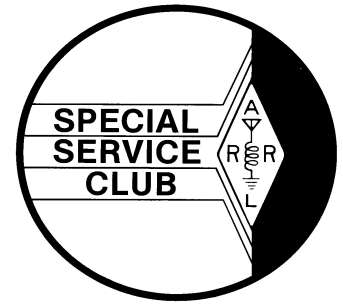




The SPARC

Volume XII, Number 9; September 2000
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org/barc>
Email: w1bos@arrl.net



A Message from the President

Mark Duff KB1EKN

At the BARC business meeting held Thursday night in Cambridge, a member posed the following question: "What does BARC stand for and what is the Club all about." After considerable discussion, another member simply stated, "Public Service, BARC is about Public Service." How simple but true!

During a very successful Monday Night Net recently, a check-in from Southeastern MA, made the following statement: "I wish my club was as active as yours. You people up in Boston, seem very active and very well organized." I think this is true. BARC has many things to be proud of mainly because, people long before I became a member, have worked hard to make it happen!

To all of you past and present, thank you and keep up the good work. Although I have been President only a short time, I cannot believe the support I have been receiving, it's been great! We are successful because of what you have done, not what I have done.

Let's go back and look at "Public Service". What is "Public Service" and how do we provide it. Public Service is being ready to respond to an emergency at a moments notice and provide communications (and many times others things) as requested. Do we do that? Yes. Public Service is also manning various stations along a route for a walk or a run such as the upcoming Jimmy Fund Walk on September 24th. So too are ARES, SKYWARN, RACES, the Nets we run, The "23 Machine", The Marathon, Tech Classes, Y2K, Traffic Nets, Education, Field Day, helping our own members in time of need, SATERN, VE Session's, and the list goes on.

Former President Bush often said, "Public Service is a Noble Calling." As President of BARC, I make the following challenge: If you are not involved, get involved. Public Service is a Noble Calling. Your assistance is always welcome and you can have fun at the same time.

Hams Needed for Jimmy Fund Marathon Walk

To benefit the Jimmy Fund, a walk along the 26-mile Marathon route will be held again this year on Sunday, 24 September. The Walk is sponsored by the Dana Farber Cancer Institute to support cancer research for children. Like the Boston Marathon, it is produced by the Boston Athletic Association (BAA). The growing public interest in this event is expected to increase the number of

walkers by 30 per cent to almost 8000. As we know, the support and services must grow proportionately.

The BAA has once again asked BARC to coordinate the emergency and administrative communications along the route of the Jimmy Fund Marathon Walk. Some of the technical operations are tested here for the Boston Marathon, increasing the value of the participating hams. This Walk is a less intense way for hams who are new to public service events to get the experience needed to qualify them for participation in the 2001 Boston Marathon.

Working directly for the BAA, we have been requested to staff 13 to 15 Walker Support stations. These stations provide water, food and rest. All stations will have Red Cross First Aid services. The Finish Medical areas and the Supervisory functions will also be covered.

Our ham operation is expected to be on 2 meters and 70 cm, with approximately 28 hams needed. Your help is valuable. If you are available for this important public service event (even if you have not participated before), please send email to Bob Salow, WA1IDA, at w1alida@arrl.net or call 508.650.9440 from 0900 to 2300 **immediately** as time is very short.

Why Run 100 Kilometers?

Don't ask. The fact is that there are people who do. Last year in Boston, there were over 70 runners who entered the Chancellor Challenge 100K (almost all of them finished). For you math dullards, that's more than 62 miles. Hams should support people putting forth so much effort to benefit the Jimmy - right?

As an annual event in its second year, BARC has been asked again to coordinate emergency communications. The Chancellor Challenge 100K will be held on Sunday, 8 October. We can divide the long day into two shifts - from 0600 to 1200, and 1100 to 1500. While we are an important function, the duty is easy, and most people stayed for both shifts last year. For those new to ham public service, this is another opportunity to gain the experience needed to participate in the Boston Marathon and emergency events.

The course for 2000 starts and finishes near the Hatch Shell on the Esplanade in Boston. There will be ten 10K laps, entirely on the Boston side of the Charles River. Last year 2-meter simplex worked over most of the course, but we may use the repeater this time. About ten hams are needed for each shift. We need your

help. If you can assist this public service event (even if you have not participated before), please send email to Bob Salow, WA1IDA, at wa1ida@arrl.net or call 508.650.9440 from 0900 to 2300 as soon as possible.

