



The SPARC

Newsletter of the Boston Amateur Radio Club
Amateur Radio - Communicating Worldwide for A Century

Volume XXI, Number 12; December 2009

<http://www.barc.org>

w1bos@arrl.net



Address to the Membership

Tom Bertolino, KB1P, President

The period between Christmas and New Year's Eve is a time when people look back on the past year's events, assess them and then make resolutions to try to improve their and their loved one's lives. Short of making a New Year's resolution for BARC, I would like to take this time to reflect on this year's events at BARC.

This year was a transition one for BARC. A lot of events happened during 2009 which affected the way the club operated. Some of the events we had no control over some of them we did. These events caused BARC to rethink the old and tried ways we conducted our club's business. The major event that influenced club operations this year this year is that Bob, WA1IDA, relinquished his club tasks. He passed his task of coordinating public service events to a new public service event coordinator and special event coordinators. He also passed his responsibilities for publishing the SPARC to another club member. Although Bob helped with the transition of these tasks there were some internal problems in coordinating public service events and *The SPARC*. None of these problems were serious and in most cases not noticeable to the general membership. Other events that caused the club to react were the following: We had to change our field day site; We finally elected a president; We lost the site where we offered VE Testing for over ten years; The Salvation Army notified us that they had sold their headquarters building and they had to vacate the building by January 1, 2010.

These events cause us to look at how and why we did things. One example on how we had to rethink an old tradition and react on short notice was when the Town of Brookline Park Department booked a wedding at our Field Day site at Larz Anderson. We were forced to look for a new location for this year's field day. When we discussed where to hold our field day a club member recommended that we use the Bare Cove Fire Museum in Hingham for our field day site. Another member recommended that we combine our annual picnic with field day. Still another member suggested that we invite Northeastern University Radio Club members to our field day. The motions were voted on and passed. The resulting field day was one of our most successful field days in years.

To say that this year was a transition year was an understatement. Somehow, we not only made it through the year, but we had a successful year. Our success is the direct result of concerned club members who stepped up to the challenge and made our public service events, field day, VE sessions, and SPARC a success.

I would like to thank all the club members who stepped up for their help and expertise. Without you this year could have easily been a disaster.

Don't forget December is time to renew your club membership. The renewal form is attached to this issue of the *The SPARC*. You can also renew on line at BARC's web site.

Happy New Year everyone.

I See the Future

- | | |
|--------------|--|
| 10 Dec | BARC Holiday Party (<i>General Meeting omitted</i>) |
| 14 Dec | BARC VE Session (<i>Salvation Army building</i>) |
| 20 Dec | BARC Breakfast |
| 9 Jan | Special Business Meeting (Location TBD) |
| 11 Jan | BARC VE Session (Location TBD) |
| 17 Jan | BARC Breakfast |
| 21 Jan | BARC General Meeting (No Meeting this Month as we look for a new Location) |
| 13 Feb | AARC Flea (Marlboro) |
| 18 Feb | General Meeting (Location TBD) |
| 4 Mar | Business Meeting (Location TBD) |
| 18 Apr | MIT Flea |
| 30 Apr-1 May | NEAR-Fest (Deerfield NH) |

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. Of course, if you know of an event that would be of interest to the readers, please let the Editor know.

January General Meeting Omitted

The BARC General meeting for January 2010 has been canceled due to inadequate facilities available. As soon as satisfactory arrangements are made for future meetings, notice will be posted on our website, www.barc.org, on the Monday night net, and in the next newsletter.



SKYWARN Recognition Day Story on Page 5. Working HF; Mark KB1EKN, Hank K1QK, Bob WA1IDA, Joe N1QD Tom KB1P

BARC Officers and Staff

President: Tom Bertolino, KB1P; 781-608-6186; kb1p@arrl.net

Vice President: Mark Duff, KB1EKN;
781.749.7664; emgmt@comcast.net

Secretary: Jim Bradley, KB1JKJ; 978-663-7114; kb1jkj@arrl.net

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Jim Clogher, N1ICN, 617.364.4658; n1icn@rcn.com
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Newsletter Editor: Jim Bradley, KB1JKJ

Programs & Activities: Phil Temples, K9HI; 617.744.9780;
phil@temples.com

The Boston Amateur Radio Club is a non-commercial association of persons interested in the Amateur Radio Service. The Club is organized for the promotion of interest in Amateur Radio communication and education, for the establishment of emergency communications in the event of disasters or other emergencies, for the advancement of the radio art and the public welfare, for the representation of the radio amateur in legislative and regulatory matters, and for the maintenance of collegiality and a high standard of conduct.

