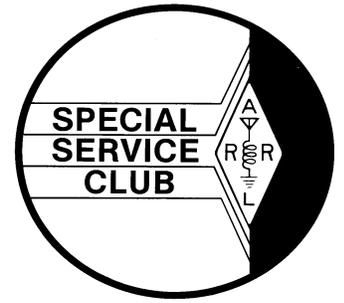




# The SPARC

Volume XIV, Number 2; February 2002  
Newsletter of the Boston Amateur Radio Club  
<http://www.barc.org/barc>  
w1bos@arrl.net



## A Message from the President

Mark Duff KB1EKN

The guest speaker for the February 21st General Meeting will be Duxbury Fire Captain William Wadsworth who will speak on Critical Incident Stress. Captain Wadsworth is the former Director of the Plymouth County Critical Incident Stress Team (PCCIST) and is still very active in the field of Critical Incident Stress. The PCCIST was one of the first official critical incident stress debriefing team organized in Massachusetts and has served as a model throughout the country. The PCCIST was one of the first outside teams deployed to New York in the aftermath of the 9-11 incident. Captain Wadsworth will talk about how and why the team was formed, signs and symptoms of stress and how to deal with it. The talk will be tailored toward Amateur Radio Operators who may become exposed to stressful situations while operating during emergencies. This talk is a must for any Ham who is a member of an Emergency Response Team such as B.E.R.T., A.R.E.S. or R.A.C.E.S.

Speaking of B.E.R.T. under the leadership of team director Rick DeSisto/NG1L, plans are being formed to participate in the March 23<sup>rd</sup> S.E.T. drill. You do not have to be member of B.E.R.T. to participate in the drill but if you are interested in participating or becoming a member of B.E.R.T. please contact him. Rick is also looking for an assistant team leader. This is a great opportunity for someone to get involved with a leadership role in B.A.R.C.

After considerable debate at several business meetings, the executive committee has decided to suspend the Friday Night S.W.A.T. Net. Although the Net was very popular when it first started, it has been difficult to get Net Control Operators. The Monday Night and Tuesday Night Nets continue to be active. If you are interested in reactivating the Friday Night Net under its current criteria or under a new one, please contact the executive committee. We are always open to suggestions.

Mark J. Duff/KB1EKN

## State Of The Section

Phil Temples, K9HI

First and foremost, I want to wish all EMA League members a happy and prosperous New Year!

It's been a little over a year since you elected me as your Section Manager for the 2001-2002 term. I'd like to report on our

progress, and recap some of the significant events of the past 12 months.

I appointed my SM election opponent, Stan Laine, WA1ECF as one of my Assistant Section Managers. Stan has been instrumental in keeping a finger on the pulse of activities on Cape Cod and southeastern Massachusetts. I value his input and his participation in section activities.

I appointed a new Section Emergency Coordinator: Mike Nielsen, W1MPN. Mike arrived to the SEC position with extensive training and exercise management from the Navy and U.S. Coast Guard Auxiliary. He has held several coordination meetings among his staff. Most recently, Mike did a superlative job in coordinating the formation of several "away" teams that traveled to Manhattan in the wake of the September 11 terrorist attacks. An active SKYWARN participant, Mike and his Assistant SEC, Rob Macedo, KD1CY have continued to build strong ties with the National Weather Service, as well as to the Massachusetts Emergency Management Agency and RACES.

I appointed a new Technical Coordinator: Lou Harris, N1UEC. Lou is a multi-talented, active Amateur who is equally adept with VHF repeaters, computer networking, and emergency coordination issues. The section is especially lucky to have a man of Lou's talents.

I appointed a new Affiliated Club Coordinator: Frank Murphy, N1DHW. Frank has displayed boundless energy and enthusiasm in his new capacity. He has established liaisons with ARRL affiliates and visited many of the clubs in our section. Most recently, Frank has taken on the challenge of reconstituting the Council of Eastern Massachusetts Amateur Radio Clubs. I'm pleased to report that under Frank's leadership CEMARC is alive and well. The organization just held its second (well-attended) meeting in Framingham. A future meeting is planned in southeastern Massachusetts in the coming months.

