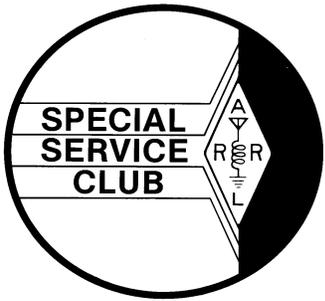




The SPARC

Volume XV, Number 11; November 2003
Newsletter of the Boston Amateur Radio Club
<http://www.barcl.org>
w1bos@arrl.net



The President's Word

Paul Olivieri, N1ZKR

Greetings everyone. A big "thank you" to all who participated in the SET by checking into the nets on Saturday November 8th (this is a drill.) The scenario was a major winter storm with heavy wet snow and strong winds. I'm glad that everyone remembered to say, "This is a drill" because the reports made it seem quite real. Thanks to the Salvation Army for the use of their communications facilities for Metro Boston ARES Net Control.

While this was a drill, we could get a real storm again this winter. Remember the President's Day blizzard of '03?

Plans *are* going forward for an ARRL Level I EMCOM "course in a weekend" to be sponsored by BARC. Blake K1BTH is working on it, but it takes a lot to make a program like this happen. Thank you for your patience.

Plans also have been made for the Holiday Party to be at the Tin Tin Buffet on North Beacon Street (near Market Street) in Brighton. This will be on Thursday December 18, 2003 instead of the regular General Meeting. Please RSVP so that we have an idea of how many folks will attend. Remember, xyl's and family are invited.

Plans are in the works for an e-mail distribution of the SPARC. This option will be available as a selection when you renew your membership in December. This will save the club the cost of producing and mailing a paper copy. (still available, if you wish) I hope that you will consider this opportunity to help the club save.

Take care and "73" to all.

Third Annual Half Marathon – Run and Done

Bob Salow, WA1IDA

The weather was not delightful, but the hour was frightful. Hams getting together in the dark was not a pretty sight (if one could see at all). The event was the third running of the BAA Half Marathon on a certified course - 98% in Boston and 2% in Brookline. On Sunday, 12 October, we deployed hams along the beautiful Emerald Necklace, from Clemente Field in the Fenway to the Franklin Park Zoo and back. As requested, we supported medical and water stations, certain hazardous locations and administrative needs.

The Half Marathon is a recognized event in the running field. With the success of the second running last year, the 4000 openings for this year were grabbed within days of the announcement. When the BAA Half Marathon was over, we received the gratitude of not only the BAA staff and the medical team, but also the Boston and State Police and the Boston Emergency Medical Service for our professional integration with them. Here's who we were:

Ed	Anders	W1PD
John	Antes	KB1EB
Arthur	Ashley	N1NHZ
Walt	Bjornson	WA1WUV
Hank	Buccigross	K1QK
Ralph	Devlin	N1LAH
Mark	Duff	KB1EKN
Geri	Duff	KB1ISG
Eric	Falkof	K1NUN
Ed	Friedman	KA1SAX
Jane	Gookin	NZ1K
Rich	Kilmartin	KB2WAU
Giampaolo	Malin	W1ITA
Bill	O'Hara III	KB1IUB
Paul	Olivieri	N1ZKR
Bob	Salow	WA1IDA
Pete	Simoneau	KD1QS

SET Thank You

Mark Duff, KB1EKN

A sincere thank you and job well done to all who participated in the SET held November 8th. The exercise was a huge success and much was learned. Mistakes were made as well and we will correct them. Training allows us to realize our strong points and week points and take appropriate action.

A special thanks goes to the Salvation Army who generously allowed ARES to use their facility as the Metro-Boston NET Control. The Salvation Army and several club members have created a wonderful Communications/EOC facility at their headquarters in downtown Boston and deserve much credit. The next time you are at a BARC general meeting ask Bill Foley or Frank Murphy for a tour. You will be pleasantly surprised. I would also like to thank Bill McIninch/KA1MOM for the wonderful PR he provided.

A job well done by all.

Mark Duff/KB1EKN
Metro-Boston DEC

SKYWARN Recognition Day

The fifth annual SKYWARN Recognition Day (SRD) will take place this year on Saturday, 6 December. This is the day that Amateur Radio operators may visit National Weather Service (NWS) offices and contact other operators around the world. The purpose of the event is to recognize Amateur Radio operators for the vital public service they perform during times of severe weather, and to strengthen the bond between radio amateurs and their local National Weather Service office. The event is co-sponsored by the ARRL and the National Weather Service.

