



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVII, Number 7; July 2005
<http://www.barc.org>
w1bos@arrl.net



And What a Year!

-- Eric Falkof, K1NUN

Some year, eh?

We've had guest speakers talking most recently about RF exposure, DXing, contesting, ham software, public service, and legal issues for hams. We've had two field trips; to the Boston 911 call center and the Boston Emergency Operations Center. There have been monthly breakfasts and a winter holiday dinner. We have held two on-the-air nets each week. We have participated in many public service events in Boston and the surrounding area. Some people have given away unneeded equipment or materials, and we are a presence at the notorious MIT Flea Market. Monthly VE sessions have yielded new operators (and members). And, most recently, we created Field Day '05.

And it's not over yet!! Stay tuned to *The SPARC* and the barc-list for news of summer activities, too! We are planning the second annual BARC Bare Cove Summer Picnic and BBQ, and another to-be-announced outdoor activity too. Monthly breakfasts continue, as do the twice weekly nets and MIT Flea participation. Regretfully, the VE sessions are on hiatus because the Pierce School, at which the exams are given, is undergoing some construction; however, the VE team remains on call.

So what does all of this mean? It means you've had plenty of opportunity to do ham radio. We've given you operating, administrative, and tactical information. Plus, we've given you socialization and camaraderie. I've stated here that ham radio is a contact sport, and it is... because of the nature of contacting other stations and contact with our brother and sister hams in Boston and worldwide. It has been some year, eh?

We Really Do Want To Know

-- Mike Ardai, N1IST

What better way to find out what your needs and interests are than to survey? BARC is *your* club. Please take the short survey to help improve *your* club. Let us know what it will take to make things better for you and the ham community we are trying to serve. Just go to www.barc.org/survey.html - it is painless and should take only a few minutes. Thanks for your help.

HAM AND EGGS - A day's work for a chicken, a lifetime commitment for a pig.

Looking Forward

-- Blake T. Haskell, K1BTH; President-Elect

I would like to thank the members of the Boston Amateur Radio Club who voted to elect me President for the next year. I am honored to serve and I will try to do the best job that I can. Also elected were Dan KA1RDZ, Vice President; Jim Clogher, N1ICN, Treasurer, and Paul Olivieri, N1ZKR, Secretary. I am very excited to serve with these fine gentlemen.

The BARC President selects members to serve on the Executive Committee. If you are a BARC member and are interested in serving on the Executive Committee for a one year term, please send me an email indicating your interest and why you want to serve. My email address is k1bth@aol.com. I will make my selections in late August, so please have your e-mails to me no later than August 15.

As some of you know I was recently diagnosed with rectal cancer. I have an excellent prognosis and I expect that I will be able to carry out my duties as your President. I heartily recommend that any Club member approaching (or beyond) the age of 50 schedule a screening colonoscopy. Early detection and intervention is one of the major keys to surviving colorectal cancer. More information is available at www.cancer.org (I am not endorsing the American Cancer Society - I am merely sharing vital, and possibly life saving, information.)

At the September General meeting I would like to start having equipment familiarization sessions so that members can operate Club equipment. We will start with the club's Yaesu 897. With the good graces of our hosts, we will meet in the Salvation Army EOC and have a demonstration on how to get the radio unpacked and set up for operation. I would like to do these familiarization drills occasionally so that all members have an opportunity to learn to operate Club equipment properly.

As we begin the new BARC year I would like to remind our members that there are two meetings a month. The Business meeting is on the first Thursday of the month at the Parlin Library in Everett. These meetings are important and serve as the policy and strategy sessions for the Club. I urge you to attend these meetings and learn how the Club functions.

The General meeting is held on the third Thursday of the month and is held at the Salvation Army Headquarters in Boston. These meetings are more educational and social in nature. A minimum of Club business is conducted, but the main thrust of these sessions is to have fun and, if possible, learn something. For the past three years I have been rounding up speakers for these meetings. This is hard work and we have come to the point where

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Simplex: 147.42

I will not be able to devote as much time to obtaining quality speakers each month.

