



# **The SPARC**

Newsletter of the Boston Amateur Radio Club

Volume XX, Number 2; February 2008

<http://www.barc.org>

w1bos@arrl.net



## **Ramblings and Rumbings**

-- Bob Salow, WA1IDA, President

If you weren't there, you should have been. At the January General meeting the members who were there went home with a performing VHF/UHF antenna that they made in minutes *with their own hands*. What was actually more important was the genuine camaraderie evident in the room. It worked because some people had never soldered before, some had never even cut a wire before, some were experienced and helped the others. The action was fun, the incidental learning was fun.

The above program was sparked by Vice President, Eric, K1NUN. We owe him thanks for a well planned and executed project.

You will find more use of the word "fun" in these pages. What is a hobby for, if not to have fun. We are more fortunate to enjoy a hobby that enables service as well. The enormous variety within ham radio can also be expanded to help others. And we can have fun doing it all.

There used to be an organization in upstate New York that critiqued ham club newsletters. Some years ago they offered us some compliments and a few suggestions for improvement. We exchange newsletters with several clubs locally and around the country, and our *The SPARC* compares favorably. But now we have to rely on you, the readers. Are you getting what you want and need from this newsletter? Is the information easy to read and digest? Please let me know what you like and don't like.

Of course, this message is addressed only to those who read this. If you know someone who receives this newsletter and puts it aside, find out why and ask them to get back to me.

## **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. Someone will be designated to monitor the repeater for inquiries. Please stay safe by checking before starting out to a meeting in threatening weather.

---

If you're in a vehicle going the speed of light, what happens when you turn on the headlights?

How do you get off a non-stop flight?

## **What About Winlink 2000?**

At our February General meeting Phil McNamara, N1XTB, will help us understand and get on the air with Winlink 2000. He will explain the pieces of the *WL2K system* and how it fits in as a "tool in the toolbox" for emergency communications. Phil will also introduce Airmail, the most popular Windows-based email client software program to send and receive email via the *WL2K* system.

Winlink 2000 provides a full-featured radio digital message transfer system, *worldwide*. Email transfer with attachments, position reporting, graphic or text-based weather bulletins, and emergency communications are now available by linking radio to the Internet.

For the Amateur service, whether on the high seas, jungles of a remote region, or traveling in an RV, have the ability to provide their family and friends with the state of their safety and well-being along with the joys of their travels. Mobile users may post their positions on a map and gain access to a host of global text-based and graphic weather information and other helpful material whenever or wherever they need it. The Winlink 2000 system is also utilized for emergency communications where local or regional communications are disrupted, including the loss of the Internet, and where accuracy of information is paramount.

The BARC February General meeting will be held on Thursday, February 21. The meeting starts at 7:30 pm, but the doors open at 7:00 for a social half hour beforehand.

Our meetings are held at the Newton Police Headquarters, 1321 Washington St, West Newton, MA. There is ample nearby parking and the location is handicap accessible. Talk-in is available on 145.230 [-], CTCSS 88.5.

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

## **Future General Meeting Dates**

(Third Thursdays at 7:30 pm)

21 February 2008

20 March 2008

17 April 2008

15 May 2008

19 June 2008

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

**Simplex: 147.42**

18 September 2008

## Boston Marathon Recruiting

-- Bob DeMattia, K1IW

The Marathon Amateur Radio Communications (MARC) consortium is looking for ham radio operators to assist at the 2008 Boston Marathon. The Marathon is held annually on Patriots Day, Monday, April 21.

We need people to provide communications support in three areas:

- ◆ START LINE (Hopkinton) - Runner and observer safety and security; parking lots, VIP escorts
- ◆ COURSE (Hopkinton to Boston) - First Aid and Water stations coordination
- ◆ FINISH LINE (Boston) - First Aid, safety and security

If you are interested in any of these positions, please visit the MARC website to sign up: <http://marc.amateur-radio.net>.

## Antenna Kits Available

Kits of parts for the roll-up twin-lead J-Pole VHF/UHF antennas made at the January General meeting are available at no cost for members. Instructions are included, but tools (minimal) and soldering are up to you. Contact Eric, K1NUN at [k1nun@netscape.net](mailto:k1nun@netscape.net).

