



# **The SPARC**

Newsletter of the Boston Amateur Radio Club

Volume XVIII, Number 1; January 2006

<http://www.barc.org>

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## **President's Column**

-- Blake T. Haskell, K1BTH

As we begin the New Year, I would like to take this opportunity to wish everyone a happy, healthy and prosperous New Year!

I have several topics I'd like to discuss, so I'll jump right in.

The Boston Herald recently reported that the federal government dinged the City of Boston and its participation in the recent Operation Atlas held at Logan International Airport. Members of BARC participated in this terrorism exercise and provided support to the Boston EOC, American Red Cross, Salvation Army and Eastern Massachusetts ARES. From all accounts, Amateur Radio served its purpose very well that day and the exercise evaluators and City officials were very happy with the services that BARC provided. Our relationship with the Boston Emergency Management Agency continues to improve and we are excited about future collaborative efforts.

At the January BARC Business meeting we decided to discuss the 2006 Field Day at the February General meeting. This meeting will be at the Salvation Army in Boston on Thursday, February 16. If you are interested in *any* aspect of Field Day this year, I strongly urge you to attend this meeting. It seems that more and more work for Field Day is being done by fewer and fewer members and that ain't fair and/or fun for those involved. We need to make some decisions about how we will handle Field Day. There are some alternative events that are worth investigating. At this meeting we will also touch upon other BARC events for 2006.

I'm pleased to report that I had a great meeting with the Boston Emergency Management Agency this week. They are very pleased with BARC and have asked us to prepare a list of equipment that we need to operate at the EOC. The EOC wants to rearrange its layout and put all radio operators in one location to lower the noise floor.

Along those same lines, I met with other City of Boston representatives to discuss the ongoing plans for the Strategic National Stockpile. Again, they are very happy to have BARC involved with these efforts and have asked us to participate in an exercise in June, 2006. Details are sketchy at this point, but it appears they will deploy a couple of dispensing sites, have a couple of "virtual" sites and staff a command post and warehouse. We will be asked to provide Amateur Radio support for this exercise and as soon as I receive additional information, I will forward it to you.

Bob Salow, WA1IDA, announced some upcoming Public Service events needing assistance. Please stay tuned to the BARC web site, [www.barc.org](http://www.barc.org), for further information.

Finally, I'd like to thank Vice President Dan Malloy, KA1RDZ, for stepping up to the plate in my absence. He did a great job on short notice.

Remember – this is your Club. Tell us what you like and don't like so we can make it a better experience for you. Get involved and have some fun.

## **Let's Get Together at the January Meeting**

It's time to actually have a chance to get to know our fellow club members and visitors. The program for the January General meeting is to share ourselves with each other. We will have the time to chat (maybe boast) about what we have been doing lately.

If you have been working on a project, building a gadget, or solving a problem, the rest of us want to know and maybe benefit from your effort. Show it and tell us about it.

We did not have a chance at the Holiday Party in December to award the 2005 BARC Ham of the Year. Now we do, so come and find out who won and watch him or her be embarrassed.

Our General meetings are held on the third Thursday of each month at the Salvation Army Headquarters, 147 Columbus Ave, at the corner of Berkeley St in the third floor auditorium.

Our meetings are convenient to public transportation. The nearest T stations are Back Bay on the Orange and Purple lines (exit at the rear of the station and walk down Columbus), and Copley or Arlington stations on the Green line.

Free parking is available in the lot adjacent to the Salvation Army building. The entrance to the lot is from Columbus Ave (across the street from the firehouse). A map appears on page 7.

Talk-in is available on 145.230 MHz (–), CTCSS 88.5 Hz. If you arrive after 7:15 pm, ring the bell at the door to be admitted, as the door is locked at that time.

## **Future General Meeting Dates**

(Third Thursdays at 7 pm)

19 January 2006  
16 February 2006  
16 March 2006  
20 April 2006  
18 May 2006  
15 June 2006

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

**Simplex: 147.42**

## Heavy Hitters Traffic Net QSY

Effective 1 January 2006, The Heavy Hitters Traffic Net (HHTN) has moved from the Boston 145.230 repeater to the MMRA-linked repeater network. This net is affiliated with the National Traffic System (NTS) for passing formal written messages between hams and non-hams in the US and anywhere in the world where authorized.