The Club is open to all persons interested in Amateur Radio without regard to race, color, religion, creed, national origin, gender, disability, or sexual preference. Our General and Business meeting locations are handicap accessible. Other meeting and activity locations may be handicap accessible by arrangement.

The Club is an ARRL-affiliated Special Service Club, and is a member of the Council of Eastern Massachusetts Amateur Radio Clubs (CEMARC) and the New England Spectrum Management Council (NESMC). The Club is a participant in Partnerships Advancing Technical Hobbies Which Attract Youth to Science (PATHWAYS). The Club is also an associate member of the Courage Handi-Hams system.

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Your Personal Ad Could Have Been Here

Are you a depressed BARC member because you have a treasure you must turn to cash? Cheer up, Bunky! *The SPARC* will run your (non-business) ad for free. Of course, a 10% donation if you sell it will be cheerfully accepted. Just send your ad to Tom Bertolino, KB1P, at kb1p@arrl.net.

BARC Growth

It's a rare month when we fail to add or upgrade a few 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.

Robert Freed	KB1SVO (upgrade to General)
Ralph Hansen	KB1TJT
Nora McNeil	KB1TJU
Phyl Meserlian	KB1TJQ
Tom Savastano	KB1TJS
Tyler Semmel	KB1TJR
Faith Wood	KB1TKL

Please welcome 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.

Small Dues Increase for 2010

At the September BARC Business meeting it was decided to make a small increase in the dues structure because of current and anticipated economic realities. The basic full year membership fee for regular members will be \$25.00. Junior, senior and family memberships are set accordingly. There is also an adjustment for the latter half of the year.

If you have not renewed your membership for 2010, a Membership Information form is included with this issue of the newsletter. To assist the Treasurer with his burden, please return it promptly with your check.

Pay For Your Membership On-Line

BARC accepts PayPal. If you want to fill out your membership on-line, just go to 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), from your PayPal funds, or from your linked bank account. Our PayPal address is w1bos@arrl.net

Future BARC Meeting Dates

(Third Thursdays at 7:00 pm)
10 December 2009 – Holiday Party (*General Meeting omitted*)
9 January 2009 - Special Business Meeting
(Location and Time TBA)
21 January 2010 – General Meeting (*Canceled*)
18 February 2010 – General Meeting (Location TBA)

It's Time for the Holiday Party and the "BARC Ham of the Year"

One of our most successful club events has been our Holiday Party in December. From the earliest days of BARC, our members, family and friends have had a wonderful time at our purely social get together. We have selected the famous Stockyard Restaurant in Brighton again this year, and we expect to have a great time with its great food. The Stockyard has an excellent reputation and has been carefully scouted by our devoted mastication team. The location is accessible by public transportation. In the past parking has been a problem. There is free parking at the restaurant and on-street parking on Guest St perpendicular to and across Market St.

Mark the date: **Thursday, 10 December**. The December General meeting is omitted.

This notice may not give you much time to decide, but you can see the informative flyer on our website. At the door your cost is a \$35.00, with any excess, the tax and the gratuity paid by the club. Please bring your family and friends – with a \$5.00 discount for each. Contact Mike, NIIST, at nlist@arrrl.net to be counted. Menu selections need not be made in advance – just place your order at the table. A cash bar will provide fortification, but you will be responsible for your own bar bills.

As has become our custom, the Holiday Party is where we award the "BARC Ham of the Year." The winner is chosen by your nomination from among the members. This means, of course, that it is up to you to recommend whom you feel most deserves the award this year. We want to recognize a BARC member for outstanding contribution to the club and to the Amateur Radio hobby. The rules stipulate that the award cannot be given to someone who has won in the past five years.