Traditionally, hams have assisted the National Weather Service during times of severe weather by providing real-time reports of severe events and storm evolution. "You simply can't put a price tag on it", says Scott Mentzer (N0QE), organizer of the event and Meteorologist-In-Charge at the NWS office in Goodland, Kansas. "The assistance that radio amateurs provide to the NWS throughout the year is invaluable."

SKYWARN Recognition Day this year will be held from 0000Z to 2400Z on 6 December. In 2002, participants logged nearly 23,000 QSOs during the 24-hour event. Last year nearly 70 countries were contacted. To learn more about this year's event, check out the NOAA Web site: <http://hamradio.noaa.gov/>. This site includes a link to a list of participating National Weather Service offices and their call signs.

An announcement on SKYWARN Recognition Day also appears in November, 2003, *QST*, pg. 90, and at: www.arrl.org/fandes/field/skywarn-recognition-day.html.

QTH Mailing Lists Need Your Help

Editor's note: barc-list is one of the QTH mailing lists. They are supporting club communications and deserve our support in return.

QTH mailing lists are funded by user contributions. We are CRITICALLY short of funding and request your support. It does not have to be a big donation; the average contribution is about 15 dollars. With the number of users we have it should only be necessary to donate every few years, BUT.... most of you are ignoring these requests. The same users keep the QTH lists alive and it's not proper to expect them to continue this forever. If you use these lists and they are important to you then help us, otherwise they will be gone in a few months.

QTH lists are for Hams and are operated by Hams, we strive to keep the lists private, spam free and a fun place to increase your knowledge, meet new friends and play radio in general. Our hobby

is being attacked from all directions at the moment and now more than ever we need your support to keep this venue open.

Please consider a donation today!

Through the PayPal service we can now accept donations in the following:

U.S. Dollars Canadian Dollars Euro's Pounds Sterling Yen

If you are not a PayPal user it is recommended you take a look at their services...Fast, Secure and Reliable....

If you can contribute, please do it today.

By Credit Card <http://proxy.qsl.net/donation>

PayPal <http://www.paypal.com> (account k3tkj@qsl.net)

BidPay <http://www.bidpay.com> (account k3tkj@qsl.net)

Donations by mail:

QSL.NET

34087 Old Hickory Road

Laurel, Delaware 19956

Here We Go Again

Bob Salow, WA1IDA

MediaOne, AT&T, and now Comcast. If your Internet Service Provider (ISP) has gone this route, you have been forced to change your email address. You should have followed the new Comcast instructions. Then, if you do not have an alias address which takes care of this, please notify Bob, WA1IDA, the BARC Keeper of the Database.

If you find you must now notify everyone who sends you email of your new address, consider using the alias service from ARRL or AMSAT, among others. This way, you have one constant address for your correspondents, and you need change only the one forwarding address with the alias service.

Address Change

Note that the email address for Treasurer, Jim Clogher, N1ICN, is now n1icn@rcn.com. Please correct your records.

November General Meeting

This month's BARC General Meeting is on November 20 at 7 p.m. Our guest speakers will be Rick Meuse, N1HID and Bill Foster, KD1NX who will speak on the use of satellites and more specifically, AO-40 usage. Rick has been a long-time member of BARC and is very visible at public service events and on the nets. Bill has been a satellite aficionado for some time now and brings a lot to the table.

The General meetings are held on the third Thursday of each month at the Salvation Army second floor auditorium, 147

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

Simplex: 147.42

Columbus Avenue, at the corner of Berkeley and Columbus. Our meetings are convenient to public transportation. Nearest T stations are Back Bay on the Orange line (exit the rear of the station) and Arlington on the Green line (use the Berkeley Street exit).

Parking is available; the entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). It is also T accessible; the nearest T stations are Back Bay on the Orange and Purple lines (exit the rear of the station by the bus way and walk down Columbus) and Copley or Arlington on the Green line. A map appears on page 7 of the newsletter.

People arriving after 7:15 p.m. need to ring the bell at the door to be admitted, as the door is locked then.

BARC is Always Looking for Good Speakers

Blake Haskell, K1BTH

As the New Year approaches, 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.

Future General Meeting Dates

(Third Thursdays at 7 p.m.)

18 December 2003 (*Holiday Party*)
15 January 2004
19 February 2004
18 March 2004
15 April 2004

Minutes of the Boston Amateur Radio Club Business Meeting

November 6, 2003

Recorded by Mike Ardai, N1IST, Secretary

Present were:

Mike Ardai, N1IST, Secretary
Hank Buccigross, K1QK
Mark Duff, KB1EKN
Joseph Harris, KB1IXK
Blake Haskell, K1BTH, Vice President
Ed Hennessy, N1PBA

Dave Morris, KB1EGW
Paul Olivieri, N1ZKR, President
Sam Pagan, KB1KEK
Bob Salow, WA1IDA, Public Services

The meeting started at approximately 18:50 hrs.

