

# The SPARC

## Newsletter of the Boston Amateur Radio Club

Volume XVI, Number 3; March 2004

<http://www.barc.org>

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



### The President's Word

-- Paul Olivieri, N1ZKR

Hello everyone. The recent spate of warmer weather certainly makes it feel like spring is just around the corner. Spring not only brings us flowers and blooms on the trees, but the return of the Public Service events. Then, it will not be long before it's June with Field Day and the beginning of hurricane season. Are you ready? We hope that BARC will be, so we have scheduled a Field Day meeting on Thursday, March 24, 2004 at about 6:30 pm at the food court at the CambridgeSide Galleria. Please come with ideas and enthusiasm so that we can plan for another fun event to come in June.

Thanks to N1IST, N1DHW, and KA1TUZ for their recent visit to the repeater site. The crew did some work that proved to be just what the doctor ordered to get the 145.230 machine back on its circuits and running like it used to with a return of the great coverage that we all like. The Executive Committee approved the purchase of some parts to complete the ability to link the 145.230 and 447.175 machines later this year.

The membership renewals keep coming in. If you have not already done so, why not renew today. Membership forms were included in the Dec. 2003, Jan., and Feb. 2004 issues of *The SPARC*. You can also get an application from the web site: [www.barc.org](http://www.barc.org). Thanks again to everyone who has chosen to receive their newsletter electronically, saving the club the cost of copying and postage.

This month the speaker for the General meeting is Blair Sutherland, Director of Telecommunication for the Massachusetts State Police. One of his topics, interoperability between agencies, should be of great interest to hams as many times we find ourselves working with multiple agencies at public service events. I hope to see many of you at the meeting.

### BARC Repeater Repaired

-- Paul Olivieri, N1ZKR

Our thanks to Mike, N1IST, Frank, N1DHW, and Dick, KA1TUZ, for their expertise at the repeater site. The crew did the right thing to get the 145.230 coverage running like it used to. A future visit is planned to raise the antenna higher so that the window washing apparatus will not block signals from any direction. The Executive Committee at the March Business meeting approved the purchase of some parts to complete the ability to link the 145.230 and 447.175 machines later this year.

### Field Day Planning Meeting

-- Paul Olivieri, N1ZKR

The recent warmer weather certainly makes it feel like spring is just around the corner. Before you know it, it will be June and time once again for Field Day. For 2004, Field Day will be the weekend of June 26 and 27.

Are you ready? We hope that BARC will be, so we have scheduled a Field Day meeting on Thursday, March 24 at 6:30 pm in the food court at the CambridgeSide Galleria. Please come with ideas and enthusiasm. Bring your clear voice - we know it's noisy, but the location is more easily accessible to those who must take public transportation. We plan to plan for another fun event again this June. *We also hope there will not be a conflict with weddings planned for the same time.*

### Canoe Race Hams on the Charles

For the 22nd time, the Charles River Watershed Association (CRWA) is presenting the Run of the Charles (ROTC) canoe race. Hams have supported this event almost since its beginning, and it has been a BARC activity since our beginning.

Once again, we have been asked by CRWA to staff key positions along the river on Sunday, 25 April from early morning to mid-afternoon. The race will be held regardless of the weather.

We are looking for a several hams who have a fair amount of *experience* with public service events. Your own hand-held radio with ample battery supply and a good antenna is a necessity. Operating from a car is not feasible.

If you are interested in participating, please contact Ed Burg, N1VSJ, at [mooseeb@comcast.net](mailto:mooseeb@comcast.net) or at 978.952.6474.

### SKYWARN Training Schedule

The following SKYWARN training sessions are scheduled in the Greater Boston area:

Thurs., 6 May	Walpole Town Hall/Senior Center, Walpole
1900 to 2200	
Sat., 15 May	Braintree Town Hall, Braintree
1200 to 1500	
Thurs., 20 May	Martin Middle School, 131 Caswell St
1900 to 2200	E. Taunton MA
Mon., 7 June	Museum of Science, Boston
1830 to 2130	

SKYWARN is a program sponsored by the National Weather Service (NWS) to increase information regarding surface weather conditions during critical weather events. SKYWARN is supported by a well-organized ham radio activity. Hams play an important part in the identification of local conditions and the reporting to NWS, however, it is not necessary to be an Amateur Radio operator to take this valuable training.