Previous winners were:

- 1992 Mike Ardai, NIIST
- 1993 Lajos Gergely, AA1BW/HA0DR
- 1996 Dick Doherty, KA1TUZ and Bob Cassell, N1ENS
- 1997 Terry Koen, N1IWF and Arthur Ashley, N1NHZ
- 1998 Mike Kass, N1YER and Bob Wondolowski, N1KDA
- 1999 Paul Carter, N1TMF and Mike Koenemund, KB1CKF
- 2000 Mark Duff, KB1EKN
- 2001 Frank Murphy, N1DHW and Bob Salow, WA1IDA
- 2002 Jim Clogher, N1ICN
- 2003 Dick Doherty, KA1TUZ
- 2004 Blake Haskell, K1BTH
- 2005 Arthur Ashley, N1NHZ
- 2006 Jim Clogher, N1ICN
- 2007 Eric Falkof, K1NUN
- 2008 Tom Bertolino, KB1P

It is important that you return the two coupons on the Holiday Party flyer – or at least the "BARC Ham of the Year" nomination if you are not able to attend the party. The return date is set to allow enough time to notify the restaurant of the expected attendance, and for the award to be engraved for the Ham of the Year.

December VE Session Located

Our December VE session will be held at the Salvation Army HQ building in Boston. Sessions begin at 7:00 pm. Parking is free in the adjacent lot accessed from Columbus Ave.

All BARC VE sessions after 1 January 2010 will require advance registrations. Walk-ins can no longer be accommodated. To register or for information, contact:

Jim Clogher, N1ICN, 617.364.4658 n1icn@arrrl.net
Tom Bertolino, KB1P, 781.395.5538 kb1p@arrrl.net

BARC Volunteer Exam Sessions

The Boston Amateur Radio Club usually holds monthly VE sessions on the second Monday of each month. The December 2009 session is to be held at 7:00 pm at the Salvation Army Boston HQ building in Boston. However, a location for further sessions is yet to be determined.

Note this change of location from prior venues.

If inclement weather or other problems occur, the exam session for that month may be canceled. Monitor the 145.230 repeater for advice.

Talk in on 145.230 MHz (-), PL 88.5 Hz.

We give all exams (Technician, General, and Extra). You don't need to pre-register for December; however, sessions after 1 January will require advance registration.

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)
- **\$15.00** (good for all the tests you take at that session, except for retests)
- Written tests can be taken sequentially at the same session for the same \$15 fee.

The needed FCC forms will be provided.

For further information, contact:

Jim Clogher, N1ICN, 617.364.4658 n1icn@arrrl.net
Tom Bertolino, KB1P, 781.395.5538 kb1p@arrrl.net

Future VE Exam Dates

(Second Mondays at 7:00 pm)

Location is at the Salvation Army building

14 December 2009

11 January 2010 by appointment (*Location TBD*)

Quarterly Business Meetings

-- Bob Salow, WA1IDA

We have Business meetings quarterly. Unless circumstances warrant, BARC Business meetings will be held on the first Thursdays of December, March, June, and September. The next such meeting will be on 3 December 2009 at the Salvation Army HQ in Boston. All members are urged to attend and participate in club affairs. This is where club functions are discussed and decided, and your help is needed to guide us.

A short opening period of each General meeting will continue to be used to bring any immediate business matters to everyone's attention.

To provide continuity of club business between meetings we have a virtual business meeting via an email list. Any member interested in the affairs of the club can ask to be on this virtual meeting list – just give your name, call and your email address to President Tom Bertolino, KB1P.

Minutes of the BARC Business Meeting

Meeting: December 3, 2009 Submitted by: Jim KB1JKJ

Attendee Count: 9

Present were:

Tom Bertolino KB1P President	Bob Salow WA1IDA
Jim Bradley KB1JKJ Secretary	Arthur Ashley N1NHZ
Mark Duff KB1EKN Vice President	Linda Blair KB1RBP
Hank Buccigross K1QK	Joe Harris N1QD
Mary Binker KB1TEO (Guest)	

7:15 PM Meeting brought to order by Tom, KB1P

Tom Bertolino KB1P started the meeting with introductions. We had one new member in attendance Mary KB1TEO, who got her ticket in October.

Treasurer's Report. Hank K1QK reported for Jim, N1ICN, Treasurer, that the club bank balance was \$ 3449.

Tom KB1P, stated that the following members have accepted positions on the Executive Committee: Frank Murphy, N1DHW; Bob Salow, WA1IDA; Hank Buccigross, K1QK and Arthur Ashley, N1NHZ.

Mike, N1IST, was not in attendance, so Arthur N1NHZ, who ran the Monday night net, reported that they had no complaints during the net about the 2 meter repeater, 145.230, and everything seems to be working okay. On the 444.050 side, Tom KB1P reported that the receiver still has significant saturation and is not usable.

