



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XX, Number 5; May 2008
<http://www.barc.org>
w1bos@arrl.net



Ramblings and Rumbings

-- Bob Salow, WA1IDA, President

Changing over to the new club meeting structure of just one meeting a month will take some time to get used to. Of course, club business still exists. Instead of sitting face to face across a table, the Business meeting participants sit alone, facing cyberspace. Using email, the club matters must still be discussed.

There are advantages to the virtual meetings, but ignoring the work is not one of them. The officers, the Executive Committee, and other interested members who had sat face to face are expected to continue to participate. Committee reports, old business, new business, announcements and other subjects still must be laid on the cybertable.

Each month the product is shown to the membership in the newsletter. The first 30 to 45 minutes of the next (General) meeting is devoted to business highlights, announcements and, if necessary, decisions by the general membership (rare).

As I invited last month, any member can join (attend) the virtual Business meeting. Just send me an email and you will be put on the mailing list. BUT – attendance means attention. Come to the meeting and we want (expect) your active participation – please.

BARC Meeting Structure Changes

A reminder that we will have only one meeting a month. At the April Business meeting, we decided to restructure our meeting plan to merge club business into the first 30 to 45 minutes of the “General” meeting and to establish a virtual, ongoing, email “meeting” to manage the club’s business.

We have had two meetings a month for many years and that schedule has served us well. Times are different now, and we believe it is in our interest to change. By holding one structured meeting each month (except July and August) and some other refinements, travel and other costs for members can be reduced. The club itself is in excellent financial condition, but our members must be considered.

Meetings on the third Thursdays will begin at 1930 with a 30 minute period limited to club business. This is followed by a 15 minute transition period with announcements of interest to the general membership. At 2015 the general portion of the meeting will begin with a speaker or other presentation of interest to all.

Still on the calendar will be a summer outing and our Holiday Party in December.

The May Meeting Is Unrestrained

It’s time for us to get to know each other. Radios aside, there is more to our members than what comes out of the little box. With face-to-face contact it is easier to tell if your radio buddy is telling the truth about the time he penetrated the wormhole and talked to Heinrich Hertz on 17 meters.

Bring in your latest project, no matter how simple or complex. Tell everyone how it works or how it almost worked if it hadn’t fried that green part with seven leads.

Our next meeting on **Thursday, 15 May** is for you to express yourself – meet and greet the members. The meeting begins promptly at 7:30 pm with the first 30 to 45 minutes covering announcements and a review of club affairs. After that, it is open to you. We meet at the Newton Police Headquarters, 1321 Washington St, West Newton, MA (map shown on page 7). There is ample nearby parking and the location is handicap accessible. Talk-in is available on 145.230 MHz [-], CTCSS 88.5 Hz.

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 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 BARC Meeting Dates

(Third Thursdays at 7:30 p.m.)

15 May 2008

19 June 2008

(No Meetings in July and August)

18 September 2008

16 October 2008

The Elections Are Coming, The Elections Are Coming

Election of BARC officers will be held at the June meeting. The Nominating Committee will report its recommendations. Jim Clogher, N1ICN, is the Chair of the committee.

The function of the Nominating Committee is to seek out a slate of candidates for officers, but this does not limit any member from being nominated (or self-nomination) in addition to the slate. There is no restriction on any member who wishes to run for office. All members are urged to consider making this contribution to the hams of our community. If you are interested, please come forward.

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

Simplex: 147.42

A Successful Journey for Multiple Sclerosis

-- Bob Salow, WA1IDA

The guideline for walks sponsored by the Multiple Sclerosis Society is "MS stops people from moving." On Saturday, 5 April more than 200 walkers (many more than expected) had rave reviews for the management of the walk and the new venue in Newton. BARC coordinated safety communications support for the MS Journey of Hope with the gratitude of the MS Society.

Assisting were:

Jim	KB1JKJ	Bill	N1RGM
Brenda	KB1MVJ	Paul	KB1MVC
Tom	N1TB	Bob	WA1IDA
Ross	KB1MGD	Kathy	KB1LPW
Ralph	N1LAH	Rick	KB1LYJ

MS Boston Walk a Radio Success

-- Bob Salow, WA1IDA

The day was cloudy and very cool, but more than 1000 walkers plodded on. On Sunday, 13 April, the MS Society Boston Walk was supported by ham radio to and from the Harvard Athletic Facility. Hams were posted at the checkpoint, at the hazardous and confusing locations, and with key sponsor staff members. As in recent years, the Walk also provided experience for new hams to participate in public service events.

