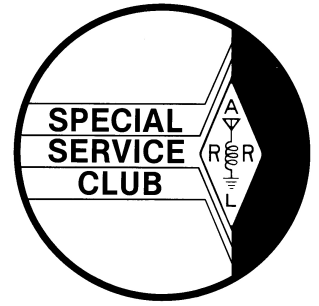




The SPARC

Volume XV, Number 3; March 2003
Newsletter of the Boston Amateur Radio Club
<http://www.barcl.org>
w1bos@arrl.net



The President's Word

Paul Olivieri, N1ZKR

Well February was quite a month... We made history with the President's Day snowstorm breaking the record from the Blizzard of '78 for a total snowfall of 27.5 inches in Boston. I'm sure that many folks had much deeper drifts to deal with thanks to the strong winds that prompted a blizzard warning to be issued by NWS. But that didn't stop ham radio: SKYWARN spotters were active throughout the area and through the use of the internet with IRLP several nodes were linked giving coverage from New York City and Long Island through Connecticut and Massachusetts. This IRLP net linked repeaters in a large area affected by the storm with the National Weather Service offices in Brookhaven New York and Taunton Mass allowing real time reports on the progress of the storm. This was especially helpful as the radar at Taunton was out of order for the entire storm!

There were a couple of other storms during the month with significant snowfall including one on the 25th anniversary of the Blizzard of '78. Once again a storm caused BARC to postpone the Business Meeting on March 6th to the BARC Breakfast on Sunday the ninth. It was great to see everyone who came to the breakfast and stayed for the meeting. The major piece of business decided was the approval to purchase a new Yaesu radio which will have a built in power supply and automatic tuner and will cover the HF and six meter bands as well as two meters and 440mHz band. This radio will replace the older Yaesu 930, which was sold along with some other older equipment to allow the purchase of this state of the art radio, which is complete, compact, and *much lighter*.

We are moving forward with plans for Field Day 2003 and our first meeting will have taken place by the time this issue of the SPARC hits the mail slot. As Spring approaches there are many planned training opportunities and public service events so keep your eyes and ears open and sign up for these events when the final dates are made available.

As always, Net Control operators are needed for the Monday night BARC net at 9:00pm local time.

Be careful these last few winter days. Stay safe.

Forget the health food. I need all the preservatives I can get.

Hams Needed For the Multiple Sclerosis Walk

Bob Salow WA1IDA

More hams are needed for the Boston Multiple Sclerosis Walk, which 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 (TV Channel 4) studio. The route details are yet to be worked out. When that information is available, a scouting party will investigate, and volunteers will be notified.

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 Artisan Park at 1000. We are usually finished before 1430. 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. There may be some mobile assignments; if you have a magnetic mount antenna, bring it.

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 w1valida@arrl.net or by phone at 508.650.9440.

District Emergency Coordinator Appointed

Mark Duff, KB1EKN, has accepted an appointment as ARRL District Emergency Coordinator (DEC) by Mike Neilsen, W1MPN, Eastern Massachusetts Section Emergency Coordinator (SEC). Mark will be responsible for ARES activities in the Greater Boston area. Mark replaces Bill Ricker, N1VUX, who has resigned due to other commitments.

BERT Team Leader Selected

Blake Haskell, K1BTH, has been appointed by BARC President Paul Olivieri, N1ZKR, as the leader of the BARC Emergency Response Team (BERT). Blake takes the place of Rick Desisto, NG1L, who has resigned due to business pressures.

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

Simplex: 147.42

BERT members respond to emergency communication needs from the communities and agencies in Greater Boston and beyond. It is a vital part of BARC activities. Training and drills prepare the team for critical needs. New members are welcome. For more information, contact Blake at k1bth@aol.com or at 781.925.9900.

SKYWARN Training

The SKYWARN program comes from the close relationship between ham radio and the National Weather Service (NWS). The NWS trains hams and others in observational and reporting techniques to provide on-the-ground information, which is otherwise difficult for the forecasters to obtain. Hams are strongly encouraged to have this knowledge.