## Wherever You Go There's Weather

Wherever you go in the US, it will be difficult to be out of range of a NOAA All-Hazards Weather Radio. More than 860 transmitters cover all 50 states, with 34 in New England. Each station continually broadcasts the local weather observations and forecasts from a nearby National Weather Service office. When necessary, they also send out alerts to warn the public of potentially life-threatening conditions.

The stations use one of the following frequencies:

162.400 MHz  
162.425 MHz  
162.450 MHz  
162.475 MHz  
162.500 MHz  
162.525 MHz  
162.550 MHz

For additional information, go to: [www.nws.noaa.gov/nwr](http://www.nws.noaa.gov/nwr) .

## Emergency Communications Workshop

An Emergency Communications Workshop is scheduled for Saturday, 3 April at the South Shore Educational Collaborative in Hingham, from 9:00 am to 4:00 pm, including lunch. The facility location is at 90 Industrial Park Road in Hingham (directions below).

This Workshop is presented by the ARES Section Staff through the efforts of Metro Boston ARES District Emergency Coordinator, Mark Duff, KB1EKN. The Workshop will provide background and information for Amateur Radio Operators when needed to respond to a communications emergency. It will feature a comprehensive introduction to emergency communications, and five one-hour training sessions on topics including:

- Overview of the Eastern Massachusetts ARES-RACES-SKYWARN Programs
- Basic Overview of the Incident Command System
- Net Operations
- NTS Traffic Message Handling
- Go Kits
- Interactive Exercises on Field Operations

A one-hour lunch will be provided at no coerced cost to any Amateur who attends.

The topics will be presented by Amateur Radio operators well versed in their subjects. The training is a worthwhile endeavor not just for emergency communicators, but for any ham who wants to learn more about the hobby.

Preregistration is requested, but is not required in case anyone would like to attend at the last minute. We will, however, accept any walk-ins as long as space permits. Preregistration does assist with planning for space and lunch.

Directions to South Shore Educational Collaborative (SSEC):  
90 Industrial Park Road, Hingham, MA.  
N42° 10.521' - W70° 54.791'

**From the north:** Follow Rt. 3 south to Exit 15. Sign says South Hingham-South Weymouth. At the stop sign at the end of ramp, turn left on Derby St. toward South Weymouth. Go 1/8 mile; sign on left says South Shore Park. Take left on Industrial Park Rd. SSEC is down about 1/2 mile on left. Parking is to the left of the building.

**From the south:** Follow Rt. 3 north to Exit 15, South Hingham South-Weymouth. Stay to the right at the end of the ramp on to Derby St. following the sign to South Weymouth. Go over Rt. 3 and drive 1/8 mile; sign on left says South Shore Park. Take left on Industrial Park Rd. SSEC is down about 1/2 mile on left. Parking is to the left of the building.

For any additional information and to preregister for the workshop, please contact:

Mark Duff, KB1EKN - [emgmt@comcast.net](mailto:emgmt@comcast.net)  
Mike Neilsen W1MPN - [w1mpn@ema.arrrl.org](mailto:w1mpn@ema.arrrl.org)

## 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 2004 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 [w1ida@arrrl.net](mailto:w1ida@arrrl.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.

There is considerable cost associated with the mailed hard copy. This can be saved thanks to your acceptance and the generous efforts of Mike, N1IST, who has organized the electronic publication.

## Club Improvements

-- Blake Haskell, K1BTH

The Business Meeting notes in the December 2003 SPARC contained an item as follows: "We will have a 'think tank' meeting shortly to figure out what we can do to attract more people to BARC and the General Meetings. What is the future of BARC?" This article will elaborate on that topic.

Attendance at the General meeting has declined. This has led some club members to ask WHY? Is it because the club is not providing topics of interest for the members? Is the club properly addressing the needs of its members? And, by the way, what are club members interested in?

To answer these questions and to gather feedback from club members we plan to hold an "Idea Generation" session that will be open to all club members. The objective of the session is to determine what club members want from the club. We will attempt to hold the session at a time and place be convenient for most people. If the place happens to be at a site not serviced by public transportation we will car pool to bring as many members as possible to the site. We are considering a 4-hour meeting possibly to be held on a Saturday sometime after the storm season has passed.

