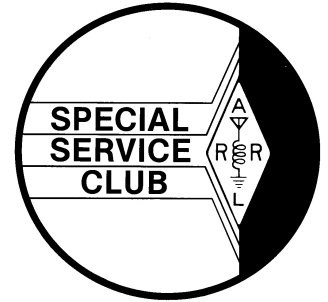




The SPARC

Volume XIV, Number 12; December 2002
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org>
w1bos@arrl.net



The President's Word

Paul Olivieri, N1ZKR

Happy Holidays! Another year has past and I would like to take this opportunity to thank everyone who has made this past year another successful one. After I say a general "Thank you" to all members for supporting the club by being members, I want to specifically thank some individuals.

First, I want to thank the officers and the Executive Committee for all the work that they have done to keep the club running. Also thank you to all the other folks who regularly attend the monthly business meetings; that's where the real work gets done. Thank you.

Next, I want to thank our outstanding VE team. Unless you got your license or upgraded at a BARC VE session, you have probably have never seen these folks at work. Yet, they are there the second Monday of the month at the Pierce School giving exams. Thank you.

Special thanks to the following:

Mike Ar dai – N1IST our club Secretary, Webmaster, VE Team leader, unofficial equipment disposal specialist and the guy in line at 5AM at the MIT Flea and ten thousand other things that he does. (Mike, here's a word to learn – "NO")

Dick Doherty – KA1TUZ Exec committee member, a VE, and the other guy in line before sunrise at MIT as well as being the host for the "folding party" to get *The SPARC* out every month.

Paul Carter – N1TMF the Editor of *The SPARC*. A real "behind the scenes" guy. Thank you, Thank you, Thank you.

Jim Clogher – N1ICN our club Treasurer, another VE and all around helpful guy. Thank you for managing to keep track of our sometimes confusing finances.

Bob Salow – WA1IDA Exec committee member, Public Service Chair, Keeper of the Database, and another guy who does ten thousand little things to keep the club running.

Mark Duff – KB1EKN our recent past president, Mark organized this year's JOTA event at the Bare Cove Fire Museum. Another guy who can't say "no." Thank you, Mark.

Bill Foley – KB1GLF our liaison to The Salvation Army and without whom we might be meeting in the street. A big Thank you, Bill.

I know that there are several other people who do a lot to keep the club going. I'm sorry that I don't have room to name all of you here. I'll get to you in a future column. "No good deed goes unpunished."

Don't forget that our December general meeting will be our holiday party at the Tin-Tin Buffet on North Beacon Street in Brighton. Peace.

We're the Hosts...

Arthur Ashley, N1NHZ

Our members attending the December 19 Holiday Party will be extending hospitality to families, friends and pre-hams. We urge everyone to wear their BARC name badges or other ham radio affiliations to facilitate making introductions, conversations and all around holiday hospitality for our guests. Have you ever entered a room full of strangers and tried to sort them all out? The wearing of your BARC name badge at the party will be a big help during the festivities.

The Youth Net Has Begun - For Kids Only

Frank Murphy, N1DHW

The **Youth Net** went on the air starting Sunday, 10 November at 7:00 pm. This is a directed net, with one of the youths as the Net Control Operator. It is strictly for young people up to Grade 12. Subject matters will be at the discretion of the net participants. All young operators are welcome.

No adults will be allowed to check in.

While no adults will be recognized during the Net, parents who desire to sign in a child under their station control, using the parent's call sign may do so. However, once the Net starts, no adults will be recognized, - only the youngster who was checked in.

The Minute Man Repeater Association (MMRA), through Kevin Paetzold, K1KWP, has graciously made available the MMRA linked repeater system to support this Net. The MMRA will have control operators monitoring. In addition, Ann Weldon, KA1PON, a mother, grandmother, Club President, and school

teacher, has agreed to act as a mentor and help to coordinate this Net.

What should the adult hams do? First, talk up the use of the Net. Then, advise all the young people that you are aware of to try connecting to one or another of the MMRA repeaters before the Net schedule begins, to see which repeater is best reached from their homes. Help them decide if you can. Check the MMRA web site for a list of repeaters:

<http://www.mmra.org/club/repeaters/>

There is a recently updated operating guide for the MMRA system at: <http://www.mmra.org/club/repeaters/opguide.html>

For an introduction for the youngsters, the suggested procedure when first checking into the Net is to give the call sign, first name, location, and the repeater frequency being used. Because of the MMRA linked repeaters, it is necessary to wait for 2 to 3 seconds to speak after keying.