## N1ADF SK

We have recently received information that Bud MacCollum, N1ADF, had died last September. Bud was a long-time member of BARC and had assisted at a number of public service events.

## Field Day? It's Only Four Months Away

No, no, it is not too early to start planning for Field Day 2008. Start by thinking about how our 2007 Field Day went. The club shifted our philosophy to a limited contribution, but open to all. We had compact HF stations, antennas and generators. Anyone could join the club activity by providing their own station facilities – and they did.

The result was a resounding success. We set up, operated, and tore down with ease – and had **fun** doing it. At the February Business meeting we decided to do it again. Larz Anderson Park in Brookline is the place; 28-29 June is the weekend.

The fun is yours for the taking. We will be discussing it at Business meetings and at planning meetings to be announced. Bring your ideas, or just say you want to be there – to see, to learn, to try, or maybe to see how other people have fun.

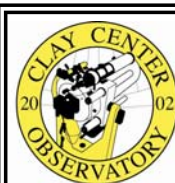
## It's Membership Renewal Time

-- 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

2008, the Membership Information form for 2008 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. You can complete the form online (at our website) and use PayPal or your mailed check. Or you can fill out the 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).



## 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*

## I See the Future

16 Feb	AARC Flea (Marlboro)
17 Feb	Antique Radio Flea (Westford)
21 Feb	BARC General Meeting
23 Feb	RANV Flea (Milton VT)
6 Mar	BARC Business Meeting
8 Mar	MTARA Flea (Feeding Hills)
9 Mar	BARC Breakfast
10 Mar	BARC VE Exams
20 Mar	BARC General Meeting
30 Mar	CVRC Flea (Henniker NH)
5 Apr	Multiple Sclerosis - Journey of Hope <b>(Rp)</b>
5 Apr	IRS Flea (Londonderry NH)
6 Apr	FARA Flea (Framingham)
13 Apr	Multiple Sclerosis – Boston Walk <b>(Rp)</b>
20 Apr	US Women's Olympic Marathon Trials <b>(Rp)</b>
20 Apr	MIT Flea (Cambridge)
27 Apr	Run of the Charles <b>(Rp)</b>
2-3 May	NEAR-Fest Flea (Deerfield NH)
18 May	MIT Flea (Cambridge)
8 Jun	Bikes Not Bombs – 3 Bike Rides
22-24 Aug	ARRL NE Div Convention (Boxboro)

**(Rp)** = BARC 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. If needed, contact any club member who has access to these.

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

Simplex: 147.42

Why is a slim chance not the opposite of a fat chance?

## Hams Needed - Two Multiple Sclerosis Walks

-- Bob Salow, WA1IDA

The Multiple Sclerosis Society has again organized two local events this year, but no longer on the same day. The "Boston MS Walk" will be on **Sunday, 13 April**, organized as it has been for the past couple of years. The "MS Journey of Hope," formerly from Wellesley to Boston, will start and finish in Newton with a shorter route in Newton and nearby towns on **Saturday, 5 April**.

We have been asked to support communications for both. The "Boston MS Walk" will start and finish at the Harvard athletic facility on North Harvard St near Soldiers Field Rd in Brighton. The route of the walk will be on both sides of the river in Cambridge and Boston.

The "MS Journey of Hope" starts and finishes at Newton South High School with a 7.5 mile course. There will be several checkpoints, vehicles and medical coverage for us to support.

Each will be managed by a Net Control station, using both VHF and UHF repeaters. Your help is vital for these worthy causes. If you can lend a hand, contact Bob, WA1IDA at [walida@arrl.net](mailto:walida@arrl.net) or 508.650.9440.

## 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 protect the health and safety of event participants, support worthy charities, learn to work within an organized effort, experience the technical aspects of operating under adverse conditions, and 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. Here is a look ahead at events in 2008 that we have been asked to support. Formal recruiting will not take place until closer to each event. Feel free to contact Bob Salow, WA1IDA, if you have any questions - [walida@arrl.net](mailto:walida@arrl.net) or 508.650.9440.