Amateur Radio is a diverse hobby. There are many aspects to the hobby and everyone's interest is different. For example, I am very interested in Public Safety. I have been "accused" of having more speakers in this area than other areas of the hobby. Guilty as charged! For example, I am a Technician class licensee and have no experience in HF matters. I have repeatedly asked in *The SPARC* for help in finding speakers in other aspects of Amateur Radio. Some members have come forth with suggestions and I have followed up on them. So again, if you are interested in having a speaker talk about a particular topic, please let Dan or me know. We will see what we can do to have someone come in and talk to us. It's a good deal for a speaker - they get a one year complimentary membership in BARC, free parking and an opportunity to meet a great bunch of people.

We continue to need help with the weekly nets. Of particular concern is the Friday SWAT net. Joe, W1JFF, has done a great job running nets for us but he needs a break. If you can help out let Joe or me know.

In closing, let me thank you again for the vote of confidence in me. I am proud to serve!

Field Day Wrapup

-- Eric Falkof, K1NUN

You've been waiting to learn how we did at Field Day, huh? Well, you'll have to wait a bit longer because the scores have not been tallied yet. Our logs are in process of being deciphered and sorted for the official submission, but here's a quick rundown of our activity this year in Field Day '05.

Our FD captains, Joe Harris, KB1IXK, and myself pulled together our team of power, antenna, logistic, and operations and operating people to coordinate and set up (and only a few who generously stayed to help tear down) our station. We operated in Class 3A from the top of Larz Anderson Park in Brookline. This means we used up to three transmitters simultaneously running on emergency power. We were prepared with "Get On The Air" (GOTA) and satellite stations, although neither made contacts. We briefly toyed with a six-meter setup, but had to defer to the gods of High SWR. However, we were a presence on sideband, CW, and digital modes. Everyone who wanted to operate had a chance, and those who chose to kibbitz proved successful there, too.

Full results and a detailed report are forthcoming and will be posted on the BARC web page within a couple of weeks. Keep watching. It will also be announced on barc-list.

By the way, whoever left behind the Icom IC-706 at the Field Day site can have it back if they give me its serial number.

Congratulations!

Former BARC President (and very active member) Mark Duff, KB1EKN, has been appointed Fire Chief of Hingham. We share his pride in this accomplishment.

July General Meeting... There Will Be None. However...

It's Summer – It's Time For a BARC Outing!

The second annual BARC Summer Outing is tentatively planned for the afternoon of Sunday, 28 August. With the success of last year's social highlight, we could not help but make it an annual event. Members, families and guests are invited to get together to talk, run around, eat, drink, and otherwise be merry. It will be held at the Bare Cove Fire Museum in Hingham.

There is plenty of parking space. By prior arrangement, transportation will be available from the T Red Line station at Quincy Center.

The details will be in the August issue of *The SPARC*, posted on barc-list and announced on the nets. Only the date is tentative – the outing will be held and you *will* have a great time.

Future General Meeting Dates

(Third Thursdays at 7 p.m.)

General Meetings are cancelled for July and August, but other activities may be announced.

15 September 2005

20 October 2005

17 November 2005

Boston's 375th Birthday Ride

-- Bob Salow, WA1IDA

You may have noticed a new public service event, the "Boston Bike Festival." It is a major part of the (not well known) celebration of the 375th anniversary year of the founding of the City of Boston. It is going to be a series of bicycle rides (not races) entirely in the City on Sunday, 25 September. More publicity is expected for this event than most of the other related celebrations this year.

The Mayor's office has asked us to support communications for this bicycle festival. It represents an opportunity for us and ham radio to serve the community directly and be noticed. We will, of course, come in contact with the police, EMS, the administration, the media and the public. It's a great chance to show our stuff.

With recent world events in mind, it has occurred to me that our public service gives us an added benefit. If we are to be called upon for a "real" emergency, we should each have a knowledge of the geography and infrastructure in which we serve. This type of event can introduce us to the working environment we may need to know at a critical time.

I hope you can lend a hand on 25 September to help celebrate 375 years of this great city. Contact me at walida@arrl.net or 508.650.9440.

Why do you press harder on a remote control when you know the battery is dead?

Looking Ahead At Public Service

-- Bob Salow, WA1IDA

"...what I personally think you need to do to make the Amateur Radio Service thrive and to enjoy the incredible opportunity... [is] to have fun and engage in public service activities."

-- Riley Hollingsworth, FCC Special Counsel for Enforcement

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 are some of the events remaining in 2005 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 - wa1ida@arrl.net or 508.650.9440.

