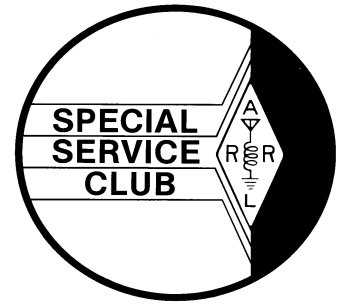




# The SPARC

Volume XIV, Number 8; August 2002  
Newsletter of the Boston Amateur Radio Club  
<http://www.barc.org>  
[w1bos@arrl.net](mailto:w1bos@arrl.net)



## The President's Word

Paul Olivieri, N1ZKR

Hello everyone. The days will soon be getting shorter (and cooler) once again. I hope that everyone had a good summer. BARC had a sizeable representation at the bonus end of season SKYWARN training held at MIT on Sunday July 28. The class had to be moved to a larger room to accommodate the many spotters that were trained including some who are not hams. Thanks to Bill – N1VUX, the folks at MIT and NWS (and anyone else) for making this training possible.

Before you finish your Labor Day plans, don't forget the New England Division Convention in Boxboro on August 24 & 25. We have two spaces in the outdoor area (flea market). The plan is to have one table for sales and one table with the BARC display and information. The Salvation Army is also planning to bring a vehicle for display. If you could spare some time during your visit to the convention, we could use your help. Please contact Frank Murphy – N1DHW or Mark Duff - KB1EKN to let them know of your availability.

Also with September comes several public service opportunities. While it seems that we have enough help for the Monster Challenge triathlon on September 1, we still need many volunteers for the WGBH Fun Fest on September 14 & 15. All the ice cream you can eat. Need I say more? If you can help, please contact Bob Salow WA1IDA.

See you at Boxboro. "73"

Paul Olivieri, N1ZKR

## Second Annual Half Marathon

Bob Salow, WA1IDA

As a complement to the Boston Marathon, the BAA started a new event last year - a Half Marathon run almost entirely in Boston. We have been asked again to lend communications support for this event. While the ham radio part is straight forward, the complexities of an urban course make our services a vital part of protecting the runners and spectators.

The 2002 Half Marathon will be held on Sunday, 13 October from mid-morning to early afternoon. The course runs from Clemente Park in the Fenway to a turnaround at the Franklin Park Zoo, and back again. Like last year, 2-meter/70-cm hand-helds should do

the job. An antenna better than a "rubber duck," sufficient batteries, and an earplug are your best friends.

This is a great opportunity to impress local authorities. Your help is needed. If you can volunteer, contact Bob Salow, WA1IDA, at 508.650.9440, or by email to [walida@arrl.net](mailto:walida@arrl.net).

## A Tower For You (Or Me)

I am planning a move in a couple of months. The new house (I guess it is not mine until papers are passed) has a tower, without antenna, that was being used by a departed ham. A 15 year-old building permit states a 48 foot tower on a concrete base 36" x 36" x 54" deep. Long ago I was a ham, but I let the license lapse. As I see it, here are my choices:

- 1) Give the tower to someone who can use it for the price of disassembly and carting it off.
- 2) Keeping the tower because I might regain my license and have a real use for the tower (I know what you are thinking).

I do understand the hidden problems of the tower condition as it applies to either of the choices. So -- I am asking for some assistance in evaluating the condition of the tower. If some reader here could help with this I would be grateful.

Tom R  
[tr4801@yahoo.com](mailto:tr4801@yahoo.com)

## Help Is Needed To Eat Your Way Through Public Service

Bob Salow, WA1IDA

Here's a ham public service event where the reward might be better than the job. WGBH, the public TV channels 2 and 44, and FM radio, will hold its annual Ice Cream FunFest on both **Saturday and Sunday, 14-15 September** at and around the WGBH station on Western Avenue in Brighton. Our ham support will last from 1100 to 1500.

As in past years, thousands of people are expected. We have been asked to provide communications for the safety and management of the crowd and their vehicles. It's a compact area, so 2-meter

simplex HTs can be used. About 14 to 16 hams are needed each day for communications and/or meeting the public.