Remember that the Business meeting now starts at 18:30, not 19:00.

Dave Morris from the Boston Police Department Area B-3 Radio Association presented the work that they are doing getting community youth interested in electronics/ham radio. This will initially be a 6 month program for about 6-8 kids as part of the ARRL's "Big Project", and he is looking for assistance from BARC. Keep an eye on the SPARC or come to the business meeting for more info.

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 only be available at the meetings.

The holiday dinner reservation form and Ham of the Year nomination form will be in the November SPARC. The 2004 membership renewal application will be in the December SPARC.

The BARC repeaters (145.23 and 447.175) will be down 11/22-11/23 while the building they are on gets some new window-washing equipment installed. We will try to have some sort of temporary repeater on the air instead.

We will be operating a special event station on 12/6 for SKYWARN and the Blue Hills observatory - the home of the oldest continuous weather monitoring. Operations will be indoors and run roughly from 8 or 9 AM to 3 or 4 PM. Contact Mark, KB1EKN at emgmt@comcast.net if you can help out.

If you hear any unlicensed operators, people breaking FCC rules, or just being annoying on the repeaters, please just ignore them. Don't egg them on - that gives them the attention they want and we don't want to encourage them. If they are doing something illegal, please get a recording on tape.

Speakers:

o November: Rick Meuse, N1HID and Bill Foster, KD1NX
o December: Holiday Dinner

The meeting adjourned at 20:45 hrs.

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, December 4 (1st Thursday of the month), 7 pm. We meet at the Parlin library in Everett. There is free parking across the street behind the post office. The 110 bus from Wellington stops across the street

Future Business Meeting Dates

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

8 January 2004 (subject to change)

5 February 2004

4 March 2004

1 April 2004

Orange Caps for Emergency and Public Service Events

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."

The price is \$5.00, and they are available at club meetings, or contact Dick, KA1TUZ or Bob, WA1IDA.

BARC Growth

It's a rare month when we fail to add a few new members. Periodically we publish their names so that you can give them a special welcome. There may also be some upgrades and long lost members who rejoin, so greet them, too.

Chris Hubbard	new call - K1HU
Pavlik Mintz	KB1EEV
Dave Morris	KB1EGW

Please welcome the new BARC members and congratulate the new upgrades. Make it a point to introduce yourself when you see them at a meeting. In addition, we would like to note here all call sign changes. If you fit any of these categories, please promptly notify the Keeper of the Database, Bob Salow, WA1IDA at: 508.650.9440 or email: walida@arrl.net.

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 7pm on Monday, December 8, 2003 at the Pierce School at 50 School Street in Brookline, Room 110 next to the cafeteria.

There is a free parking garage at the circular driveway. If driving, enter School Street from the Washington street side (opposite 394 Washington,) rather than from Harvard Street. Check:

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 Green Line to the Brookline Village station. Walk north along Harvard Street 0.2 miles to School Street then turn left. The Pierce School is on the left. The #66 bus runs on Harvard Street, crossing School Street.

Talk in on 145.23(-), PL 88.5.

We give all exams (Technician thru Extra, CW and written), and 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 CSCE's 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 nlist@arrl.net

Dick Doherty, KA1TUZ 617.969.4880 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

12 January 2004

9 February 2004

8 March 2004

12 April 2004

I See the Future

15 Nov	WARA+1200 Auction (Newton)
20 Nov	BARC General Meeting
4 Dec	BARC Business Meeting
14 Dec	BARC Breakfast
18 Dec	BARC Holiday Party (Replaces General Meeting)
8 Jan	BARC Business meeting (subject to change)
11 Jan	BARC Breakfast
15 Jan	BARC General Meeting
17 Jan	NE Antique RC (Nashua NH)
14 Feb	AARC Flea (Marlboro)

(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

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

"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.

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which will be December 14 next month. We'll be meeting at the Old Country Buffet at the Watertown Mall at 8:30am.

They are *very* good, offering an extensive breakfast buffet, costing \$7.02 (including taxes) per person.

We just intend to get together, socialize and eat, without having any formal club events or business. Family and friends of club members are welcome also. If you are not a BARC member, you too are invited to meet with us and see what we're all about.

The Old Country Buffet is in the Watertown Mall, on Arsenal St. in Watertown. From Memorial Drive continue on Greenough Boulevard to the Watertown exit, and then turn right onto Arsenal St. There is plenty of mall parking. The #70 T bus from Central Square Cambridge to Watertown Square stops right at the Watertown Mall. Hope to see all of you there – and bring your appetite!

