



# ***The SPARC***

Newsletter of the Boston Amateur Radio Club

**Volume XVIII, Number 3; March 2006**

<http://www.barcl.org>

[w1bos@arrrl.net](mailto:w1bos@arrrl.net)



## **President's Column**

-- Blake T. Haskell, K1BTH

The BARC February General meeting was devoted to Field Day and other activities for BARC. After a long round of discussions the consensus seemed to be that BARC will scale back its Field Day operations this year. We have a lot of folks who want to "play" but then aren't around to assemble the gear, transport it and perhaps more importantly, tear it down and return it to storage on Sunday afternoon. This is a trend common to a lot of radio clubs and it's a sad commentary on the hobby in general.

BARC will operate a single station at Larz Anderson Park. There will not be a portable toilet, grill or food provided. It's a shame it has come to this but too much work is being done by a few dedicated, hard working BARC members. If you're willing to take over the whole magilla, i.e. pick up equipment, get operators and return the gear, we'd love to have your help.

At the March Business meeting there was a provocative discussion about the future direction of BARC. There is a feeling that the Club is drifting. A review of the recent on-line BARC survey revealed that there are a couple of areas that we seem to be very proficient in. They are public service events and emergency communications. Given that, the sense of the meeting was to concentrate on those areas. Mark, KB1EKN, will be drafting a set of goals for the Club to follow. I thank him and all those present (13 members) for their heartfelt comments. I also would like to urge you to get more involved with the Club. We're only as strong as our members and we could use a breath of fresh air with new blood.

In the current issue of *QST* there is an Honor Roll of Amateur Radio operators that have completed all three ARRL EmComm classes. There are several BARC members listed and I'll see about having this Honor Roll posted to the BARC website and updated as new members are added. Congrats to those who worked hard to achieve this distinctive honor!

## **SATERN Net Welcomes You**

-- Dick Doherty KA1TUZ

You are invited to check into the Salvation Army Eastern Territory SATERN Net. The net meets every Saturday at 9:00 am on 7.265 MHz. You do not have to be a member, but we welcome you to join in. The purpose of the net is to assist the Salvation Army with communications during a disaster. For information on SATERN, check our web site, [www.saturn.org](http://www.saturn.org)

## **Get the Low-Down on ARRL and the EMA Section**

Phil Temples, K9HI, will be our featured guest speaker this month. Phil is a former two-term president of BARC. He has served for three terms as the Eastern MA ARRL Section Manager from 1994-96 and from 2001-04. He's also served on the League's Public Relations Advisory Committee. At present, Phil serves as the section's Affiliated Club Coordinator (ACC).

Phil will cover a variety of topics: the state and concerns of ARRL-affiliated clubs in our section and the value of CEMARC. He will also describe the new national "Hello Radio" public relations program along with the latest ARRL happenings. He will also describe his latest visit to the HandiHam Radio Camp in California.

Phil has "dabbled" in a lot of different facets of the hobby. He was active for many years on CW mobile on the HF bands. He's tried his hand at traffic handling, DXing, contesting, packet radio and award chasing. He was active in the Navy-Marine Corps MARS program. At present, Phil is an active volunteer instructor in the Courage Center HandiHam Program based in Golden Valley, Minnesota.

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)

16 March 2006

20 April 2006

18 May 2006

15 June 2006

*(No meetings in July and August – watch for other activities!)*

21 September 2006

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

**Simplex: 147.42**

## Boston Marathon Needs Hams

More hams are needed for the Boston Marathon on April 17. All you need is a minimum 2.5 watt, 2 Meter HT with a good antenna (not the stock antenna) and extra batteries. An ear phone is also a good idea. You must be over 18 years old and no guests are allowed. This is an all day commitment starting from 6:30 am to 9:00 am. Some assignments end by 2:30 pm. Others end as late as 7 pm.

Please sign up at: <http://marc.amateur-radio.net>

To make sure you get a jacket please sign up by March 15. If you have any questions please call Steve Schwarm, W3EVE at (cell phone) 508.922.9688, or send an email to [w3eve@arrl.net](mailto:w3eve@arrl.net). Please talk it up with your friends. We try very hard to put groups together.