Because of our value, the sponsor has treated the hams well. Morning snacks and lunch are provided for the volunteers.

BARC Charter Member WB9MUP SK

G. John Garrett WN9T

It is with great sadness that I report that on Monday 4 September 2000, Kevin Keller, WB9MUP became a Silent Key. He had recently relocated to southern New Hampshire and was enjoying rural life tremendously when he suffered an unexpected heart attack.

He was born on 15 Aug 1952 in Greenwood Indiana, and moved to Boston in 1980. Kevin was a charter member of the Boston Amateur Radio Club. He had been active, at various times, in ATV, HF, satellites and VHF/UHF radio, and spent considerable time innovating, teaching and participating in radio-related activities, especially VHF foxhunting. He was a respected programmer, circuit designer and mechanical savant, having built parts of the AMSAT Phase 3D satellite among other accomplishments. He was self-employed programming and repairing CNC machines, designing, writing and maintaining databases, and more recently adding web design to his repertoire. He will be sorely missed by all who knew him.

A Potential Ham

Our newest club member, Rian van der Weiden, KB1FOT, and his wife are the proud parents of daughter, Dempsey. Born on 1 September, you can see her at

<http://www.vanderweiden.net/dempsey>

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which is October 8 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 \$6.35 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!

SPARC Profile: Bob Salow, WA1IDA

By Phil Temples, K9HI

He is a mover and shaker. He was one of the initial founders of BARC. He continues to play a key role in our club, as well as Amateur Radio throughout Massachusetts and New England. He is Bob Salow, WA1IDA.

Bob was born in Brooklyn, NY, although he actually grew up in nearby Passaic, NJ. He attended that school system through high school, graduating in 1951. Bob had become interested in ham radio before high school, but in high school he met a fellow student who lived a few blocks away. The friend's father was a ham. Bob visited the shack on a number of occasions, observing the father operating and making contacts. The ham bug bit, and somewhat later, Bob received the call sign W2NVS.

While attending MIT, Bob discovered the MIT Radio Society, W1MX. He never actually operated at the club, he says, "largely because their station was in disarray and it wasn't possible to operate." Ironically, using a partially homebrewed rig, Bob's first contact was on 6-meter AM phone, was with someone at W1MX. Later, Bob received the call K1KFG.

After MIT, Bob spent two years in the army working on missile guidance systems as an electronics engineer. "After the army, I began my working career in the Boston area. I later moved to Southern California, where I designed data acquisition systems."

While living in six-land, Bob held the call WA6OOZ. "My operating was not extensive. I used a 2-meter AM rig homebrewed from military surplus. A homemade ground plane was on the roof. My greatest DX was about 40 miles into Los Angeles." Bob reports that he still has that old 2-meter AM rig buried in the basement of his Natick home (but he can't find it).

"My most memorable job was with the Mount Wilson and Palomar Observatories at Cal Tech. I was the Chief Electronics Engineer where the world-class astronomers did cutting edge cosmology."

After returning to Massachusetts in the late 60s, Bob worked for a company named Janus. "Janus was bought out and shifted focus, leaving the electronic systems business. I picked up some of their customers and started a consulting business."

But Bob's interest would take another direction. He had attended an IEEE convention talk about electronics in health and medicine. "I went to this medical electronic forum. The audience was primarily electrical engineers. The doctors on the stage were saying to engineers, 'we need your expertise.' The engineers were saying, 'you don't let us into your field so that we can make meaningful contributions.' It occurred to me that the best way to get into medical electronics was to train in a medical field." Bob

didn't pursue the idea for several years, but then, he had an opportunity to attend the nursing school at Newton-Wellesley Hospital. "I intended to practice nursing for a period of time before returning to industry." After graduating from the program in 1978, Bob was on the staff at Newton-Wellesley Hospital for several years. He then did medical research at Brigham and Women's Hospital in Boston. In 1981 he joined the then new Lifeline Systems.

Bob has been active in Boston area ham activities for many years. He joined, and later was elected President of the Middlesex ARC in the seventies. During that time, Bob was successful at promoting intra-club activities and getting interesting speakers. "I learned a lot about what makes a club successful," he says.

Bob later got involved in public service communications. In 1973, he was helped search for a lost child in Brockton, with ham radio communications organized by the Minuteman Repeater Assn. "The search was my basic introduction into public service." In 1975, WA1IDA participated in the ham activities for the Lexington and Concord bicentennial celebrations. "President Ford came to Concord. The post office issued a new stamp that day and I created a 'First Day Cover' featuring pictures of the Minuteman statues and noting the ham radio support that day. The envelope carried a ham radio stamp as well as the bicentennial stamp just issued."

