiple Sclerosis – Walk (Boston/Cambridge) **(Rp)**
- 18 Apr NE Antique RC (Manchester NH)
- 19 Apr MIT Flea (Cambridge)

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

As you might expect, there are many more events (public service, hamfests, flea markets, etc.) taking place - some only peripheral to ham radio. For information on these, covering New England and some of New York, the "Ham - Electronic Flea Market" and the "PSLIST" lists tell the story. Of course, if you know of an event that would be of interest to the readers, please let the Editor know.

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## 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 upgrades and long lost members who rejoin, so greet them, too.

Kirk Kolenbrander W1FA (new call)

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

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Experience is that marvelous thing that enables you to recognize a mistake when you make it again.

That which does not kill me postpones the inevitable.

## 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. **Note that these rates are effective 1 January 2009.**

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 Paul Carter at [n1tmf@pvetronics.com](mailto:n1tmf@pvetronics.com) or 617.232.6982; or Bob Salow at [walida@arri.net](mailto:walida@arri.net) or 508.650.9440.

## Got a Question? We May Have an Answer

A new (occasional) entry in this newsletter will be a Q&A for you. We will rely on you to ask the questions and we believe another reader will come to your aid with an answer.

When you pose a question, include a means for a direct answer. If you wish to remain anonymous, any answer will appear on these pages. Anyone with a valid answer is asked to provide the Editor with a copy of the answer, including the question code. Send your questions and answers to the Editor, N1TMF, at [n1tmf@pvetronics.com](mailto:n1tmf@pvetronics.com).

## Are You a Little Behind?

You didn't realize it but you got some extra sleep on New Year's Day. The International Earth Rotation and Reference Systems Service (IERS) announced the introduction of a "time step" at the end of December to add a "leap second" as 2009 arrives. Leap seconds are needed to keep clocks in step with Earth's rotation, which varies by several thousandths of a second per day. Slowing down the clocks every year or two keeps them in sync. As 2008 transitions to 2009, Coordinated Universal Time (UTC) will be retarded by 1.0 second. This essentially means that the last minute in 2008 will be 61 seconds long: December 31, 2008, 23:59:59; December 31, 2008, 23:59:60; January 1, 2009, 00:00:00.

This adjustment will affect UTC and all time scales based on UTC. LORAN-C and GPS will not be adjusted physically, however. Times of Coincidence for LORAN-C are available on the Time Service Web Page. For GPS, the leap second correction, contained within the UTC data of the navigation message transmitted by satellites, will change.

**Repeaters: 145.230 (-) PL 88.5    447.175 (-) PL 110.9**

**Simplex: 147.420**

## BARC-Net Net Control Ops Needed

-- Bob Salow, WA1IDA

Joe, W1JF, has been doing a spectacular job as Net Control for our Monday evening net. But sometimes even Joe gets hit with work (ugh) interfering with his ham radio fun. Worse, he doesn't find out about the imposition until the afternoon – only hours before the net. We need potential short notice Net Control operators from among those who usually check into the net.

You may be reluctant to jump into unfamiliar territory, but it's not a burdensome job. Pencil, paper and the steps to follow are all you need. The opening and closing statements are below. Beyond that, just keep track of those who check in, review the week ahead as shown in the newsletter. Then go around the group asking for comment or announcements. Remember – they are your friends and they would make the same mistakes you might make. They wouldn't dare criticize your errors.

Joe rarely misses a net, but you can take up the slack and your fellow hams will appreciate it.

## BARC Net Preamble

>>>>>

Is there 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 Local Time on the 145.230 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 hams 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.

>>>>>

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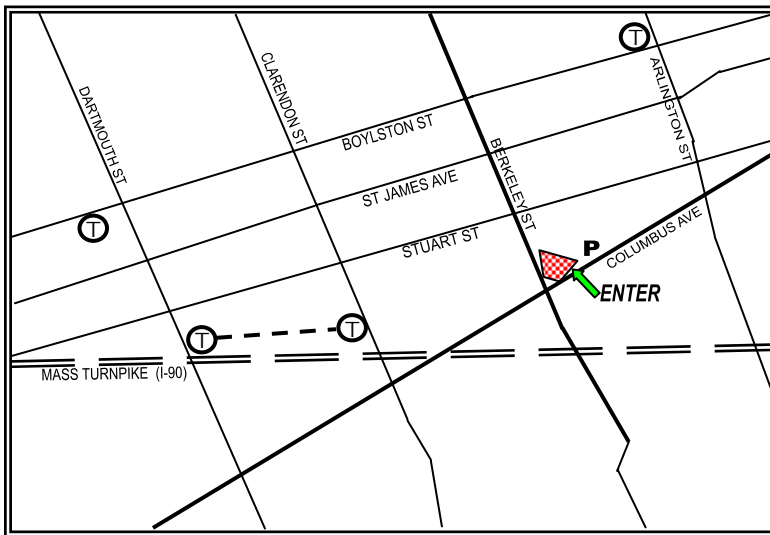
There is no greater joy than soaring high on the wings of your dreams, except maybe the joy of watching a dreamer who has nowhere to land but in the ocean of reality.