BARC is given free booth space to promote public awareness of ham radio. In past years the booth has attracted inactive hams and also introduced many people to our hobby.

Although such a good cause (and good publicity for us) doesn't need it, here's the good part: all volunteers get to eat all the ice cream you can consume (urp!). 5-6 manufacturers provide the ice cream, so you can make comparative tests (urp, urp!).

Your assistance is needed. If you can help either or both days, get more information by contacting Bob Salow, WA1IDA, at 508.650.9440, or email to [walida@arrrl.net](mailto:walida@arrrl.net). Please do it NOW.

### **SATERN at Boxboro**

Frank Murphy N1DHW

This year for the first time, the Massachusetts SATERN Group will be present at the NE ARRL Convention in Boxboro. Bill Foley, KB1GLF, Mass. SATERN Coordinator, and the Salvation Army's Massachusetts Emergency Disaster Services Coordinator, will have an info table and bring one of the Boston disaster trucks to the convention.

One of the things Bill will be doing, is explaining to all just what services the EDS trucks provide during local emergencies, such as fires and floods; what services EDS provides in larger disasters; the need for EDS volunteers; and finally what role SATERN plays now nationwide, and what role he believes SATERN members could play in Mass. in the future.

What he needs from you is for you to volunteer some time at the booth to help him. Like all of us, Bill would like to attend some of the convention activities also. So, if you think you can help out, please contact Bill at Boston Salvation Army Headquarters, email to: [BillFoley@usa.salvationarmy.org](mailto:BillFoley@usa.salvationarmy.org) or Frank Murphy [n1dhw@arrrl.net](mailto:n1dhw@arrrl.net)

### **You Say You Have Free Time?**

Frank Murphy N1DHW

The Salvation Army Emergency Disaster Services (EDS) is looking for new members. They are seeking both drivers for the EDS trucks (canteens), and those who can respond to multiple alarm fires direct from home to assist the canteens at the fire/disaster scene. Hams are the perfect choice for this volunteer work. Not only are you there to refresh those hardworking firemen, but also in times of disaster, you're available and trained to assist with radio communications.

Contact Bill Foley, kb1glf, EDS Coordinator, 617-338-4155 x513, or Frank Murphy, [n1dhw@arrrl.net](mailto:n1dhw@arrrl.net) for more info.

## **BARC Email List Moves**

**QTH.net**, the people who provide the mailing list server that barc-list runs on, has upgraded their system to a new mailing list manager called Mailman. To post to barc-list, send a message to [barc-list@mailman.qth.net](mailto:barc-list@mailman.qth.net) from the address that you are subscribed from. Only subscribers can post to the list. This is to reduce spam.

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.

## **Be Seen At 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 (Ed. You trying to say something here, Bob?), and proclaim, "Emergency Communications."

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

## **Hello AT&T Broadband**

Are you among those who got changed from **mediaone.net** or **attbroadband.com** to **attbi.com**? Please let the BARC Keeper of the Database know your new email address. Just send an email with your name and call to [walida@arrrl.net](mailto:walida@arrrl.net). As you may have found out, you can no longer receive mail at mediaone.net.

You are not off the hook yet, however. As you may know, AT&T is in the process of selling its broadband business to Comcast. Standby for another change.

Insulate yourself. Since the vast majority of BARC members belong to ARRL, this probably pertains to you. We recommend that ARRL members sign up for the alias service. Your email address becomes [callsign@arrrl.net](mailto:callsign@arrrl.net). You tell the service your actual Internet Service Provider (ISP), and your email is forwarded. Your ISP can jump all around, but the address you give to your correspondents stays the same. If there are changes, you just make one notification to the alias server that you have a new ISP. Check it out at the ARRL (members) web site: [www.arrrl.net](http://www.arrrl.net).

## **BARC Monthly Breakfast**

Every month, BARC has a social breakfast on the second Sunday of the month, which will be August 11 this 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!

## There is No General Meeting in August

BARC will not have a general meeting in August. Let's give a rest to our kind hosts at the Salvation Army, and to our officers and members who do so much for the club during the year. The next General Meeting will be on September 19.

