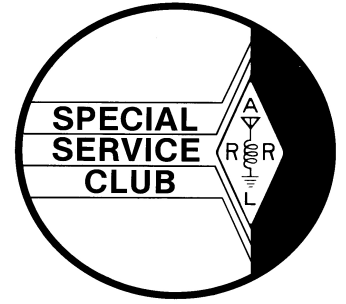




The SPARC

Volume XV, Number 2; February 2003
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org>
w1bos@arrl.net



The President's Word

Paul Olivieri, N1ZKR

Please take a moment to mourn with me the loss of the seven astronauts, three of whom were Hams, of the crew of the Space Shuttle Columbia. The Columbia was the oldest in the fleet and the first to carry Ham Radio.

Boy, it's cold and snowy out there. But that didn't stop folks from taking part in the winter communication exercise on Saturday, February 8. Being called by some the "winter SET", it was another opportunity to learn traffic handling and hone our operating skills.

"Is that all you get for your money?" Come to the general meeting this month to hear Eastern Mass Section Manager Phil Temples, K9HI, tell us a little about what the ARRL does with our membership dues besides send us QST and about his part in the ARRL field service.

Don't forget to check in to the club net on Monday nights at 9:00pm. As always, we still need more volunteers to be Net Control.

Thank you and "73".

Hams Wanted For the Multiple Sclerosis Walk

The Boston Multiple Sclerosis Walk will be held on **Sunday, 6 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.

The Start/Finish and the route have had major changes this year. The Start/Finish will be at Artisan Park in Brighton - across Soldiers Field Road from the WBZ Channel 4 studio. The route details are yet to be worked out. When that information is available, a scouting party will investigate.

We need about 20 hams to staff the checkpoints, the hazardous locations and to shadow the key people. As usual, we will meet for orientation and assignment at 1000, and we should be finished by 1500. Since the schedule has returned to early April, the weather may still be cool. The present plan is to use both 2-meter and 70-cm repeaters.

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 w1alida@arrl.net or by phone at 508.650.9440.

Emergency Management Training

Tom Kinahan N1CPE

The following Emergency Management Training is available to Amateur Radio Operators at various locations around the state. For details see the MEMA web site at: <http://www.mass.gov/mema>. Training is free while any meals are not provided. Advanced registration is required for all classes.

Feb 12-13 Introduction to Emergency Management, Region 1
Feb 19-20 EOC Management & Operations, MEMA HQ

Mar 3 Shelter Operations, Region 2
Mar 4 Disaster Related Needs of Seniors, MEMA HQ
Mar 5-6 ICS-200, MEMA HQ
Mar 11-12 Multi-Hazard School Program, Region 3
Mar 14 Shelter Operations, Region 4
Mar 19-20 Terrorism Planning, Region 1
Mar 25 Hazmat Awareness, Region 2
Mar 25 Shelter Operations, Region 3
Mar 27-28 EOC Management and Operations, Region 2

VE Examination Fees Increase in 2003

ARRL Nov 12, 2002

Starting January 1, the fee charged all applicants at ARRL VEC-coordinated Amateur Radio test sessions will increase from \$10 to \$12 for the year 2003. This fee is charged to anyone applying for a new amateur license or upgrading their operating privileges.

Applicants failing an exam element at ARRL sessions where examiners permit retesting on the same exam element also must submit a retest fee of \$12.

Additionally, the maximum reimbursement ARRL VEC allows ARRL volunteer examiner (VE) teams to retain to directly offset their prudently incurred out-of-pocket expenses will increase from \$4 to \$6 in 2003 (this fee has remained at \$4 per person served since 1991). "While the number of examinees has remained relatively unchanged in the past 24 months, our cost of doing business--and the expenses incurred by ARRL VEs--continues to rise," said ARRL VEC Manager Bart Jahnke, W9JJ. "An

adjustment was needed in the 2003 test fee if we intended to maintain the same level of service that our VEs and VE teams have come to expect." Jahnke said that adjusting the reimbursement level for ARRL VEs who retain a portion of the fees to offset their out-of-pocket, exam-related expenses was also past due.

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.

"EAN"

Part 2

By Phil Temples, K9HI

>> *continued from the previous issue of The SPARC*

This story, while fictionalized, serves as an introduction to the nature of the National Traffic System beyond the local nets. The dedicated hams who relay traffic throughout the US and Canada are the role models for all who aspire to this high service.