The future of Amateur Radio, and our clubs depends on the young operators. Their future in continuing in the hobby depends on us. Let's not fail them.

Questions may be directed to:

Frank Murphy, N1DHW - n1dhw@arrl.net

Ann Weldon, KA1PON - aweldon@aol.com

Kevin Paetzold, K1KWP - k1kwp@arrl.net

BARC Dues Unchanged for 2003

By agreement of the BARC Officers and the Executive Committee, the dues structure for 2003 will not be changed from 2002. The details for the fiscal year beginning 1 January 2003 are as follows:

Regular Member	\$23.00
Junior Member (Under 18)	\$12.00
Senior Member (Over 64)	\$12.00
Family Member	\$12.00

Note: between 1 August and 30 November dues are half those shown above.

A membership information form is included with this issue of *The SPARC*. To smooth his workload, the Treasurer asks that you complete the form fully (and legibly) and mail it with your check as soon as you can.

Phil Leads Us Again

Congratulations and our sincere support to Phil Temples, K9HI, who has been reelected (unopposed) as ARRL Eastern Massachusetts Section Manager for a two-year term beginning 1 January. Phil is a Charter Member of BARC and a former president.

Hams Needed for Good Weather Duty

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

The Miami Tropical Hamboree (Hamfest) and the subsequent Miami Marathon need ham help. BARC member Ben Nemser, WA4DZS, says there is a desperate need for assistance to handle communications. The hamfest is 1 and 2 February, and the Miami Marathon is Sunday, 2 February. This will be the first year for the Miami Marathon, so skilled help can certainly be used.

Ben acknowledges the hardship for us in the Boston area to have to deal with the expected 65 - 70 degree days, but he thinks we can put up with it.

If you are interested, contact Ben at bnemser@nemal.com or at 305.439.7190.

ARRL Announces New Gear For ARES Volunteers

ARRL has announced that new gear for Amateur Radio Emergency Service (ARES) volunteers is now available. The initiative to offer stylized ARES gear to volunteers arose during the ARRL Board of Directors' meeting last January - in the wake of Amateur Radio's deep involvement in responding to the September 11 terrorist attacks. The Board asked ARRL staff to look into the possibility of developing distinctive garments for use by ARES team members that would be similar to jackets and vests worn by other public service volunteers.

A questionnaire circulated among ARRL field volunteers indicated overwhelming interest in the idea. Results of the survey plus additional feedback from ARES volunteers led to arrangements to make available ARES vests, windbreakers and equipment bags.

The ARES vest is a reflective-style garment similar to those worn by law enforcement officers or joggers. This orange "bib" can be worn over a shirt or jacket. Constructed of neon mesh with large front and back reflector panels, the vest is imprinted with the words "AMATEUR RADIO COMMUNICATIONS" on one side.

The vest is lightweight and easily folded and stored in your immediate-response kit. It features adjustable side straps, and one size fits most. The ARES vest retails for \$9.95 plus shipping and handling.

The brightly colored, royal blue windbreaker jacket features an embroidered ARES logo on the front and the words "AMATEUR RADIO COMMUNICATIONS" in white lettering on the back. The jacket is 100% Nylon and has a snap front and a polyester lining. There's a bottom drawstring to keep out drafts, plus side slash pockets and elasticized cuffs.

ARES members may personalize their windbreakers with optional *first name* and *call sign* for an additional \$4. Sizes available are medium (M), large (L) and extra-large (XL). The windbreaker retails for \$30.95 (sizes 2X are \$34.95 and 3X are \$38.95), plus shipping and handling.

Simplex: 147.42

The ARES equipment bag is the perfect immediate-response kit! It offers places to store hand-held radios, spare batteries, paperwork and manuals, portable rigs, coaxial cable, clothing, and more.

The ARES equipment bag comes in black only. It is embroidered with an attractive three-color ARES logo. It includes hand and shoulder straps, heavy-duty zippers, Velcro and quick-snaps. It's great for travelers or as an airplane carry-on too. The bag measures 20 inches long by 11 inches tall and 10 inches wide. It retails for \$24.95, plus shipping and handling.

All orders must be placed through ARRL's authorized agent - Barker Specialty Company
<http://www.barkerspecialty.com/arrrl>. ARRL Headquarters cannot handle orders. Barker Specialty also carries other official ARRL sportswear and supply items.

ARES stickers, decals, patches and other public service supply items are available directly from ARRL's online store
<http://www.arrrl.org/shop>.