In the late 80s, Bob and some other hams began to plan for a new radio club. "I had been receiving a lot of calls from city people asking about ham radio. The urban folks had a lot of issues - like antenna restrictions, RFI and transportation - that suburban hams didn't have. It occurred to me that there was a need for a club centered in Boston, since the only clubs I could recommend were in the suburbs. ARRL records found there had not been a ham club in Boston since the 1920s. It was time."

Bob found the Mass Bay Chapter of the American Red Cross as being very supportive of ham radio. Soon, the forerunner of BARC, the American Red Cross ARC, was born. "Our planning meetings began with about ten people at the Red Cross (then at 99 Brookline Avenue)." Bob served as ARCARC president for the first 2 1/2 years. In recognition of his efforts, Bob was honored with the title of Founding President. Because of national regulations, the club had to change its name and became the Boston Amateur Radio Club.

Bob has coordinated most of large ham radio public service and emergency events in the Greater Boston area over the years. Some of them include the 1976 and 1977 Bicentennial Boston Pops concerts on the Esplanade, and the 1992 Tall Ships visit. "We used almost 200 hams at the waterfront. In terms of amateur radio participation, it was the largest single ham event in this part of the country. Several agencies were served, and we got good notice."

Bob is probably best known for his activities with the annual BAA Boston Marathon. For fifteen years, he has participated either as an operator or coordinator for the event. "I took over nine years

ago from Steve MacKenzie, WB1DNZ." Bob is on the Organizing Committee of the BAA, and reports that approximately 165 hams now participate in the annual event. He notes that as our value has been appreciated, there has been a steady increase in requests for ham support over the years.

"For the 100th running of the Boston Marathon in 1996, there was a huge leap in the number of runners, and a corresponding growth in the services provided. This, in turn, required a shift in strategy and philosophy including ham participation," he said. As a result of his organizing hams for the Marathon and other events, Bob has accumulated a large roster of amateurs who have participated in various public service events over the years. "It has become very important to build up such a list. The real goal, of course, is readiness for participation in real emergencies."

When large groups of hams are needed for communications, the requirements surpass what any one club can supply. For this reason, Bob was instrumental in the formation of the Council of Eastern Massachusetts Amateur Radio Clubs (CEMARC). "Lew, K1AZE, a former Affiliated Clubs Coordinator, and I built CEMARC at the time we were doing the Museum of Science exhibits in 1985 and 1986." Bob says that hams from all over New England, New York and beyond participated in the exhibits. They featured complete ham radio exhibits viewed by 12,000 visitors in a weekend. Bob says that that project is still on the minds of many hams, even today. "I had two separate people come up to me at Boxboro last weekend and tell me how meaningful it was to them."

When WA1IDA is not busy organizing public service events, he is active as an ARRL New England Division Assistant Director. Bob has served three separate directors in this capacity. He has also served as the New England Division delegate on the ARRL Public Service Advisory Committee, and as an Assistant Section Manager for numerous SMs over the years. Bob is also the ARRL state delegate to the Massachusetts VOAD (Voluntary Agencies Active in Disasters). MA VOAD serves the Massachusetts Emergency Management Agency (MEMA) for voluntary agency supports. Bob is the ARRL Emergency Coordinator and the RACES Radio Officer for Newton.

Outside of ham radio, Bob does some photography now and then. He is also into specialized philately. A former resident of Newton, Bob currently lives in Natick with his wife, Elaine Chase, N1GTB. Bob has two children from a previous marriage and two stepsons. His son, Dave, who lives in San Diego, CA, is WA1UKB.

September General Meeting

This month's general meeting will be held at the Boston Back Bay Salvation Army Building, at 7:30 PM, Thursday September 21. This month Mike Raisbeck, K1TWF, the Vice Director of the ARRL New England Division will speak on the state of Amateur Radio, including the regulatory situation, and also on ARRL

affairs and happenings. Also, one or both of the candidates in the upcoming election for ARRL EMA Section manager, Stan Laine, WA1ECF and Phil Temples, K9HI, may also speak.

BARC General meetings are held at the Boston Back Bay Salvation Army Building, corner of Berkeley St. and Columbus Ave. near Copley Square, in the second floor auditorium.

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 busway and walk down Columbus) and Copley or Arlington on the Green line (use the Berkeley Street exit). A map appears on page 7 of the newsletter.

