



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XIX, Number 9; September 2007

<http://www.barc.org>

w1bos@arrl.net



Ramblings and Rumbings

-- Bob Salow, WA1IDA, President

Look outside – the summer is coming to an end (not quite here, but soon). But for many of us the fall is a new beginning. It was too hot to do much outdoor work, but now the antennas need their autumnal attention. This is true whether you have a tower, mobile or even a hand-held. Check the guys, coax and the connector contacts, too. You don't want to be doing this with frozen fingers.

This is also a good time to consider a new antenna. Some designs and/or installations are better than others – or maybe worse. How will you ever know? Make one, buy one, borrow one... try it, play with it, tweak it. Do it soon so you still have a few weeks to decide and make it permanent.

Here, I've given you some advice but left out the thread below the surface. This is what the club is for. Come to the meetings and meet the members. Some members have loads of experience and knowledge. Some lack same. Sharing benefits the empty without depleting the full. That's a great concept! Use it.

With the resumption of General meetings we are looking forward to interesting programs and activities. Some of them will appear on the schedule, but there are ideas for programs and activities that exist only in your head. Open the spigot to that part of your brain and pass your suggestions to our Program and Activities staff (Phil, K9HI; and Eric, K1NUN). They need your help.

We are making a minor but significant change to our General meeting time. By opening the doors at 7:00 pm we will have some time to meet and greet before the meeting formally starts at 7:30. Sleepy heads and sugar freaks – take note, coffee and donuts are planned.

A Good Time Was Had By All

Nineteen happy people attended the 2007 BARC Picnic on the grounds of the Bare Cove Fire Museum in Hingham. Good food, maximum fun and minimum frolic were the orders of the day. We also had a special tour of the South Shore Model Train Club facility nearby. Much of the success was due to the efforts of Mark Duff, KB1EKN, and Geri Duff, KB1ISG, and our thanks go to them.

Link to Lightning Protection

-- ARES E-Letter, 15 August 2007

Here is a very good Web site on station lightning protection:
<http://members.cox.net/pc-usa/station/ground0.htm>

Neighbors vs. Antenna vs. Space?

In our crowded urban (and even suburban) life, antennas are sometimes frowned upon, questioned, restricted, complained about, or just have no place to go. Your signal has to get out! It's easy to say, "Just be clever about it," but really...

Hams *are* clever, and help is on the way. The experience and knowledge of Eric, K1NUN, is worth absorbing. He will unravel some ways to overcome the stealth needed to get on the air under adverse circumstances.

The BARC September General meeting will be held on **Thursday, 20 September**. The meeting starts at 7:30 pm, but the doors open at 7:00 for a social half hour beforehand. Coffee and donuts should be available.

Our meetings are held at the Newton Police Headquarters, 1321 Washington Street, West Newton, MA. There is ample nearby parking and the location is handicap accessible. Talk-in is available on 145.230 MHz [-] 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 for you. Remember, this is *your* club and we are here to serve *you*.

Future General Meeting Dates

(Third Thursdays at 7:30 pm, **doors open at 7:00**)

20 September 2007

18 October 2007

15 November 2007

13? December 2007 (*Holiday Party*)

17 January 2008

21 February 2008

Another Honor for K9HI

At the BC/Wake Forest football game on Saturday, 1 September, Phil Temples, K9HI, was called down to the field to accept the Massachusetts Community Champions Award. He had already won the 2007 Boston College Service Award for his work with the Courage HandiHam program, but this honor was for the community more broadly. It was sponsored by the Massachusetts Lottery Commission which represents the entire state.

The Boston Amateur Radio Club could not be more proud for one of its members.

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

Simplex: 147.42

Closing Out the Year With 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 2007 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 - walida@arrl.net or 508.650.9440.

➤ **BAA Half Marathon** – 7 October - 13.1 miles; 98% in Boston, 2% in Brookline.

➤ **WGBH Open House (w/Ice Cream)** – 13 & 14 October - Logistics management; ham radio public awareness in Boston.

➤ **SKYWARN Recognition Day** – 1 December – at Blue Hill Observatory, Milton.

Other events may jump in on short notice. Among our skills is the ability to apply our technical, organizational and staffing quickly and proficiently. Join our team and join in the fun and learning.

