

The SPARC

Volume XII, Number 3; March 2000 Newsletter of the Boston Amateur Radio Club http://www.barc.org/barc



Our President Speaks

Ed Hennessy N1PBA

It's March now, and several things are coming up over the next few months. First, the flea market and public service event season is coming. Please check out the BARC Net and the SPARC over the next weeks and months for details on those. The Marathon, of course, is the largest event, and if you've signed up already, you'll be getting details by US Mail soon.

Perhaps more important than these events is the club's future. At least three of the club officers will **not** be running again for election in June. This includes yours truly. We have enjoyed our tenure, but burnout makes for unhappy people. Therefore, we need to nominate a new slate of officers. Per the club bylaws, the president appoints a nominating committee at the April business meeting, the committee presents the slate at the May business meeting, and elections are held at the June meeting. If you enjoy the club, or have ideas on how to improve it, please consider running for office.

Another event the club has traditionally participated in is Field Day. We are still in need of a chair to coordinate the planning. Mike, N1IST, a veteran of many BARC Field Days, has prior commitments this summer, and cannot do anything for Field Day. If we expect to let Mike do it all, we'll be disappointed. If no one steps forward, we will be forced to cancel it this year. If that sounds unacceptable to you, consider acting as one (yes, there can be more than one) of the organizers for Field Day 2000.

On a happier note, there are a few ideas for field trips and tours being scouted, and we hope to have some good news on those soon. The fox box is almost ready to go, and we should be able to have some hunts this summer. Before then, I plan to have another Foxhunting 101 after a BARC monthly breakfast, just to acquaint people who might not have fox hunted before.

By the way, if you want to get a license/take an exam before the rule change on April 15, BARC's April VE session will be on April 10. Also, there will be a paperwork VE session for upgrades that will be allowed following the changes. This will take place at the BARC April General Meeting, and details on that are elsewhere in this newsletter.

As winter winds down, I wish you all a pleasant spring. 73. See you all at the General Meeting. Ed, N1PBA

Search and Rescue Training

The Braintree Emergency Management Agency will offer training in Search and Rescue. The class will be held on Saturday, 18 March from 1200 to 1600 at the Braintree Town Hall. Talk-in is on 147.300 MHz (Weymouth) and 442.500 MHz (Braintree).

Search Dogs Northeast will have a presentation on Search and Rescue. Weather permitting there will be some outdoor demonstrations and exercises. EMT Credit has been applied for.

There is no requirement to preregister. Monitor the repeaters in case the class is cancelled due to weather conditions or emergency operations. For more information, contact:

Rick Reuss, KA1LKB Deputy Director, Braintree EMA 781.794.8188 (office)

The 2000 Boston Marathon

By Bob Salow, WA1IDA

The year is 2000, and therefore the field of authorized runners has been increased by 50 percent to 20,000. More services, more support - that's where we come in. All the ham registrations are in, and the briefing schedule has gone out.

This year, all hams that volunteered for the Boston Marathon Course are required to attend one of the six briefing sessions being held from mid-March to early April. The locations and times are spread for convenience.

We are among the more than 7000 volunteers it takes to protect the health and safety of the runners and spectators. Public service minded hams from all six New England states and New York will be here to serve and have a great time.

See you at a briefing.

Bring Ham Radio to 3000 Kids and Teachers

Once again, BARC will present the service and hobby of ham radio to over 3000 students from Greater Boston. They and their teachers will attend the Aviation Expo on 11 April, filling a hangar at Logan International Airport. The Expo gives the

students a chance to experience the choices and preparation for careers in aviation, communications and technology. It is sponsored by the Federal Aviation Administration (FAA), the Massachusetts Pre-Engineering Program (MassPEP) and MassPort.

BARC uses a double-size booth at which we demonstrate and explain several facets of ham radio. We have the opportunity to meet with the teachers and their students who range in age from 8 to 18. In past years we have found a significant interest in ham radio not only as a hobby, but also as career preparation and as a teaching tool.