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.)

17 October 2002  
21 November 2002  
19 December 2002 (Holiday Party)  
16 January 2003  
20 February 2003

## Minutes of the Boston Amateur Radio Club Business Meeting

August 1, 2002

Recorded by Michael Ardai, N1IST, Secretary

Present were:

Mike Ardai	N1IST	Secretary
Arthur Ashley	N1NHZ	Membership Services
Hank Buccigross	K1QK	
Jim Clogher	N1ICN	Treasurer

Mike Coffey	KB1EZL	
Dick Doherty	KA1TUZ	Executive Committee
Mark Duff	KB1EKN	Executive Committee
Blake Haskell	K1BTH	
Paul Olivieri	N1ZKR	President
Bob Salow	WA1IDA	Public Service
Joe Scully	K1SQT	

The meeting started at approximately 1900 hrs.

Committee reports were read and accepted.

The next VE session will be 8/12.

The July and August general meetings have been cancelled. The business meetings will be held as usual.

The Skywarn training session went very well.

Still looking for a place to hold the holiday dinner - requirements are \$10-\$20 price range and MBTA access - contact K1SQT if you have any ideas.

SATERN is active at the train wreck outside Washington DC - served 600 meals 7/31

Upcoming events - Triathlon on 9/1, half marathon on 10/13, WGBH Ice Cream Funfest 9/14-9/15 - contact WA1IDA if you can help

We had visitors from the Christian Science Monitor - doing a story on ham radio, emergency communications, and the ARRL Homeland Security grant.

JOTA - either a station for other JOTA stations to contact, possibly in Hingham, or possibly a full-fledged JOTA station at Hanscom.

BARC will have 2 club tables at Boxboro, out in the flea market area. We need people to help man the tables!!!

Discussed having a special event station - we would like to do it; now all we need is an event to tie it to.

Field Day expenses were \$642 - Food, gas, portapotty rental, and purchasing the canopy

Executive Committee is WA1IDA, KB1EKN, N1PBA, KA1TUZ, and N1YER

Looking for speakers - any ideas? Blake, K1BTH, is our speaker coordinator - contact him with suggestions or ideas.

The meeting adjourned at 2043 hrs.

The next Boston Amateur Radio Club business meeting will be held Thursday, September 5, 7:00pm, at the Parlin Memorial

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

Simplex: 147.42

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.)

3 October 2002  
7 November 2002  
5 December 2002  
2 January 2003  
6 February 2003

## 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, August 12, 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@arrrl.net](mailto:nlist@arrrl.net)

or

Dick Doherty, KA1TUZ

617.969.4880

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

## Future Exam Dates

(Second Mondays at 7:00 pm)

9 September 2002  
14 October 2002 (subject to adjustment)  
11 November 2002 (subject to adjustment)  
9 December 2002  
13 January 2003

## I See the Future

11 Aug	NoBARC Flea (Adams)
11 Aug	BARC Breakfast
12 Aug	BARC VE Exams
18 Aug	MIT Flea
24-25 Aug	ARRL NE Div Conv (Boxboro)
1 Sept	International Triathlon <b>(Rp)</b>
5 Sept	BARC Business Meeting
8 Sept	SEMARA Flea (S Dartmouth)
8 Sept	Mohawk ARC Flea (Orange)
8 Sept	BARC Breakfast
9 Sept	BARC VE Exams
14-15 Sept	WGBH Ice Cream FunFest
15 Sept	MIT Flea
19 Sept	BARC General Meeting
21 Sept	RIFMRS Flea (Forestdale RI)
4-5 Oct	Hoss Traders Flea (Hopkinton NH)
13 Oct	BAA Half Marathon <b>(Rp)</b>

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

## BARC Net NCS stations needed

Mike Ardai N1IST

We are constantly looking for people to help run the BARC Net each Monday night. This is a great way to get your feet wet in running a net and a nice way to help out the club. If you can help, please let me know when I ask for volunteers during the net or drop me an email at [nlist@arrrl.net](mailto:nlist@arrrl.net).