Future General Meeting Dates

(Third Thursdays at 7:30 p.m.)

19 October 2000
16 November 2000
21 December 2000 (Holiday Dinner)
18 January 2001
15 February 2001
15 March 2001

Boston Amateur Radio Club Business Meeting

7 September 2000

Recorded by Guy Bzibziak, KB1CRY, BARC Secretary

Present Were:

Arthur Ashley, N1NHZ, Membership Services, ERT Leader
Guy Bzibziak, KB1CRY, Secretary
Paul Carter, N1TMF, SPARC Editor
Bob Cassell, N1ENS
Mike Coffey, KB1EZL
Dick Doherty, KA1TUZ, Vice-President
Mark Duff, KB1EKN, President
Ed Hennessy, N1PBA
Dan Malloy, KA1RDX
Bill Ricker, N1VUX
Bob Salow, WA1IDA, Public Service
And Others (sorry, didn't get your names!)

The meeting was called to order at approximately 1830hrs.

We are still looking for more hams to become VEs (Volunteer Examiners). People interested are encouraged to contact Dick Doherty, KA1TUZ.

We are in need of more volunteers to man (and drive) the Salvation Army canteen truck. People interested are encouraged to contact Dick Doherty, KA1TUZ.

Reports were received from the various committees regarding various ongoing concerns of the club, such as emergency response, and education.

Problems with the Web pages will be resolved within the next few days.

The Simulated Emergency Test call list and ARES lists are being updated. Please contact Arthur Ashley, N1NHZ with updated information or to be listed for service.

Upcoming Public Service events in which the club participates are the WGBH Ice Cream Fun Fest (9 & 10 September), with a tour of the WBGH facilities for participating hams Saturday, 9 September. The Jimmy Fund Marathon Walk is the 24th of September. On 8 October, the Chancellor Challenge – a 100-kilometer race around the Charles River Basin will be held. Those hams that wish to volunteer for these events, please contact Bob Salow, WA1IDA.

Classes for No-Code Techs will start this coming January, with a newly revised and updated curriculum. Contact Mark Duff, KB1EKN, or Mike Ardai, N1IST, if you are interested in volunteering to help conduct these classes.

The club's portable emergency stations are progressing in prototype evolution for covering HF, VHF & UHF bands. Design issues are being actively addressed. Contact Mike Coffey, KB1EZL to learn more.

Mark Duff KB1EKN and Bill Ricker, N1VUX, inquired as to what BARC should be doing as a participant in the Simulated Emergency Training exercise this November 4th. This year's scenario will be concerned with an earthquake striking the area. Arthur Ashley, N1NHZ, is preparing the Boston Emergency Response Team (BERT) for this drill. Contact Arthur to offer your assistance. More details will be given soon.

The ARRL Section Election is forthcoming with two candidates running for the post, and both are being invited to the September General Meeting.

The annual BARC Holiday Dinner will be held on December 15th this year. Further details as to place and cost will be announced soon.

The Friday Night Nets at 2100hrs will be switching to a new format in October:

1st Friday @ 2100 - SATERN (Salvation Army Team Emergency Response Net);

2nd Friday @ 2100 - Weather Net;

3rd Friday @ 2100 - ARES net;

4th Friday @ 2100 - Tech Net;

5th Friday @ 2100 - All or Some of the Above.

Speakers for future meetings are needed! If you have a topic you wish to see presented at a future meeting, or that you wish to present, please contact Dick Doherty, KA1TUZ.

The meeting was adjourned at approximately 2041hrs.

The Boston Amateur Radio Club holds its monthly Business meeting on the first Thursday of each month. The next one will be on Thursday, October 5 in the food court of the Cambridge Galleria Mall in Cambridge. We meet at 6:30pm in the lower level, down by the windows facing the lagoon.

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.

Future Business Meeting Dates

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

2 November 2000
7 December 2000
4 January 2001
1 February 2001
1 March 2001

Upgrades 'R' Us

Without going into details, which are covered elsewhere, the FCC restructuring is likely to result in license upgrades for some of us. If you are one of the lucky (clever?) ones, please keep our database up to date. *Regardless of whether you change call sign*, an upgrade is an upgrade. Please notify the Keeper of the Database, Bob Salow, 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 long lost members who rejoin, so greet them, too.

Leo Burke	KA1LN	Upgrade to Extra
Eric Falkof	K1NUN	
Rian van der Weiden	KB1FOT	

In addition, we would like to note here any call sign changes you have made, and honor all members who upgrade. 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, *excepting this coming session*. The next session will be at 7pm on Monday, October 16 (*not October 9*) 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 (Novice 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)
- \$6.65 (good for all the tests you take at that session, except for retests).