The HHTN convenes nightly at 10:00 pm on the following MMRA-linked repeaters: 146.610, 146.670, 146.715, 146.820, and all 222 and 440 repeaters. Note that the Weston 146.790 repeater will *not* link for HHTN. The HHTN managers have thanked BARC for the use of our repeater during most of the past year.

## Are You a Little Behind?

You didn't realize it but you got some extra sleep on New Year's Day. The International Earth Rotation and Reference Systems Service (IERS) announced the introduction of a "time step" at the end of December to add a "leap second" as 2006 arrives. Leap seconds are needed to keep clocks in step with Earth's rotation, which varies by several thousandths of a second per day. Slowing down the clocks every year or two keeps them in sync. As 2005 transitions to 2006, Coordinated Universal Time (UTC) will be retarded by 1.0 second. This essentially means that the last minute in 2005 will be 61 seconds long: December 31, 2005, 23:59:59; December 31, 2005, 23:59:60; January 1, 2006, 00:00:00.

This adjustment will affect UTC and all time scales based on UTC. LORAN-C and GPS will not be adjusted physically, however. Times of Coincidence for LORAN-C are available on the Time Service Web Page. For GPS, the leap second correction, contained within the UTC data of the navigation message transmitted by satellites, will change. After the leap second GPS will be ahead of UTC by 14 seconds.

## The ARES E-Letter is Available

Since 9/11, interest within the Amateur Radio community in emergency communication and public service has greatly increased. More than ever, hams are volunteering to help meet the communication needs of our nation, states and communities. *The ARES E-Letter* is a response to this expanding awareness. Devoted entirely to Amateur Radio emergency communication and public service, it is published on the third Wednesday of each month.

Anyone with an interest in emergency communication or public service activities can sign up online at [www.arrl.org/FandES/field/ares-el/about.html](http://www.arrl.org/FandES/field/ares-el/about.html) to receive *The ARES E-Letter*. Each issue will contain a wealth of after-action reports, editorials, technical tips, news and views - information you'd otherwise have to wait for in *QST*. Editing is the former long-time ARRL Headquarters staff member Rick Palm, K1CE. Subscribers are invited to share a copy with club newsletter editors or with friends who may not be ARRL members but still might be interested in receiving it.

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

## Items for Sale

It's time to share some treasures and let someone else own them for a while.

Larsen 2m 5/8 wave mobile antenna with NMO mount and gutter clip. With all hardware. Can be easily plopped into any other NMO mount. Antenna also resonant on 52.525 MHz for 6m fun! \$25.

Heil GM4 Goldline mike with HC5 wide and HC4 narrow elements (switchable). With mike clip, wind screen, and special cable wired for Kenwood (8-pin, round) rigs. Unused, new in box. \$100

Video tour of Ten Tec factory and how to operate the Jupiter HF transceiver. VHS tape. Free to a worthy home.

Contact: Eric Falkof, K1NUN

Tel.: 508.358.4554, or email [k1nun@netscape.net](mailto:k1nun@netscape.net)

## For Sale

Four-element tribander with a CDE Ham II Rotor and tower sections totaling about 38 feet (top section included). The antenna and tower are disassembled and are located in Framingham. Proceeds will go to the FARA Scholarship Fund. Contact Gordy, K1GB, at [k1gb@arrl.net](mailto:k1gb@arrl.net) for details.

## Have Breakfast With BARC

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

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.

Jay Gherlone W1NEW

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](mailto:wa1ida@arrl.net).

Simplex: 147.42

## Starting Up the Public Service Season

-- Bob Salow, WA1IDA

There is still snow on the ground and we have been asked to support an early event again. The 2006 Run to Remember will be held on **Sunday, 12 March**. Like last year, this is a combined half marathon and a 5-mile run. With the start and finish at the World Trade Center in South Boston, the course will go through many streets in downtown Boston, across to Cambridge and a long path on Memorial Drive. Unlike last year, the course will not go through the South Boston industrial area.

The event is held to honor the fallen law enforcement officers of state and local departments. Last year was the first time for this event, and it was well received by city officials. Our ham support was important to the organizers and well appreciated.

The chance of mild weather in mid-March is small, so a team of hardy, prepared hams is needed. Because of the objective of this event, many local and state officials are keeping an eye on how we support them. Our performance has earned a good relationship. Please lend a hand by contacting Bob, WA1IDA, at [walida@arrrl.net](mailto:walida@arrrl.net) or 508.650.9440. (For your comfort, the 2007 Run to Remember will be planned for September.)