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

**Simplex: 147.42**

Special thanks to KB1EZZL, N1NHZ, N1GIE, and all the other regulars who help out by running the nets.

If it is a few minutes after 9 PM and nobody is running the net, please jump in and pick it up. The preamble is in the SPARC and on the BARC web page. If you don't have it with you, just wing it.

## 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.

## Catch us on the Internet!

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 and VE sessions, links to other radio clubs, and a club roster (only names, callsigns, and e-mail addresses are on-line). If you have any suggestions, please let me know at [nlist@arrl.net](mailto:nlist@arrl.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 infoserver, BARC documents, ham radio software, and a huge mods archive.

We also run a club e-mail list via [qth.net](http://qth.net). You can subscribe, unsubscribe, or manage your [qth.net](http://qth.net) subscriptions at <http://www.qth.net>. This change applies to all mailing lists previously on [qth.net](http://qth.net) directly.

73, /mike

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

## ARRL Receives Homeland Security Training Grant

From The ARRL Letter

Vol. 21, No. 28

The ARRL will receive a \$181,900 homeland security grant from the US government to train Amateur Radio operators in emergency communication. The League was among several dozen nonprofit organizations designated to receive some \$10.3 million in federal money to boost homeland defense volunteer programs. The grant, from the Corporation for National and Community Service special volunteer program, will provide free ARRL Amateur Radio Emergency Communications Course training to 5200 volunteers nationwide, starting in 2003.

"ARRL is the national association for Amateur Radio and is the national leader in emergency communications by volunteers who operate their own equipment on their time at no cost to any government, organization, or corporation," said the July 19 announcement from Homeland Security Director Tom Ridge. The ARRL plans to revise and update the emergency communications curriculum to incorporate additional elements of emergency preparedness and homeland security.

ARRL President Jim Haynie, W5JBP, said he was extremely pleased by the news. "This adds legitimacy to the public service work Amateur Radio has been doing for years," he said.

ARRL Chief Development Officer Mary Hobart, K1MMH, applied for the funding in May, inviting the Corporation for National and Community Service to become "a partner with the nation's oldest volunteer radio communications organization."

"I think this is an extraordinarily exciting day for Amateur Radio that the role of Amateur Radio in homeland security is recognized at the highest levels of government," Hobart said upon learning of the grant. The League's grant application characterized Amateur Radio as "the bedrock of communications when other outlets fail."

Citing Amateur Radio's response in the aftermath of the September 11 terrorist attacks, Hobart said the federal grant "will help continue our work in providing public service and to protect lives, homes, businesses and our frequencies, as we have for decades."

The League had sought a three-year grant of \$541,750. The \$181,900 grant covers the first year's direct program costs. The proposed budget includes the cost of a project coordinator who would be responsible for overall fiscal management of the grant.

ARRL Chief Executive Officer David Sumner, K1ZZ, said he was pleased that the League would be able to extend its Amateur Radio Emergency Communications program to thousands of

amateurs who might otherwise not be able to afford the program. "We hope all who are interested will get on board," he said.

The grant announcement said that "expanding the opportunities for Americans to participate in meaningful volunteer service" is at the heart of President George Bush's USA Freedom Corps, of which the Corporation for National and Community Service is a part.

"We are deeply grateful to Tom Ridge and to the Corporation for National and Community Service for providing Amateur Radio with a unique opportunity to serve our country," Hobart said.

In June, the ARRL and United Technologies Corporation announced a partnership to provide free ARRL Amateur Radio Emergency Communications Course training for up to 250 Connecticut amateurs.

## New Amateur Radio Antennas To Be Installed On ISS

From The ARRL Letter  
Vol. 21, No. 30

The last two Amateur Radio antennas are scheduled to be installed this month on the International Space Station's Zvezda Service Module—the crew's living quarters. The specially designed flexible-tape antennas will support Amateur Radio on the International Space Station (ARISS) VHF and UHF operation and are similar to an antenna installed last January 14 by the Expedition 4 crew.

