



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVII, Number 8; August 2005

<http://www.barc.org>
w1bos@arrrl.net



Summer Fun in the Sun

-- Eric Falkof, K1NUN

Summer is a strange season, if you consider ham radio. Many of us take the summer off so we can spend time with our families or travel to exotic places while avoiding the trouble of boots, parkas, and gloves. Sometimes, we bring radios with us, but in deference to our travel-mates, we typically never turn the radios on. However, summer allows a special type of radio operation, often when those other travelers are asleep. First, let's consider the stay-at-homes, for whom this little article may be better suited. I'm talking about VHF and UHF propagation via a meteorological effect – temperature inversion.

What is an inversion? Simply, it is a reversal of the normal state of affairs when the earth is warm and it gets colder as you rise in altitude. Therefore, there is a layer of warm air over a layer of cooler air. That layer, either rising from below or descending from above, makes a denser layer for VHF and UHF signals to bounce off. Sometimes it can form a “sandwich” layer, or duct, and transport a radio signal many, many miles. Temperature inversions occur most noticeably early in the day (when our travel companions are asleep!) around dawn plus an hour or so. This is the time to break out our radios, open the squelch, and listen for those distant stations coming in over our repeaters or on direct frequencies. (Note: direct frequencies on the 2m band are channelized between 146.43 and 146.58 MHz.)

This is also the time to try other modes on your multiband, multimode radios, too! If you still believe in free TV, disconnect your roof-mounted TV from its beam antenna (not a satellite dish, but the one which is probably a form of log periodic that covers from just above the six meter band and goes up through the two meter band), crank the power *down* to a watt or two, connect one of those mini-balun gadgets between your radio (50 Ω side to the radio) and antenna, aim towards a population center, and listen carefully for the steady, pulsing, or fluttery signals from afar.

Now, for travelers and vacationers, take your HT during those morning hours and listen in, too. Your advantage may be that you travel to mountainous areas (where you might find yourself in such a layer of cool air sandwiched between two warmer layers that can act like a duct to transport your signal) or to the shore (where ducts frequently occur as warm air rises from the water, also to guide your signal up and down the coast).

But you won't ever be aware of these special conditions unless you put out a call! You gotta push that button or press that key. Remember: *Ham radio is a contact sport!*

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

The second annual BARC Summer Outing is on 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.

While reservations are not needed, to help us determine the food and drink requirements, please give us a head count by calling 781.749.0028 (Fire Museum Voice Mail) and leave a message with your name and the number attending.

There is plenty of parking space. By prior arrangement, transportation will be available from the **T** Red Line station at Quincy Center. To arrange for a pickup at the **T** station, call 781.749.0028 (Fire Museum Voice Mail) and leave a message with your name, and phone. You will be notified with the pickup time.

Directions: The address is 19 Fort Hill St in Hingham. Coming from Boston on Route 3A South, cross over the Hingham/Weymouth Bridge, then take a right on to Beal St. At the end of Beal St, take a right on to West St. At the end of West St, at the Stop sign, take a right on to Fort Hill St. The immediate left will then bring you in to Bare Cove Park and the Fire Museum. There is a sign on the street for Bare Cove Park directing you into the Fire Museum and the South Shore Model Rail Road Club.

The entrance to Bare Cove Park is on South St, across from the South Shore Country Club, between the Hingham Credit Union and Thomas Auto Body (on Fort Hill St). Fort Hill St starts at the East Weymouth town line, but the name changes when it crosses the railroad tracks and it becomes South St.

The Museum phone at 781.749.0028 is usually answered by Geri Duff, KB1ISG. The actual building phone is 781.749.3535. This number will be answered on the day of the event.

VE Sessions Resume in September

Because of extensive renovations at the Pierce School this summer, we must cancel the VE session for August. Things should get back to almost normal with the session on 13 September. “Almost normal,” because the following month is moved by school holidays to Monday, 17 October. After that you can rely on the second Mondays of each month (unless other dire circumstances intervene).

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

Simplex: 147.42

World Class Triathlon Agony - Again

-- Bob Salow, WA1IDA

The Boston Triathlon (formerly known as the Monster Challenge), which was run for the fourth time last year, continues to be an international success. We have been asked again this year to coordinate emergency and safety communications support.