“Good Amateur Practice” Means Never Having To Say You’re Sorry

From *ARRL Letter*, 11 October 2002

FCC Special Counsel Riley Hollingsworth has endorsed a list of several points that he feels help to define the concept of “good amateur practice.” Section 97.101(a) of the Amateur Radio Service rules refers to “good engineering and good amateur practice” - considered to refer to maintaining the highest standards of engineering and on-the-air comportment. But the rule lacks specifics.

“Good amateur practice is a hard thing to define,” Hollingsworth conceded. “I’d have to say it’s operating with the realization that frequencies are shared, that there’s going to be occasional interference and that’s no reason to become hateful and paranoid.”

Hollingsworth says amateurs have to realize that more people than ever are listening in, especially since September 11, 2001, and that amateurs always need to remember that “our rights end where another person’s begin.”

A Michigan Amateur Radio club has been credited with distributing a list of “Riley-isms” culled from Hollingsworth’s various talks at conventions and hamfests and club meetings around the US. Hollingsworth - who verified that he had been cited accurately - says his various comments represent an effort to flesh out what “good amateur practice” consists of for the considerate Amateur Radio operator. According to Hollingsworth, good amateur practice means:

◆ Giving a little ground - even if you have a right not to - in order to help preserve Amateur Radio and not cause it to get a bad name or hasten the day when it becomes obsolete.

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

◆ Respecting band plans, because they make it possible for every mode to have a chance.

◆ Being aware that we all love Amateur Radio, and there’s no need to damage or disgrace it just to save face.

◆ Keeping personal conflicts off the air. Settle your arguments on the telephone, the Internet or in person. Just keep them off the air.

◆ Cutting a net or a contester a break, even if you don’t have to and even if you have no interest whatsoever in nets or contesting.

◆ Realizing that every right carries responsibilities, and just because you may have a right to do certain things doesn’t mean it’s right to do them in every circumstance.

◆ You don’t “own” or get preference to use any frequency.

◆ Not operating so that whoever hears you becomes sorry they ever got into (or tuned in on) Amateur Radio in the first place.

Hollingsworth notes that the list “doesn’t touch on a lot of other technical issues, such as using 1500 W when your signal report received is 40 over 9.” Good amateur practice, he said, “just means a lot of things that can’t always be quantified.”

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, and proclaim, “Emergency Communications.”

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

December General Meeting (Not!)

The BARC Holiday Party replaces this month’s General meeting on Thursday, December 19 at the Tin-Tin Restaurant on North Beacon St. in Brighton. We want to see you there!

BARC General meetings are usually held at the Boston Salvation Army HQ building, corner of Berkeley St. and Columbus Ave. near Copley Square, in the third floor auditorium. **The next General meeting will be Thursday, January 16, 2003.**

Parking is available; the entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). It is also T accessible; the nearest T stations are Back Bay on the Orange and Purple lines (exit the rear of the station by the bus way and walk down Columbus) and Copley or Arlington on the Green line (use the Berkeley Street exit). A map appears on page 7 of the newsletter. If you arrive after 7:15 pm, ring the bell at the door to be admitted, as the door is locked then.

Simplex: 147.42

Future General Meeting Dates

(Third Thursdays at 7 p.m.)

16 January 2003
20 February 2003
20 March 2003
17 April 2003
15 May 2003

Minutes of the Boston Amateur Radio Club Business Meeting

The minutes of the December Business Meeting were not available at press time.

The next Boston Amateur Radio Club business meeting will be held Thursday, January 2, 2003, 7:00pm, at the Parlin Memorial Library [410 Broadway (Rt. 99), 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.)

6 February 2003
6 March 2003
3 April 2003
1 May 2003
5 June 2003

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.

Daniel Rajczyk N1KJN

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@arrrl.net.

BARC VE Session

The Boston Amateur Radio Club holds its monthly VE session on the second Monday of each month. The next session will be at 7 pm on Monday, January 13, 2003 at the Pierce School at 50 School Street in Brookline, Room 110 next to the cafeteria.

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

http://www.barc.org/barc/school_map.gif

for more info. This map also appears on page 7 of this newsletter.

For those traveling via public transportation, take the "D" branch of the Green Line to the Brookline Village station. Walk north along Harvard Street 0.2 miles to School Street then turn left. The Pierce School is on the left. The #66 bus runs on Harvard Street, crossing School Street.

Talk in on 145.23(-), PL 88.5.