BARC Net Preamble

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

Calling the Boston Amateur Radio Club net. This is <<YOUR CALL>>, my name is <<YOUR NAME>> and I am located in <<YOUR TOWN>>. This net meets each Monday evening at 9 PM Eastern Time on the 145.23 Boston repeater, PL 88.5. This net is an informal round table discussion concerning matters of interest to the members of the Boston Amateur Radio Club and the Boston Amateur radio community in general. When checking into the net, please say, "this is" and drop your carrier to check on doubling. Then give your call sign, name and location. All amateurs are welcome to join the net. Any checkins for the Boston Amateur Radio Club net please call now.

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

Hearing nothing, this is <<YOUR CALL>> closing tonight's session of the Boston Amateur Radio Club Net. I would like to thank everyone who participated in the net and those who stood by while I ran the net. The Boston Amateur Radio Club net will return next Monday evening at 9 PM Eastern Time. This is <<YOUR CALL>> returning the repeater to general amateur use. 73.

Be an Instructor – Here's Help

The ARRL Field and Educational Services is pleased to announce the newest resource for active Volunteer Instructors: *The Online Instructor Primer*.

This new compilation by Linda Mullally, KB1HSV, is jam-packed with helpful tips, links, and tutorials that are sure to help instructors eager to try new ideas and approaches. The web primer is organized so that information can be located in an instant. Just use the handy index, and topics ranging like "Planning" "How to Get Volunteers to Teach" and "Take Advantage of Special Events" are just a key-click away.

Quick-links give you full-access to many ARRL services. Becoming a Volunteer Instructor has never been made easier. Go ahead - read why being an Instructor can be so rewarding! Just go to www.arrl.org/fandes/ead/instructor/oip/ see how easy it has become to be an instructor.

Ham Radio News as Close as Your Cell Phone

-- ARRL Letter, October 17, 2003

With many major cellular telephone calling plans largely eliminating roaming charges and offering "free nights and weekends," ARRL Audio News dial-up Amateur Radio news service now is more available than ever. Using your cell phone, you can keep up with Amateur Radio news even if you're someplace where you don't have Internet or email access. Amateur Radio news is as close as your cell phone!

Have a few minutes while you're waiting for the train, bus, car pool or connecting flight too? Just call 860.594.0384 to stay informed. ARRL Audio News remains available on the ARRL Web site www.arrl.org/arrlletter/audio/.

Haynie: Letters=Voters=Support On Amateur Radio Legislation

The ARRL Letter
Vol. 22, No. 41
October 17, 2003

ARRL President Jim Haynie, W5JBP, says the good news is that the number of House cosponsors for the Amateur Radio Spectrum Protection Act, HR 713, has topped 50. The Senate version of the legislation, S 537, now has eight cosponsors. The downside, Haynie says, is that the Spectrum Protection Bill as well as the Amateur Radio Emergency Communications Consistency Act, HR 1478, will need many more cosponsors if either is to succeed.

"I'm frustrated," Haynie said this week. "Neither one of these bills is ever going to see the light of day unless we get more cosponsors." While thanking those who already have done so, Haynie again encouraged ARRL members to not only urge their senators and representatives to cosponsor the bills but to write and ask them to actively support them.

"It's going to take 10,000 letters, it's going to take 50,000 letters or contacts," Haynie said. "To me, this is a no-brainer. This is something that's important to the future of Amateur Radio."

Sponsored in the House by Rep Michael Bilirakis (R-FL) and in the Senate by Sen Michael Crapo (R-ID), the Spectrum Protection Act would require the FCC to provide "equivalent replacement spectrum" to Amateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs.

HR 713 has been referred to the Subcommittee on Telecommunications and the Internet. In June, Haynie testified before that panel, telling lawmakers that that hams have lost more than 100 MHz of VHF and UHF spectrum over the past 15 years and that another nearly 360 MHz of VHF and UHF spectrum "has been substantially compromised." S 537 has been referred to the Committee on Commerce, Science, and Transportation.

The Amateur Radio Emergency Communications Consistency Act, HR 1478—known informally as "the CC&R bill"—would require private land-use regulators such as homeowners' associations to "reasonably accommodate" Amateur Radio antennas consistent with the PRB-1 limited federal preemption. PRB-1 now applies only to states and municipalities. Introduced by Rep Steve Israel (D-NY), the bill has been referred to the House Commerce Subcommittee on Telecommunications and the Internet and now has 29 cosponsors.