## SKYWARN Training Schedule

Training sessions for SKYWARN spotters in Greater Boston have been announced for 2006.

4 May Thursday 1900 to 2200  
Walpole Town Hall  
Walpole, MA

20 May Saturday 1200 to 1500  
Concord Academy  
166 Main Street (Route 62)  
Concord, MA

SKYWARN is a program sponsored by the National Weather Service (NWS) to increase information regarding surface weather conditions during critical weather events. Instruction is provided to spotters to identify and report critical ground weather information to NWS. SKYWARN is supported by a well-organized ham radio activity. Hams play an important role in these observations, however, it is not necessary to be an Amateur Radio operator to take this valuable training.

## 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!

## I See the Future

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

12 Mar	BARC Breakfast
13 Mar	BARC VE Exams
16 Mar	BARC General Meeting
26 Mar	Framingham ARA Flea Market
6 Apr	BARC Business Meeting ( <i>at Salvation Army</i> )
8 Apr	Multiple Sclerosis Walks (Rp)
9 Apr	BARC Breakfast
10 Apr	BARC VE Session
16 Apr	MIT Flea (Cambridge)
22 Apr	NE Antique RC (Nashua NH)
30 Apr	Run of the Charles Canoe Races (Rp)
4 May	SKYWARN Training (Walpole)
5,6 May	Hoss Traders Flea (Hopkinton NH)
20 May	SKYWARN Training (Concord)
21 May	MIT Flea (Cambridge)
25-27	ARRL NE Div Conv/Flea (Boxboro)
Aug	

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

## New Technician Class Question Pool Released To the Public

-- ARRL Letter, 27 January 2006

The National Conference of Volunteer Examiner Coordinators (NCVEC) Question Pool Committee (QPC) has released the new Technician (Element 2) Amateur Radio examination question pool. The new Element 2 question pool is available for viewing or download in Adobe PDF, MS Word, RTF and ASCII text format from the NCVEC Web site:

[www.ncvec.org/ama\\_news\\_article.php?id=81](http://www.ncvec.org/ama_news_article.php?id=81)

The new question pool becomes effective for all examinations administered on or after July 1, 2006, and it will remain valid until June 30, 2010. The current Element 2 question pool will expire June 30, 2006.

The new Technician pool contains 396 questions, from which 35 are selected for an Element 2 examination. This question pool contains no graphics or diagrams. The QPC requests that anyone spotting possible errors or suggesting corrections contact the Question Pool Committee via e-mail: [qpcinput@ncvec.org](mailto:qpcinput@ncvec.org). Reference the question pool (ie, Technician, General, Amateur Extra) in the subject line, and include the question number(s) involved plus a brief explanation. Forward comments and suggestions for new questions or changes in topic areas for any of the three question pools, Element 2, 3 or 4.

## Looking Ahead At Public Service

Simplex: 147.42

-- 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 - [wa1ida@arrrl.net](mailto:wa1ida@arrrl.net) or 508.650.9440.

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

*Bikes Not Bombs* – **11 June** – Triple bicycle rides in Boston and suburbs.

*Boston Triathlon* – **3 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* – **8 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.

## The Multiple Sclerosis Walk Has Expanded

-- Bob Salow, WA1IDA

The Multiple Sclerosis Society will be organizing two concurrent events this year and we have been asked to support communications for both. As in the past, the MS Walk will start on Boston Common, proceed along Storrow Drive, cross the river to Memorial Drive in Cambridge, back to Boston and finish on the Common.

The new event is the MS Journey of Hope. The route details and checkpoints are almost settled; it will start in Wellesley and proceed to the Boston Common (about 16 miles). There will be several checkpoints, vehicles and medical coverage for us to support.

Both events will take place at about the same time. We plan to operate a single Net Control probably using both VHF and UHF

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

repeaters. More hams will be needed compared to past years, so your help is vital for this worthy cause. Our past help has won heavy praise, and we have to maintain our superb reputation. If you can lend a hand, contact Bob, WA1IDA at [wa1ida@arrrl.net](mailto:wa1ida@arrrl.net) or 508.650.9440.