- *MS Journey of Hope* – **5 April 2008** – Newton
- *MS Boston Walk* – **13 April 2008** – Boston and Cambridge
- *Women's Olympic Marathon Trials* – **20 April 2008** – Boston and Cambridge
- *Run of the Charles Canoe Races* - **27 April 2008** – Charles River - Needham to Boston
- *Bikes Not Bombs Bike Ride* - **8 June 2008** - Boston, Southern suburbs
- *BAA Half Marathon* - **12 October 2008** - Boston

Be a part of the action. Join in the fun and learning.

## Hams Needed - Women's Olympic Marathon Trials

-- Bob Salow, WA1IDA

As you may know, Boston has been awarded the 2008 US Women's Olympic Marathon Trials. The top contenders for the US Marathon Team will be here on **Sunday, 20 April**. We have been asked to provide safety and administrative communications for this national event.

Yes, that's the day before the Boston Marathon. The event is also being managed by the Boston Athletic Association (BAA) and there should be little logistical conflict.

The 26.2 mile course is several laps around downtown Boston and Cambridge, ending at the Boston Marathon finish line on Boylston St. Since these runners are the fastest of the fast, the field should be complete within the morning. Our support has been requested but this should not affect preparations for the Marathon the next day. If you can assist, please mark your calendar and let me know. Nationwide eyes will be on this one.

Contact Bob, WA1IDA, at [walida@arrl.net](mailto:walida@arrl.net) or 508.650.9440.

## You Can Do the ARRL International DX Contest

-- ARRL Letter, 8 February 2008

A lot of us former Technicians have upgraded to General without much trouble. Now it's time to use the new privileges to work some DX. The ARRL International DX Contest is coming up! This is one of the ARRL's oldest operating events, going back to the days of the International Relay Party in 1928.

The objective is simple: See how many different stations you can contact in as many different geographical entities as possible. US and Canadian stations try to work different DX countries, while DX stations try to work US states and Canadian provinces. For this contest, Alaska, Hawaii and all US possessions and territories are considered DX. US/Canadians send a signal report and their state or province; DX stations send a signal report and their transmit power.

You don't need a big station to compete. With so many stations on the air, you can work with 100 W and a simple dipole or vertical antenna. Many contesters will be traveling to foreign locales to participate, so listen for lots of good DX countries on the bands. The ARRL will once again be offering participation pins for those who make more than 100 QSOs in the event. Pins are \$7 (including shipping) and are a nice memento of your achievement in the contest.

The Phone portion of the contest runs from 0000 UTC Saturday, March 1 until 2400 UTC Sunday, March 2. Complete rules can be found online at [www.arrl.org/contests](http://www.arrl.org/contests). If you are new to the ARRL DX Contests, look for a primer on the event by ARRL Contest Branch Manager Sean Kutzko, KX9X, in the Radiosport area of the March issue of *QST*.

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

Simplex: 147.42

## What Price Freedom? What Price Radio?

-- Eric Falkof, K1NUN

What makes a Massachusetts ham spend hours researching a radio for his or her mobile station, hundreds of dollars to buy it, hours installing it, but won't spend fifteen minutes writing a letter that ensures the ability to use it while driving?

Recently we were alerted to House Bill 4477 that would have made it illegal to pick up a microphone of a "mobile telephone" - that is, a device that "...include[s], but [is] not limited to, a mobile telephone utilizing cellular, analog, satellite, wireless or digital telephone technology, and capable of sending or receiving telephone communications" while driving. Although the bill is focused on text messaging while driving, it painted with a broad brush. Unfortunate accidents took too many lives while people were distracted using their cell phones. Now, caught in the net and subject to the immediate pressure to respond to public pressure, our legislature proposed a law saying anyone who drives while using a device capable of communications is breaking the law unless said person uses a hands-free device. So far, you'd think it is strictly cell phone users. But no, the bill grabbed anyone who had a device capable of voice transmission. Any device!

Of course, public service personnel are exempted, as are a limited few others that includes citizens band and some commercial two-way radio users. Say what? Citizens Band operators are exempted! Hey, look at the original wording of the bill: "...except that a person may operate a motor vehicle while using a Citizens Band radio or mobile telephone as long as one hand remains on the steering wheel at all times". That's it, just go to a store, plunk down \$39, and you can talk on the radio while driving. But a license-holding ham, whether engaged in community service work or not, is breaking the law if he or she picks up the mike to talk.