## Boxboro 2006

The ARRL New England Division Convention will be held, as in the recent past, at the Holiday Inn Conference Center in Boxborough MA on 25, 26 and 27 August 2006. Further information, including activities, directions and hotel reservations will be posted at [www.boxboro.org](http://www.boxboro.org) as it becomes available.

## Membership Renewal

The BARC fiscal year is the calendar year, so our membership renewal process begins again. If you have not yet renewed for 2006, the Membership Information form for 2006 is included with this issue of the newsletter. We need your support to help you get the most out of ham radio. Our club is one of the strongest and best around; your help is needed to keep it growing.

Please help the Treasurer by renewing promptly. Also, please consider receiving the newsletter electronically to save BARC significant money. You can complete the form online (at our website) and use PayPal or your mailed check. Or you can fill out the hard copy and mail it with your check to the address shown, or bring it to the club meeting. Of course, we would love to see you at the meeting(s).

## Pay For Your Membership On-Line

-- Mike Ardai, N1IST

BARC now accepts PayPal. If you want to fill out your membership on-line, just go to [www.barc.org/membership.html](http://www.barc.org/membership.html) or click on the membership link on our home page. You can use this to pay for membership or make donations with a credit card (even if you do not have a PayPal account), or from your PayPal funds or linked bank account. Our PayPal address is [w1bos@arrrl.net](mailto:w1bos@arrrl.net).

## Looking Ahead At Public Service

-- Bob Salow, WA1IDA

When hams engage in public service as mandated by the FCC Rules, the benefits go well beyond just following the rules. We can enjoy our hobby - have fun! We protect the health and safety of event participants. We support worthy charities. We learn to work within an organized effort. We experience the technical aspects of operating under adverse conditions. We practice communicating under emergency conditions. We can demonstrate these qualities to the communities we serve and thus promote our service for their acceptance.

Throughout the year BARC coordinates numerous public service events. Most of these are open to hams who are new to helping at such events as well as experienced hams. Here is a general look ahead at some of the events in 2006 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@arrrl.net](mailto:walida@arrrl.net) or 508.650.9440.

*Run to Remember* – **12 March** – Half Marathon and 5-mile race; in Boston and Cambridge.

*Multiple Sclerosis Walk* – **8 April** – Walk around Charles River in Boston and Cambridge.

*MS Journey of Hope* – **8 April** – Walk from Wellesley to Boston. (Communication combined with MS Walk.)

*Run of the Charles* – **April** – Canoe race on the Charles River from Dedham to Brighton.

*Bikes Not Bombs* – **May** – Triple bicycle rides in Boston and suburbs.

*Boston Triathlon* - **September** - Swim, Bike, Run race; in Boston and Cambridge.

*WGBH Ice Cream FunFest* - **September** - Logistics management; ham radio public awareness in Boston.

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

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.

## SATERN Net Welcomes You

-- Dick Doherty KA1TUZ

In 2006 we would like to invite hams to check into the Salvation Army Eastern Territory *SATERN NET*.

The net meets every Saturday at 9:00 am on 7.265, 40 meters. You do not have to be a member, but we welcome you to join. The purpose of the net is to assist the Salvation Army with communications during a disaster.

For more information on the Salvation Army Team Emergency Radio Net (SATERN), please look at our web site, [www.satern.org](http://www.satern.org)

## Go Kits for the Real World

-- Eric Falkof, K1NUN

If you're like me, you've been to the web sites, you've read the articles, you've attended the seminars and demonstrations, and you've done nothing. Done nothing but felt guilty, didn't you? Here's how I overcame my guilt, and it wasn't so hard.

The first step to creating a go kit is to recognize what you can do. If you're somewhat out of shape (or have taken on an unnatural shape), you need to realize you will not be heading out to the field for days at a time. You don't want to become a problem to others who are more fit and capable. So, you won't need a tent, cooking stove, and a week's supply of food, underwear, and gel cells. If you're this person, you may serve better from home, so beef up your home station and prepare to "shelter in place," which means to make your home a safe place (and that's the subject of a whole other series of web pages, newsletters, and agency flyers).