- ◆ *Boston Triathlon - 4 September* - Swim, Bike, Run race; in Boston and Cambridge. Start/Finish at World Trade Center.
- ◆ *WGBH Ice Cream FunFest - 10 September* - Logistics management; ham radio public awareness in Boston.
- ◆ *Boston Bike Festival - 25 September* - 15-, 25-, and 40-mile bike rides entirely in Boston; Start/Finish in Franklin Park.
- ◆ *BAA Half Marathon - 9 October* - 13.1 miles; 98% in Boston, 2% in Brookline. Start/Finish at Clemente Park in the Fenway.

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.

BARC Monthly Breakfast

BARC holds a social breakfast on the second Sunday of each month at the Old Country Buffet in the Watertown Mall at 0830.

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 at \$7.23; less for seniors. If you are not a BARC member, you are invited to meet with us and see what we're all about.

The Old Country Buffet is in the Watertown Mall, on 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 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.

Logan Hegg	KF4VNK
Dave Maxson	
Bob Phinney	K5TEC

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.

June's General Meeting

Dave Maxson of Broadcast Technologies spoke about the dangers and, more significantly, the perceived dangers of RF exposure. Although Dave is not yet a ham, he is familiar with our operating modes and habits and he related his professional experience to our service and modes. He covered the relationship of frequency to absorption by humans and the emotional issues of cell phone technology and their emissions. (We were advised to refer to *emissions* instead of *radiation* due to the depth of misinformation and misperception that each word can rouse.)

We held elections as reported elsewhere in this edition of The SPARC. Finally, we gave a rousing cheer as we headed out the door and prepared for Field Day '05, only a few days away.

PowerPoles Revisited

-- Eric Falkof, K1NUN

Anderson PowerPole® connectors are a powerful (ouch!) adjunct to our accessories. They allow a rapidly interchangeable power connector to mate with various devices without regard to the male-female matching and they offer high reliability at home and in the field. BARC has acquired a special tool to use with these connectors, and we have sufficient connectors to allow each member to have and install two pairs free, as a membership benefit. Additional connector pairs can be purchased for \$1/pair.

Tools and connectors will be available at each meeting for installation, instruction, and assistance.

(Anderson and PowerPole are registered trademarks of the Anderson Power Corporation.)

SWAT Net - Net Control Operator(s) Needed

-- Arthur Ashley, N1NHZ

After many years of diligent service, Joe, W1JFF, has indicated he can no longer assure handling Net Control for every Friday SWAT Net. To keep this valuable net going, volunteer NCs are

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Simplex: 147.42

needed. Instruction and coaching are available. Contact me at n1nhz@arrrl.net or 617.661.2988.

Minutes of the Boston Amateur Radio Club Business Meeting

July 7, 2005; Recorded by Mike Ardai, N1IST, Acting Secretary

The meeting was called to order at 1830.

Those attending:

Mike Ardai	N1IST	
Arthur Ashley	N1NHZ	
Hank Buccigross	K1QK	
Jim Clogher	N1ICN	Treasurer
Mark Duff	KB1EKN	
Eric Falkof	K1NUN	President
Dan Malloy	KA1RDZ	
Bob Salow	WA1IDA	

The minutes of the June 2, 2005 meeting were approved as published in *The SPARC*.

Committee reports:

Exams Mike, N1IST, reports that due to renovations at the school, the VE exams have been cancelled for July and August.

Membership Arthur, N1NHZ, says that he has no new prospects. Two membership renewals have been received.

The newsletter folding will be on Wednesday July 13 at the CambridgeSide Galleria Food Court - lower level, starting about 6:30 pm.

Public Service Bob, WA1IDA, reported that the next scheduled events will be the Boston Triathlon on 9/4, the WGBH Ice Cream FunFest on 9/10, the Boston 375th Anniversary Bike Festival on 9/25 and the BAA Half Marathon on 10/10. Contact Bob at walida@arrrl.net if you can help out

Repeaters Both repeaters are working well. Mike, N1IST, is testing out the new controller that will allow linking the two machines.

Treasurer Jim, N1ICN, reports that the checking account balance is \$3156.72 after all Field Day expenses were covered.

Old Business:

Web Survey Mike will prepare a summary of responses to be published in the August issue of *The SPARC*. There will be a new survey about Field Day shortly.

Field day Mike is awaiting the logs. Bill Ricker is working on the summary web page.

Brochure The BARC brochure is ready for printing

New business:

BARC will hold our second annual summer outing on 8/28 (date tentative - check the web site for any updates) at the Bare Cove Fire Museum in Hingham, 1-5 pm.