On the legislative front, our MA State Government Liaison, Shawn O'Donnell, K3HI, has been tracking proposed legislation that might adversely affect Amateur Radio. A currently stalled House Bill would require "hands-free" operation while using a radio in a moving vehicle. Aimed at cellular phones, it specifically exempts Citizens Band operators while allowing no such provision for Amateur Radio. Shawn is watching for this Bill very closely in case it ever resurfaces.

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

Simplex: 147.42

Our Amateur Auxiliary/OO program has racked up several successes. I'm very proud of Mike Goldberg, K1LJN and Nelson Dionne, AA1MO who have been sharing the task of OO Coordination. They, along with Technical Coordinator Lou Harris, N1UEC have made "house calls" to help resolve issues of interference.

Over the past 12 months I met three times with my entire staff to review the status of on-going projects and issues affecting League members in our section.

I have produced a monthly Section News column in QST without fail, as promised during my campaign.

I have attended both New England Division cabinet meetings at the request of Director Frenaye.

I have ensured that the bulk of budgeted funds allocated for Eastern Massachusetts for the fiscal year were spent in a prudent and timely manner.

I have visited with, or spoken at many of the clubs in Eastern Massachusetts. I've personally presented 50- and 60-year ARRL membership plaques; my ACC and I have co-presented 25- and 50-year ARRL affiliation certificates to several clubs.

During Field Day, my Section Emergency Coordinator and I toured Field Day sites from Cape Ann to Cape Cod. I personally visited a dozen different sites during the 27-hour period.

Recently, I reconstituted the ARRL "Speakers List" that publicizes recent club speakers. It is disseminated via the popular email lists, and is archived on the CEMARC web site.

My door has been open to receive calls, complaints or requests for assistance from League members. I have acted in an ombudsman capacity in at least eight cases this year.

I wish to offer a few thoughts as I think ahead to the remainder of 2002. In particular, the tragic events of 9/11 have emphasized Amateur Radio's responsibilities to provide communications, and skilled communicators, in emergency situations.

I have noticed an increase in the number of ham radio licensing classes across the section. My Section Traffic Manager, Bill Wornham, NZ1D, and his Net Managers have observed an increase in NTS net activity and traffic handling. Additionally, activity in the League's emergency communications course on-line has picked up tremendously. And the EMA ARES staff is planning a full curriculum of in-person courses for the coming year.

I would therefore like to take this opportunity to encourage each and every Amateur in the section to take a basic emergency communications course and to become knowledgeable -- and capable -- of creating, sending and receiving an NTS radiogram. ARES activities or traffic handling may not have previously

interested you. But it is incumbent on all of us who call ourselves Amateur Radio operators to equip ourselves with these basic skills in the event that we are ever called upon to provide aid and support in the fight against terrorism or natural disaster.

I've reached the halfway point in my term of office; I thank you for the opportunity you've given me to serve as your Section Manager. I wish to again point out the superlative volunteer efforts of my section staff and the ARRL field appointees -- the guys and gals who work behind the scenes to promote our national organization and our wonderful hobby-service. Due in no small measure to their efforts, I can proudly say that membership in the American Radio Relay League is much, much more than a subscription to a magazine.

Very 73,  
Phil Temples, K9HI  
ARRL Section Manager,  
Eastern Massachusetts Section

## Hams Needed For The Multiple Sclerosis Walk

The Boston Multiple Sclerosis Walk will be held on Sunday, 21 April 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. Note the shift in the schedule. This event had been held on the first Sunday in April, but the weather was too cold. Placing it a few weeks later should add to everyone's comfort.