Minutes of the BARC Business Meeting

6 September 2007; Recorded by Mike, N1IST, Acting Secretary.

The meeting was called to order at 1936.

Those attending:

Mike Ardai	N1IST	
Dick Doherty	KA1TUZ	
Mark Duff	KB1EKN	
Jim Clogher	N1ICN	Treasurer
Hank Buccigross	K1QK	
Tom Bertolino	KB1OKP	
Joe Harris	N1QD	
Eric Falkof	K1NUN	Vice President
Bob Salow	WA1IDA	President

We observed a moment of silence in memory of:

Jenny Bateman
Ken Lind, W1HGS
Paul Cahill
Warren Payne
Luciano Pavarotti

Committee Reports -

Treasurer Jim reports a bank balance of \$3079.92.

Repeater Mike says John, WN9T, went to the repeater site to fix the recent audio problems. We have received further updates from the ARRL on PavePaws mitigation on 447.175

Public Service Bob notes the upcoming schedule:

- ✓ BAA Half Marathon - Sunday, 10/7
- ✓ WGBH Open House - Saturday, 10/13 (10/14 also?)
- ✓ SKYWARN Recognition Day - 12/1

Asset Disposition Eric reported that some surplus BARC gear will be given away or sold at the BARC Picnic.

Other Business -

The Lahey Clinic has expressed an interest in incorporating ham radio into its emergency plan. We will coordinate our experience into an ARES support function.

The BARC Holiday Party will be at the Stockyard Restaurant on 12/13 (if that date is available).

We discussed BARC's support for the Strategic National Stockpile (SNS) exercise to be held later in September.

Phil, K9HI, was honored again for his work with the Courage HandiHam program and the community. An award was presented to him on the field at the BC – Wake Forest football game.

We will open the doors at General meetings at 1900 for social interaction before the usual start at 1930. Coffee and donuts will be available.

There being no further business, the meeting adjourned at 2126.

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, October 4 (first Thursday of the month), starting at **7:30 pm**. Meetings are held at the **Newton Police Headquarters**, 1321 Washington St, West Newton. 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 p.m.)

4 Oct 2007
1 Nov 2007
6 Dec 2007
3 Jan 2008
7 Feb 2008
6 Mar 2008

When authorities warn you of the sinfulness of sex, there is an important lesson to be learned: Do not have sex with the authorities.

BAA Half Marathon Needs Hams

-- Bob Salow, WA1IDA

After six years of successful events, the Boston Athletic Association Half Marathon now takes its place as a "Boston Tradition." Ham radio has established its community value at times like these. We have been asked again to support safety and administrative communications. With a little fine tuning, including many ideas from hams, the event is expected to be even better than last year.

For those who have done this event before, you know the road conditions still call for our best support for the athletes. We need you again, and the Race Director has asked for even more ham help (that's what happens when we are appreciated).

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

The course starts and finishes at Clemente Park in the Fenway. It proceeds along the Riverway, Jamaicaway and Arborway to the Franklin Park Zoo and return. This is the "Emerald Necklace" and is one of the most beautiful locations in Boston.

Date: **Sunday, 7 October 2007**

Ham start: 0600

Ham finish: 0930 to 1130 (depending on location)

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

If you can help, please contact me as soon as possible. I will email the assignments and more detail as soon as they are available. For most assignments, you can go directly to your station.

Time is short, so please let me know quickly if you can help. Please send me a phone number (cell, also). Parking should be available very close to each assignment. Feel free to contact me if you have any questions at walida@arrl.net or 508.650.9440.

A License Class in a Modified Weekend

As anticipated, we are still on hold waiting for the contractor to complete the renovations at the Zola Center in Newton before we can schedule the Technician Class course

For the present we are looking for instructors and other helpers to solve and implement some of the little details that make such a plan work. Jump in by contacting Eric, K1NUN, at k1nun@netscape.net.



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

Profile: Hank, K1QK

-- Phil Temples, K9HI

This month we profile Hank Buccigross, K1QK. Hank served as President of the Boston Amateur Radio Club in 2006-2007. Born in Boston, Hank was first licensed in 2001. However, his interest in radio goes back a lot further.