Changes may be needed in the club activities both to satisfy the needs of existing members and to attract new ones. The only way we will know that is to ask.

## **BARC is Always Looking for Good Speakers**

-- Blake Haskell, K1BTH

Now that the New Year is upon us, please help me out by submitting ideas for speakers. I am a one-man army and can only do so much. I need ideas! There are so many different aspects of this hobby that we should have people lining up with ideas. If you have an idea for a speaker or presentation, please feel free to send them to me. You can reach me at **K1BTH@arrl.net**. My telephone number is 781 925-9900. Remember – this is your club. Tell me what you want and I'll try to make it happen.

Additionally, don't be bashful about making a presentation yourself. It's lucrative – you get free parking and we'll even throw in a one-year membership to BARC.

Thanks, and I look forward to hearing from you.

## **New Badges For All Members**

New club badges have been made for all members. If you didn't get yours yet, pick it up at any BARC meeting. A clip is provided with the badge. If you cannot make it to a meeting (General or Business), send a SASE to the club PO box with your request. Unfortunately, the clips cannot be sent in the mail, so it's best to pick up your badge at a meeting.

## **Hunting all VEs**

-- Mike Ardai, N1IST

We are looking for VEs to help out with the BARC VE sessions. Most of the time we have at least the required 3 for them, but sometimes we may need some more, especially if one of the regulars can't make it. If you are an ARRL-accredited VE, please drop a note to Dick, KA1TUZ (**ka1tuz@arrl.net**) and let him know when you might be available to help out.

## **March General Meeting**

-- Blake Haskell, K1BTH

The next General meeting of the Boston Amateur Radio Club will be on Thursday, March 18, 2004. At the meeting, Blair Sutherland, Director of Telecommunications for the Massachusetts State Police, will review the MSP 800 MHz trunking system, agency interoperability, and public safety in Massachusetts.

Mr. Sutherland came to the State Police from the Statewide Emergency Telecommunications Board where he was Deputy Director. He and his colleagues oversaw the implementation of the statewide E 911 system in the Commonwealth.

Prior to that he was a long-time employee of Boston EMS where he held both field and operations positions.

The General meetings are held on the third Thursday of each month at the Salvation Army, 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 the rear of the station and walk down Columbus), and Copley or Arlington (use the Berkeley St exit) 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 of this newsletter.

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)

18 March 2004

15 April 2004

20 May 2004

17 June 2004

## **Minutes of the Boston Amateur Radio Club Business Meeting**

March 4, 2004 - Recorded by Mike Ardai, N1IST, Secretary

Present were:

Mike Ardai	N1IST	Secretary
Jim Clogher	N1ICN	Treasurer
Dick Doherty	KA1TUZ	
Mark Duff	KB1EKN	
Joseph Harris	KB1IXK	
Ed Hennessy	N1PBA	
Dan Malloy	KA1RDZ	
Paul Olivieri	N1ZKR	President
Bob Salow	WA1IDA	Public Service
Joe Scully	K1SQT	

The meeting started at approximately 1839 hrs.

N1IST, KA1TUZ, and N1DHW visited the repeater and made some improvements. The diplexer has been removed from the 2M antenna and a separate control RX has been reinstalled. A new controller for 447.175 is being built by N1IST. A motion was passed to purchase a linking board for .23 that will allow linking the two repeaters.

MIT donated a used ambulance to SATERN to use as a communications vehicle. Paint and mechanical work has been completed. The one built last year has been relocated to the Salvation Army in Springfield.

The weekly SATERN net meets 0900 Saturdays on 7.265 MHz. Please check in if you can.

We received a certificate from the National Weather Service thanking us for our effort on Skywarn Recognition Day.

W1BOS/MQE QSL cards are in for Skywarn Recognition Day.

There will be a Field Day planning meeting on Thursday, March 25th, 1830 at the Galleria Mall food court.

The March SPARC will be folded at the Galleria Mall food court on Wednesday, March 10 at 1830. We need help folding the newsletters each month; contact N1ZKR if you can help out.

New BARC name badges are in! These are a new format, and new ones have been made for all BARC members. Please pick yours up at a meeting (Business or General) or send a SASE to the club PO box. Badge clips will be available only at the meetings.