We need about 20 hams to staff the checkpoints, the hazardous locations and shadow the key people. The present plan (like last year, but subject to change) is for the route to start at the Hatch Shell on the Esplanade, proceed east along the Boston side of the Charles River to the McGrath/O'Brien Highway. Cross into Cambridge, proceed west along Memorial Drive, and cross back to the Boston side on a bridge yet to be determined. Continue east along the river, finishing at the Esplanade. There may also be a short route crossing at the Mass Ave bridge.

Lunch is provided for all volunteers. Contact the Coordinator, Bob Salow, WA1IDA, to sign up or for more information. You can reach Bob by email at [walida@arrl.net](mailto:walida@arrl.net) or by phone at 508.650.9440.

## This Month in BERT

Rick DeSisto, NG1L

Calling all radio amateurs and BARC/BERT members; it's time to blow the dust off those HT's, Mobile Radio's etc. and check to see if the batteries are charged. To quote my predecessor, Arthur Ashley - N1NHZ "QRV ... Are You Ready?" because on March 23, 2002 BARC / BERT (Boston Amateur Radio Club / Boston Emergency Response Team) will be participating in this years SET (Simulated Emergency Test). Details are still in the works, however I can tell you that this years theme will be Hurricane Xavier-plus "where the plus will be a surprise". On February 23,

2002 yours truly NG1L and AA1XS will be attending the organizational meeting aka "Envelop Day" to gather further information that I will be sharing with you in the days to come. So mark March 23<sup>rd</sup> on your calendar, I'm sure we'll benefit from this exercise and if we're not careful we might even have a bit of fun.

To touch upon other BERT happenings in the works:

In January a small group of us (KB1EKN, WA1IDA, NG1L and KA1TUZ) met with Chief Murphy of the Newton Fire Department to offer our services to the city in case of emergency, we were met with the usual questions and exchanged thoughts and ideas we left the meeting with a sense of satisfaction.

Ongoing is the possibility of working with Brigham's & Women Hospital as a part of their Emergency Communications Plan. While we have been invited to attend a staff meeting, the date has not been confirmed. I will inform you as things progress.

Now that I have shared what I know with you, your questions and/or comments would be greatly appreciated to further the possibilities of BERT. I can be reached by Email at NG1L@arrl.net or telephone me at (617)387-4465 also catch me on one of the clubs repeaters. As always, you do not have to be a BARC or BERT member to participate.

73  
Rick-NG1L

## Newton Asks For BERT

The BARC Emergency Response Team (BERT) was asked by the Emergency Manager of the City of Newton to stand ready to assist if a disaster should hit Newton. Rick, NG1L, the BERT Coordinator; Mark, KB1EKN; Dick, KA1TUZ; and Bob, WA1IDA met with Fire Chief Ed Murphy to discuss the city's infrastructure and communication needs in emergency conditions. The Chief had already experienced our ham response for Y2K, and he had been very impressed.

Chief Murphy realizes that if a local disaster should hit, BERT could expand to call on the hundreds of prepared hams from all over Eastern Massachusetts. This is a significant point since hams directly in the disaster area may not be able to respond. He also understands that if the disaster covers a wide area, the ham resources may be thin until hams can be obtained from farther away.

The BERT team will help determine several key locations where hams are likely to be posted and the City will install fixed antennas for the use of the ham assigned there. BERT members will be notified of drills that are routinely held. We can participate in them if possible. New drills will be planned which can introduce our communications support to City agencies.

BERT resources are available wherever needed. The team is always looking for new members. It is not necessary to be a member of BARC. ARES training is highly desirable. As we expand our relationships with communities, we will be introduced to their characteristics and resources. This is the time to join this vital public service. Be ready for the action.

Contact the BERT Coordinator as soon as you can:

Rick DeSisto, NG1L  
ng1l@arrl.net  
617.387.4465

## SATERN Around the Country

Sixth Annual SATERN Seminar A Success

S.A.T.E.R.N. and friends of S.A.T.E.R.N. gathered at the San Bernardino Corps office of the Salvation Army on Saturday, January 26th for the sixth annual S.A.T.E.R.N. Seminar. The meeting was hosted by Major Russel Fritz, San Bernardino Corps Officer and S.A.T.E.R.N. Committee Advisor.