"I think I was interested from the time I was a teenager. While I have some recollection that I was licensed circa 1952, I haven't been able to prove it even to myself."

Hank actually built a Heathkit receiver and transmitter but then he gave them away. "I wanted to use the equipment, but college interfered."

Hank served a stint in the Army Signal Corps, in the late '50s. In more recent years, Hank was visiting the library one day, looking at automotive magazines to research a new car. Instead, he came across an Amateur Radio magazine. "I started looking at it. I thought to myself, 'I'm still interested in this!'"

Later, when he was returning from a skiing trip, Hank stopped by the Ham Radio Outlet store in Salem, NH. He decided to buy an all mode rig. "I started listening to 2-meter repeaters first, and then later, the HF frequencies." Hank was impressed by the new technology. "It dawned on me that I didn't need to tune in SSB signals with a BFO any more. That was pretty neat!"

Hank climbed the licensing ladder at a rapid clip. Within a three-month period he had advanced from Technician class license to Amateur Extra. The first call sign Hank held was KB1GRQ. He later traded it in for his present call sign, K1QK.

Hank is no stranger to the HF bands. In fact, HF operation is his favorite ham activity. "When I first got into the hobby in 2001, the HF bands were great - not like right now, where we're at the depths of the 11-year sunspot cycle." Hank recalls what it was like nearer the peak of the cycle. "I worked Australia on 10 meters with a wire only 15 feet high. You don't need much of an antenna when the bands are open. But when they are not, you need every last bit."

Over the years, K1QK has regularly checked in to the 3905 Century Club Net. In fact, he's netted several operating awards based on his contacts from the net. "People on the Century Club

are very friendly and kind to newcomers. That sort of spirit characterizes what most hams are truly like.”

Although not an “avid contesteer,” Hank does like to get into some of the bigger contests and make about a hundred contacts. “I’m not terribly interested in winning,” he adds.

What makes Hank feel most proud about the hobby? It’s the stellar job that hams do during emergencies. “It makes me proud to be a member of the fraternity.” Hank participates in 3-4 BARC public service events on average each year.

While he feels that hams are doing many great things, K1QK does have a pet peeve: the bad operators who can be heard daily on the upper portion of the 75-meter phone band. “The lack of courtesy, along with little or no regard for the rules and regulations by these small groups of troublemakers reflect badly on us all.”

Hank feels that the elimination of the Morse code licensing requirement is fueling a new spirit - or bubble - of interest among new and would-be hams. “I try to attend most of the BARC Volunteer Exam sessions. And it seems to me that there is a significant increase in interest, particularly among people who had been concerned about the code. They’re now upgrading and getting into HF without the code requirement.”

Hank is married and lives in Lexington. He and his wife raised four children who are now all grown up. One son is KD1ND (a former member of BARC). “Jim is a ‘real’ ham - he was licensed long before I was.” A chemical engineer by profession, Hank hopes to soon make the transition from “semi” to full retirement in the near future.

Hank stresses that he’s learned a great deal from the more experienced members in the Boston ARC who have mentored him over the years. He’s very appreciative. “I have many others in BARC to thank, particularly those who have helped me along the way. I look up to them.”

BARC VE Sessions Resume

The Boston Amateur Radio Club usually holds monthly VE sessions on the second Monday of each month. Because of the holiday, the October session will be held on the first Monday, 1 October. 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 : 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.

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

We give all exams (Technician, General and Extra, CW and written). 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@arrrl.net

Dick Doherty, KA1TUZ, 617.527.2968 ka1tuz@arrrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

- 1 October 2007 (*Note change of date*)
- 12 November 2007
- 10 December 2007
- 14 January 2008
- 11 February 2008

I See the Future

- | | |
|-----------|--|
| 15 Sep | RIFMRS Flea (Forestdale RI) |
| 16 Sep | MIT Flea (Cambridge) |
| 20 Sep | BARC General Meeting |
| 1 Oct | BARC VE Exams (<i>Note change of date</i>) |
| 4 Oct | BARC Business Meeting |
| 6 Oct | MTARA Flea (Feeding Hills) |
| 7 Oct | BAA Half Marathon (Rp) |
| 12-13 Oct | NEAR-Fest (Deerfield NH) |
| 13-14 Oct | WGBH Open House/Ice Cream (Rp) |
| 14 Oct | BARC Breakfast |
| 18 Oct | BARC General Meeting |
| 21 Oct | MIT Flea (Cambridge) <i>Last of 2007</i> |

(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. They are posted by e-mail to barc-list and on PBBSs regularly. If needed, contact any club member who has access to these.