However, you can take an old gym bag, toss in a change of clothes, some basic hand tools, and maybe a spare power supply and portable antenna. Keep it in a place you or a family member can get to without emptying a closet to find it under your old bowling ball collection. You can dip into this bag if you need that supply or antenna. Just remember to put it back when you're through.

Anticipate the types of situation you *can* participate in without straining yourself or others. Is 24 hours your limit? A smaller gym bag may be OK. Or is a day-long event, such as a walkathon, your limit? Maybe a fanny pack with a set of spare batteries and some moist towelettes and an energy bar. Maybe you'll have just enough space to add some coax adapters, too.

The key, I found, is to put aside guilt that I cannot be everything to everyone, and simply be prepared for what I believe is my best capability. I have three kits: a fanny pack for day-long events; a small gym bag that can hold some clothing, some tools, some extra coax, and a spare radio or small gel cell battery for overnight events (that will be spent in a sheltered environment, not in a duck blind); and a larger tool box that holds spare cables, more tools, some FRS radios, coax adapters, jumper cables, a PC network extension cable, and latex gloves, disposable rain poncho, and a can opener for indoor events where I might need all of the previous kits *plus* the extra items that may make the experience a bit less frustrating.

My kits have been modified over time as I have aged. I carry an extra set of glasses, a small bottle of aspirin instead of a small tin, and I have removed a lot of foul weather gear because I know if I'm in that environment I'm not going to be concerned with setting up a radio. I've removed several antennas, too. Each kit is lighter today than each was a couple of years ago, in recognition that I may not have the stamina to carry them further, and also in recognition that my wife may need to carry them to me (or use them herself) if I am not there to get them myself.

In summary, conduct a self-analysis of what you *can* do, as well as what you *want* to do. Then, go to the various web sites, print

the lists, and create your one, two, or three go kits according to *your* goals of public service.

## Emergency Kit Supplies

The City of Boston website, [www.cityofboston.gov/emergency](http://www.cityofboston.gov/emergency) recommends a supply kit be assembled for emergencies.

1. Water- at least 1 gallon per day per person for 3-7 days
2. Food- at least enough for 3 to 7 days
  - a) Non-perishable or canned food
  - b) Snack foods
  - c) Non-electric can opener
  - d) Cooking tools/utensils
  - e) Paper plates and plastic utensils
3. AM/FM radio with fresh batteries
4. Flashlight with fresh batteries
5. Rain ponchos
6. Keys to house
7. Toiletries and personal items
8. First aid supplies
9. Several changes of clothes
10. Important documents (passport, etc)
11. Extra medication
12. Specialty items as needed for babies, elderly and pets
13. Cash
14. Charger for cell phone and power cord for laptop

## Temporary Move for Feb. Business Meeting

The BARC Business meeting on 2 February will be held at the CambridgeSide Galleria on First St in Cambridge. We will be in the lower level of the Food Court. The meeting will start at 6:30 pm, but by getting there earlier you can choose from among the food vendors.

## Minutes of the BARC Business Meeting

January 5, 2006; Recorded by Paul Olivieri, N1ZKR, Secretary

The meeting was called to order at 1842.

Those attending:

Mike Ardai	N1IST	
Arthur Ashley	N1NHZ	
Mark Duff	KB1EKN	
Blake Haskell	K1BTH	President
Dan Malloy	KA1RDZ	Vice President
Rick Meuse	N1HID	
Paul Olivieri	N1ZKR	Secretary
Bob Salow	WA1IDA	

Minutes of the December 1, 2005 meeting were accepted as published in *The SPARC*.

We had a special guest, Nick d'Apice, from Sydney, Australia, visiting the meeting. Nick will be taking the license exam shortly.

*Committee Reports:*

Membership: Arthur reports that he has had no new inquiries.

Public Service: Bob has dates for the first two events: The Run To Remember will be on Sunday, March 12, and the MS Walk will be on Saturday, April 16. There will also be a concurrent MS Walk from Wellesley to Boston which will use combined communication coverage.

Treasurer: Not available due to illness.

VE: Next exam session will be Monday, January 9 at the Pierce School in Brookline.

*Old Business:*

Mark, KB1EKN, reported that SKYWARN Recognition Day at the Blue Hill Observatory was a success. The Observatory staff is very happy with BARC and would like to pursue a more formal relationship.

*New Business:*

Bob, WA1IDA, will represent BARC at the New England Division Director's cabinet meeting on January 7 in Springfield.