There were several interesting and informative presentations for the 60 participants. Art Gooddard, W6XD, ARRL Southwestern Division Director attended and took a few minutes giving SATERN a nice pat on the back and letting us know what's going on with the ARRL.

To begin the Program, Jack Peterson, K6DMM, described his and Tony Stephen's, KE6JZF, working experiences at Ground Zero with The Salvation Army. They couldn't use their radios in that environment but there were many other worthy tasks to do. They worked 12 hour days for 2 weeks in a Hydration Tent serving the Police, Firemen and other rescue crew members with various drinks, health bars, socks and shoes, and whatever else was donated for the recovery effort. The listeners got a feel for the environment the rescue workers had to deal with, soles melting from the hot ground they walked on, gloves sticking to their hands from the hot items they extracted while digging for survivors, and the respirators to protect them from the ever present dust churned up from the constant digging. They had an Alligator, a four-wheel mini- vehicle to transport their ware from the tent located just outside of the Red Zone to the workers inside. Jack pointed out a Salvation Army Banner on the big Red Grabber (the Crane you see on TV in the midst of the digs). Jack became emotional about his experience there and had a difficult time at times during his exceptional presentation.

James Hodder K6DSN of JPL, California Institute of Technology, talked to us about deep space probes. This is an ongoing effort that often doesn't get too much attention. The reason, of course, is that the space probe vehicles are launched, fly through space being catapulted around planets to reach a far off destination and you don't hear about them again until they arrive. The vehicles are tracked by three very large 100 meters parabolic antennae positioned 120 degrees apart around the earth. This allows at least one antenna to be in touch with any vehicle at all times. There are

currently two probes in space and the setup can handle six. The system has an accuracy of (Ed: One part in?) 10 to the minus ninth.

Bob Turner, Scoutmaster of Troop 428 from Perris, prepared the lunch that was served to us, also Bob gave a short presentation on TRIAGE, The Race Against Time. He mentioned The Golden Hour, the sixty minutes that can make the difference between life and death for a victim in an extreme emergency. With multiple victims it is necessary to sort the seriously injured and the dead, if there are any, from the walking wounded. This is so that those who need treatment can get it quickly. He showed how you can sort through 30 victims in 60 seconds so that critical victims would get treatment quickly with the less critical victims receiving treatment in turn.

## New Orange Caps Available

BARC has a new 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.

## Why do We Announce We Are Leaving the Frequency?

by Eric Falkof, K1NUN

Were you ever listening to the dead, empty repeater output frequency, when all of a sudden someone said, "W1BlahBlahBlah leaving the frequency" or "KB1YadaYada Clear"? Did you ever wonder why they announced they were no longer listening? Didn't make much sense, eh? Here's an explanation why that person did it.

First, it is wrong to do so in Amateur practice. However, it is proper in different services, but only in a historic context. Unless considered a one-way broadcast of general interest to Amateurs, it is an announcement that the Ham is not listening for responses nor conducting a test. Furthermore, it is impolite to tell everyone within listening range that you are not going to listen to them any longer!

But why was it OK to do so in different services? In the old days, the 50s and 60s, when commercial (business) two-way radio was in its infancy, there were few radios and few frequencies available and in use in any geographic area. Consequently, frequencies were shared. The oil delivery company used the same frequency that the automobile travel club's trucks, taxis, fire departments, municipal services, and ... Since frequencies were shared, it was necessary to listen before talking to avoid interfering with another service's transmissions. As frequencies were shared resources, people were careful not to interfere or else they might be interfered with themselves. The Golden Rule applied.