Training sessions are scheduled in many locations and throughout the year. The next session, convenient to the Greater Boston area is on Thursday, 8 May 2003 from 1900 to 2200 at the Walpole Town Hall/Senior Center in Walpole MA.

Further information, as well as the full schedule can be found at: <http://users.rcn.com/trsched.htm> or by sending email to: rmacedo@rcn.com.

S.A.T.E.R.N. HF Net Revival

We are going to try a local Northeast net for SATERN Salvation Army Team Emergency Net. You do not have to be a member to check in; all we are trying to do is to establish a local net for emergencies.

We will try 7.265 at 11 am EST on Saturday mornings.

Dick, KA1TUZ - ka1tuz@arrrl.net

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.

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

Quoting one is plagiarism; quoting many is research.

Consciousness: that annoying time between naps.

Funny, I don't remember being absent minded...

“EAN”

Part 3

By Phil Temples, K9HI

continued from the previous issue of The SPARC

This story, while fictionalized, has served 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.

“SRI.” The station apologized for the intrusion and left.

A moment later, I heard: “OKN NG” followed immediately by, “...FTX.”

The previous exchange between the 3RN RX and 2RN TX stations had gone poorly. W3OKN had indicated a busted exchange by saying “NG”, or “No Go.” Following proper procedure, they returned to net frequency to await further instructions. It was time to get them a relay — someone located in a favorable QTH who could both hear and be heard by them.

“OKN FTX AS,” I replied. Then I called for the relay.

“W4ABC.”

“Dah.” W4ABC responded.

I said, “QNB W3OKN N4FTX U 20.”

I heard three “dits” confirming that all three stations acknowledged my instructions for W4ABC to act as a relay for W3OKN and N4FTX. All three went up 20 kHz to try again.

Things were rolling along. The net had been in session for thirty-five minutes. Everyone who had their traffic cleared had been “QNX” or excused from the net. Eight stations were currently passing traffic, or queued up waiting. I had had no new check-ins for ten minutes. I decided to officially close the net.

”QNC QRU EAN QNF TU GUD WRK ALL.” Translation: “Announcement. No traffic for Eastern Area Net. The Net is Free. Thank You. Good Work, Everyone.”

I remained on frequency for the next 15-20 minutes, excusing returning stations and thanking them individually. In the space of 55 or so minutes, we had collectively relayed 67 messages with 100 percent accuracy. Tomorrow evening a whole different group of Amateur operators would get together and do it all over again, as is the case seven days a week, 365 days per year.

END

In case you missed it, you may read this entire story at:

www.temples.com/mod.php?mod=userpage&menu=140025&page_id=44

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/arrl>. 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.arrl.org/shop>.

Orange Caps For Emergency and Public Service Events

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.

March General Meeting

The February General Meeting will be held on Thursday March 20, 2003 at 7:00 pm. Our General meetings are held at the Boston Back Bay Salvation Army Building, Columbus Ave. corner of Berkeley St. (near Copley Square), in the third floor auditorium.

In insert with this issue shows the featured activity.

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). See the map on page 7 of the newsletter.

People arriving after 7:15 pm may 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 April 2003

15 May 2003

19 June 2003

No General meetings are planned for July and August

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. This is excellent practice for emergency communications, and is also an opportunity to sharpen your operating skills among a friendly group of people. For further information, please contact Mike Arday N1IST.

Make the Meetings Better

Simplex: 147.42

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

You have the opportunity to make our BARC meetings more informative and enjoyable. We are looking for speakers who are knowledgeable and make a good presentation. Their subjects can be ham radio related (a huge spectrum here), or in other technical or civic areas.

If you thought a speaker and subject were interesting, the rest of us probably would, too. Our Activities Coordinator is Blake, K1BTH. Contact Blake and he will coordinate the speaker and date. Get it moving by email at k1bth@aol.com or call him at 781.925.9900.