Perhaps you know why women over sixty don't have babies. They would put them down somewhere and forget where they left them.

Simplex: 147.42

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.

Erik Beck N7FYO
Paul Cabral WA1JRK
Alex Richman KB1NTR Upgrade to General

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@arrl.net .

Why Are We Using Wire?

-- Eric Falkof, K1NUN

I just returned from the club's *End of Summer BBQ* where I participated in several discussions about antennas. You see, some of us are fortunate to have land and towers and trees from which to suspend wire. Others are house-bound and cannot even poke a wire outdoors. As ham radio operators, we know all too well that we need antennas of some kind, because any antenna is better than no antenna at all.

So why are we going to talk about wire?

Rooftops may not be available, especially to the apartment or condo dweller, and we cannot pretend our antennas are TV antennas because they look so different. Even satellite dishes aren't supposed to have rotators, which our VHF and UHF aficionados will readily acknowledge they need. And six meter beams just don't look like a TV log periodic, and who receives TV signals over the air, anyhow?

Mobile antennas protruding from window frames, when viewed from below, evoke negative Freudian responses from those who just don't understand our need for long, thin things. Why elicit these responses when we know full well what they're going to be before we even start?

Stealth, friends, stealth! We need to be unobtrusive and discreet. Aluminum tubes and rod-like structures just won't cut it. I participate in an internet discussion group about covert antennas, and there is much discussion about magnetic loop antennas.

Now, these loop antennas are physically and electrically small, are frequently used indoors, and can work quite well. However, they can be touchy to build and tune and may work only in a narrow band or range of frequencies. But they work! Very well!

My goal is broader and simpler. The simplest antenna I can imagine is a simple wire. Random, but long, and fitted where it fits. As I said, any antenna is better than none. So let me tell you what I did, hoping it inspires you to experiment simply, easily, and with fiscal economy.

When I lived in an apartment (as I may again soon now that I've reached the downsize side of life), ham radio was tolerable as

long as there were no visible antennas. That meant nothing on top of, next to, or hanging from. The permission almost seemed to be a contradiction in terms. And I lived in a garden (that is, basement) unit. So, undaunted, I did as follows:

I took a spool of #18 dark-colored, insulated wire (it was on hand, so no added expense) and tacked an end to a floorboard at the diagonally opposite end of the apartment house's attic. The wire was tucked just under the edge of a 1x8 floorboard walkway, as it exposed the insulation below. I strung it under that board until I reached the stairwell, where I went up a stud, over the stairwell, back down another stud on the other side, and back under the floorboard to the end of the apartment attic that was over my apartment, even though it was three stories above.

I poked the wire through a hole in the soffit vent, which was perforated for ventilation, and ran the wire down behind the downspout to the ground. I ran the wire down to the ground and tucked it an inch under the dirt at the very edge of the brick façade, and over to the corner of my window, and stuck it through the screen in a lower corner and stuffed it into conformity with the grooves and cracks of the sliding casement window, so I could still close the window very carefully.

I now had a wire about 125 feet long that was shielded on two sides by the brick corner and hidden by the downspout, and it ran indoors and under the floor of the attic. But it was my antenna! But would it load? Of course, but with a little coaxing. (Get the play on words?)

A simple tuner is needed for optimum use of this random length antenna. A capacitor from a broadcast radio found at roadside (from a discarded tube-type radio, not a plastic capacitor from a small transistor radio, but I bet that would work at low power!) and a coil of wire wrapped a lot of turns around a cardboard tube.


What was the inductance of the coil? Who cares? Experiment! More turns, fewer turns, closer spacing, wider spacing... until it works! SWR? Who cares, as long as it loads. After all, if the SWR were high, I'd worry about lowering it and never get on the air. So why worry? Why measure it? Just adjust the tuner for maximum background noise and let the automatic tuner kick into gear, or adjust with low power for the lowest SWR reading on the internal SWR meter. My FT-100 ran about 80 watts and was very happy for the three years I lived there. I never made DXCC, but I had many, enjoyable hours with my invisible, covert antenna.