Anywhere in the world a triathlon is an exciting and very demanding race. In urban Boston it is a further test of strength and determination. Designed to professional standards, the swim-bike-run will be held on **Sunday, 4 September**. The Olympic-class triathletes will swim one mile, bike 25 miles, and run 6.2 miles. The course is laid out in Boston harbor, downtown Boston and Cambridge, and in the Boston seaport area. We have been specifically asked to monitor a number of hazardous and confusing locations for the safety of the participants as well as the medical stations.

As you read this, time is short – and your help is vital. A problem is that this is Labor Day weekend, so extra effort must go into getting enough hams. A bit of relief is provided by the schedule which expects the ham participation to go from **0600 to 1100** (some assignments close earlier), so the rest of your day is free. If you can support this event, contact Bob Salow, WA1IDA, at 508.650.9440 or email to walida@arrrl.net. Please call if you would like more information.

All You Can Eat and Public Service, Too

-- Bob Salow, WA1IDA

Here's a ham public service event where the reward might be better than the job. WGBH, the public TV channels 2 and 44, and FM radio, will hold their annual Ice Cream FunFest on **Saturday, 17 September**, at and around the WGBH station on Western Avenue in Brighton.

About 8000 to 10000 visitors are expected, all loaded into the one day. We have been asked to provide communications for the safety and management of the crowd and their vehicles. We plan a revised strategy for parking lot coverage so we can be more effective and efficient. It's a compact area, so 2-meter simplex HTs can be used.

A great advantage for us is that BARC is given free booth space for us to promote public awareness of ham radio to the visitors and staff. In past years our booth has introduced many people to our hobby and also stirred interest in several inactive hams. About 16 to 18 hams will be needed for communications and/or meeting the public.

Although such a good cause (and good publicity for us) doesn't need it, here's the good part: all volunteers get to eat all the ice cream you can consume (urp!). The ice cream is provided by a dozen manufacturers, so you can make comparative tests (urp, urp!).

If you can help (**from 0900 to 1500**), get more information by calling Bob Salow, WA1IDA, at 508.650.9440, or email to walida@arrrl.net.

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 - walida@arrrl.net or 508.650.9440.

WGBH Ice Cream FunFest - 17 September (note corrected date) - 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!

God must love stupid people; He made so many.

KB1EKN Appointed Hingham Fire Chief

-- Phil Temples, K9HI

Boston Amateur Radio Club member and former President Mark Duff, KB1EKN, was sworn in as Fire Chief for the Town of Hingham on June 23, 2005. Mark had served as acting chief prior to the appointment. He was one of six finalists chosen from among 16 candidates for the position.

"This is a truly wonderful day for me and the Town of Hingham," said Mark, quoted in an article appearing in the *Hingham Journal*. "There were six wonderful, qualified candidates. But thanks for choosing me and having confidence in me. I also appreciate all the support from residents and my staff."

KB1EKN has more than 30 years of professional fire fighting experience with the Hingham Fire Department, both at the administrative and operational levels.

One of Mark's most graphic memories is when he and other ARES members from Eastern Massachusetts traveled to New York in the wake of the Sept. 11 tragedy to provide the American Red Cross with communications support.

As Deputy Fire Chief, Mark was in charge of overall department operations, including long-term planning, daily operations, and directing a staff of 50 firefighters and officers. He also supervised the handling of fires, hazardous materials incidents, search and rescue operations, and medical assistance. KB1EKN also developed Hingham's first Community Emergency Response Team (CERT).

Mark has also served as Hingham's Director of Emergency Management since 1996, developing action plans for the town in the event of natural disasters, terrorist threats, and other emergencies. He also managed the community's response to emergency situations, including hurricanes, snowstorms, and other major events. As training director, he planned and developed fire-service training programs.

In addition to his professional responsibilities, Mark has served as an ARRL District Emergency Coordinator for Metro Boston and recently, ARRL Assistant Section Manager for Eastern Massachusetts.