George in Elizabethtown, Ontario, acting as Eastern Canada Net's TX station, listed his QTC.

Without so much as an "R" for acknowledgement I decided to hook George up with the Fourth Region Net Receive station — a station who had not yet checked in.

"4RN RX QNI," I sent to the net. In other words, "Fourth Region Net Receive station please check in now."

"...DE W4ANK 4RN RX QRU," came the reply.

I dispatched the two off frequency:

"W4ANK VE3BDM U 7 4RN."

I heard a quick "dit" and "dah" response from W4ANK and VE3BDM as they headed "Up Seven" to handle the Fourth Region traffic.

Ten minutes later, I had Transmit and Receive stations checked in from the First, Second, Third, Fourth, Eighth and Eastern Canada Region Nets. I also had TX and RX stations from the Central and Pacific Area Nets. The latter serve as representatives of the TCC or "Transcontinental Corps," an elite group which serves as liaison among the three Area nets.

An Alternate Transmit, or "ALT TX" station from First Region Net came to EAN. The 1RN Net Control Station had wisely decided to spread the load of outgoing traffic between two stations instead of a single TX station. To further assist with the heavy volume, I also had a 2RN- and a 3RN- ALT RX stations standing by if needed. Two stations casually checked in without assignments, both "QRU." I politely excused them immediately from the net.

I consulted the "bingo sheet," my low-tech, pencil-and-paper solution for tracking the locations and traffic lists of all stations on the Net. By my calculations I had facilitated the passing of roughly 60 percent of the traffic listed. Several stations were "queued" up off frequency waiting their turn to send traffic to receiving stations.

Using my auxiliary VFO, I tuned down 20 kHz to hear how the Fourth Region Net Receive and Third Region Transmit stations were doing. Everything was running smoothly.

"...AR 1."

"Dit."

The 3RN TX ended a message with the prosign "AR" followed by the number 1, indicating that he had one more message left to transmit. 4RN RX acknowledged that he was ready to copy the next message by answering with a single "dit". I decided that it was time to have the next station with 4RN traffic queued up and ready to go.

I flipped back to the net frequency.

"HRI," I sent, addressing the 1RN Alternate TX, WB1HRI.

"Dit," replied WB1HRI.

"QNQ D 20 W4ANK 4RN," I said. (Translation: "Change frequency down 20 kHz and wait for W4ANK to finish handling traffic. Then send him traffic for 4RN.")

"G," he replied. ("Going.")

Just like that — it was done.

I dialed "Up 20" to listen to the traffic flow between the 2RN TX and 3RN RX stations. Things were a little rough. The Receive station had instructed the Transmit station to "QRS 10" or "Send more slowly, 10 words per minute." There was a significant amount of signal fading, or "QSB" between the two stations.

Solid copy is paramount when handling radiograms; speed takes a back seat to accuracy. I've heard veteran traffic handlers slow down to less than five wpm when the situation warranted.

"...MERRY CHRI [...] MA..."

"...Daaaahhhhhh..."

The receiving station hit his key to interrupt. When he heard the TX station had stopped, RX sent, "AA MERRY." Translation: "ALL AFTER the word MERRY."

A causal operator would assume that the word in question was CHRISTMAS. When handling traffic, however, one does not guess. Instead, one requests a "fill" by using prosigns such as AA ("All After"), AB ("All Before"), BN ("Between") and so forth.

The sending station picked up with the word MERRY and continued slowly with the rest of the message.

Back on the Net frequency I heard, "QRL?" A station that was not a part of the Net was inquiring, "Is the frequency in use?"

"QRL" I replied. ("The frequency is in use.")

To be continued in the next issue of The SPARC

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.

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>.

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.

February General Meeting

The guest speaker for the February General Meeting will be our own ARRL Eastern Massachusetts Section Manager, Phil Temples. Originally from Bloomington, Indiana, and an electrical engineering graduate from Purdue, Phil Temples served as Section Manager in 1994 until 1996. He was again elected last November and his new term began January 1.

Phil will be speaking on the ARRL in general and his duties as Section Manager representing hams here in Eastern Massachusetts. The ARRL is a vast organization representing the interests of amateur radio operators nationwide. Aside from receiving QST every month, a lot of hams don't know what services the ARRL offers.

The February General Meeting will be held on Thursday February 20, 2003 at 7:00 P.M

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 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.

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.)