Arthur, N1NHZ, opened a discussion about possible club participation in ARRL Kid's Day on June 17, 2006. There was some discussion about what the extent of our participation would involve. Dan, KA1RDZ, will help Arthur gather info about what we might do.

Field Day – Mark, KB1EKN, stated his concern about the low number of club members taking an active part in Field Day. Since it is a great amount of work and expense for the club with few actively participating, Mark felt that maybe we should not try to do Field Day as we have in the past. Mark suggested that we could set up at Larz Anderson Park with only one radio and a couple of "Easy Up" canopies on Saturday only. There was a suggestion that maybe we could skip the operation in the park and operate from the Salvation Army EOC. It was agreed that we need more discussion and input from club members.

The February General meeting will be dedicated to a discussion for planning club activities and direction for 2006 and beyond, and the future of our Field Day, Kid's Day and other on the air operating events.

Blake, K1BTH, said that he recently met with the officials from the Strategic National Stockpile program. They are planning a couple of drills this year which they would like us to participate in with them.

Blake also met with the chief of the Boston Emergency Management Agency. They want to continue to work with us and have our continued presence at the Boston EOC.

There being no further business, the meeting adjourned at 2040.

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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 Boston Amateur Radio Club Business meeting will be held Thursday, February 2 (first Thursday of the month), starting

at 6:30 pm. **The February meeting will be held at the CambridgeSide Galleria on First St in Cambridge in the lower level of the Food Court.** We usually meet at the Parlin Library 410 Broadway (Rt 99), Everett MA. Parking is available on the street or in the Brooks lot across the street. The #110 T bus from Wellington stops across the street

### Future Business Meeting Dates

(First Thursday at 6:30 pm)

- 2 February 2006 (*Note change to CambridgeSide Galleria*)
- 2 March 2006
- 6 April 2006
- 4 May 2006
- 1 June 2006
- 6 July 2006

### SKYWARN Recognition Day 2005

-- Mark Duff, KB1EKN

On December 3rd, and for the third consecutive year, BARC participated in SKYWARN Recognition Day from the Blue Hill Observatory in Milton MA. The Blue Hill Observatory has the distinction of having the oldest continuous weather records in North America and is known in weather circles as the "Home of the Nations Oldest Weather." The weather was clear throughout the day and the temperature was in the thirties. Set up was done on Friday thanks to the efforts of Joe Flaherty, W1JFF, Bob Salow, WA1IDA, and myself.

W1BOS/MQE was on the air starting Saturday morning and operated through mid- afternoon. Needless to say at almost 700 feet, 2 meters can be great fun and contacts were made throughout New England, both on repeater and simplex frequencies. HF contacts were down slightly from previous years but almost 60 were made including several to other official NWS participating stations across the country. Through the efforts of Mike Harmon's 222 repeater located in Belmont, several IRLP contacts were made although competition for air time on IRLP was fierce.

The call sign "MQE" was assigned to the weather station for its reports in the early part of the 20th century. The Observatory is a private organization, not part of the National Weather Service. Its records and observations are a valuable part of the meteorological picture for this area.

Those operating on Saturday were Bob Salow, WA1IDA, Joe Harris, KB1IXK, Bill Ohm, W1OHM, and new member Will Angenent, K6ND. Several club members also stopped by during the day to observe operations.

A special thanks goes out to the staff of the Blue Hill Science Center who welcomed us with open arms. Their cooperation and dedication to all phases of weather and weather reporting is second to none! We look forward to working with them in the future.

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Hard work pays off in the future. Laziness pays off now.

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

**Simplex: 147.42**

## BARC VE Sessions

The Boston Amateur Radio Club usually holds 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](http://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 [n1ist@arrrl.net](mailto:n1ist@arrrl.net)

Dick Doherty, KA1TUZ, 617.527.2968 [ka1tuz@arrrl.net](mailto:ka1tuz@arrrl.net)

## Future Exam Dates

(Second Mondays at 7:00 pm)

13 February 2006  
13 March 2006  
10 April 2006  
8 May 2006  
12 June 2006  
10 July 2006

## 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, call signs, and e-mail addresses are on-line). If you have any suggestions, please let me know at [n1ist@arrrl.net](mailto:n1ist@arrrl.net).

New on our web page are the club articles:

<http://www.barc.org/articles.html>

and bylaws:

<http://www.barc.org/bylaws.html>.