Your help is needed to set up and staff this presentation. Our support runs from 0730 to 1230 on Tuesday, 11 April, and is followed by a lunch. Please contact Bob Salow, WA1IDA, at **wa1ida@arrl.net** or 508.650.9440 if you can assist.

Technician Amateur Radio License Class

Michael S. Koenemund, KB1CKF

The Boston Amateur Radio Club and the Salvation Army Team Emergency Radio Network are sponsoring a Technician license class at The Salvation Army State Headquarters 147 Berkeley Street, Boston. Parking is available off of Columbus Avenue opposite the Fire Station and this location is T accessible (Orange and Green Lines). The Class will run from March 6-27, 2000 Mondays and Wednesdays 1830hrs-2100hrs. We will be using the book Now You're Talking available at you local Radio Shack or it will be available the first night of class.

Call Mike, KB1CKF at 617-338-4155 x513 or E-mail at satern@qsl.net or Packet kb1ckf@ka1tuz.fn42jh.ma.usa.na to register for the class. Tell your friends

It's Time to Renew

The BARC membership year runs with the calendar year. That's why most of you will find a renewal membership form enclosed with this issue of *The SPARC*. We know it's a trying time of year (trying, that is, to get rid of the 1000 pounds of turnips you socked away for Y2K), but think of the Treasurer and his volunteer staff who need to keep the books up to date. You can help by renewing your membership promptly in the best club around. The membership form has all the information you need to act quickly. Please fill it out completely and legibly. Make an effort to determine your full 9-digit ZIP Code – it can save us money.

To avoid consternation and embarrassment, we are trying to send the form only to those who have not renewed. If your renewal has been entered by the newsletter mailing date, you should not get another form. Please understand that there are delays in processing, so there may be an apparent error. You can use extra forms to sign up a new member.

ARRL Membership and Renewal

If your ARRL membership is coming up for renewal, please do so through BARC. Your ARRL membership dues remain the same, but the club gets a small income from your renewal. If you are joining the ARRL for the first time, sign up through BARC. In either case, **make your check out to BARC** and give it and the ARRL membership form to the BARC Treasurer. He will handle the rest, and you will get all the benefits of being a member of ARRL, The National Organization for Amateur Radio.

Club Officers Needed

BARC will elect our club officers, President, Vice President, Secretary and Treasurer, at the June 2000 meeting. It is not too early to think about running for office, or persuading others to run. We don't have officers for life here, so you have the opportunity to put your ideas for running the club into practice. Responsibility and fame (if not fortune) are there for the willing! Think about it.

BARC Looking for Field Day Coordinator

Every fourth full weekend in June, Amateur Radio operators in the United States and Canada hold Field Day. This is a combination emergency communications exercise, publicity event, contest and social event in which we set up our stations "in the field" under less than optimal conditions, and try to communicate as best we can.

BARC always has a good Field Day; we set up several tents at Larz Anderson Park in Brookline and operate the entire time. We need a volunteer to be our Field Day Coordinator for 2000. This, as the name implies, involves coordinating the activities of the other BARC Field Day volunteers in the weeks leading up to Field Day and at the event itself. If this sounds like fun to you, please step up and contact Mike Ardai N1IST. You won't be doing all the Field Day work yourself, but someone has to see that we're all on the same page.

EMA Section Net Reactivated by ARES

William Ricker, N1VUX, ARES EMA EC/Planning-Training

The Eastern Mass Section, ARRL, ARES is re-activating the once-a-month section net as an ARES net. The net is on the Minute Man Repeater Association linked system on the 4th Sunday of each month, at 9:30 pm. The "dry run" was on February 27; the first full net will be on March 26.

The purpose of this net is to:

- 1) Introduce people to ARES (Amateur Radio Emergency Service)
- 2) Provide practice to ARES members
- 3) Validate different communications paths for use in times of emergency.

During emergencies, this net (on portions or whole of the linked system) may be called as a section ARES Liaison Net, with deference to prior allocation of repeaters to specific functions.