We give all exams (Technician thru Extra, CW and written), and you don't need to pre-register. Please bring the following with you:

- Your current license *and a photocopy for the ARRL*, if you are upgrading
- Any CSCE's you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- **\$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 n1ist@arrrl.net

Dick Doherty, KA1TUZ 617.969.4880 ka1tuz@arrrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

13 January 2003
10 February 2003
10 March 2003
14 April 2003
12 May 2003
9 June 2003

I See the Future

19 Dec BARC Holiday Party
2 Jan 2003 BARC Business Meeting

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

Simplex: 147.42

12 Jan 2003 BARC Breakfast
16 Jan 2003 BARC General Meeting
25 Jan 2003 NE Antique RC (Nashua NH)
20 Apr 2003 MIT Flea

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.

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month. The next will be January 12. We meet at the Old Country Buffet at the Watertown Mall at 8:30 am. They are *very* good, offering an extensive breakfast buffet, costing \$7.02 (including taxes) per person - there is a Senior Citizen discount card available.

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!

Net Volunteers Needed

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

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

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

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.

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 infoserfer, BARC documents, ham radio software, and a huge mods archive.

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

73, /Mike - nlist@arrl.net

WRC-03 Conference Preparatory Meeting Under Way

The ARRL Letter Vol. 21, No. 46

The Conference Preparatory Meeting (CPM) for next year's World Radiocommunication Conference (WRC-03) opened in Geneva, Switzerland November 18. Some 1000 delegates are attending the worldwide gathering.

"The objective of the CPM is to approve a 500-page CPM Report to WRC-03 that will provide a technical basis for consideration of administrations' proposals for changes in the international Radio Regulations," explained ARRL Chief Executive Officer David Sumner, K1ZZ. Sumner is attending in his role as International Amateur Radio Union (IARU) secretary. He says 174 "input documents" to the CPM offer comments on the existing draft CPM Report text and propose additions, deletions, and changes.

Simplex: 147.42

Chairing the CPM is Germany's Eberhard George, DL7IH. At the day-long opening plenary, George and the chairpersons of the various working groups provided an overview of the meeting's structure and the major issues facing WRC-03.

"Several of the working group chairs were quite candid in their remarks," Sumner said. "Music to many ears including amateurs' was the assessment by New Zealand's Alan Jamieson regarding so-called little LEOs—mobile satellites operating below 1 GHz." According to Sumner, Jamieson said there was no congestion in their existing bands, and sharing studies had been unfavorable. Sumner predicted that the likely outcome at WRC-03 would be the suppression of an existing Resolution that invites sharing studies on the basis of an "urgent need" that no longer exists.

A thornier issue is 7-MHz "harmonization." The IARU backs a 300-kHz worldwide allocation in the vicinity of 7 MHz. "At this stage, we have six methods to address the agenda item," Sumner said—including no change in the status quo. The item is in Working Group 5 (WG5) "We can't say for sure that the six methods will be in the CPM Report until WG5 takes another pass at the revised draft text and it's approved in plenary." That's not supposed to happen until next week.

Substantive work of the CPM will be wrapped up November 28—Thanksgiving in the US, but just another workday in Geneva.

In addition to Sumner, those representing the IARU at the CPM include President Larry Price, W4RA, and Region 1 Executive Committee member Wojciech Nietyksza, SP5FM. IARU Vice President David Wardlaw, VK3ADW, is on the Australian delegation and ARRL Technical Relations Manager Paul Rinaldo, W4RI, is on the US delegation.

Several other amateurs are on their national delegations, either to represent the amateur services or in professional capacities.

Amateurs Aid In Wake Of Connecticut Ice Storm

The ARRL Letter Vol. 21, No. 46

Amateur Radio Emergency Service (ARES) members got to work quickly the morning of Sunday, November 17, as an ice storm knocked out power to almost 130,000 Connecticut homes and businesses, mostly in the northwestern part of the state. The statewide alert—and the resulting ARES activation—lasted 48 hours. Connecticut Gov John Rowland toured the region and visited the ham station set up at the Torrington Emergency Operations Center.

Connecticut Section Emergency Coordinator Allen Pitts, W1AGP, said about 30 hams from all over The Nutmeg State headed into the affected area, mostly in northwestern Connecticut. He characterized ARES members' efforts as "wonderful." Pitts said Connecticut ARES had been drilling informally in conjunction with ARES teams in Eastern New York and New Hampshire, and

the effort paid off. "The drills covered a very similar situation," he said. "The level of coordination and cooperation was incredible."

ARRL staffer Brennan Price, N4QX, was among those taking a turn as net control of the Connecticut Phone Net on 3965 kHz. "The good thing about this particular situation was with such a small part of the state hit, there were a lot of others in the state able to help out," he said. "It all came together quickly and was nicely pulled off."

West Hartford-Area EC Harry Aberly, AB1ER, said most of the work hams did was in Torrington area shelters. That Litchfield County community was among the hardest hit.