We also run an FTP site at [ftp.barc.org](http://ftp.barc.org) under **pub/hamradio**. We've got a mirror of the ARRL infoservert, 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 <http://www.qth.net>. This change applies to all mailing lists previously on **qth.net** directly.

## I See the Future

19 Jan	BARC General Meeting
2 Feb	BARC Business Meeting <i>(note location change to Galleria)</i>
12 Feb	BARC Breakfast
13 Feb	BARC VE Session
16 Feb	BARC General Meeting
2 Mar	BARC Business Meeting <i>(Parlin Library)</i>
12 Mar	Run To Remember <b>(Rp)</b>
26 Mar	Framingham ARA Flea Market
8 Apr	Multiple Sclerosis Walks <b>(Rp)</b>

**(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](mailto:barc-list) and on PBBSSs regularly. If needed, contact any club member who has access to these.

## Improved Search Capability on ARRL Web Site

-- ARRL Letter, 12 November 2005

A new search engine now is active on the ARRL Web site, Webmaster Jon Bloom, KE3Z, [jbloom@arrrl.org](mailto:jbloom@arrrl.org) has announced. "The ARRL Web site's search capability has long been a weak spot of the site," he allowed. "To address that problem, we've replaced the site's search engine with an entirely new search page that uses a Google [www.google.com](http://www.google.com) search appliance - a separate computer running Google's search system - that indexes and searches the ARRL Web site."

Bloom says the change means that those using the "Search" box atop any page on the site not only will obtain more comprehensive and accurate results but will get them much faster than previously. "We hope our site users enjoy the new search capability, which was instituted largely at the request of numerous ARRL members," Bloom added.

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

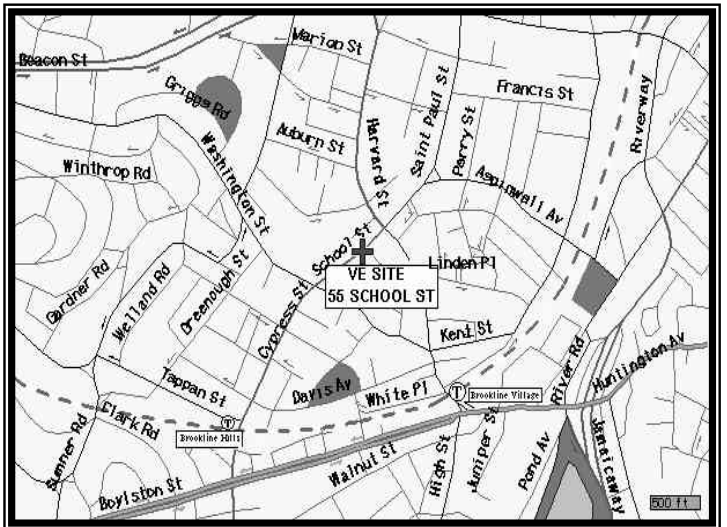
**Simplex: 147.42**

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**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

President	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net
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Volunteer Exams	Mike Ardai, 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	Dan Malloy, KAIRDZ	617.387.6025	djmalloy@mwhisp.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.

The Boston Amateur Radio Club publishes *The SPARC* monthly with information in the interest of BARC and Amateur Radio. The design and content are Copyright © 2005, all rights reserved. Permission is hereby granted to reprint or distribute by electronic or other means any material herein, provided this publication and the issue date are credited. Such permission is limited to use for non-commercial purposes for the benefit of the Amateur Radio community. Permission for other purposes must be obtained in writing.

### Greater Boston Net Directory

Daily 5:30 pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
Daily 7 and 10 pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
Daily 8 pm	Eastern Mass 2M Traffic Net (NTS)	145.230 (PL 88.5)
Daily 8 pm	Slow Speed CW Net	28.160
Daily 10:00 pm	Heavy Hitters Traffic Net (NTS)	MMRA-linked repeaters: 146.610, 146.670, 146.715, 146.820, and all 222 and 440 repeaters
First Mon 8:30 pm	EMA Section ARES Net	146.610 and all MMRA links
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Tue 9 pm	EMA Public Safety Net	145.230 (PL 88.5)
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030; 444.600 (PL 88.5)
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	AMSAT Net	146.640
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net	50.275
Sun 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

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

Simplex: 147.42



# ***Meet, Greet And Learn***

It isn't often that we have the time or place to talk face to face among our members and visitors. The January General meeting is that time and place. If you have something to show or explain, bring it – it's show and tell time, too.