Public safety is a priority in this community, Mark told the *Hingham Journal*, "because the town makes it one. It will be wonderful to be Chief in a community where fire safety is taken so seriously. You will not be disappointed." [*Hingham Journal* story, June 23, 2005]

Photo at <http://ema.arrrl.org/images/kb1ekn-chief.jpg>

See also: <http://ema.arrrl.org/article.php?sid=716>

We Really Do Want To Know...

-- Mike Ar dai, N1IST

The Boston Amateur Radio Club is *your* club. To better serve your needs and interests we have a short survey that we would like you to take. Please go to www.barcc.org/survey.html - it is

painless and should take only a few minutes. Thanks for your help in improving *your* BARC.

FCC Issues Revised Form 605, Obsoletes Previous Editions

-- ARRL Letter, 15 July 2005

A revised FCC Form 605, "Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Services," has gone into effect. The new form must be used for all receipts as of July 18.

"Applicants can avoid filing outdated editions by submitting their applications through the Universal Licensing System (ULS): <http://wireless.fcc.gov/uls/>, given that changes to the paper forms will be incorporated into the system automatically," the FCC said. The new Form 605 is available online from the FCC Web site: <http://www.fcc.gov/forms/form605/605.html>.

The revised form includes a new Question 13 (subsequent questions have been appropriately renumbered) that will affect amateurs applying for an administrative update (AU) to reflect a change in licensee name. Question 13 now asks: "If the licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to another party and for which proper Commission approval has not been received or proper notification not provided?" *Amateur Radio Service applicants should always answer "no" to Question 13.*

Not answering the question - which has nothing to do with the Amateur Radio Service - could result in dismissal of an application.

For additional information or assistance, visit the FCC Help and Support Web page: <http://esupport.fcc.gov/index.htm>. This change does not affect the NVEC Form 605 that VECs and VE teams use.

EMA Section News Summary (Extract) (19 July)

You can assist people in difficulty while traveling! EMA ARES recommends that you program your receivers and scanners to monitor the following emergency frequencies while traveling and vacationing out of our section. This follows recommendation as requested by REACT, and the US Coast Guard Auxiliary, for both of which the ARRL has a Memorandum of Understanding.

Amateur frequencies (Wilderness Protocol) [all FM simplex]:

146.52 MHz (2 meters) [Primary]

52.525 MHz (6 meters)

446.00 MHz (75 centimeters)

Remember to listen only for the first 5 minutes at the beginning of each hour.

Other frequencies to monitor:

>> Marine Band: Ch-16 (156.8 MHz FM)

>> International Calling and Distress, Citizen's Band (CB): Ch-9 (27.065 MHz AM)

>> National Emergency Channel monitored by REACT: FRS: Ch-1 (462.5625 MHz FM)

>> National Calling Channel advocated by F-R-S.org, and General Mobile Radio Service (GMRS): 462.675 MHz FM

CW or No CW?

-- Eric Falkof, K1NUN

Where do you stand? The FCC recently proposed eliminating CW as a requirement for ham radio licensing. (Refer to recent ARRL web pages for details and discussion.) The FCC cites many proposals, for and against, and culled them to its own. What do you think?

Traditionalists want to maintain CW as a filter to keep the riff-raff out, to "make men out of radio operators," or to ensure a level of skill in this emergency-focused mode.

Nouveau ops say a test should be related to the skills used, and CW is not the predominant mode. Therefore, eliminate it as a requirement. They say it is nonsensical to require a CW test to operate on voice or data modes. CW is also passé; even the military eliminated it.

Radio hams take both sides, and both sides are right. There is a level of skill required by those who choose to use it. Maybe make CW a requirement for those who want to use it. An endorsement, perhaps? But why restrict learners? Even voice users can key a mike's PTT switch.

CW exists. That's a fact. Now that CW is reduced (in speed) as a requirement, CW usage is growing. Would CW overtake SSB if we were prohibited from using CW? Imagine: clandestine groups meeting in basements to practice CW and then acting as pirates on the air, with false call signs and names... Get the picture? Like Tom Sawyer telling the kids they weren't qualified to whitewash A'nt Polly's fence, and thereby enticing them to show they really could do it... and Tom got away with no work while farming out the job to the rest.