Hams participating were:

Arthur	N1NHZ	Bill	KA1MOM
Brenda	KB1MVJ	Bob	WA1IDA
Tom	KB1OKP	Kathy	KB1LPW
Jim	KB1JKJ	Rick	KB1LYJ
Ralph	N1LAH		

The Fastest Women in the Country Ran Here

-- Bob Salow, WA1IDA

The US Olympic Women's Marathon Trials were held in Boston and Cambridge on Sunday, 20 April, and ham radio provided medical and safety communications. An official 26.2 mile marathon course was laid out, finishing at the BAA Boston Marathon Finish Line near Copley Square. This was a rare event with national attention and all went smoothly. Deena Kastor, Magdalena Lewy Boulet, and Blake Russell will represent the US team at the Olympic Games in Beijing on 17 August.

The hams who participated were:

Arthur	N1NHZ	Ed	K1EP
Andy	N1OSG	Tom	KB1KUY
Tom	KB1OKP	Bob	WA1IDA
Ralph	N1LAH	Sandy	KB1HAD
Eric	K1NUN	Kathy	KB1LPW
Chris	K1HU	Rick	KB1LYJ
Nora	KB1OHB		

Support Bingo... Keep grandma off the streets.

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

Run of the Charles Paddled Smoothly

-- Bob Salow, WA1IDA

The Run of the Charles canoe and kayak races was held for the 26th time on Sunday, 27 April. BARC has coordinated ham communications for all but the first.

The event brings out hundreds of canoes, kayaks and over 1000 paddlers from around the country and Canada to glide down the Charles River between Needham and Brighton, sponsored by the Charles River Watershed Association. The river is interrupted numerous times by dams with dangerous consequences. That's where hams come in - along with CRWA volunteers - to monitor the safety of the participants. We supported the portages and the logistics of the event under a gray and very chilly sky.

The hams who helped (and stayed dry) were:

Chris	K1HU	Kathy	KB1LPW
Allan	K1VQ	Erik	N7FYO
Paul	N1LRT	Tom	KB1OKP
Gary	N1ZCE	Jeff	KB1NGX
Dave	W1BWX	Andy	N1OSG
Sandy	KB1HAD	Fred	KB1LLO
Ralph	N1LAH	Mike	N1EVH
Russ	WB1DGS	Chuck	W1SKT
Rick	KB1LYJ	Bob	WA1IDA

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. Here is a general look ahead at some of the events in 2008 that we will be 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 - wa1ida@arrl.net or 508.650.9440.

- *Bikes Not Bombs Bike Ride - 8 June 2008* - Boston, Southern suburbs
- *BAA Half Marathon - 12 October 2008* - 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.

I can rise and shine – just not at the same time.

Simplex: 147.42

BARC Business Notes

Since we no longer have formal business meetings, these notes will take the place of formal minutes. Business - related information in the preceding month will be reported here.

Jim, N1ICN, reports a treasury balance of \$4515.60.

The liability insurance renewal notice has been received and will be paid.

Bob, WA1IDA reports that public service in April has been extensive. All four events received the gratitude of the sponsors involved. Further reports will be published in the newsletter.

John, WN9T, the repeater trustee, says the repeater performance has been good. Upgrades to the VHF repeater will begin shortly.

The Nominating Committee is having difficulty preparing a slate of officers. Members are urged to consider helping the club by running for office.

Our April General meeting was in conjunction with the Wellesley Amateur Radio Society. The program was informative to all who attended.

Preparations for the Technician course at the Zola Center in Newton are moving on schedule. Eight students and two staff are expected. Student disabilities have been reviewed and little impact is expected. Textbooks have been bought.

As Field Day coordinator, Tom, KB1OKP, is gathering plans and materials. He is looking for help to build on our success from last year. Our use of the site at Larz Anderson Park has been authorized by the Town of Brookline.

Arthur, N1NHZ, the Membership Services Chair, recommends reading the editorial in the April issue of *QST*, entitled, "It Takes a Club."

Field Day? It's Less Than Two Months Away

Planning for Field Day 2008 is under way. The club's contribution is limited, but open to all. Like last year, BARC provides compact HF stations, antennas and generators. Anyone can add to the club activity by providing their own station facilities.

The 2007 result was a resounding success and 2008 will stay with that concept. We set up, operated, and tore down with ease – and had **fun** doing it. 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 regular 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. If you have ideas, or just want the experience, contact Field Day Coordinator, Tom Bertolino, KB1OKP, at thbe125@yahoo.com.