How's that for your hours of study, more hours of research to buy and install a radio, and hundreds of dollars for that radio to boot? Are you thinking of your tax dollars at work? Maybe thinking that your representative or senator abandoned you? Well, Bunky, your elected representatives are only aware of your wants and desires if you let them know. They are not clairvoyant.

Now, I said earlier that the bill "would have" had made hams' mobile behavior illegal but it will not. (That is, as of this writing, it will not, but wording that exempts hams has yet to be approved in the state senate.) Apparently, some one or ones were able to gain the ear of influential representatives to educate and clarify our desire, or enough of us wrote them ourselves with the same intent.

The battle is not over just because the skirmish was successful. After all, the mid-'70s hit song, *Convoy*, struck a melodic chord in peoples' hearts and imprinted itself in their brains such that they will forever think all civilian radios are CBs. The price of winning this battle is perpetual vigilance, and this requires a proactive stance of public education and publicity. "We have met the enemy, and it is us," Pogo once said. We are our only defense in our own defense.

Next time you hear of a bill in Congress or some political action, see that as a call to arms to notify your brethren to mobilize the troops. Get out your pens, papers, computers, what have you, and speak out loudly. And get involved in public service and public educational events to prevent wording in bills such as were in H-4477 from ever being penned.

Only then can you freely use that multi-hundred dollar radio in your car.

*(The author actually wrote letters to his representative and senator prior to the rewording of H. 4477 and received a response that the words "mobile telephone" are expected to be replaced by "amateur radio." He believes his letter had an impact.)*

## European Reciprocal Licenses Now Limited to Advanced and Extra Class Licensees

-- ARRL Letter, 8 February 2008

The European CEPT has revised its table of equivalence between FCC amateur licenses and the CEPT license. Effective 4 February 2008, Recommendation T/R 61-01 (as amended) now grants full CEPT privileges *only* to those US citizens who hold an FCC-issued Amateur Extra or Advanced class license. This means that those US licensees who hold a General or Technician license are no longer eligible for full operating privileges in countries where CEPT-reciprocal operation had previously been permitted. US Novice class licensees have had no reciprocal operating privileges under the CEPT provisions.

## Have Breakfast With BARC

BARC holds a social breakfast on the second Sunday of each month at the Old Country Buffet in the Watertown Mall. Breakfast is served from 0800 to 1130.

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!

## Your Personal Ad Could Have Been Here

Are you a depressed BARC member because you have a treasure you must turn to cash and you couldn't make it to the last flea market? Well, cheer up, Bunky! *The SPARC* will run your (non-business) ad for free. Of course, a 10% donation if you sell it (and of course you will) will be cheerfully accepted. Just send your ad to Editor Paul Carter, N1TMF.

---

Money can't buy happiness - but somehow it's more comfortable to cry in a Corvette than in a Yugo.

## BARC Volunteer Exam Sessions

The Boston Amateur Radio Club usually holds monthly VE sessions on the second Monday of each month. Sessions are usually 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 CSCEs you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- **\$14.00** (good for all the tests you take at that session, except for retests)
- Code and written tests can be taken together at the same session for the same \$14 fee.

The needed FCC forms will be provided.

For further information, contact:

Mike Ardai, N1IST, 781.321.7939 [n1ist@arrl.net](mailto:n1ist@arrl.net)  
Dick Doherty, KA1TUZ, 617.527.2968 [ka1tuz@arrl.net](mailto:ka1tuz@arrl.net)

## Future Exam Dates

(Second Mondays at 7:00 pm)

10 March 2008  
14 April 2008  
12 May 2008  
9 June 2008  
8 September 2008

If Brookline schools are closed, the VE exams will be canceled.

## Minutes of the BARC Business Meeting

7 February 2008; Recorded by Paul Olivieri, N1ZKR, Secretary

The meeting was called to order at 1939. Attending were:

Bob Salow	WA1IDA	President
Hank Buccigross	K1QK	
Tom Bertolino	KB1OKP	
Paul Olivieri	N1ZKR	Secretary

Eric Falkof	K1NUN	Vice President
Jim Clogher	N1ICN	Treasurer

*Committee reports -*

Treasurer Jim reports a balance of \$3865.70 in the checking account.