Well, I don't think that will work, but there might be something to encouraging CW officially - perhaps by a band segment dedicated to those who passed a proficiency test. Some comments to the FCC proposal say CW should be maintained for Amateur Extras, so why not allow the bottom 25 kHz for CW only, and thereby requiring a CW endorsement (whether by license *or* special endorsement)?

Now, the ARRL has its own band plan based on mode bandwidth, and that's a whole other discussion. But I'm looking now just at CW: *CW or no CW*.

Every ham has an opinion. What's yours? Reply through the BARC-list and keep the discussion rolling.

Future General Meeting Dates

(Third Thursdays at 7 pm)

General Meeting omitted for August, but other activities are announced.

15 September 2005

20 October 2005

17 November 2005

15 December 2005 (Holiday Party)

19 January 2006

Minutes of the Boston Amateur Radio Club Business Meeting

August 4, 2005; Recorded by Paul Olivieri, Secretary

The meeting was called to order at 1835.

Those attending:

Eric Falkof	K1NUN	President
Mike Ar dai	N1IST	
Paul Olivieri	N1ZKR	Secretary
Dan Malloy	KA1RDZ	
Blake T. Haskell	K1BTH	Vice President
Ed Hennessy	N1PBA	
Arthur Ashley	N1NHZ	
Jim Clogher	N1ICN	Treasurer
Bob Salow	WA1IDA	
Mark Duff	KB1EKN	

The minutes of the July 2005 Business meeting were accepted as published in *The SPARC*.

Committee reports:

Exams: There are no exams currently scheduled until September 12, 2005 because of construction at the school. An alternate date will be scheduled in October due to Monday holidays.

Membership: Arthur reports no recent inquiries. Some former members have renewed as a result of phone calls that were made.

Public Service: The next event will be the Boston Triathlon on September 4, 2005. The WGBH Ice Cream FunFest will be on September 10; the Boston Bike Festival on September 25; and the BAA Half Marathon on October 19.

The SPARC folding will be on Wednesday, August 10 at the CambridgeSide Galleria at about 1830 in the Food Court lower level.

Programs and Activities: Blake reports that we still are looking for a speaker for the September General meeting.

Repeater: Mike reports that the new controller works fine and there may be some modifications to allow the repeater to make preprogrammed announcements on the nth day of each month as reminders.

Treasurer: Jim reports a balance of \$3195.88 with an additional income of \$92 to be deposited.

The BARC Outing and Cookout will be held on Sunday, August 28 at the Bare Cove Fire Museum in Hingham, from 1300 to 1700.

Blake moved, seconded by Bob, that BARC donate \$50 to the museum for the use of the facility for the cookout. The motion passed.

Old business:

Blake reports that the Bylaw revision proposals will be ready for the September Business meeting.

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

Simplex: 147.42

Incorporation - Blake has investigated and reports that the Commonwealth of Massachusetts currently has no record of BARC. Blake will contact Mike Raisbeck, K1TWF who is an attorney and the ARRL New England Division Vice Director, to review our Bylaw revisions and to find out what we should do with the incorporation questions.

Blake will be meeting with the newest Boston EMA director for introductions and to try to move forward with the MOU.

Brochure - A copy was sent to Paul who was not able to get it printed. Eric will send it to Blake and Mike to get a few sample copies made.

Field Day review - a report is available on the BARC website.

Equipment Storage - the Club equipment has been moved from Mark's basement to a site in Hingham, which we will rent for \$100 per year.

Bob Salow gave a review of the ARRL New England Division "Cabinet meeting" which was held recently in Vermont. Bob commented that there seemed to be more clubs represented than League officials (not a bad situation).

New business:

Arthur reports that our regular NCS for the Friday night SWAT Net is not able to continue on a regular basis. Net control operators are needed now. There followed considerable discussion about the future of the SWAT Net.

Bob expressed concern about the need for some more formal guidelines for the issuance of free memberships rather than the random recommendations that now seem to be the process.

Mark Duff reported that the Club has been offered the use of the Community Room at the Newton Police station in West Newton to hold our meetings. There will further discussion about this possible move in September.

There being no further business, the meeting adjourned at 2045.