They hold elections in November because it's the best time to pick out a turkey.

Basic Emergency Communications Workshop

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

-- Rob Macedo, KD1CY

This workshop will be held on Saturday, 17 May from 0900 to 1600; at Emerson Hospital in Concord, MA It will provide the background and information for Amateur Radio operators when needed to respond to a communications emergency. It will feature an Introduction and Conclusion to Emergency Communications, and five 1-hour training sessions on topics including:

- Overview of Eastern Massachusetts ARES-RACES-SKYWARN programs
- Net operations
- NTS message handling
- Basic overview of the Incident Command System
- Go-Kits

The training will be a worthwhile endeavor not just for emergency communicators but for anyone who is an Amateur Radio operator, and wants to learn more about the service we can provide. There will be a one-hour lunch that will be provided at no coerced cost to any ham who attends the session.

Preregistration is requested but is not required in case anyone would like to attend at the last minute. Please try to preregister by Monday, 12 May, to assure the meeting place is set up properly and that we have enough food and snacks for breaks and lunch. Last minute registrations and walk-ins will be accepted as long as space permits.

Parking, both outdoor and indoor, is available at the hospital for a fee. There is free parking in lots on the north side of Route 2, but crossing the highway can be difficult. There will be talk-in on the Concord repeater, 145.110, (CTCSS 110.9).

For directions, additional information and preregistration, please contact:

NIBDA-Steve Telsey at steve.n1bda@verizon.net
KD1CY-Rob Macedo at rmacedo@rcn.com

SKYWARN Training Schedule

-- Rob Macedo, KD1CY, SKYWARN Coordinator

17 May, Saturday - 1300 to 1600

Boston Museum of Science
Cahner's Theater, Blue Wing Level 2
Boston, MA

Note: Bring Parking Ticket into the building for validation for free parking.

21 May, Wednesday - 1900 to 2200

Worcester Emergency Management Operations Center
50 Skyline Drive
Worcester, MA

See these links for updates as well as the schedules as posted.
www.wx1box.org/mod.php?mod=userpage&menu=8&page_id=1
www.erh.noaa.gov/box/skywarnTraining.shtml

Voting is like choosing your favorite mosquito out of a swarm.

Simplex: 147.42

WA1Z Wins a 2007 New England QSO Party Plaque

Each year, BARC sponsors a plaque to be awarded to the winner of the NEQP Single-Op Mobile category. In the 2007 contest, Bob Raymond, WA1Z, had the best score. He operated in 11 counties through central and southern Maine as N1C/m. The special event call was used to celebrate the 30th anniversary of the Yankee Clipper Contest Club. Congratulations to Bob.

Visit the Clay Center

The MMRA is having a meeting at the Clay Center on 21 May at 7:30 pm. Bob Phinney, K5TEC, Technology Director, and Ron Dantowitz, head of astronomy, put on a good show.

Operated by Dexter and Southfield Schools, the Clay Center for Science and Technology is a state-of-the-art astronomical observatory and learning center. In addition to the observatory's seven research-grade telescopes, this five-story building contains sophisticated computer and science laboratories, a multi-media lecture hall, classrooms, dining, and meeting spaces, and a solar energy roof deck. A ham radio station is outfitted and a van with ham equipment is used on their many field trips in North and South America in support of NASA and other agencies.

Much of the building electricity is provided via solar panels and a wind turbine on the roof. Several repeaters are also located there.

For more info, go to www.claycenter.org/. If you are interested in astronomy, pay particular attention to their public viewing days and Astronomy Day on May 10.

The Clay Center is located at 20 Newton St, in Brookline (near Larz Anderson Park).

Free Foreign Language Courses

Did you know that you can access free foreign language courses online? The Foreign Service Institute offers a variety of learning materials for a range of languages, including Arabic, Chinese, French, German, Hindi, Korean, Russian, and Spanish. Check it out at: www.fsi-language-courses.com/.

Whether you're moving or traveling to a foreign country - or simply enjoy the challenge of learning a new language - take advantage of this resource.

Dump Diver Eric Reports

-- Eric Falkof, K1NUN

I acquired (yet) another HF rig to work with, this one being an Alinco DX70, which will mate with the SGC mobile antenna that found its way to my shack. This antenna is built like (and for) a tank. If all goes as planned, I will merge it with the Kenwood automatic antenna tuner I found at my town dump. In all, a portable Field Day station! There is a wealth of viable, simple to use, and fairly modern equipment available at modest cost. We should not be afraid to look at things that may not be quite as shiny or glitzy as some stuff, but that can still produce a lot of fun for the buck.