It was more than a courtesy to announce that a series of transmissions were complete, it was a requirement. It was necessary to announce that a station was going out of service or off the air so other listeners would know they could use the frequency, as it was freely available again. Also, a dispatcher would know a truck, for example, was not going to be available for a call.

So what does this have to do with Ham Radio? In the early days of Ham FM radio, the primary users were Hams who were two-way radio service people. They knew how to put commercial gear on Ham frequencies using converted commercial equipment. These first adopters brought with them the practices they used in commercial services. Initially, "everyone" used 146.94 Mc (Megacycles; now MHz, but before the designation was changed.) simplex. Repeaters were yet to come. This common frequency was a shared resource and it was necessary to use courtesy for all the same reasons the commercial services did. Therefore, the Hams announced they were leaving or clearing the frequency.

And so, some of the next generation of Hams copied the practice, and then the next generation, and so on and on. In Ham Radio, announcing that one is leaving or clearing the frequency is a practice that no longer makes sense nor is it desirable nor needed. But now you know why some people do it – it is a borrowed practice from long ago. It is just one vestigial trace of our heritage in the radio arts.

## BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which will be March 10 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!

## February General Meeting

This month's BARC General meeting is on Thursday, February 21 at 7p.m. The guest speaker will be Duxbury Fire Captain William Wadsworth who will speak on Critical Incident Stress.

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.

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

## Future General Meeting Dates

(Third Thursdays at 7 p.m.)

21 March 2002  
18 April 2002  
16 May 2002  
20 June 2002  
18 July 2002  
15 August 2002

## Minutes of the Boston Amateur Radio Club Business Meeting

February 7, 2002

Recorded by Mike Ardai, N1IST

Present were:

Mike Ardai	N1IST	Vice President
Arthur Ashley	N1NHZ	Membership Services
Henry Buccigross	K1QK	
Paul Carter	N1TMF	SPARC Editor
Jim Clogher	N1ICN	Treasurer
Rick DeSisto	NG1L	BERT coordinator
Dick Doherty	KA1TUZ	
Mark Duff	KB1EKN	President
Peter Grace	KB1CVH	
Paul Katz	N1LRT	
Dan Malloy	KA1RDZ	
Frank Murphy	N1DHW	
Paul Olivieri	N1ZKR	
Bob Salow	WA1IDA	Public Services
Joe Scully	K1SQT	
James Sullivan	AA1XS	

The meeting started at approximately 1900 hrs.

Committee reports were read and accepted.

There were 19 renewals at the PO Box

The Simulated Emergency Training [SET] will occur on March 23, 2002.

The next Tech No-Code Class will begin February 26. These classes will be conducted at the Parlin Memorial Library in Everett [the same facility where the business meetings are being held]. They will run for 4 weeks, Tuesday and Thursday nights.

BARC is looking into providing emergency support for area hospitals

JOTA was a success - let's try to find something a bit closer to Boston this year if possible

Paul is looking for people to write regular columns for the SPARC - possibly BERT and SATERN? (Ed. - Specifically BERT and SATERN)

We are looking for volunteers to help with Field Day.

N1ZKR is improving the poker-chip transmitter coordination system for Field Day.

MS Walk will be 4/21.

The new antenna is in; We will try to install it 2/9.

We are looking for a club CEMARC representative - some possibilities have been discussed.

We will have a work party at the VE session to help with the BARC display board - please come by 2/11 19:00 to the Pierce School in Brookline if you can help or if you have something you would like to add to the display.

The SWAT net has been suspended due to repeater noise and difficulties finding net control stations. It may start up again at a later date if there is sufficient interest.

We will be finalizing the BARC brochure prior to the class.

We are looking for speakers for upcoming meetings.

Net Control Operators are needed for the Monday night BARC Net. Contact Mike Ardai, N1IST for open dates.

The meeting adjourned at 2042 hrs.