## 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 long lost members who rejoin, so greet them, too.

Harold Binder KB1LTO  
Al Moses KA1OME

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@arrrl.net](mailto:wa1ida@arrrl.net).

## Membership Renewal

The BARC fiscal year is the calendar year, so our membership renewal process is up and running. If you have not yet renewed for 2006, the Membership Information form is included with this issue of the newsletter (on line also). 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. Complete the form and either mail it with your check to the address shown, or bring it to the club meeting.

You can also renew your membership with one finger (if that's your typing method). Fire up your computer and go to [www.barc.org/membership.html](http://www.barc.org/membership.html) or click on the membership link on our home page. Fill out the Membership Information form on line and you can pay your dues (and add a donation, if you can) using secure PayPal (even if you don't have a PayPal account). Our PayPal address is [w1bos@arrrl.net](mailto:w1bos@arrrl.net).



**The Clay Center Observatory  
welcomes BARC members**

**[www.claycenter.org](http://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**

## Minutes of the BARC Business Meeting

March 2, 2006; Recorded by Paul Olivieri, N1ZKR Secretary

**Simplex: 147.42**

The meeting was called to order at 1838.

Those attending:

Blake Haskell	K1BTH	President
Dan Malloy	KA1RDZ	Vice President
Arthur Ashley	N1NHZ	
Paul Olivieri	N1ZKR	Secretary
Jim Clogher	N1ICN	Treasurer
Hank Buccigross	K1QK	
Mark Duff	KB1EKN	
Bob Salow	WA1IDA	
Joe Harris	KB1IXK	
Joe Fratto	N1RLO	
Frank Murphy	N1DHW	
Dick Doherty	KA1TUZ	
Bill Foley	KB1GLF	

*Committee reports:*

Exams: Dick reports that at the February session, there was one candidate and he passed.

Membership Arthur reported that he had no new prospects.

Treasurer Jim reported a balance of \$3304.52.

Public Service Bob reports that The Run to Remember will not use hams for communication this year as they want to try commercial radios. Saturday, April 8 will be the MS Walk in Boston and also a new MS Walk from Wellesley to the Boston Common. BARC will support both events so we will need more hams this year.

The Run of the Charles canoe race will be on April 30, and the Bikes-Not-Bombs bicycle ride (three routes) will be on June 11. The Boston Marathon will be on April 17, and BARC is part of the consortium providing communications along the route. Blake encourages all BARC members to participate, if they are available.

*Old Business:*

Mark reminded that the club will be participating at the Blue Hill Observatory Open House on Saturday April 29.

Frank reported that the web site for the Boxboro convention is not open yet and that as soon as it is available he will reserve the club space.

*New Business:*

It was decided that in case of bad weather on meeting days, the President or Vice President would make a decision to hold or cancel meetings by 3:00 pm, and then ensure that the decision is posted to BARC-list, and that announcements are made on our 145.230 Boston repeater.

Bob showed us an emergency preparedness kit in a backpack that he purchased at Building 19. He said that there might still be some available at the Weymouth Building 19 store.

Blake told us that there will be a drill for the Strategic National Stockpile (SNS) in June and they would like BARC to participate with communications.

The mention of the drill brought up the subject of how to notify members of a need for operators in an emergency. There followed a discussion of how we should do this. It was suggested that there should be some type of "phone tree" notification system. Frank and Arthur will bring suggestions for a system to the next business meeting.

There was also discussion of the status and future of BERT (**B**oston **A**mateur **R**adio **C**lub **E**mergency **R**esponse **T**eam). Blake said that he is too busy to properly take care of BERT to ensure growth and readiness to respond. He is looking for a volunteer leader to take over this function.

There was a consensus that we would like to continue to hold future Business meetings at the Salvation Army second floor cafeteria.

There was a discussion about the ARES drill that was held on February 25 and the use of Echolink and IRLP. There were comments from several members that they found it difficult to participate on 2 meter repeaters in the Boston area as there did not seem to be an organized net. Blake encouraged everyone to send comments about the drill to him and he would forward to ARES leadership.

Bob suggested that we should have a speaker sometime soon at a General meeting about how to set up and use Echolink and IRLP.