Repeater Concerns have been expressed about the status of the 447.175 repeater regarding PavePaws, and compliance with any directions or recommendations received from the ARRL and/or Federal authorities.

Public Service Bob noted many upcoming events requesting ham support for 2008. They will be listed in *The SPARC*.

*Other business -*

The February General Meeting will feature Phil McNamara, N1XTB, who will speak about WinLink 2000.

Discussions are still ongoing about a joint meeting with the Wellesley ARS. We will try to find a mutually agreeable date and location.

Asset insurance - we will investigate the steps necessary and the cost to insure all of BARC's equipment.

Zola Center - We are moving forward with plans to begin the Technician course that will be held at the Zola Center in Newton.

Field Day - It was agreed that we should make plans to hold a Field Day event in June again this year. We discussed the general plan and agreed that the style and scope should be similar to our 2007 Field Day.

There being no further business, the meeting adjourned at 2146.

\*\*\*\*

The Business meeting is where the real business of BARC is conducted. If you have any suggestions, questions or comments, this is where to bring them. **All members are welcome (and encouraged) to attend these meetings.**

The next Business meeting will be held Thursday, 6 March 2008 (first Thursday of the month), starting at **7:30 pm**. Meetings are held at the **Newton Police Headquarters**, 1321 Washington St, West Newton which is handicap accessible. There is ample parking on-the street and in nearby public lots. Maps appear on page 7 of this newsletter.

Talk-in is available on 145.230 MHz [ - ], CTCSS 88.5 Hz.

## Future Business Meeting Dates

(First Thursday at 7:30 pm)

6 Mar 2008  
3 Apr 2008  
1 May 2008  
5 June 2008  
3 July 2008  
7 August 2008

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

**Simplex: 147.42**

## Net Control Ops Needed for *BARC-Net*

Joe, W1JJF, 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 a short notice Net Control 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. Arthur, N1NHZ, is compiling a roster of those willing to fill in if available. They would then be notified if Joe cannot make it. Arthur can be reached at [n1nhz@arrl.net](mailto:n1nhz@arrl.net) or 617.661.2988.

## BARC Net Preamble

Any further business for the repeater before we begin the Boston Amateur Radio Club Net? This is <<YOUR CALL>>.

Calling the Boston Amateur Radio Club Net. This is <<YOUR CALL>>, my name is <<YOUR NAME>> and I am located in <<YOUR TOWN>>. This net meets each Monday evening at 9 pm Eastern Time on the 145.230 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 amateurs are welcome to join the net. Any checkins for the Boston Amateur Radio Club Net please call now.

\*~\*~\* [Compile the list of the checkins and proceed with the net.]

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.

## Pay For Your Membership On-Line

-- Mike Ardai, N1IST

BARC accepts PayPal. If you fill out your membership on-line, just go to [www.barc.org/membership.html](http://www.barc.org/membership.html). You can use this to pay for membership or make donations (even if you do not have a PayPal account). Our PayPal address is [w1bos@arrl.net](mailto:w1bos@arrl.net).

## 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.

Jim Hackett	Upgrade to Extra
Steve Hazam	K1HZM

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: [w1ida@arrl.net](mailto:w1ida@arrl.net).

## 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).

## Your Company 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.

Rates for display advertising are:

1 col x 2 in. (business card)	\$10 per issue
1 col x 2 in. (business card)	\$50 per 6 consecutive months
1 col x 2 in. (business card)	\$90 per 12 consecutive months
1 col x 4 in. (1/2 column)	\$20 per issue
1 col x 9.5 in. (full column)	\$40 per issue