Connecticut ARES linked 10 VHF and UHF repeaters in Torrington, Vernon, Naugatuck, Meriden, New Milford and Washington. Separate resource and tactical nets were run on other 2-meter repeaters.

Dutchess County, New York, EC Adam Nowik Jr, KC2DAA, said amateurs in Eastern New York activated their own net, and more than a half dozen New Yorkers arrived in the Torrington area within three hours of the activation. "Our net was kept active in the event the Connecticut section had need for additional communications or had a complete communications breakdown," Nowik said. Frank Stone, KB2YUR, served as a liaison between Aberly and the hams in Eastern New York for the duration of the incident.

After 27 hours, the Connecticut Phone Net's Emergency session on HF was able to stand down the afternoon of November 18, as temperatures rose into the 40s. But 20 minutes later, the net was back up after a trunk line from New York went down and more people lost power, Pitts said. Relief efforts by area radio amateurs continued into the evening of November 18, when the statewide ARES alert was terminated. "We did not shut down statewide until we were sure everyone was off the roads, home safe and checked in," Pitts said.

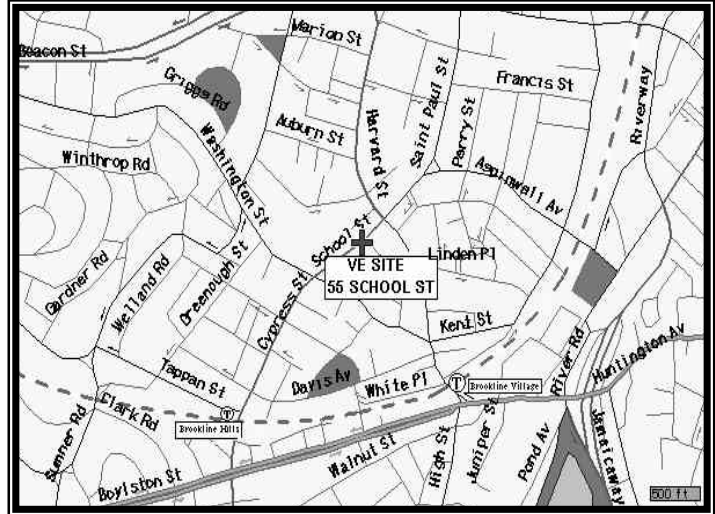
Pitts credited greater professionalism and proficiency over the past several months to the ARRL Amateur Radio Emergency Communications courses (<http://www.arrl.org/cce/>) offered online. "We're seeing a real difference, and the quality of operations is definitely up," he said. Thanks to a \$33,000 grant from Hartford-based United Technologies Corporation, up to 250 Connecticut amateurs will be able to take the ARRL Level I Amateur Radio Emergency Communications course (EC-001) free of charge.

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 HQ
 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 Ar dai, N1IST	781.321.7939	n1ist@arrl.net
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@rcn.com
Volunteer Exams	Mike Ar dai, N1IST	781.321.7939	n1ist@arrl.net
	Dick Doherty, KA1TUZ	617.969.4880	ka1tuz@arrl.net
Membership Services	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	walida@arrl.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvcronics.com

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

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

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

The Boston Amateur Radio Club publishes *The SPARC* monthly. The design and content are Copyright © 2002, all rights reserved. Permission is hereby granted to reprint or distribute by electronic or other means any material herein, provided this publication and the issue date are credited, and a copy of such publication is sent to BARC. Such permission is limited to use for non-commercial purposes for the benefit of the Amateur Radio community. Permission for other purposes must be obtained in writing.

Greater Boston Net Directory

daily 5:30pm	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
Mon 9pm	BARC Club Net	145.23 (PL 88.5)
Tue 8pm	MMRA Club Net	146.61 and all MMRA links
Tue 9pm	EMA Public Safety Net	145.23 (PL 88.5)
Tue 9pm	NETARC Satellite Net W1ME, NCS	446.575 (PL 88.5)
Wed 8pm	Wellesley Amateur Radio Society Net	147.03
Wed 9pm	HHTN Swap Net	146.64
Thu 8:30pm	AMSAT Net N1OHJ, NCS	146.64
Fri 9pm	SWAT Net and Net Control 101	145.23(PL 88.5)
Sun 9:30am	Yankee SSB Net (6M)	50.275
Sun 7pm	Youth Net	146.61 and all MMRA links
Sun 7pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Sun 8:30pm	NSRA Net (with Newsl ine)	145.47
4th Sundays, 9:30pm	EMA Section ARES Net	146.61 and all MMRA links