>>> *Continued on page 6* >>>

## Radio Range Indicator – A Semitechnical Article

-- Eric Falkof, K1NUN

Many years ago in college, in a mechanical drawing class, we had to create nomograms to show how to depict a calculation in graphic form. This involved slopes, intercepts, corresponding angles, parallel lines, and a whole lot more stuff I've long since forgotten. So, when I found this nomogram in a long ago filed catalog of commercial two-way radio equipment, I had to share it with the members of the Boston Amateur Radio Club.

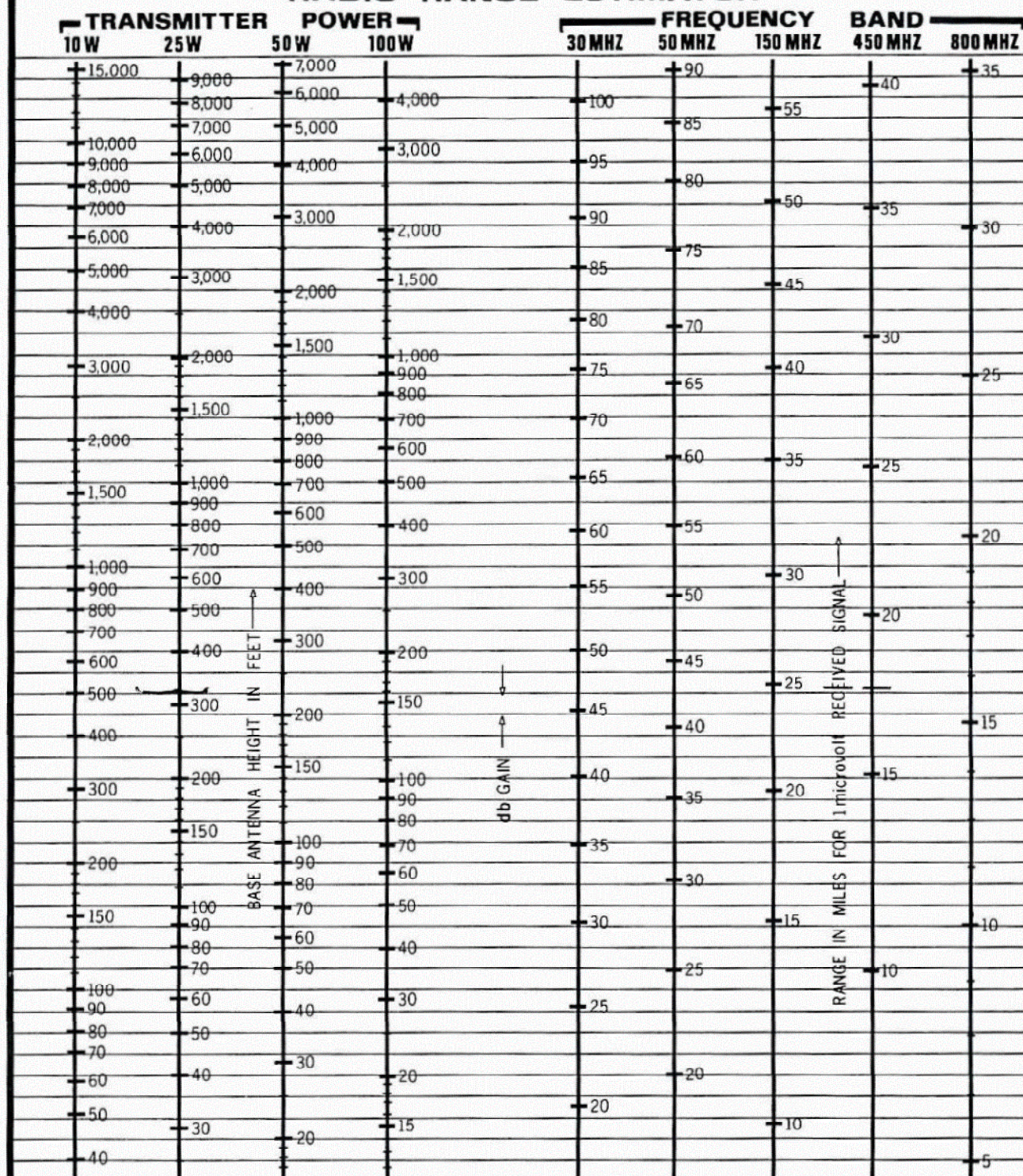
As you can see from the diagram on the next page and its instructions, if you place a straightedge along the correct line for your frequency, antenna altitude, power, antenna gain, and coaxial cable loss, you can determine the range of the complete "system" from the radio to the repeater (or other radio).