The next Boston Amateur Radio Club business meeting will be held Thursday, March 7 (1st Thursday of the month), 7:00pm, at the Parlin Memorial Library [410 Broadway, Everett, MA] (off rt. 99) in Everett, MA. Check the Web page and/or listen to the repeater for directions.

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.)

4 April 2002  
2 May 2002  
6 June 2002  
4 July 2002 (subject to adjustment)  
1 August 2002

## 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, March 11, 2002 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](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)
- **\$10.00** (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 \$10 fee. Code and written tests can be taken together at the same session for a single \$10 fee.

The needed FCC forms will be provided.

For further information, contact

Mike Ardai, N1IST

781.321.7939

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

or

Dick Doherty, KA1TUZ

617.969.4880

[ka1tuz@arrl.net](mailto:ka1tuz@arrl.net)

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

## Future Exam Dates

(Second Mondays at 7:00 pm)

8 April 2002  
13 May 2002  
10 June 2002  
8 July 2002  
12 August 2002

## 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.

Dave Goncalves	N1XZB
Lou Guilford	N1LRY
Ethan Maass	KB1GXW

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](mailto:walida@arrl.net).

## I See the Future

17 Feb	GBARC Antique Flea (Westford)
21 Feb	BARC General Meeting
26 Feb	Start of License Course - 7:00 pm
7 Mar	BARC Business Meeting
10 Mar	MtTomARA Flea (Amherst)
10 Mar	BARC Breakfast
11 Mar	BARC VE Session
21 Mar	BARC General Meeting
21 Apr	MIT Flea
21 Apr	Multiple Sclerosis Walk <b>(Rp)</b>
27 Apr	NE Antique RC (Nashua NH)
28 Apr	Run of the Charles Canoe Race
3,4 May	HossTraders (Hopkinton NH)
24-25 Aug	ARRL NE Div Conv (Boxboro)

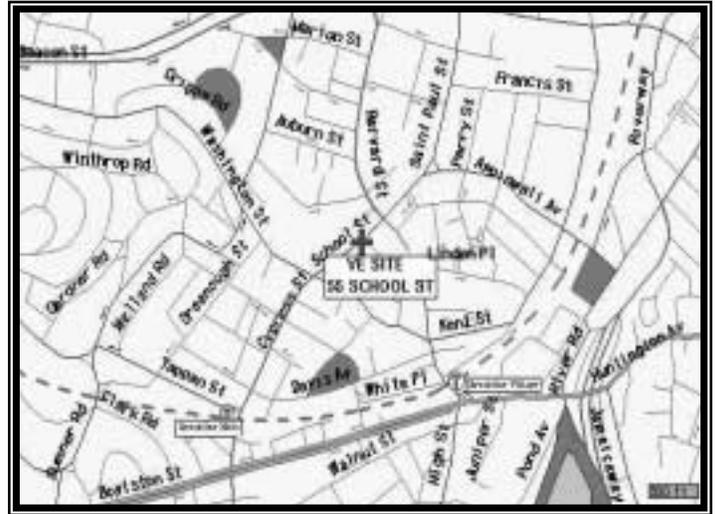
**(Rp)** = BARC repeater(s) may be used

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

**Simplex: 147.42**



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



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

### BARC Officers and Staff

President: Mark Duff, KB1EKN	781.749.7664; emgmt@mediaone.net
Vice President: Mike Ardai, N1IST;	781.321.7939, nlist@arrl.net
Secretary: Guy Bzibziak, KB1CRY;	781.321.1104; kb1cry@arrl.net
Treasurer: Jim Clogher, N1ICN,	617.364.4658; nlicn@rcn.com
Vol Exams: Mike Ardai, N1IST;	781.321.7939, nlist@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@mediaone.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 WIME (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	SWAT (SATERN, Weather, ARES &Tech) 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 Newsline)	145.47
Su 9:30pm	EMA Section ARES Net	146.61 and all MMRA links
(4 <sup>th</sup> Sun. of Month)		

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

Simplex: 147.42