There will be a CEMARC meeting on March 13 in Marlboro.

Upcoming public service events: May 16 - MS Walk; September 5 - Monster Triathlon; October 10 - BAA Half Marathon

We are (as usual) looking for speakers for the General meeting. Please contact K1BTH with any ideas.

The meeting adjourned at 2040.

This is where the real business of BARC is conducted. If you have any suggestions, questions or comments, this is where to bring them. All members are welcome (and encouraged) to join us at this meeting.

The next Boston Amateur Radio Club Business meeting will be held Thursday, April 1 (1st Thursday of each month), starting at 6:30 pm. We meet at the Parlin Memorial Library, 410 Broadway (Rt 99), Everett MA. Parking is available on the street, or across the street behind the post office. The #110 T bus from Wellington stops across the street

## Future Business Meeting Dates

(First Thursday at 6:30 p.m.)

6 May 2004  
3 June 2004  
1 July 2004  
5 August 2004

2 September 2004

## BARC VE Session

The Boston Amateur Radio Club holds its monthly VE session on the second Monday of each month. The next session will be at 7 pm on Monday, January 12, 2004 at the Pierce School, 50 School St in Brookline; Room 110, next to the cafeteria.

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 (first Monday in October due to Columbus Day).

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: [http://www.barc.org/barc/school\\_map.gif](http://www.barc.org/barc/school_map.gif) for more info. This map also appears on page 7 of this newsletter.

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)
- **\$12.00** (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 \$12 fee. Code and written tests can be taken together at the same session for a single \$12 fee.

The needed FCC forms will be provided.

For further information, contact:

Mike Ar dai, N1IST, 781.321.7939 [n1ist@arrl.net](mailto:n1ist@arrl.net)

Dick Doherty, KA1TUZ, 617.969.4880 [ka1tuz@arrl.net](mailto:ka1tuz@arrl.net)

## VE session scheduling note

If the Brookline public schools (or the Pierce School itself) are 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 (first Monday in October due to Columbus Day).

/mike - N1IST

BARC VE Team Liaison

## Future Exam Dates

(Second Mondays at 7:00 pm)

12 April 2004  
10 May 2004  
14 June 2004  
12 July 2004  
9 August 2004  
13 September 2004

## I See the Future

14 Mar	BARC Breakfast
18 Mar	BARC General Meeting
28 Mar	FARA Flea (Framingham)
1 Apr	BARC Business Meeting
11 Apr	BARC Breakfast
17 Apr	NE Antique RC (Nashua NH)
18 Apr	MIT Flea
30 Apr, 1 May	Hoss Traders Flea (Hopkinton NH)
10 May	FC ARC Flea (Whately)
16 May	Multiple Sclerosis Walk <b>(Rp)</b>
16 May	MIT Flea
14-15 Aug	ARRL NE Div Conv (Boxboro)

**(Rp)** = Repeater(s) may be used for event

As you might expect, there are many more events (public service, hamfests, flea markets, etc.) taking place - some only peripheral to ham radio. For information on these, covering New England and some of New York, the "Ham - Electronic Flea Market" and the "PSLIST" lists tell the story. They are posted by e-mail to barc-list and on PBBSs regularly. If needed, contact any club member who has access to these.

## Hams Needed For the Multiple Sclerosis Walk

-- Bob Salow, WA1IDA

Hams will be needed for the Boston Multiple Sclerosis Walk, which will be held on **Sunday, 16 May** from mid-morning to mid-afternoon. We have supported this event for many years, protecting the safety of thousands of walkers, and earning the gratitude of the sponsors.

However, at this writing, the MS Society is facing a significant administrative problem: the venue and route have not yet been selected or approved. The best guess is that some Boston or Cambridge MDC area is likely.

While our team is familiar with most suitable locations in the Greater Boston area, we will have to make a communications review if it is in a location we have not supported before.

Other than the venue, there should be no significant changes from the many years we have assisted this event. We need about 20 hams to staff the checkpoints, the hazardous locations and to shadow the key people. As usual, we would meet for orientation and assignment at 1000 - probably at wherever the Start/Finish is located. We are usually finished before 1430.

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

The likely plan will be to use both 2-meter and 70-cm repeaters. There may be some mobile assignments; if you have a magnetic mount antenna, bring it. Lunch will be provided for all volunteers.