Of course, you can use this nomogram backwards. That is, if you want to reach a repeater on a certain band and you know how far away it is, you can determine your power level, get an indication of the quality coax cable you'll need, and how high to mount your antenna.

See? No computer required and no batteries to run down. No math, just a straightedge or ruler and it's all reduced to a simple picture.



# RADIO RANGE ESTIMATOR



1. Locate your base station antenna height on your correct transmitter power vertical column.
2. Find the horizontal line closest to that point.
3. Step up one line for each dB of base station antenna gain and each dB of mobile antenna gain. Step down 1 line for each dB of base station coax line loss and each dB of mobile coax line loss.
4. Move across to the intersection of this line and the correct vertical frequency band. The intersection is the mileage range estimate for a 1 microvolt received signal. To find the .5 microvolt range, go up 6 lines (dB's).

**BEWARE:** Range estimators are nothing more than estimators. They cannot account for local conditions and terrain variations. You can improve the reliability of your estimates by comparing the results with known systems in your area. Then determine what decibel corrections are needed to match these known systems and use the corrections in your future estimates.



>>> Continued from page 4 >>>

The speaker for the March General meeting will be Phil Temples, K9HI.

Blake said that he will try to get Mike Raisbeck, K1TWF, to attend the April 2006 Business meeting to discuss some of our legal concerns. Mike is the Vice Director of the ARRL New England Division. He is an attorney who is a Volunteer Counsel for the ARRL. Blake will send him a list of our concerns.

Mark, KB1EKN, asked to have a discussion about the direction and goals of BARC. Blake polled the members present for their thoughts on this topic. While the discussion continued for some time with everyone being given a chance to speak, no firm goals were set. It seems that in general, everyone present was mostly interested in public service and emergency communications and that the club should concentrate more energy and attention in that area. There was also agreement that while membership numbers have remained fairly steady, we could do more to gain new members and encourage members to become more active.

Everyone agreed that it was a good, thought provoking, and much needed discussion.

Blake will talk with folks off line to try to establish some goals for presentation at the next Business meeting.

There being no further business, the meeting adjourned at 2109.

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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 BARC Business meeting will be held Thursday, April 6 (first Thursday of the month), starting at 6:30 pm. **The April meeting will be held at the Salvation Army Headquarters building, 147 Columbus Ave, at the corner of Berkeley St, in the second floor cafeteria.** Enter the door nearest the parking lot.

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.

## Future Business Meeting Dates

(First Thursday at 6:30 pm)

6 April 2006  
4 May 2006  
1 June 2006  
6 July 2006  
3 August 2006  
7 September 2006

## 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 canceled. 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 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](mailto:n1ist@arrl.net)

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

## Future Exam Dates

(Second Mondays at 7:00 pm)

13 March 2006  
10 April 2006  
8 May 2006  
12 June 2006  
10 July 2006  
14 August 2006

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What happens if you get scared half to death twice?

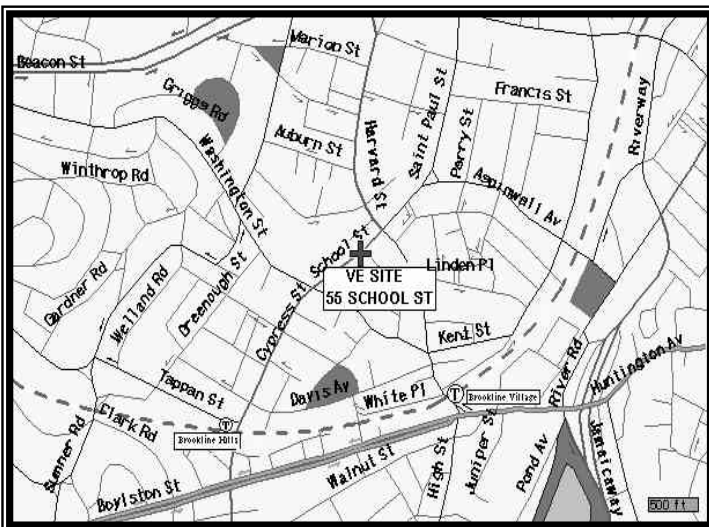
The early bird may get the worm, but the second mouse gets the cheese.