There was no report from membership.

Mark KB1EKN mentioned that SKYWARN Recognition Day is December 5th at the Blue Hill Observatory. We will be running 3 HF stations 2 on phone and 1 on PSK. On 2 meters we will run 2 stations, 1 on 145.23 and 1 on simplex. Antenna setup will be on Friday December 4th starting at 9:00am.

Jim KB1JKJ reported on next year's MS Events. There will be 2 walks one on April 11th at the Harvard Athletic Complex and one on May 22nd in Natick.

There was discussion on the location for our General meetings and VE sessions. At this time we do not have a location so the January meeting will be suspended. There will be a Special Business Meeting in January to work on finding a meeting location.

Tom KB1P noted the New England QSO Party will be May 1 and 2 next year. There was discussion about holding this event at the Blue Hill Observatory, as they maybe having an open house that week-end. Mark KB1EKN will follow up on this.

A motion was made and passed to add photo's to *The SPARC* and to change the paper color to white.

The meeting adjourned at 2100.

Got a Question? We May Have an Answer

A new (occasional) entry in this newsletter will be a Q&A for you. We will rely on you to ask the questions and we believe another reader will come to your aid with an answer.

When you pose a question, include a means for a direct answer. If you wish to remain anonymous, any answer will appear on these pages. Anyone with a valid answer is asked to provide the Editor with a copy of the answer, including the question code. Send your questions and answers to the Editor, KB1JKJ, at james.bradle4@comcast.net.

Join ARRL and BARC Gets Benefits -- ARRL Club Newsletter, September 27, 2008

The ARRL club commission program allows ARRL Affiliated Clubs to retain a portion of the ARRL dues from each new member or renewal that the club submits.

Under the ARRL Club Commission Membership Recruitment Program, clubs retain \$15 for each NEW membership and \$2 for each renewal submitted (regular and senior memberships only). A *new member* is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission.

The details and forms can be found on the web at the ARRL Club Companion page:

www.arrl.org/FandES/field/club/benefits.html#commission

Newsletters Need Folding... Help!

When this newsletter has an insert it takes a little more effort to publish. What do we do? We have a party! The January and February issues will contain the Membership Information form for 2009, so we will party and get the job done easily and quickly. Actually, the process is to eat, fold, staple, label and stamp.

Here's the deal – (usually) on the Wednesday after the first Thursday of the month, we meet at the Cambridge Side Galleria in the Food Court lower level. If you want to eat, get there at 1800; if you don't, you can arrive at 1830. If you can help, send an email to Tom at kb1p@arrrl.net and you will then be notified as the date approaches.



**The Clay Center Observatory
welcomes BARC members**

www.claycenter.org

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

20 Newton St., Brookline, near Larz Anderson Park

Business Can Advertise Here

The SPARC accepts commercial advertisements. We encourage promotion of products and services which would be of interest to our members. Members are urged to seek prospective advertisers who are appropriate to our readers.

Rates for display advertising are:

- 1 col x 2 in. (business card) \$15 per issue
- 1 col x 2 in. (business card) \$75 per 6 consecutive months
- 1 col x 2 in. (business card) \$125 per 12 consecutive months
- 1 col x 4 in. (1/2 column) \$30 per issue
- 1 col x 9.5 in. (full column) \$60 per issue

For layout requirements contact Bob Salow at walida@arrrl.net or 508.650.9440

BARC Operates at SKYWARN Recognition Day
-- Jim Bradley, KB1JKJ

On Friday morning December 4th a few hardy souls meet at the top of Great Blue Hill in Milton to set up antennas for SKYWARN Recognition Day. The first antenna a B&W went up quickly using an existing pull string. The second antenna a 20 meter dipole was a little harder as, we had to find a nice tall tree and get a rope up 30 feet to the top. Mark, KB1EKN made this look easy, using a sling shot. He got the rope between two limbs at the top of the tree on the first shot.

On Saturday BARC participated in SKYWARN Recognition Day for the seventh consecutive year operating from the Blue Hill Observatory in Milton. We operated from 0900 to 1500 but the bands were not good to us. We only made a few contacts on 40m, 20 and PSK. Our luck on 2 meters was not much better with only 3 contacts on simplex and all in the local area.

The weather started out at 40 degrees with sight wind from the north. Skies were overcast with a low ceiling and about 3 to 5 mile visibility. By the end of the day the temperature was down to 36 degrees and we had winds gusts from the northeast of 12 miles per hour. Visibility was down to less than a mile with a steady rain.