## PowerPole Connectors and Tool Available

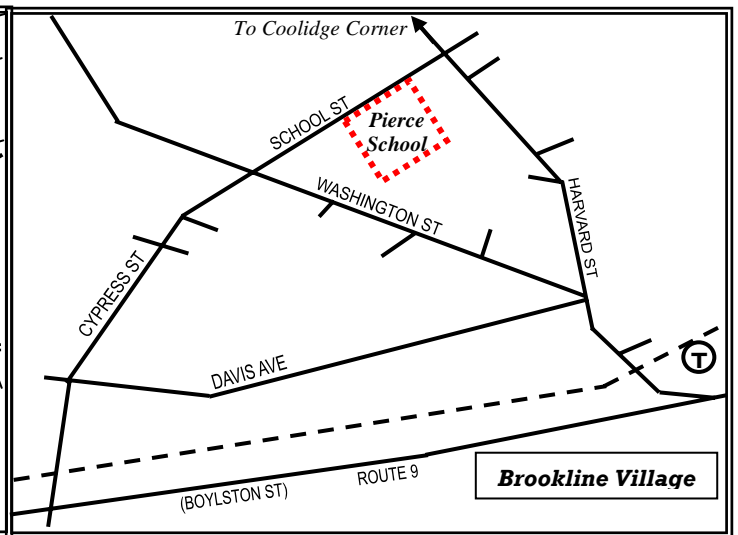
Anderson® PowerPole® connectors are the standard for ARES and most other ham uses. They allow reliable, interchangeable power connections. BARC has the special tool to make the crimped connections. We have a supply of the connector bodies and contacts to enable each member to have two full sets free. Additional connector pairs are \$1/pair.

**Tools and connectors can be available at any meeting for installation, instruction, and assistance.** Contact Bob, WA1IDA, before the meeting and the kit will be brought.





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



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

### BARC Officers and Staff

President	(Vacant)		
Acting President	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Vice President	Tom Bertolino, KB1OKP	781.395.5538	kb1okp@arrl.net
Secretary	(Vacant)		
Acting Secretary	Joe Harris, N1QD	781.844.8684	joseph.harris@comcast.net
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@arrl.net
Volunteer Exams	Jim Clogher, N1ICN	617.364.4658	n1icn@arrl.net
	Tom Bertolino, KB1OKP	781.395.5538	kb1okp@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvcronics.com
Programs & Activities	Phil Temples, K9HI	617.331.0183	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 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.

The Boston Amateur Radio Club publishes *The SPARC* monthly with information in the interest of BARC and Amateur Radio. The design and content are Copyright ©2009, all rights reserved. Permission is hereby granted to reprint or distribute by electronic or other means any material herein, provided this publication and the issue date are credited. Such permission is limited to use for non-commercial purposes for the benefit of the Amateur Radio community. Permission for other purposes must be obtained in writing.

### 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 (-) PL 88.5    447.175 (-) PL 110.9

Simplex: 147.420



# Boston Amateur Radio Club

## MEMBERSHIP INFORMATION - 2009

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 ___ Tech Plus ___ 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 NOTE:</b> To save the club significant costs, you are encouraged to voluntarily receive (and read) our newsletter, <i>The SPARC</i> , online, rather than by postal mail. You will be notified monthly by email to go to a limited access web page where the earliest posting will be available. If you accept this cost saving plan, be sure to indicate above <b>your best email address</b> . E-MAIL <input type="radio"/> POSTAL MAIL <input type="radio"/>
	<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 2009 if paid between Nov 08 to 31 July 09	Half year 2009 if paid between 1 Aug 09 to 31 Oct 09
<b>REGULAR MEMBER:</b> Not otherwise qualified below <input type="checkbox"/>	<b>\$23.00</b>	<b>\$11.50</b>
<b>JUNIOR MEMBER:</b> Are you under age 18? <input type="checkbox"/>	<b>\$12.00</b>	<b>\$ 6.00</b>
<b>SENIOR MEMBER:</b> Are you over age 64? <input type="checkbox"/>	<b>\$12.00</b>	<b>\$ 6.00</b>
<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.	<b>\$12.00</b>	<b>\$ 6.00</b>

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

Total \$

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

©BARC

<ul style="list-style-type: none"> <li>➤ Welcome to the Boston Amateur Radio Club! 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



## ***BAFFLED BY YOUR RADIO BUTTONS?***

Staring at your radio does not explain what those buttons and knobs make it do. The manufacturer put them there and the manual is still a mystery. Practical help is what you need. At the BARC January meeting you can get some assistance. Bring your hand held radio and its manual and we will try to help you get on the air.

*The next Meeting is:*  
**Thursday, 15 January 2009 at 7:00 pm**  
**at the Salvation Army Headquarters building**  
**Columbus Avenue at Berkeley Street**  
**Boston**  
*Parking in the adjacent lot on Columbus Avenue*  
*Talk-in on 145.230 MHz (CTCSS 88.5 Hz)*

***Help eradicate blank space!***

**Get your news, views, stories and other contributions for the February issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than February 6, 2009.**

***First Class Mail***  
Dated Material ~ Do Not Delay

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