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

**Simplex: 147.42**



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



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

### BARC Officers and Staff

President	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net
Vice President:	Dan Malloy, KA1RDZ	617.387.6025	djmalloy@mwisp.net
Secretary	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@arrl.net
Volunteer Exams	Mike Arda, 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	wa1ida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvcronics.com
Programs & Activities	Dan Malloy, KA1RDZ	617.387.6025	djmalloy@mwisp.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

# ***THE ARRL AND THE EASTERN MASS SECTION COME TO LIGHT***

Phil Temples, K9HI, former Section Manager and now Affiliated Club Coordinator will describe the new ARRL public relations program and how it can benefit us. He will also help us understand that all clubs have similar issues to deal with and how to solve them.

*The next General Meeting is:*  
**16 March 2006 at 7:00 pm**  
**at the Salvation Army Headquarters building**  
***Third Floor Auditorium***  
**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 March issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than April 7, 2006.

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

**POSTMASTER:**  
*Forwarding Service Requested*  
Boston Amateur Radio Club  
PO Box 15585  
Boston MA 02215-0011  
0603

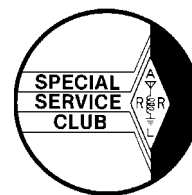




# Boston Amateur Radio Club

## 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 \_\_\_\_\_

### LICENSE CLASS

- \_\_\_\_ Novice
- \_\_\_\_ Technician
- \_\_\_\_ Tech Plus
- \_\_\_\_ General
- \_\_\_\_ Advanced
- \_\_\_\_ Extra
  
- \_\_\_\_ Former ham
- \_\_\_\_ Not yet a ham

### ARRL MEMBERSHIP

- \_\_\_\_ Life
- \_\_\_\_ Annual
- \_\_\_\_ Not a member

### EMCOMM?

1 2 3

Are you an  
ARRL certified VE?

YES NO

The BARC membership list is for club use **only**, including publishing the roster to our members **only**. Do you wish to **restrict** such limited distribution of your:

☐

OMIT ADDRESS

☐

OMIT EVENING PHONE

### IMPORTANT NOTE:

To save the club significant costs, you are encouraged to voluntarily receive (and read) our newsletter, *The SPARC*, 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.

E-MAIL ☐

POSTAL MAIL ☐

### Membership Category

Full year 2006 if paid  
between  
Dec 05 to 31 July 06

Half year 2006 if paid  
between  
1 Aug 06 to 30 Nov 06

**REGULAR MEMBER:** Not otherwise qualified below

**\$23.00**

**\$11.50**

**JUNIOR MEMBER:** Are you under age 18?

**\$12.00**

**\$ 6.00**

**SENIOR MEMBER:** Are you over age 64?

**\$12.00**

**\$ 6.00**

**FAMILY MEMBER:** [Regular member I live with \_\_\_\_\_]

**\$12.00**

**\$ 6.00**

I am the family member to receive club mailings **YES NO**

Note: Each member in the family must complete a separate form.

If you are able, please help support the club's activities and repeaters:

\$

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

Total \$

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

©BARC

- Welcome to the Boston Amateur Radio Club! Join in the fun of being a ham!
- Your cancelled check is your receipt; membership acknowledgement is for the year shown on the newsletter address label.
- Make checks payable to: **BOSTON AMATEUR RADIO CLUB**
- Please write your call sign on your check.

Give to any officer or mail to:

**BOSTON AMATEUR RADIO CLUB**  
**PO Box 15585**  
**Boston MA 02215-0011**

Dues \$ \_\_\_\_\_ Addl \$ \_\_\_\_\_ Recd by \_\_\_\_\_ Date \_\_\_\_\_

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

*Dicipulus  
gratuitus  
est per*