20 March 2003

17 April 2003

15 May 2003

19 June 2003

Minutes of the Boston Amateur Radio Club Business Meeting

February 6, 2003

Submitted by: Frank Murphy - N1DHW

Attendees:

Paul Oliveri	N1ZKR	President
Frank Murphy	N1DHW	Vice President
Mark Duff	KB1EKN	Exec. Comm.
Dick Doherty	KA1TUZ	Exec. Comm.
Jim Clogher	N1ICN	Treasurer
Arthur Ashley	N1NHZ	Membership Services
Rick Hampton	WD8KEL	
Ed Hennessy	N1PBA	Section PIO
Joe Scully	K1SQT	
Dan Malloy	KA1RDZ	
Mike Legere	KE1LU	

Meeting got underway about 7:15 after N1ZKR was forced to leave due to being sick. Frank - N1DHW continued meeting.

Reports were given by:

Treasurer - Jim said we're in good shape financially.

Membership- Arthur reported several inquiries of a Tech. class. Discussion and agreement followed that a number of clubs had classes scheduled and we would refer those inquirers to classes already scheduled. Agreement also reached that BARC would hold-off a class until early spring. Bill Foley also inquired about a class being scheduled for Boston Salvation Army personnel.

VE Group - Dick Doherty suggested that we take note of KA1KHK, Ed Matteson's dedication and service to our VE efforts, and a suitable gift and sincere Thank You will be offered.

Mark Duff - Presented JOTA patches to the JOTA committee, they were much appreciated. Proposed a meeting be scheduled to establish a Field Day Committee to act in lieu of having a FD Chairman. (share the workload) A meeting date will be set and announced soon. Submitted a proposal to move FD site to the Fire Museum in Hingham, (JOTA site) Bob, WA1IDA, will still be asked to communicate (letter) with Brookline Town Officials on present site. Submitted that we (the club) were not paying attention to properly greeting new members and guests that attend our regular meetings, citing personal knowledge of some who came and were ignored by the body. It was agreed that we would return to going around the room with self introductions as in the past. (This has been missing from the last few meetings.)

BERT Team - There was discussion on a replacement for BERT Team Leader with the resignation of Rick - NG1L due to personal reasons. One member showed interest, but needs time to consider.

Frank Murphy - Frank offered a description of the NEW Salvation Army Boston EOC, discussing the equipment, antennas, and facility. The set up was completed on Wednesday, and would undergo a "Baptism of Fire" during the Saturday ARES/RACES Winter SET. (as I write this, the EOC setup and equipment has proved itself and credit goes to Bill Foley for his efforts, along with those who volunteered to man the stations on a cold Saturday.)

Mike Legere- KE1LU - Mike submitted a Letter of Inquiry to BARC, asking the clubs position on supporting the Boy Scouts of America, due to recent discrimination publicity. Several members present offered their views, we heard Mike's, and after lengthy discussion, Mike seemed satisfied when told that BARC would continue in its present position of supporting the "children" in the local Boy and Girl Scout Troops in their efforts to enjoy and learn ham radio from our continued JOTA activities. We are a ham radio club, and offer our educational services to all, without discrimination of any kind.

Also discussed: The limitation on time at the business meeting does not afford those in attendance with time to enjoy each others company after the meeting business has been conducted. Therefore, all members are asked to convey any thoughts on alternative locations to Paul (N1ZKR) for consideration.

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

Simplex: 147.42

The next Boston Amateur Radio Club business meeting will be held Thursday, March 6, 2003, 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 7:00 p.m.)

3 April 2003
1 May 2003
5 June 2003
3 July 2003
7 August 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.

Dan Berky	KB1JBN
John Rhoads	K1IS

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

BARC VE Session

The Boston Amateur Radio Club holds its monthly VE session on the second Monday of each month. The next session will be at 7pm on Monday, March 10, 2003 at the Pierce School at 50 School Street in Brookline, Room 110 next to the cafeteria.

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

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

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

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

Talk in on 145.23(-), PL 88.5.

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

- Your current license *and a photocopy for the ARRL*, if you are upgrading
- Any CSCE's you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- \$12.00 (good for all the tests you take at that session, except for retests).
- Note that code tests are no longer free. Those taking the code test only will also have to pay the \$12 fee. Code and written tests can be taken together at the same session for a single \$12 fee.

The needed FCC forms will be provided.