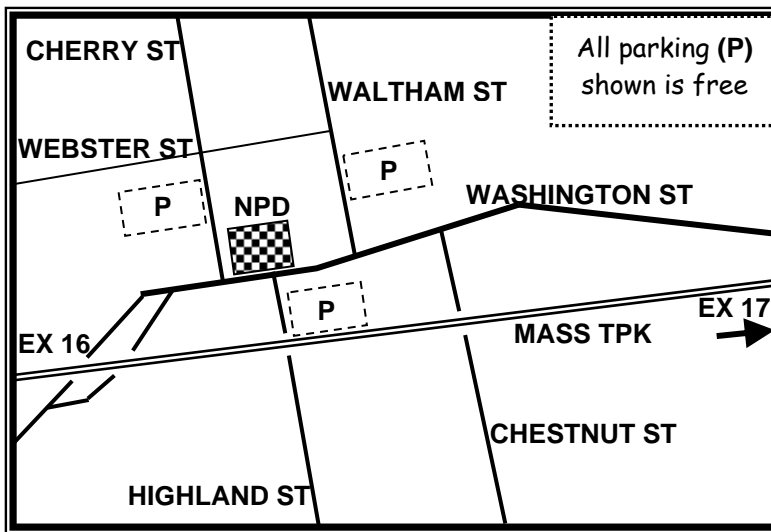
Originals of ads must be presented to the Editor in MS Word or .jpg format to print 1:1. Other composition will be at extra cost. We will be glad to quote other ad sizes and durations.

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

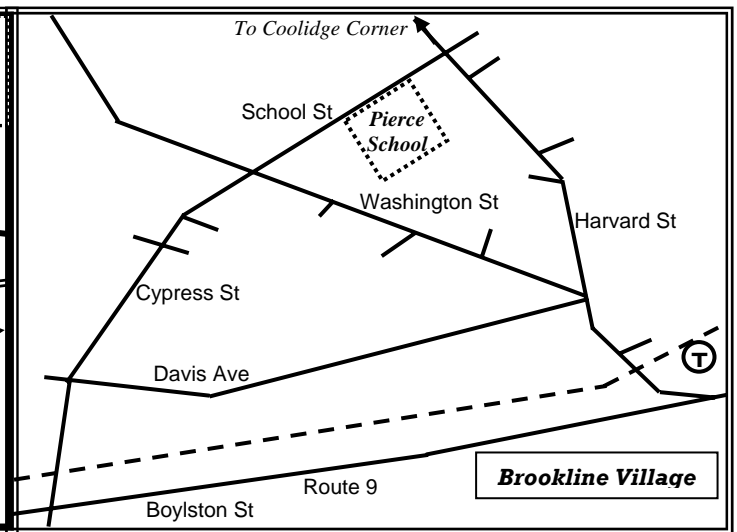
For additional information, contact Paul Carter at [n1tmf@pvetronics.com](mailto:n1tmf@pvetronics.com) or 617.232.6982; or Bob Salow at [w1ida@arrl.net](mailto:w1ida@arrl.net) or 508.650.9440.

---

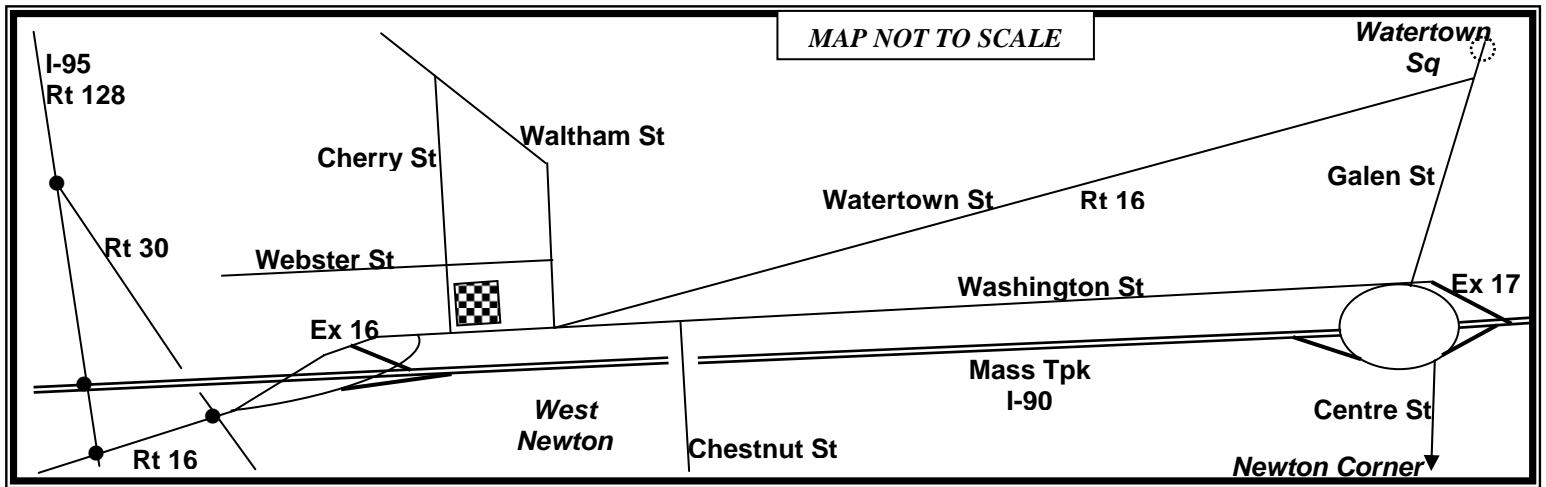
"The most remarkable thing about my mother is that for thirty years she served the family nothing but leftovers. The original meal has never been found." – *Calvin Trillin*