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, September 1 (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 p.m.)

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 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)
- 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 n1ist@arrl.net

Dick Doherty, KA1TUZ, 617.527.2968 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

12 September 2005
17 October 2005 (*Note change of schedule*)
14 November 2005
12 December 2005
9 January 2006

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

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.

Greg Burd KBIKVQ
Joe Salvo

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@arrrl.net.

I See the Future

14 Aug	BARC Breakfast
21 Aug	MIT Flea
28 Aug	BARC Summer Outing
1 Sep	BARC Business Meeting
4 Sep	Boston Triathlon (Rp)
10 Sep	WGBH Ice Cream FunFest
11 Sep	BARC Breakfast
12 Sep	BARC VE Exams
15 Sep	BARC General Meeting
17 Sep	RIFMRS Flea+Auction (Forestdale RI)
17 Sep	WGBH Ice Cream FunFest
18 Sep	MIT Flea
25 Sep	Boston Bicycle Festival (Rp)
6 Oct	BARC Business Meeting
7,8 Oct	Hoss Traders (Hopkinton NH)
9 Oct	BAA Half Marathon (Rp)
17 Oct	BARC VE Session

(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 PBBs regularly. If needed, contact any club member who has access to these.

Catch us on the Internet!

-- Mike Ardai, N1IST

The Boston Amateur Radio Club has a web page at <http://www.barc.org>. Here you can find some of the latest BARC news, sample exams, maps to our meetings and VE sessions, links to other radio clubs, and a club roster (only names, callsigns, and e-mail addresses are on-line). If you have any suggestions, please let me know at n1ist@arrrl.net.

New on our web page are:

Club articles: www.barc.org/articles.html

Bylaws: www.barc.org/bylaws.html

We also run an FTP site at [ftp.barc.org](ftp://ftp.barc.org) under <pub/hamradio>. We've got a mirror of the ARRL infoserfer, BARC documents, ham radio software, and a huge mods archive.

We also run a club e-mail list via qth.net. You can subscribe, unsubscribe, or manage your qth.net subscriptions at www.qth.net. This change applies to all mailing lists previously on qth.net directly.

BARC Net Preamble

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

Calling the Boston Amateur Radio Club Net. This is <<YOUR CALL>>, my name is <<YOUR NAME>> and I am located in <<YOUR TOWN>>. This net meets each Monday evening at 9 pm Eastern Time on the 145.23 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.

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.

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.

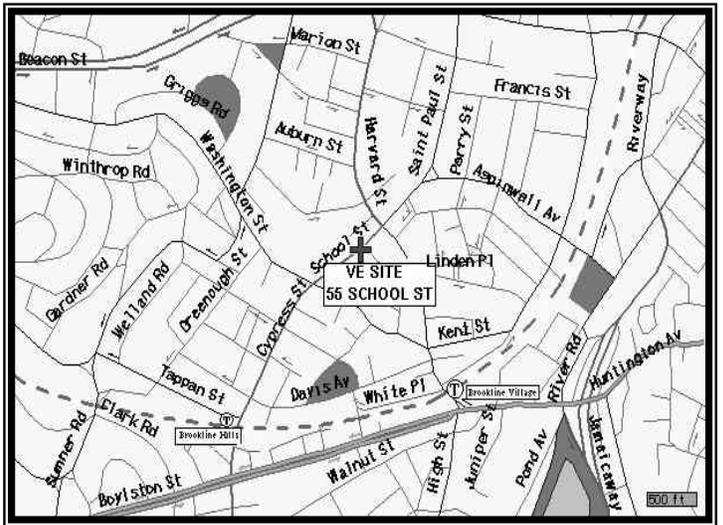
Located in West Springfield, MA, the dates are 15 September through 2 October. Any day, any shift, you can help. To get more info, email to: k1hej@yahoo.com.

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.



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
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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

**THE GENERAL MEETING IS OMITTED IN AUGUST...
BUT WE STILL HAVE PLENTY TO EXCITE YOU**

See inside for details.

The next General Meeting is:
15 September 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 September issue of *The SPARC* to Editor, Paul Carter, N1TMF, by September 2, 2005.

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