For further information, contact

Mike Ardai, N1IST 781.321.7939 n1ist@arrl.net

Dick Doherty, KA1TUZ 617.969.4880 ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

14 April 2003
12 May 2003
9 June 2003
14 July 2003
11 August 2003

I See the Future

15 Feb	Algonquin ARA Flea (Marlboro)
20 Feb	BARC General meeting
6 Mar	BARC Business meeting
9 Mar	BARC Breakfast
9 Mar	Mt Tom ARA Flea (Amherst)
10 Mar	BARC VE session
20 Mar	BARC General meeting
30 Mar	Framingham ARA Flea
6 Apr	Multiple Sclerosis Walk (Rp)
20 Apr	MIT Flea
3-4 May	New England QSO Party
26 Apr	NE Antique RC (Nashua NH)
2-3 May	Hoss Traders Flea (Hopkinton NH)
10 May	RIFMRS (Forestdale RI)
18 May	MIT Flea

(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.

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

Simplex: 147.42

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which will be March 9 month. We'll be meeting at the Old Country Buffet at the Watertown Mall at 8:30am.

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

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

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

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 N1IST.

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.

Box Of Computer Stuff For The Taking

I have a box full of computer components:

- motherboard(s) (486/pentium, with uP)
- video cards
- hard disks
- power supplies
- who knows what else.

I'm cleaning out my shack, I have really no use for it, and the next-door Amvets doesn't take any electronics. If there is anyone who wants it, you can come and pick it up for free. I'm in Allston/Brighton. Let me know by sending me an email off-list.

Ramón F. Kolb, W1/PA3EUG
ramon@ieee.org

Several Hundred Boston Area Hams Could Be Reading Your Ad Right Now

The SPARC accepts commercial advertisements. BARC encourages monthly promotion of your products and services which would be of interest to our hundreds of members and others interested in the Amateur Radio Service.

Rates for display advertising are:

1 col x 2 in. (business card)	\$10 per issue
1 col x 2 in. (business card)	\$50 per 6 consecutive months
1 col x 2 in. (business card)	\$90 per 12 consecutive months
1 col x 4 in. (1/2 col)	\$20 per issue
1 col x 9.5 in. (full col)	\$40 per issue

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

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

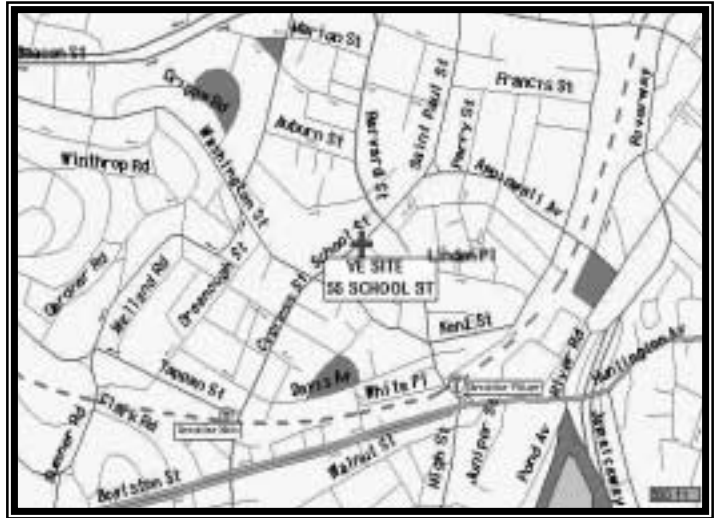
For additional information, contact Paul Carter at n1tmf@pvctronics.com or 617.232.6982; or Bob Salow at walida@arrl.net or 508.650.9440.

Your Ad Could Have Been Here

Are you a depressed BARC member because you have a treasure you must turn to cash and you couldn't make it to the last flea market? Well, cheer up, Bunky! The SPARC will run your (non-business) ad for free. Of course, a 10% donation if you sell it (and of course you will) will be cheerfully accepted. Just send your ad to Editor Paul Carter, N1TMF.



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



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

BARC Officers and Staff

President: Paul Olivieri, N1ZKR;	617.782.4005; n1zkr@juno.com
Vice President: 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
Fr 9pm	SWAT Net and Net Control 101	145.23(PL 88.5)
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 7pm	Youth Net	146.61 and all MMRA links
Su 7pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Su 8:30pm	NSRA Net (with Newsline)	145.47
Su 8:00pm (3 th 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