Last month we did not have the opportunity to award the *2005 BARC Ham of the Year*. Now is the time. Come to the meeting and find out who got the honor.

*The next General Meeting is:*  
**Thursday, January 19, 2006 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 February 2006 issue of *The SPARC* to Paul Carter, N1TMF, by February 3.**

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

Boston Amateur Radio Club 0601  
PO Box 15585  
Boston MA 02215-0011  
POSTMASTER:  
Forwarding Service Requested



# Boston Amateur Radio Club

## MEMBERSHIP INFORMATION - 2006

Members: if you have already renewed for this year, please use this form to sign up a friend.



Please type or print clearly

\_\_\_\_\_ New \_\_\_\_\_ Renewal

Full name \_\_\_\_\_ Call sign \_\_\_\_\_

Name used on the air \_\_\_\_\_ Evening phone(\_\_\_\_\_) \_\_\_\_\_

Address \_\_\_\_\_ Daytime phone(\_\_\_\_\_) \_\_\_\_\_

\_\_\_\_\_ Cell phone (\_\_\_\_\_) \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ ZIP (9 digits) \_\_\_\_\_

E-mail address \_\_\_\_\_

<b>LICENSE CLASS</b> ___ Novice ___ Technician ___ Tech Plus ___ General ___ Advanced ___ Extra  ___ Former ham ___ Not yet a ham	<b>ARRL MEMBERSHIP</b> ___ Life ___ Annual ___ Not a member	The BARC membership list is for club use <b>only</b> , including publishing the roster to our members <b>only</b> . Do you wish to <b>restrict</b> such limited distribution of your:  <input type="checkbox"/> <b>OMIT ADDRESS</b>  <input type="checkbox"/> <b>OMIT EVENING PHONE</b>	<b>IMPORTANT NOTE:</b> To save the club significant costs, you are encouraged to voluntarily receive (and read) our newsletter, <i>The SPARC</i> , electronically, rather than by postal mail.  You will be notified monthly by email to go to a limited access web page where the earliest posting will be available.  If you accept this cost saving plan, be sure to indicate above your best email address.  <b>E-MAIL</b> <input type="radio"/> <b>POSTAL MAIL</b> <input type="radio"/>
	<b>EMCOMM?</b> 1    2    3		
	Are you an ARRL certified VE? <b>YES    NO</b>		

<b>Membership Category</b>	<i>Full year 2006 if paid between Dec 05 to 31 July 06</i>	<i>Half year 2006 if paid between 1 Aug 06 to 30 Nov 06</i>
<b>REGULAR MEMBER:</b> Not otherwise qualified below	<b>\$23.00</b>	<b>\$11.50</b>
<b>JUNIOR MEMBER:</b> Are you under age 18?	<b>\$12.00</b>	<b>\$ 6.00</b>
<b>SENIOR MEMBER:</b> Are you over age 64?	<b>\$12.00</b>	<b>\$ 6.00</b>
<b>FAMILY MEMBER:</b> [Regular member I live with _____] I am the family member to receive club mailings <b>YES    NO</b> <i>Note: Each member in the family must complete a separate form.</i>	<b>\$12.00</b>	<b>\$ 6.00</b>
<b>If you are able, please help support the club's activities and repeaters:</b>	<b>\$</b>	

**Note:** Standard club badges are made for all new members and for those whose calls have changed.

**Total \$**

Signature \_\_\_\_\_ Date \_\_\_\_\_

©BARC

<ul style="list-style-type: none"> <li>➤ Welcome to the Boston Amateur Radio Club! Join in the fun of being a ham!</li> <li>➤ Your cancelled check is your receipt; membership acknowledgement is for the year shown on the newsletter address label.</li> <li>➤ Make checks payable to: <b>BOSTON AMATEUR RADIO CLUB</b></li> <li>➤ Please write your call sign on your check.</li> </ul>	Give to any officer or mail to:  <b>BOSTON AMATEUR RADIO CLUB</b> <b>PO Box 15585</b> <b>Boston MA 02215-0011</b>
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Dues \$ \_\_\_\_\_ Addl \$ \_\_\_\_\_ Recd by \_\_\_\_\_ Date \_\_\_\_\_

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

*Dicipulus gratuitus est per*