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The Clay Center Observatory welcomes BARC members

www.claycenter.org

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

20 Newton St., Brookline, near Larz Anderson Park

Whither the BARC UHF Repeater?

Our 70 cm repeater on 447.175 MHz (-), CTCSS 110.9 Hz, has been reduced in power to accommodate the US Air Force claim of potential interference to the PavePaws radar on Cape Cod. This request, through the FCC and ARRL, applies to all 70 cm repeaters in this area. Since the government has primary use of this band, we must comply.

As expected, the coverage of this repeater has changed significantly, and we want to determine the new conditions. If you are able, try to make a contact on this repeater and note your result. Then please send an email report to w1bos@arrl.net with the following information:

- Your name and call
- Location of test
- Type of radio, antenna and power output
- Could you maintain a contact?
- Quality of received signal

I See the Future

11 May	BARC Breakfast
12 May	BARC VE Session
15 May	BARC Meeting
18 May	MIT Flea (Cambridge)
8 Jun	Bikes Not Bombs – 3 Bike Rides (Rp)
8 Jun	BARC Breakfast
9 Jun	BARC VE Session
15 Jun	MIT Flea (Cambridge)
19 Jun	BARC Meeting
13 Jul	BARC Breakfast
20 Jul	MIT Flea (Cambridge)
10 Aug	BARC Breakfast
17 Aug	MIT Flea (Cambridge)
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. For information on these, covering New England and some of New York, the "Ham - Electronic Flea Market" and the "PSLIST" lists tell the story. They are posted by email to barc-list and on PBBSSs regularly. If needed, contact any club member who has access to these.

Simplex: 147.42

No Electronics Magazines? Think Again

-- Dan Romanchik, KD6NU

Dan, KD6NU, has been writing for years on various ham radio subjects. Much of his material has been published in club newsletters, and he offers his articles to us at no cost. We plan to print some of these from time to time. --Ed.

Many old-time ham radio operators grew up with magazines such as *Popular Electronics*, *Electronics Illustrated*, and *Radio-Electronics*. Sadly, these magazines are gone now, but there are still electronics magazines out there that can help you keep up with what's going on in electronics. These magazines are written for practicing electronics engineers, so many of the articles will not be relevant to Amateur Radio or written in such a way to be nearly incomprehensible to electronics hobbyists, but you can't beat the price... they're free!

The magazines I'm referring to are electronics engineering trade magazines. These magazines are sent out free to electronics engineers and others working in the industry, and are supported by the advertisers. You're not an electronics engineer? Don't worry. If you e-mail me, I'll tell you how you can qualify.

Let me give you an example of the good stuff you can find in these trade magazines. In the December 2007 issue of *High Frequency Electronics* (www.highfrequencyelectronics.com), there is an article titled, "Quartz Crystal Basics." Written by an engineer for a manufacturer of crystals, crystal oscillators, and crystal filters, this article describes how crystals are made and gives some tips on designing your own crystal oscillators.

Also in this issue is the article, "Power Combiners, Impedance Transformers, and Directional Couplers." This is the first of a series of articles to discuss these circuits. Hams frequently use transmission line impedance transformers (think baluns) to match an antenna system to the 50-ohm output of a transceiver.

The new products section includes items on RF parts and test equipment, as well as book reviews. You probably will not be purchasing the new Boonton 9103 7.5 GHz Portable Spectrum Analyzer (\$11,000 and up), but you might be interested in the book *RF Circuit Design* (\$41 at Amazon).

- As you can see, there's plenty of useful and interesting information in these trade magazines. In addition to *High Frequency Electronics*, you may also want to check out:
- *RF Design* (www.rfdesign.com)
- *Microwaves and RF* (www.mwrf.com)
- *EE Times* (www.eetimes.com)
- *EDN* (www.edn.com)
- *Test&Measurement World* (www.tmworld.com). I used to write for this magazine.

If you don't care to sign up for the print version of the magazine, you can always visit their websites and sign up for their e-mail newsletters. These newsletters will keep you informed of new articles and product information on the websites. You can then choose which ones you want to read.

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!

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.

Rob Macedo KD1CY

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: wa1ida@arrl.net.

Awareness of Heart Attack Warning Signs

-- Centers for Disease Control and Prevention

Each year, about 920,000 Americans suffer a heart attack. Of those who die, about half of them die within an hour of the first symptoms and before they ever reach the hospital. The early recognition of heart attack warning signs by victims and bystanders and the immediate action of calling for emergency medical assistance are crucial for timely access to cardiac care, receipt of advanced treatment, and the increased potential for survival.