The day was not a total loss as we had a couple hams stop by. It was a chance for them to see amateur radio communications in action. Mary KB1TEO learned how to program her HT and made her first contact. Robert KB1SVO newly licensed General, who hiked up, got to see HF in actions and got many questions about HF operations answered.



Tom KB1P and Mary KB1TEO learning to program a HT



Jim N1ICN working 2 meters

Present were:

- Tom Bertolino KB1P
- Jim Bradley KB1JKJ
- Mark Duff KB1EKN
- Joe Flaherty, W1JJF
- Mary Binker KB1TEO

- Bob Salow WA1IDA
- Joe Harris N1QD
- Hank Buccigross K1QK
- Jim Clogher, N1ICN.
- Robert Freed KB1SVO

Repeaters: 145.23 (-) PL 88.5 444.050 MHz (+) 110.9 Hz

Simplex: 147.42

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. For 2009, we have already been tasked with several events, and more are expected. Feel free to contact Bob Salow, WA1IDA, if you have any questions - wa1ida@arrl.net or 508.650.9440.

➤ *Multiple Sclerosis Boston Walk* – **11 April 2010** – (Boston and Cambridge)

➤ *Multiple Sclerosis Journey of Hope* – **22 May 2010** – (Natick)

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.

New Technician Question Pool

-- ARRL Bulletin X012

The National Conference of Volunteer Examiner Coordinators (NCVEC) is due to release the new Technician class (Element 2) question pool to the public in January 2010. This new Technician class question pool will become effective for all examinations administered on or after July 1, 2010, and it will remain valid until June 30, 2014. The current Technician question pool that became effective July 1, 2006 will expire June 30, 2010. The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination. This question pool will contain graphics and diagrams, something new for this element.

Each question pool for the three Amateur Radio license classes - Technician, General and Amateur Extra - is reviewed on a four-year rotation. The current General class question pool became effective July 1, 2007, and is valid through June 30, 2011. The current Amateur Extra class pool became effective July 1, 2008, and is valid until June 30, 2012.

Some US Call Signs Are Not Issued by the FCC

-- ARRL Letter, November 12, 2009

If you're an American ham, chances are that your call sign was issued by the Federal Communications Commission. A "no brainer," right? Well, if you're an American ham who happens to be stationed at Guantanamo Bay or at one of the US bases in the Antarctic, your call sign is not issued by the FCC - it's issued by the base commander. Guantanamo Bay (or Gitmo as it's commonly called) uses the KG4 prefix, followed by a two-letter suffix; this block is reserved exclusively for American hams at Gitmo. As for Antarctica, the Antarctic Treaty, signed on December 1, 1959 (and entered into force on June 23, 1961), established the legal framework for the management of Antarctica, including allocation of amateur call signs; the National Science Foundation received their block on July 1, 1959. US military hams in Japan and Korea are also issued special call signs:

- KA2AA - KA9ZZ - reserved for US Army-authorized amateur stations in Japan.
- KC4AAA - KC4AAF - reserved for the National Science Foundation's use at the South Pole.
- KC4USA - KC4USZ - reserved for US Navy-authorized amateur stations at their Antarctic bases.
- KG4AA - KG4ZZ - reserved for US Navy-authorized amateur stations at Guantanamo Bay).
- KL9KAA - KL9KHZ - reserved for assignment to US personnel stationed in Korea.
- The 40 call signs having the first two letters AF, KF, NF or WF and the letters "EMA" following a numeral are available to the Federal Emergency Management Agency (FEMA).

The FCC once issued call signs to hams who lived in the Caroline Islands and the Marshall Islands. Even though these entities - former United Nations Trust Territories - now have their own sovereignty (and DXCC prefixes), the FCC will not issue call signs in the following blocks:

- KC6AA - KC6ZZ - KC6 was two DXCC entities: The Eastern Caroline Islands and the Western Caroline Islands. The Eastern Carolines became the Federated States of Micronesia (V6) and the Western Carolines became the Republic of Palau (T8).
- KX6AA - KX6ZZ - the former Marshall Islands, now the Republic of the Marshall Islands (V73).

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The SPARC

When Disaster Strikes...