The needed FCC forms will be provided.

For further information, contact
Bob Wondolowski N1KDA
(508) 865 5822
wondobob@juno.com

Future Exam Dates

(Second Mondays at 7:00 pm)

13 November 2000
11 December 2000
8 January 2001
12 February 2001 (subject to change)
12 March 2001

I See the Future

16 Sept	RI FMRS Flea (Forestdale RI)
17 Sept	MIT Flea
21 Sept	BARC General Meeting
24 Sept	Jimmy Fund Marathon Walk (Rp)
6-7 Oct	Hoss Traders Flea (Rochester NH)

8 Oct Chancellor Challenge 100K Race (Rp)
 15 Oct MIT Flea
 16 Oct BARC VE Session
 4 Nov Interstate RC Flea (Londonderry NH)
 5 Nov Framingham ARA Flea
 18 Nov Waltham ARA/1200RC Auction (Newton)

(Rp) = Repeater 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 and on PBBSSs regularly. If needed, contact any club member who has access to these.

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.

RF Safety Rules Now In Force For All Amateurs

Excerpted from *ARRL Letter*, 1 September 2000

Starting Friday, 1 September, every US amateur is now required to fully comply with the FCC's RF exposure guidelines.

The regulations, which went into effect 1 January 1998, require US Amateur Radio operators to read and understand the rules and, where necessary, perform technical evaluations to determine that their stations are compliant with the new regulations. Up until now, only hams who have had to file an Amateur Radio

application with the FCC have had to certify compliance with the RF exposure rules. As of 1 September, all amateurs must comply.

Under the regulations, an amateur station must not exceed the maximum permissible exposure (MPE) limits for transmitter operation. MPEs are both frequency and power-dependent.

"These regulations are not a major burden on the Amateur Radio Service," said ARRL Lab Supervisor Ed Hare, W1RFI, the League's point man on RF exposure issues. "Most hams are already in compliance with the MPE requirements; some hams will need to conduct a simple station evaluation."

By and large, the FCC has put hams on the honor system, but compliance with the RF exposure rules is not optional.

A complete description of the rules is available on the ARRL Web site at <http://www.arrl.org/news/rfsafety/>. The site also contains resources to make your station evaluation quite painless.

Address questions about RF safety and the FCC exposure guidelines to ARRL Lab Supervisor Ed Hare, W1RFI, ehare@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

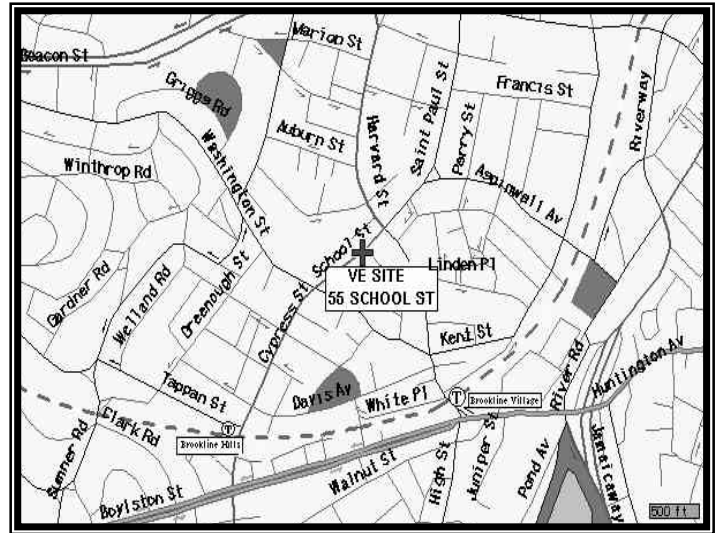
Originals of ads must be presented to the Editor in MS Word or .jpg format to print 1:1. Other composition will be at extra cost. We will be glad to quote other ad sizes and durations.

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

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



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: Mark Duff, KB1EKN	781.749.7664; emgmgt@mediaone.net
Vice President: Dick Doherty; KA1TUZ	617.969.4880; ka1tuz@gis.net
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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
F 9pm	SATERN Net	145.23 (PL 88.5)
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 3:30pm	Youth Net	3.970
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 Newline)	145.47
Su 9:30pm	EMA Section ARES Net	146.61 and all MMRA links
(4 th Sun. of Month)		