Haynie says that if ARRL members value Amateur Radio and want these proposals to succeed, they'll make the time to write letters or send e-mails pushing for support of the three measures. "Peoples' own words and their own expressions are what's going to count, not some canned letter from Newington," Haynie said, while conceding that a form letter "is better than nothing." Haynie said a personally crafted letter or e-mail "adds a lot of weight."

"We'll do our part to get more organizations to support these bills," Haynie said. The League has been contacting other organizations involved in public safety that have firsthand knowledge of the value of ham radio to the public and advocating their support. But, Haynie said, letters from individual voters get the most attention.

"I can't emphasize enough the importance of that contact to the member of Congress from the constituents out there in the district," Haynie concluded, "because that's the ticket."

For guidance on the best methods of contacting your members of Congress, see "Communicating with Congress," by Derek Riker, KB3JLF, on the ARRL Web site

<http://www.arrl.org/news/bandthreat/0304046.pdf>

or in the April 2003 issue of QST (p 46).

Additional information—including the bills' texts and information on how to write your congressperson or senators—is on the ARRL's "The Amateur Radio Spectrum Protection Act of 2003" Web page

<http://www.arrl.org/govrelations/arspa.html>

and on the "HR 1478, The Amateur Radio Emergency Communications Consistency Act of 2003" Web page

<http://www.arrl.org/govrelations/hr1478/>

Those writing their lawmakers on behalf of either bill are asked to copy their correspondence to the League via e-mail: Spectrum Protection Act, HR 713/S 637 specbill03@arrl.org or Amateur Radio Emergency Communications Consistency Act, HR 1478 ccr-bill@arrl.org

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 prospective advertisers who are appropriate to our readers.

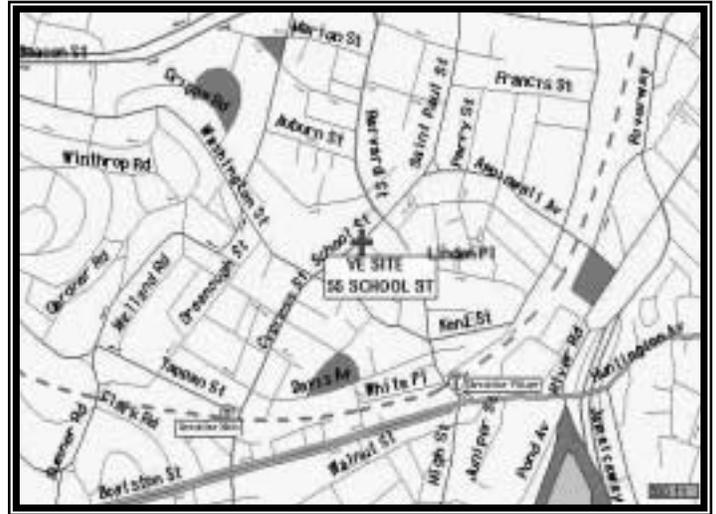
For additional information, contact Paul Carter at n1tmf@pvctronics.com or 617.232.6982; or Bob Salow at walida@arrl.net or 508.650.9440.

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.



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;	k1bth@arrl.net
Secretary: Mike Ardai, N1IST;	781.321.7939, n1ist@arrl.net
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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; wa1ida@arrl.net
Newsletter Editor: Paul Carter, N1TMF;	617.232.6982; n1tmf@pvctronics.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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Greater Boston Net Directory

daily 5:30pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
daily 7 and 10pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
daily 8pm	Eastern Mass 2M Traffic Net (NTS)	145.23 (PL 88.5)
daily 8pm	Slow Speed CW Net	28.160
daily 10:30pm	Heavy Hitters' Traffic Net (NTS)	146.64
M 9pm	BARC Club Net	145.23 (PL 88.5)
Tu 8pm	MMRA Club Net	146.61 and all MMRA links
Tu 9pm	EMA Public Safety Net	145.23 (PL 88.5)
Tu 9pm	NETARC Satellite Net W1ME (ex K1MON)/NCS	446.575 (PL 88.5)
W 8pm	Wellesley Amateur Radio Society Net	147.03
W 9pm	HHTN Swap Net	146.64
Th 8:30pm	Amsat Net N1OHJ/NCS	146.64
Fr 9pm	SWAT Net and Net Control 101	145.23(PL 88.5)
Sat 11am	SATERN Northeast Regional Net	7.270
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 7pm	Youth Net	146.61 and all MMRA links
Su 7pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Su 8:30pm	NSRA Net (with Newsline)	145.47
Su 8:00pm	EMA Section ARES Net (3 rd Sun. of Month)	146.61 and all MMRA links

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Simplex: 147.42