*BARC Meeting Location  
Newton Police Dept., 1321 Washington St., West Newton*



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



### BARC Officers and Staff

President	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Vice President	Eric Falkof, K1NUN	508.358.4554	k1nun@netscape.net
Secretary	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@arrl.net
Volunteer Exams	Mike Ar dai, N1IST	781.321.7939	n1ist@arrl.net
	Dick Doherty, KA1TUZ	617.527.2968	ka1tuz@arrl.net
Membership Services	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvctronics.com
Programs & Activities	Eric Falkof, K1NUN	508.358.4554	k1nun@netscape.net
	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 ©2008, 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.

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

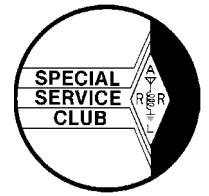
**Simplex: 147.42**



# Boston Amateur Radio Club

## MEMBERSHIP INFORMATION - 2008

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> <input type="checkbox"/> Novice <input type="checkbox"/> Technician <input type="checkbox"/> Tech Plus <input type="checkbox"/> General <input type="checkbox"/> Advanced <input type="checkbox"/> Extra <input type="checkbox"/> Former ham <input type="checkbox"/> Not yet a ham	<b>ARRL MEMBERSHIP</b> <input type="checkbox"/> Life <input type="checkbox"/> Annual <input type="checkbox"/> 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"/> OMIT ADDRESS  <input type="checkbox"/> OMIT EVENING PHONE	<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 2008 if paid between Dec 07 to 31 July 08	Half year 2008 if paid between 1 Aug 08 to 30 Nov 08
<b>REGULAR MEMBER:</b> Not otherwise qualified below <input type="checkbox"/>	\$23.00	\$11.50
<b>JUNIOR MEMBER:</b> Are you under age 18? <input type="checkbox"/>	\$12.00	\$ 6.00
<b>SENIOR MEMBER:</b> Are you over age 64? <input type="checkbox"/>	\$12.00	\$ 6.00
<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.	\$12.00	\$ 6.00
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>
--	---

Dues \$ \_\_\_\_\_ Addl \$ \_\_\_\_\_ Recd by \_\_\_\_\_ Date \_\_\_\_\_

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

Gratuitus est per



## **HAM RADIO AND INTERNET MEET AT WINLINK 2000**

Winlink 2000 is a worldwide system for interconnecting radio with the internet. It is a tool for emergency communications, but it has many other benefits for the average ham. Phil McNamara, N1XTB, will help us understand how it works and how you can get involved. He will also introduce the *Airmail* program to send and receive email via this system.

Come to the February General meeting and get the word.

*The next General Meeting is:*  
: **21 February 2008 at 7:30 pm (doors open at 7:00)** :  
: **at the Newton Police Headquarters** :  
: **Community Room** :  
: **1321 Washington Street** :  
: **West Newton** :  
: *Parking in nearby lots* :  
: *Talk-in on 145.230 MHz (CTCSS 88.5 Hz)* :

*Help eradicate blank space!*

**Get your news, views, stories and other contributions for the March issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than March 7, 2008.**

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

**Boston Amateur Radio Club** 0802  
**PO Box 15585**  
**Boston MA 02215-0011**  
**POSTMASTER:**  
*Forwarding Service Requested*