BARC has rented storage space at the Bare Cove Fire Museum to store the club property previously stored in KB1EKN's basement.

Much discussion on Field Day - why was turnout so low, what can we do to improve interest, should we move it to another site, possibly Hingham?

There being no further business, the meeting adjourned at 2030.

This 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 join us at this meeting.

The next Boston Amateur Radio Club Business meeting will be held Thursday, August 4 (first Thursday of the month), starting at 6:30 pm. We meet at the Parlin Library 410 Broadway (Rt 99), Everett MA. Parking is available on the street or across the street behind the post office. The #110 T bus from Wellington stops across the street

Future Business Meeting Dates

(First Thursday at 6:30 pm)

4 August 2005
1 September 2005
6 October 2005
3 November 2005
1 December 2005

BARC VE Session

VE Exams for August have been cancelled due to renovation of the Pierce School.

The Boston Amateur Radio Club usually holds its monthly VE sessions on the second Monday of each month. Sessions are held at 7:00 pm at the Pierce School, 50 School St in Brookline, Room 110, next to the cafeteria. Future exam dates are listed below. A map is shown on page 7 of this newsletter.

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 cancelled. Otherwise, the exams will be on the second Monday of each month.

There is a free parking garage at the circular driveway. If driving, enter School Street 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 public transportation, take the "D" branch of the T 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 thru 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 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)
- Note that code tests are no longer free. Those taking the code test only will also have to pay the \$14 fee. 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 nlist@arrl.net

Dick Doherty, KA1TUZ, 617.527.2968 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

VE Exams for August have been cancelled due to renovation of the Pierce School.

12 September 2005

10 October 2005 (*subject to change due to holiday*)

14 November 2005

I See the Future

16 Jul	NE Antique RC Flea (Nashua NH)
17 Jul	MIT Flea
4 Aug	BARC Business Meeting
14 Aug	BARC Breakfast
21 Aug	MIT Flea
28 Aug	BARC Summer Outing (Tentative)
1 Sep	BARC Business Meeting
4 Sep	Tri-Boston Triathlon (Rp)
10 Sep	WGBH Ice Cream FunFest
12 Sep	BARC VE Exams
17 Sep	RIFMRS Flea+Auction (Forestdale RI)
18 Sep	MIT Flea
25 Sep	Boston Bicycle Festival (Rp)
7,8 Oct	Hoss Traders (Hopkinton NH)
9 Oct	BAA Half Marathon (Rp)

(Rp) = BARC repeater(s) may be used

Hams Are Needed for the Big E Exhibit

The Eastern States Exposition, the "Big E," has had a hugely successful ham radio exhibit and demonstration for many years. It has been supported by hams from all over New England. Once again, hams are needed to greet the tens of thousands of visitors and show what ham radio can do.

Located in West Springfield, MA, the dates are 15 September through 2 October. Any day, any shift, you can help. To get more info, email to: k1hej@yahoo.com.

Lightning Safety Preparedness

-- Extracted from National Weather Service Public Information Statement

Lightning Safety Outdoors

Each year about 400 children and adults in the United States are struck by lightning. About 80 people are killed and several hundred more are left to cope with permanent disabilities. Many of these tragedies can be avoided.

Lightning often strikes as much as 20 miles away from any rainfall. At least 10% of lightning occurs without any visible clouds in the sky - just blue sky. Many lightning fatalities occur ahead of the storm. You are in danger if you can hear thunder. That means lightning is close enough that it could strike your location at any moment. On average, 20% of lightning strike victims die, 80% survive, but 70% of them suffer serious long-term effects.

Here are some lightning safety rules.

1. Postpone activities promptly and do not wait for the rain. Go quickly inside a completely enclosed building - not a carport, open garage or covered patio. If no enclosed building is available, get inside a hard-topped metal vehicle. The steel frame of the vehicle provides protection if you are not touching metal.
2. Be the lowest point. Lightning likes to strike the tallest objects. In general however, you should avoid trees. If you are in an open field like a farm or on a baseball or soccer field you are the tallest object. If you cannot get to an enclosed building or vehicle, crouch down on the balls of your feet.
3. Keep an eye to the sky for darkening clouds and listen for thunder. If you can hear it go to a safe shelter immediately.
4. Get off bicycles and motorcycles. Do not lean on vehicles.
5. Water is a great conductor of electricity. Get out of the water and off the beach. Do not stand in puddles even if wearing rubber boots.
6. Avoid metal. Do not hold golf clubs, fishing rods, or tools. Large metal objects can conduct lightning. Small metal objects such as belt buckles can cause burns.
7. Stay several yards away from other people. Do not share a bleacher or bench or huddle in a group.
8. Listen to NOAA weather radio. First, to find out if thunderstorms are in the forecast. Next, listen to short term forecasts about thunderstorm activity, damaging winds and large hail in addition to lightning strikes.