The warning signs of heart attack are:

- ◆ Pain or discomfort in the jaw, neck or back
- ◆ Feeling weak, lightheaded, or faint
- ◆ Chest pain or discomfort
- ◆ Pain or discomfort in the arms or shoulder
- ◆ Shortness of breath

For more information on the signs and actions of heart attack, visit the CDC Division for Heart Disease and Stroke Prevention website at www.cdc.gov/dhdsp.

When you earnestly believe you can compensate for a lack of skill by doubling your efforts, there's no end to what you can't do.

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 : 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)
- **\$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

Future Exam Dates

(Second Mondays at 7:00 pm)

12 May 2008

9 June 2008

(No Exams in July and August)

8 September 2008

13 October 2008

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

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@pvctronics.com.

You 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@pvctronics.com or 617.232.6982; or Bob Salow at walida@arrl.net or 508.650.9440.

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.

BARC-Net Net Control Ops Needed

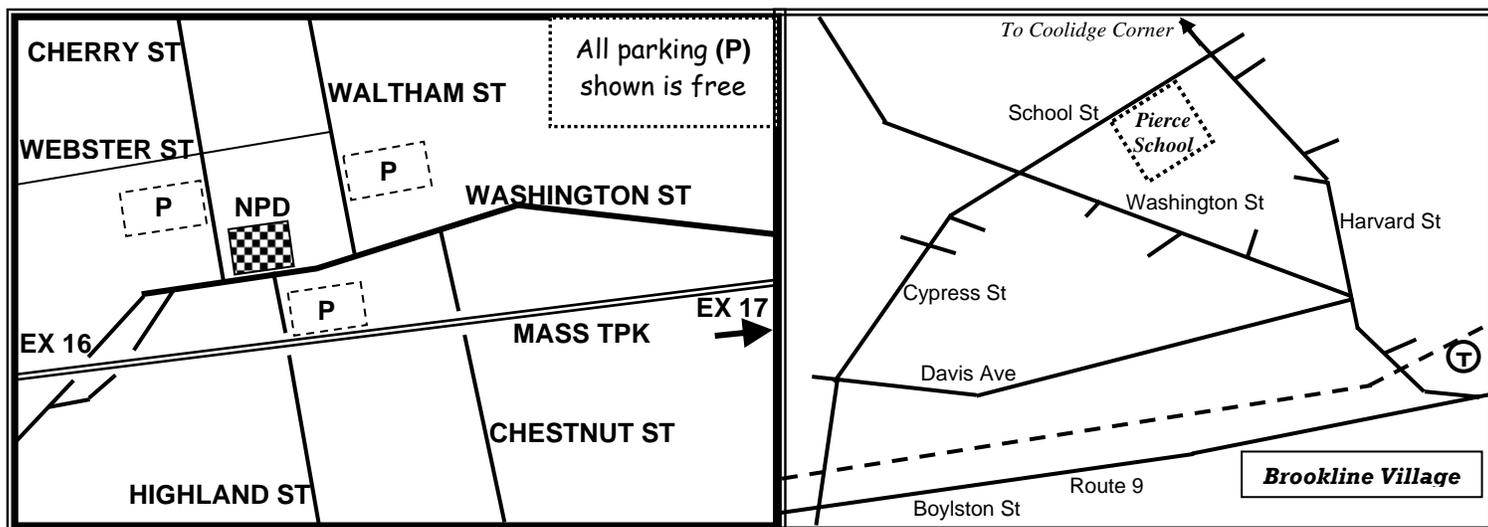
Joe, W1JFF, has been doing a spectacular job as Net Control for our Monday evening net. But sometimes even Joe gets hit with work (ugh) interfering with his ham radio fun. Worse, he doesn't find out about the imposition until the afternoon – only hours before the net. We need a short notice Net Control 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.

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

Simplex: 147.42



*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	wa1ida@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 Ardai, N1IST	781.321.7939	n1ist@arrl.net
Membership Services	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	wa1ida@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.

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

Simplex: 147.42

THIS MEETING IS OPEN TO YOU

It's about time that we had a meet and greet opportunity. Bring your latest project, talk about what you have been doing, or just listen to someone who didn't waste the winter.

Get out of your burrow and come to the May meeting.

The next General Meeting is:
15 May 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 June 6, 2008.

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