Like I said, getting on the air is the goal and stealthy antennas may be the best way to go. Magnetic loops, mobile whips, and #36 wires to nearby trees may be OK, but true stealth requires thinking "inside" the box.

W1HGS - SK

Ken Lind, W1HGS, died 29 August. He was the father of Jeff Lind, KB1NGX. Ken joined BARC just this past year and attended a couple of our meetings. He was 72. We extend our condolences to Jeff and the family.

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September Is National Preparedness Month

-- ARES E-Letter, 15 August 2007

September is National Preparedness Month and Amateur Radio operators are joining a wide variety of national, state and local organizations, including the US Department of Homeland Security, in educating the public about preparing for emergencies. When unexpected natural or man-made emergencies occur, our greatest individual defense is preparedness. Getting an emergency supply kit, making an emergency plan, and identifying preparedness and response resources within our communities are several things we can do to prepare ourselves.

This nationwide effort is to encourage individuals and families to take simple steps to prepare for emergencies in their homes, businesses and schools. Free preparedness resources are just a click away at: www.ready.gov

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.

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 a set (red, black, two contacts) free. Additional connector sets are \$1/set.

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.

Don't Forget – General Meetings Open at 7:00

Here's the chance to sit and talk with hams before the 7:30 start of the General meeting. The club plans to have coffee and donuts on hand for your snacking pleasure.

FCC To Lower Vanity Call Fees September 17

-- ARRL Letter, 7 September 2007

The FCC will reduce the regulatory fee to obtain or renew an Amateur Radio vanity call sign by more than 40% starting September 17. The FCC will cut the fee from its current \$20.80 to \$11.70. This marks the lowest fee ever of the current vanity program.

Can You Take Over the BARC Net?

What happens when the regular Net Control is not on the air at the assigned time? Don't look around – look in the mirror. It's up to you. Don't be scared – it's a lot easier than you think. Grab a pencil, some paper and your radio. Calm down and start this way:

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.

Ask each checkin in turn for a comment or contribution of wisdom.

When all the participants have had their say...

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.

Feel good? You should. You just ran the BARC-net.