The Science of a Lightning Strike

At any given moment there are 1800 thunderstorms in progress somewhere on the earth which amounts to 16 million thunderstorms each year! We know the cloud conditions needed to produce lightning but cannot forecast the location or time of the next stroke of lightning.

Lightning occurs in volcanic eruptions, intense forest fires, surface nuclear detonations, heavy snowstorms and large hurricanes, but it is most often seen in thunderstorms. Thunderstorms form in air that is moist, unstable and has a trigger that causes the air to rise such as a cold front. Rising motions in the storm build the cloud to as high as 6 to 10 miles above sea level. Ice forms in the higher parts of the cloud.

There are a lot of collisions between the ice particles which causes a separation of electrical charges. Positively charged ice crystals rise to the top of the storm and negatively charged particles and hailstones drop to the middle and lower parts of the storm.

A moving thunderstorm gathers another pool of positively charged particles along the ground that travel with the storm. Positively charged particles rise up taller objects such as trees and telephone poles. The particles can even move up you. Have you ever been under a thunderstorm and had your hair stand up? If so, you may be the lightning target.

The negatively charged area in the storm sends out an invisible charge toward the ground called a stepped leader. When it gets close to the ground it is attracted by all of these positively charged objects and a channel develops. You see the electrical transfer in this channel as lightning. There may be several return strokes of electricity within the established channel That you will see as flickering lightning. The lightning channel heats rapidly to 30,000 degrees or more. The rapid expansion of heated air causes the thunder. If you see lightning and hear thunder at almost the same time, the lightning is in your neighborhood!

Some lightning originates in the cirrus anvil at the top of the storm where there is a large positive charge. A strike originating in this area is called a positive flash. It is particularly dangerous for several reasons. It frequently strikes ahead of or behind a thunderstorm, away from the rain area, thus catching people by surprise. Positive strikes typically last longer, so fires are more easily ignited. They usually carry a high peak electrical current which increases the lightning risk to an individual.

Medical aspects of lightning

The United States averages 73 reported lightning deaths per year which makes it the second largest storm related killer exceeded only by flash floods. A lightning strike can result in cardiac arrest at the time of the injury, but some deaths can occur a few days later if the person is resuscitated but suffered irreversible brain damage. Because this may occur days later, the news story may not make the newspaper or other media outlets. Thus, there is an under reporting of injuries and deaths from lightning. The figures more realistically are about 100 deaths per year nationwide.

Lightning tends to be a nervous system injury and may affect the brain and both autonomic and peripheral nervous systems. When the brain is affected, the person often has difficulty with short-term memory, multi-tasking and can be irritable, easily distracted and have a personality change. Survivors initially may complain of intense headaches, ringing in the ears, dizziness, nausea, vomiting or other post-concussion types of symptoms. Irregular

sleep patterns may occur. Seizure-like activity may occur weeks to months after the injury.

People who wake up after the injury often do not have the ability to express what is wrong with them and may become embarrassed when they cannot carry on a conversation. As a result they may isolate themselves and become easy to anger. Depression becomes a big problem. Survivors often become exhausted after only a few hours of work and may not be able to complete all required job tasks.

Another common, often delayed, problem for some survivors is intense pain. The pain may not be from headaches but in the back, perhaps from compression and disc injury from the intense muscle contractions which may throw a person several yards at the time of the injury. The pain may also occur in an extremity, as nerves begin to slowly regenerate. Decreased libido and impotence often are reported.

X-ray, CT scan, MRI or blood tests often show up as normal. Sometimes functional tests ordered are testing the wrong thing. The standard EEG primarily measures surface readings of the brain and misses seizure activity in several deeper regions.

More useful is a functional test of how a person's brain is working - neurocognitive or neuropsychological testing. These tests are administered by a neuropsychologist familiar with literature in this area, not by a psychiatrist. Lightning strike survivors usually have a characteristic pattern of deficits.