Minutes of the Boston Amateur Radio Club Business Meeting

March 9, 2003 (postponed from March 6 by hazardous weather)
Recorded by Mike Ardai, N1IST, Secretary

Present were:

Mike Ardai	N1IST	Secretary
Arthur Ashley	N1NHZ	Membership Services
Jim Clogher	N1ICN	Treasurer
John Connors	KA1BUF	
Lavinia Connors		
Dick Doherty	KA1TUZ	
Mark Duff	KB1EKN	
Rick Hampton	WD8KEL	
Joseph Harris	KB1IXK	
Blake Haskell	K1BTH	
Walter Kahn	KB1IBG	
Pamela Malloy-Ricker	KB1FQE	
Frank Murphy	N1DHW	
Terry Murphy		
Paul Olivieri	N1ZKR	President
Bill Ricker	N1VUX	
Bob Salow	WA1IDA	Public Service
Joe Scully	K1SQT	
Ralph Walton	N1KOI	

The meeting started at approximately 0930 hrs.

This meeting was postponed from the normal date and time due to inclement weather.

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

Field Day planning meeting and Newsletter folding will be held at the CambridgeSide Galleria Mall food court, lower level on Wednesday 3/12 at 1830

April Simulated Emergency Test on 4/26 - more info at the March general meeting.

BARC roster will be distributed to members in the April SPARC

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

People who haven't renewed by 3/10 will get a reminder notice and membership application instead of the March SPARC

We will take volunteers for BARC net control stations at the general and business meetings

Thanks to N1GIE, N1DHW, and N1NHZ for picking up the net

A motion was made and passed to purchase a Yaesu FT-897, power supply, tuner, filters, and case to replace the Kenwood TS-930 that we sold was made by N1IST and seconded by KA1TUZ. K1BTH will look into any discounts that he can get for us.

There may be a SKYWARN training class at MIT in June

The meeting adjourned at 1008 hrs, to be continued Wednesday night at the field day meeting if necessary.

The next Boston Amateur Radio Club business meeting will be held Thursday, April 3, 2003, at 1900, 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 7:00 p.m.)

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

Andy Cerier	N1XZI	Upgrade to General
Ramon Kolb	PA3EUG	
Lou Ricker		

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: wa1ida@arrl.net.

BARC VE Session

Simplex: 147.42

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, April 14, 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 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 kaltuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

14 Apr 2003
12 May 2003
9 June 2003
14 July 2003
11 August 2003
8 September 2003

Ever stop to think and forget to start again?

Whatever happened to Preparations A through G?

The gene pool could use a little chlorine.

BARC Monthly Breakfast

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

BARC has a social breakfast on the second Sunday of every month - next will be April 13. We meet and eat 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.

We get together, socialize and eat, without having any formal club events or business. Family and friends of club members are encouraged. 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 Blvd to the Watertown exit. Then turn right on to Arsenal St. There is plenty of 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!

I See the Future

20 Mar	BARC General Meeting
30 Mar	Framingham ARA Flea (Framingham)
3 Apr	BARC Business Meeting
6 Apr	Multiple Sclerosis Walk (Rp)
13 Apr	BARC Breakfast
17 Apr	BARC General meeting
20 Apr	MIT Flea
26 Apr	NE Antique RC (Nashua NH)
2-3 May	Hoss Traders Flea (Hopkinton NH)
3-4 May	New England QSO Party
10 May	RIFMRS Flea (Forestdale RI)
12 May	FCARC Flea (Whately)
18 May	MIT Flea
7 Jun	Falmouth ARA Flea (Falmouth)
15 Jun	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.

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

Simplex: 147.42

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.

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

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

Rates for display advertising are:

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

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

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

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

Your Own 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.

ARRL Concludes 5-MHz Experiments, Awaits FCC Decision On New Band

The ARRL Letter - January 3, 2003

Without fanfare, the ARRL allowed its WA2XSY 5-MHz experimental license to lapse January 1 rather than request renewal for another year. Last May, the FCC proposed going along with the ARRL's 2001 request for a new domestic (US-only), secondary HF allocation at 5.25 to 5.4 MHz. Discussions with various governmental agencies--including the Interdepartment Radio Advisory Committee (IRAC) and the National Telecommunications and Information Administration (NTIA)--continue on how to accommodate amateur operation in the band, which is primary for several governmental agencies including the military. The NTIA regulates radio spectrum allocated to the federal government.