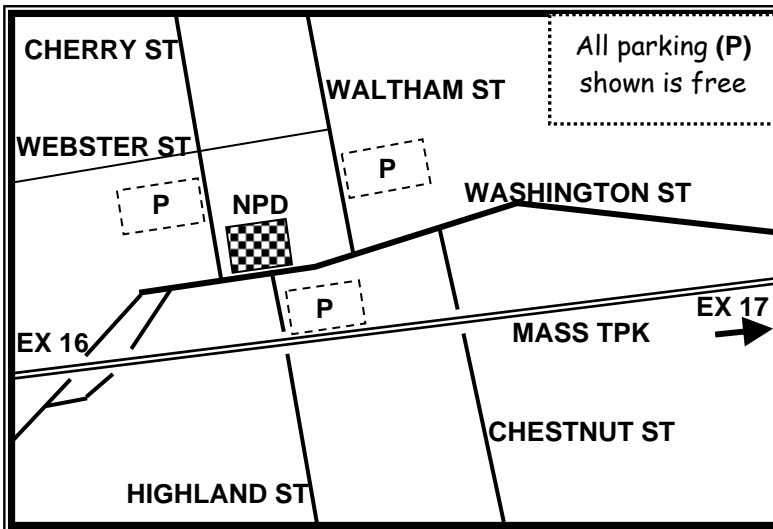
Hunting all VEs

-- Mike Ardai, N1IST

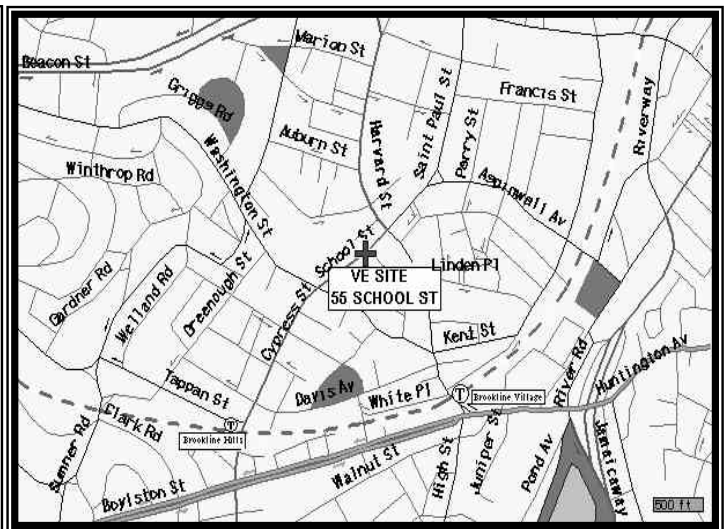
We are looking for VEs to help with the BARC VE sessions. Most of the time we have at least the required 3 for them, but sometimes we may need some more, especially if one of the regulars can't make it. If you are an ARRL-accredited VE, please drop a note to Dick, KA1TUZ at ka1tuz@arrl.net and let him know when you might be available to lend a hand.

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

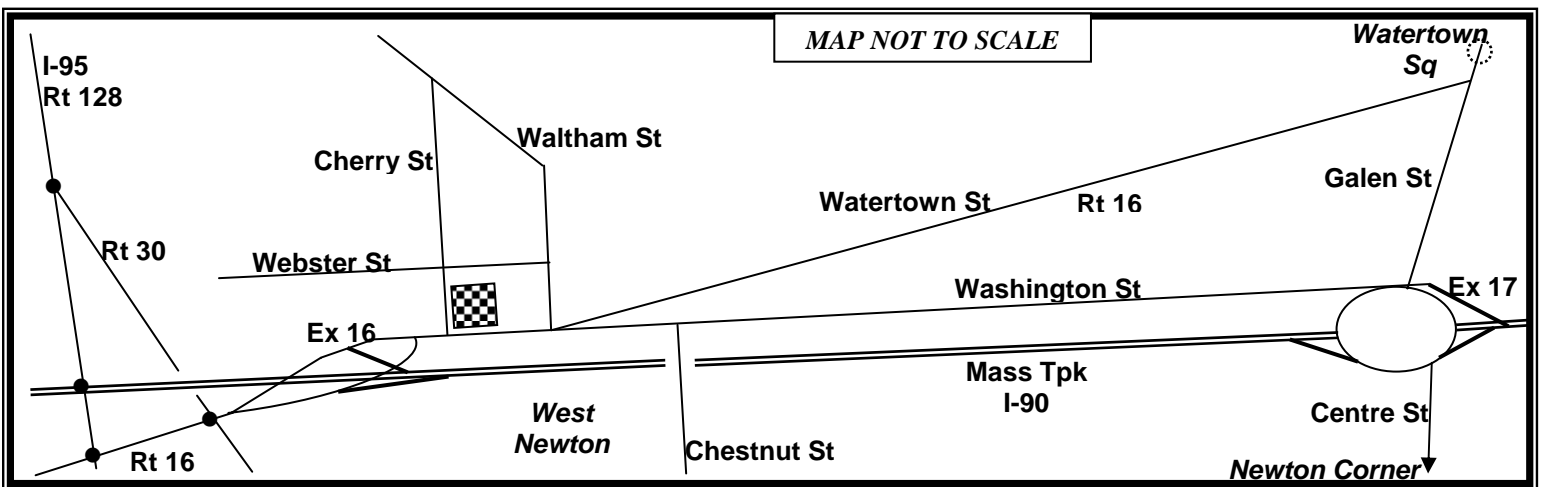
Simplex: 147.42



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

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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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MUST YOU HIDE THAT ANTENNA?

Maybe you can't find room to put up your antenna. Maybe your neighbors are menacing. Maybe some regulation or other limits your erection. We got help!

Eric, K1NUN, has been there and solved some of the problems on HF, VHF and UHF. Now he is here to impart some knowledge and methods to relieve us from misery. Find out how to get around some of these antenna problems at the September General meeting.

The next General Meeting is:
Thursday, 20 September 2007
Meeting begins 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 October issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than October 5, 2007.

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