Help does exist for lightning strike survivors and physicians alike. For more information on the web, go to www.lightning-strike.org or call 910.346.4708. More detailed information is also available at www.lightningsafety.noaa.gov .

ARRL Warns Against Spurious, Virus-Infected E-Mails

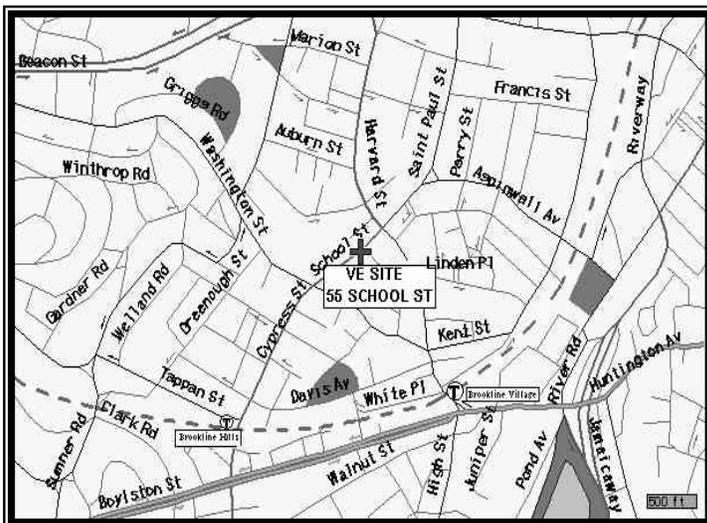
-- ARRL Letter, 17 June 2005

Some ARRL members have recently reported receiving e-mail messages that purport to be from ARRL. These messages suggest that the recipient's account has been used to send "a large amount of unsolicited commercial e-mail," that their password has been changed or some other action was going to be taken regarding their arrl.net "account." The e-mail may be signed by "The ARRL Support team" or "The arrl.net team." Some messages also may show up as e-mail bounces from "Postmaster" or "Mail Administrator."

These messages, which include a file attachment, are bogus. They do not originate from ARRL, and recipients of such messages should *never* attempt to open the attached file. Outside of routine correspondence, the ARRL sends e-mail only to members who specifically request mailings, such as WIAW bulletins and *The ARRL Letter*. Opening the attached file on one of these spurious messages could unleash a nasty computer virus. As a defense against these kinds of viruses, ARRL strongly recommends installing virus-protection software on all personal computers and updating virus definitions on a regular basis.



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



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

BARC Officers and Staff

President	Eric Falkof, K1NUN	508.358.4554	k1nun@netscape.net
Vice President:	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net
Secretary	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@rcn.com
Volunteer Exams	Mike Ar dai, N1IST	781.321.7939	n1ist@arrl.net
	Dick Doherty, KA1TUZ	617.527.2968	ka1tuz@arrl.net
Membership	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@pvcronics.com
Programs & Activities	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net

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
Mon - Fri 10:30 pm	Heavy Hitters Traffic Net (NTS)	145.230 (PL 88.5)
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Tue 9 pm	EMA Public Safety Net	145.230 (PL 88.5)
Tue 9 pm	NETARC Satellite	446.575 (PL 88.5)
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	AMSAT Net	146.640
Fri 9 pm	SWAT Net and Net Control 101	145.230 (PL 88.5)
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net	50.275
Sun 7 pm	Youth Net	146.610 and all MMRA links
Sun 8 pm	Algonquin Amateur Radio Club Net	446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newsline)	145.470
4th Sundays 9:30 pm	EMA Section ARES Net	146.610 and all MMRA links

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

Simplex: 147.42

**GENERAL MEETINGS ARE OMITTED IN JULY AND
AUGUST... BUT WE STILL HAVE PLENTY TO EXCITE YOU
THROUGH THE SUMMER**

See inside for details. The next General Meeting will be in September.
Business Meetings will continue through the summer.

The next General Meeting is:
September 15, 2005 at 7:00 pm
at the Salvation Army Headquarters building
Columbus Avenue at Berkeley Street
Boston
(parking in the adjacent lot on Columbus Avenue)
Talk-in on 145.230 MHz (PL 88.5 Hz)

Help eradicate blank space!

Get your news, views, stories and other contributions for the August 2005
issue of *The SPARC* to Paul Carter, N1TMF, by August 6.

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