Because there may be some last minute planning and field tests necessary, your early volunteering will be appreciated. If you are able to lend a hand in the weeks before the event, let me know.

Contact the Coordinator, Bob Salow, WA1IDA, to sign up or for more information. You can reach Bob by email at **wa1ida@arrl.net** or by phone at 508.650.9440.

## BARC Monthly Breakfast

BARC holds a social breakfast on the second Sunday of each month; the next is March 14, followed by April 11. We meet at the Old Country Buffet at the Watertown Mall at 8:30 am.

We just get together, socialize and eat, without having any formal club events or business. Family and friends of club members are welcome also. The extensive buffet breakfast is *very* good. The cost is reasonable at \$7.23; for seniors it is \$6.71.

The Old Country Buffet is in the Watertown Mall, on Arsenal St. in Watertown. There is plenty of mall parking. 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.

## Orange Caps for Emergency and Public Service Events

With the season of public service events almost upon us, BARC has a supply of the bright orange caps for use at emergency or public service events. They are adjustable to fit all but the very largest heads, and proclaim, "*Emergency Communications.*" They are \$5.00, and are available at club meetings, or contact Dick, KA1TUZ or Bob, WA1IDA.

## BARC Net Preamble

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

Calling the Boston Amateur Radio Club net. This is <<**YOUR CALL**>>, my name is <<**YOUR NAME**>> and I am located in <<**YOUR TOWN**>>. This net meets each Monday evening at 9 pm Eastern Time on the 145.230 Boston repeater, PL 88.5. This net is an informal round table discussion concerning matters of interest to the members of the Boston Amateur Radio Club and the Boston Amateur Radio community in general. When checking into the net, please say, "this is" and drop your carrier to check on doubling. Then give your call sign, name and location. All amateurs are welcome to join the net. Any checkins for the Boston Amateur Radio Club net please call now.

....

Is there any further business for the net before I close?

Hearing nothing, this is <<**YOUR CALL**>> closing tonight's session of the Boston Amateur Radio Club Net. I would like to thank everyone who participated in the net and those who stood by

**Simplex: 147.42**

while I ran the net. The Boston Amateur Radio Club Net will return next Monday evening at 9 pm Eastern Time. This is <<YOUR CALL>> returning the repeater to general amateur use; 73.

## Net Volunteers Needed

The Eastern Massachusetts 2M Traffic Net, the Heavy Hitters' Traffic Net, and the BARC Club Net are always in need of volunteers to act as Net Control Station. This is excellent practice for emergency communications, and also an opportunity to sharpen your operating skills among a friendly group of people. For further information please contact Mike Ar dai, NIIST.

## Catch Us on the Internet!

-- Mike Ar dai, NIIST

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, VE sessions, links to other radio clubs, and a club roster (only names, call signs, and email addresses are on-line). If you have any suggestions, please let me know at [nlist@arrrl.net](mailto:nlist@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> under <pub/hamradio>. We've got a mirror of the ARRL infoser ver, BARC documents, ham radio software, and a huge mods archive.

We also run a club email 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.

## Several Hundred Boston Area Hams Could Be Reading Your Ad Right Now

*The SPARC* accepts commercial advertisements. BARC encourages monthly promotion of your products and services which would be of interest to our hundreds of members and others interested in the Amateur Radio Service.

Rates for display advertising are:

1 col x 2 in. (business card)	\$10 per issue
1 col x 2 in. (business card)	\$50 per 6 consecutive months
1 col x 2 in. (business card)	\$90 per 12 consecutive months
1 col x 4 in. (1/2 col)	\$20 per issue
1 col x 9.5 in. (full col)	\$40 per issue

Originals of ads must be presented to the Editor in MS Word or .jpg format to print 1:1. Other composition will be at extra cost. We will be glad to quote other ad sizes and durations.

Members are urged to seek and enlist prospective advertisers who are appropriate to our readers.

For additional information, contact Paul Carter at [n1tmf@pvctronics.com](mailto:n1tmf@pvctronics.com) or 617.232.6982; or Bob Salow at [wa1ida@arrrl.net](mailto:wa1ida@arrrl.net) or 508.650.9440.