The time you have to prepare may be less than what you need. Your best option is to prepare in advance. Hurricanes, floods, fires, and others may offer sufficient advance warning and provide time for precautionary or preventive action. However, earthquakes or tornadoes usually strike with little or no advance warning.

Individuals who have *planned ahead are more prepared* and have a lot more options than someone who has not planned and is not ready.

Ask yourself: will you be able to: have enough supplies to last for you and your family? Start collecting items for your “go kit” and make sure everything can be located quickly when needed. Don’t wait and try to find everything after disaster hits. You won’t remember it all; what you forget is what you will probably need!

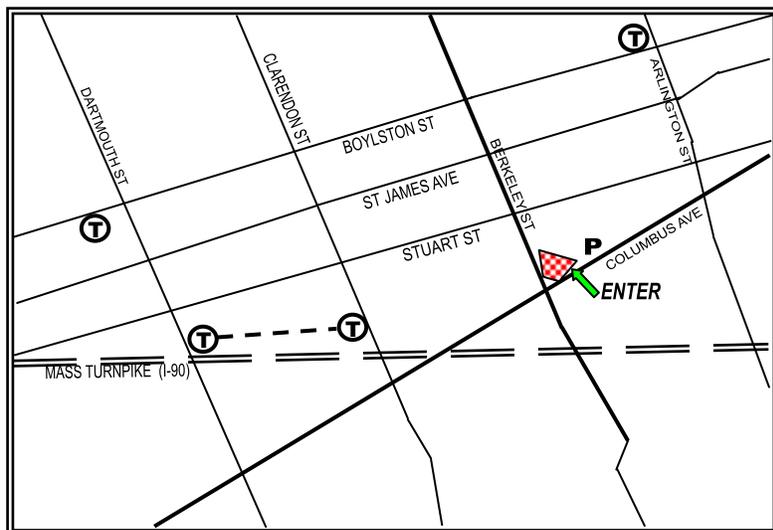
Don't forget to change the batteries in your smoke detectors and other battery-operated devices.

BARC General and Business meetings and the VE Sessions are held at:
The Salvation Army HQ building, corner of Berkeley St and Columbus Ave in Boston.
Free parking in the adjacent lot – enter from Columbus Ave.

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

Have Breakfast with BARC

We hold a social breakfast on the third Sunday of each month at the Old Country Buffet in the Watertown Mall. Breakfast is served from 0800 to 1130 (although we rarely stay beyond 1000). We just get together, socialize and eat, without any formal club events or business. Family and friends are welcome. The extensive buffet breakfast is very good. The cost is reasonable (seniors get a discount). The Old Country Buffet is in the Watertown Mall, 550 Arsenal St. in Watertown. There is plenty of parking. From Memorial Dr, continue on Greenough Blvd to the Watertown exit, turn right on Arsenal St. By T, the #70 bus from Central Square Cambridge to Watertown Square to Waltham stops right at the Watertown Mall. We hope to see all of you there – and bring your appetite!



Greater Boston Net Directory

Daily 5:30 pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
Daily 7 and 10 pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
Daily 8 pm	Eastern Mass 2M Traffic Net (NTS)	145.230 (PL 88.5)
Daily 8 pm	Slow Speed CW Net	28.160
Daily 10:00 pm	Heavy Hitters Traffic Net (NTS)	MMRA-linked repeaters: 146.610, 146.670, 146.715, 146.820, and all 222 and 440 repeaters
First Mon 8:30 pm	EMA Section ARES Net	146.610 and all MMRA links
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030; 444.600 (PL 88.5)
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	AMSAT Net	146.640
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net	50.275
Sun 8 pm	Algonquin Amateur Radio Club Net	446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newslite)	145.470

Repeaters: 145.23 (-) PL 88.5 444.050 MHz (+) 110.9 Hz

Simplex: 147.42

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e-mail: pope@marketco.com • <http://www.marketco.com>

Now You Can Get Your Newsletter Hot Off the Wire!

-- Bob Salow, WA1IDA

In an effort to conserve club resources, we are offering early access to *The SPARC* electronically, which also saves the costs of paper, printing and postage. Even if you have already renewed your 2009 membership, but neglected to check to accept receiving the newsletter electronically, all you need to do is send an email to the Keeper of the Database at wa1ida@arrl.net. Let him know you want to help BARC save money.

Please provide your name, call and an accurate email address. You will be notified by email each month as soon as the issue is ready for access at a private member web site as quickly as it is published.

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