"At this point, we have every reason to believe the FCC will act on its proposal early this year," said ARRL Chief Executive Officer David Sumner, K1ZZ. "As to what the outcome will be as far as 5 MHz is concerned, we cannot predict."

In a December 24 letter, Sumner thanked the 15 Amateur Radio clubs and individual amateurs who took part in the 5-MHz experimental operation that began in January 1999 and largely concluded in 2002. "You assisted in providing an important part of the groundwork for our petition for a domestic allocation to the Amateur Radio Service in this frequency range by demonstrating the desirability and feasibility of a shared allocation," he wrote. "We hope it will not be long before amateurs throughout the country are able to enjoy the fruits of your efforts."

Sumner said the ARRL chose not to request another renewal of the WA2XSY license because it already had obtained sufficient information to justify its petition for the band.

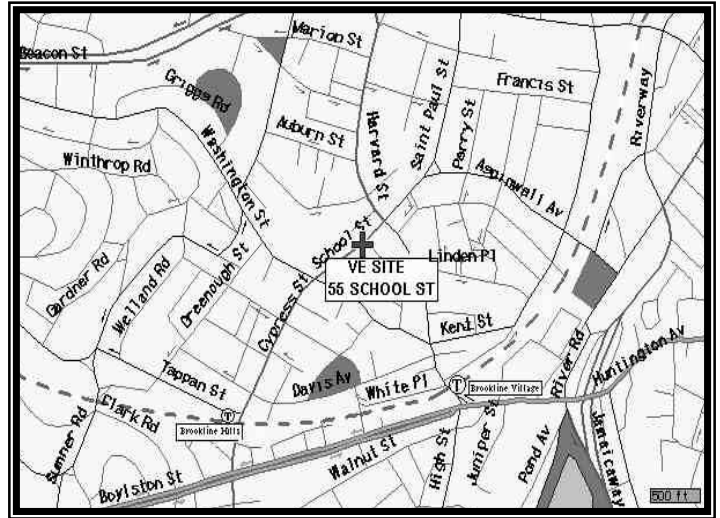
Until surprise opposition surfaced last fall from the NTIA, the FCC had the League's request for a new 60-meter band on the proverbial fast track. In a letter filed with the FCC last August--after the comment deadline had passed--the NTIA recommended that the Commission not go forward with the 5-MHz proposal. The NTIA said several government agencies with allocations in the proposed spectrum had expressed reservations about allowing amateurs to use the band, even on a non-interference basis.

The ARRL has been working with the federal agencies involved to resolve the impasse the NTIA letter raised. The NTIA said critical federal agencies, including the Department of Justice, the US Coast Guard and the Department of Defense, were making extensive use of 5 MHz frequencies. The FCC's May 2002 Notice of Proposed Rule Making (NPRM) fails to adequately protect these "critical government operations" from harmful interference, the NTIA asserted.

The ARRL has called the 5 MHz allocation "an urgent priority of the Amateur Service." In its July 2001 petition, the League told the FCC that a new band at 5 MHz would aid emergency communication activities by filling a "propagation gap" between 80 and 40 meters.



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
Vol Exams	Mike Ardai, N1IST	781.321.7939	n1ist@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	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)	145.230 (PL 88.5)
daily 8pm	Slow Speed CW Net	28.160
daily 10:30pm	Heavy Hitters Traffic Net (NTS)	146.640
Mon 9pm	BARC Club Net	145.230 (PL 88.5)
Tue 8pm	MMRA Club Net	146.610 and all MMRA links
Tue 9pm	EMA Public Safety Net	145.230 (PL 88.5)
Tue 9pm	NETARC Satellite Net W1ME, NCS	446.575 (PL 88.5)
Wed 8pm	Wellesley Amateur Radio Society Net	147.030
Wed 9pm	HHTN Swap Net	146.640
Thu 8:30pm	Amsat Net N1OHJ, NCS	146.640
Fri 9pm	SWAT Net and Net Control 101	145.230 (PL 88.5)
Sun 9:30am	Yankee SSB Net (6M)	50.275
Sun 7pm	Youth Net	146.610 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 Newsline)	145.470
4th Sundays 9:30pm	EMA Section ARES Net	146.610 and all MMRA links

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

Simplex: 147.42