ARISS International Group Chairman Frank Bauer, KA3HDO, says current plans call for Expedition 5 crewmembers to carry out space walks (called extra-vehicular activities or EVAs) August 16 and August 22. The two ARISS antennas could be installed during one or both of those EVAs. The all-ham Expedition 5 crew members are commander Valery Korzun, RZ3FK, cosmonaut Sergei Treshev, RZ3FU, and US astronaut Peggy Whitson, KC5ZTD.

Bauer said ARISS was working with its Russian partners on EVA procedures. "Once these antennas are installed and some tests planned for September are completed in Russia, additional ISS ham radio equipment will be installed in the Service Module," he said.

ARISS initial ham station gear—a single-band Ericsson 5-W hand-held transceiver for 2 meters—is installed in the Zarya Functional Cargo Block (FGB) using an antenna initially installed to aid docking operations and EVAs. The new VHF-UHF antennas and a flexible-tape HF antenna also installed January 25 are designed for and dedicated to ARISS operations. There is no HF gear aboard the ISS at this point.

Installation of the new antenna on Zvezda makes possible two separate ham stations aboard Space Station Alpha. Bauer said the additional gear due to be installed in the Service Module is one of

the 5-W 70-cm transceivers already aboard the ISS. The ARISS 2-meter transceiver now in use from the FGB will remain operational. "This will provide multiband operation," he said. Plans down the road call for installing HF gear at the ARISS station as well as higher power VHF and UHF equipment.

While the ARISS schedule of school contacts has been at a lull during the summer, Korzun has taken time to make some casual contacts. In addition, Bauer reported, Korzun logged nearly 140 ARRL Field Day contacts in June. He also connected a computer to the ARISS packet module and got the system running again after it was down for several weeks.

Bauer advised packet operators to stick with UNPROTO operations whenever possible and to use the Packet Mailbox System (PMS) only sparingly, if at all, for brief messages.

ARISS is an international project sponsored jointly by ARRL, NASA and AMSAT. A paper entitled "2001: an Amateur Radio Space Odyssey on the International Space Station," which details the development of ARISS and discusses the four new ARISS antennas, is available via the ARISS Web site <http://ariss.gsfc.nasa.gov/EVAs/amsat01.pdf>

## 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.

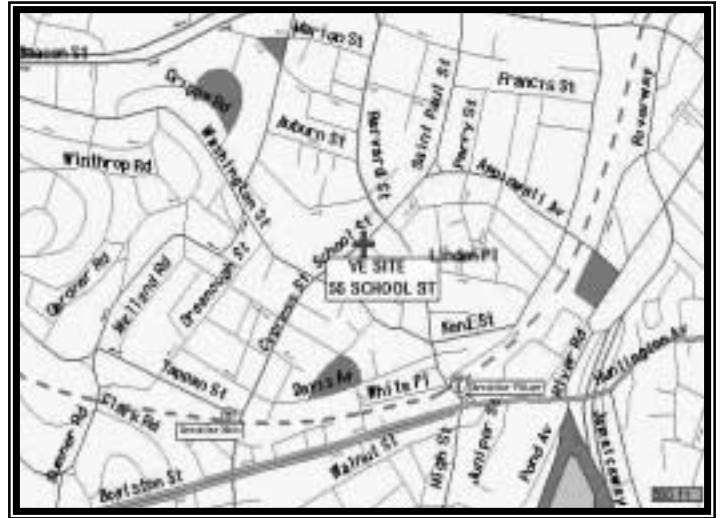
For additional information, contact Paul Carter at [n1tmf@pvcronics.com](mailto:n1tmf@pvcronics.com) or 617.232.6982; or Bob Salow at [walida@arrrl.net](mailto:walida@arrrl.net) or 508.650.9440.

## 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.



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: Frank Murphy, N1DHW;	617.491.8451 - n1dhw@attbi.com
Secretary: Mike Ardai, N1IST;	781.321.7939, n1ist@arrl.net
Treasurer: Jim Clogher, N1ICN,	617.364.4658; n1icn@rcn.com
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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 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
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 Newslines)	145.47
Su 9:30pm (4 <sup>th</sup> Sun. of Month)	EMA Section ARES Net	146.61 and all MMRA links

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

Simplex: 147.42