## Your Ad Could Have Been Here

Are you a depressed BARC member because you have a treasure you must turn to cash and you couldn't make it to the last flea market? Well, cheer up, Bunky! *The SPARC* will run your (non-business) ad for free. Of course, a 10% donation if you sell it (and of course you will) will be cheerfully accepted. Just send your ad to Editor Paul Carter, N1TMF at [n1tmf@pvctronics.com](mailto:n1tmf@pvctronics.com).

## Three ARRL Awards Discontinued

-- ARRL Letter, 13 February 2004

Effective immediately, the ARRL Awards Branch has discontinued the Rag Chewer's Club, the Old Timer's Club and the Friendship Award. ARRL Membership Services Manager Wayne Mills, N7NG, says that the number of amateurs applying for awards in general has declined significantly over the years, and interest in these three awards had slowed to a trickle. DXCC and WAS remain among the most popular ARRL Awards, he said, but the eliminated awards, "had outlived their interest level." For more information on ARRL awards, visit the ARRL Awards Program page, [www.arrrl.org/awards/](http://www.arrrl.org/awards/).

## I'm Looking for a Summer Job

I'm a BARC member who will be 16 in June. I am looking for either a summer job or an internship. I'm interested and eager to learn more about science or technology, but I will take almost anything to keep my mind (and hands) busy.

My main restriction is that the job location would need to be accessible by public transportation. If you know of anything or have any contacts, please email me at [kb1eip@arrrl.net](mailto:kb1eip@arrrl.net)

Thanks,  
Joseph, KB1EIP

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Why do "slow down" and "slow up" mean the same thing?

Why do "fat chance" and "slim chance" mean the same thing?

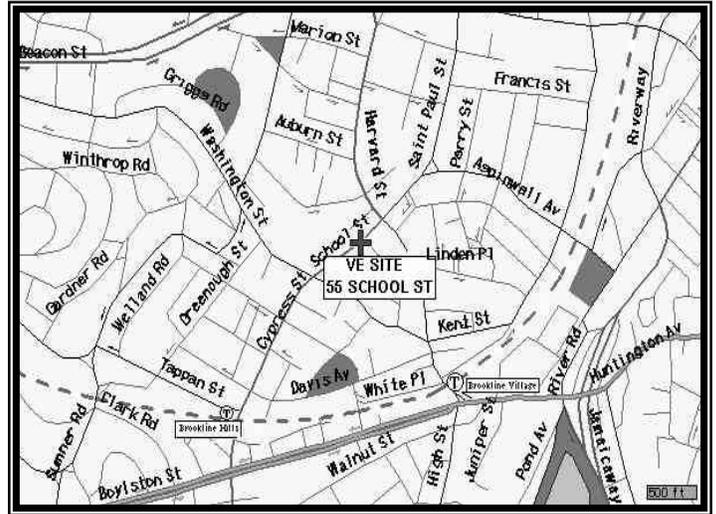
Why do we sing, "Take me out to the ball game," when we are already there?

Why are a "wise man" and a "wise guy" opposites?

Why do "overlook" and "oversee" mean opposite things?



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	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Vice President:	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net
Secretary	Mike Ar dai, N1IST	781.321.7939	n1ist@arrl.net
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@rcn.com
Volunteer Exams	Mike Ar dai, N1IST	781.321.7939	n1ist@arrl.net
	Dick Doherty, KA1TUZ	617.969.4880	ka1tuz@arrl.net
Membership	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvcronics.com
Programs & Activities	Blake Haskell, K1BTH	781.925.9900	k1bth@arrl.net

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

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

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

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 © 2004, 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 10:30 pm	Heavy Hitters Traffic Net (NTS)	146.640
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Tue 9 pm	EMA Public Safety Net	145.230 (PL 88.5)
Tue 9 pm	NETARC Satellite Net W1ME, NCS	446.575 (PL 88.5)
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	Amsat Net N1OHJ, NCS	146.640
Fri 9 pm	SWAT Net and Net Control 101	145.230 (PL 88.5)
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net (6M)	50.275
Sun 7 pm	Youth Net	146.610 and all MMRA links
Sun 7 pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newsl ine)	145.470
4th Sundays 9:30 pm	EMA Section ARES Net	146.610 and all MMRA links

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

Simplex: 147.42