The ARES Section Net is open to MMRA members, ARES members, and all hams interested in emergency communications. The net will handle EMERGENCY or PRIORITY traffic, bulletins, announcements, and, occasionally, training material.

The MMRA will be in maximally linked mode from 9 to 11 PM, but the net will occur between 9:30 and 10:30. Since this is a linked repeater system, you must pause with the mike keyed for a second before beginning speaking -- each time you key -- to allow the links to sync up.

The Marlboro 146.61- is the central node of the net. Other nodes on 4 bands are listed below. Typically the 6m & 2m nodes are unlinked and the 70cm and 1.25m nodes are linked. During net, all nodes will be linked if possible.

MMRA Linked Repeater System

Location Band		Output	Input	Offset	CTCSS/In
CTCSS/Out Marlboro 6m		52 01	1	MII-	71.0
Mariboro	71.9	53.81	-1	MHz	71.9
	2m	146.61	-600	kHz	None
	146.2				
	1.25m	223.94	-1.6	MHz	103.5
	103.5				
	70cm	449.925	-5	MHz	88.5
	88.5				
Weston	2m	146.82	-600	kHz	None
	146.2				
	1.25m	224.7	-1.6	MHz	None
	None				
Stoneham*2m		146.715	-600	kHz	None
	146.2				
	70cm	446.725	-5	MHz	88.5
	None				
Quincy	2m	146.67	-600	kHz	None
	146.2				
	1.25m	224.4	-1.6	MHz	103.5
	103.5				

QNC de Mike Ardai, N1IST

I have a bunch of items that I want to cover, and I think one rambling article will work better than many little ones...

The April general meeting will be on April 27th (one week late) to avoid the holidays.

We will hold a special VE session at the April general meeting. This will be a paperwork-only session so people who have passed elements that qualify them for an upgrade after 4/15 can do so. We won't give actual exams, but will process CSCEs and 605s.

This call goes out to all BARC ARRL VEs - please send me (n1ist@arrl.net) your email address and phone number so I have some idea who to call on for VE sessions where the regulars can't make it. If you can help with the April special session, please let me know.

We need someone to coordinate Field Day this year. I probably won't be able to help out this year. Without help, Field Day will not happen. If you can help, drop me a line.

BARC elections are coming up in June. We will have openings in many of the club offices - if you are interested in running for office, please contact an officer.

Once it gets warmer, we will be starting up the BARC field trips and events - if you can help organize a tour or visit, stop in at the Business meeting and let us know.

This is a club with 150+ members. Why does it seem like a dozen of us are doing all the work? The business meeting (first Thursday of the month) is open to everyone and is where we do all the planning and behind-the-scenes work of running the club.

I guess that'll do it for now.

73, /mike

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which is March 12 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!

Database Help Needed

With the growth of the club, the BARC membership database needs a major overhaul. If you are experienced in structuring and creating in Microsoft Access, please contact Bob Salow, WA1IDA. Phone: 508.650.9440, or email: walida@arrl.net.

March General Meeting

This month's general meeting will be held at the Boston Back Bay Salvation Army Building, at 7:30 PM, Thursday March 16, 2000. Our March speaker is Caileen Fitzgerald, Program Coordinator for the Massachusetts Crime Watch Commission. She will be speaking on the Crime Busters program and how hams can get involved (and how our organizations can help each other).

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.

Future General Meeting Dates

(Third Thursdays at 7:30 p.m.)

27 April 2000 (not 20 April)

18 May 2000

15 June 2000

20 July 2000

17 August 2000

21 September 2000

Useful Places on the ARRL Web

The ARRL Regulatory Information Branch (RIB) just put up a new RFI package at:

http://www.arrl.org/field/regulations/rfi-legal/

Information on FCC's license restructuring, along with options for upgrading can be found at:

http://www.arrl.org/news/restructuring/

The new license question pools for use on or after 15 April are located here:

http://www.arrl.org/arrlvec/pools.html

Watch the ARRL web site and the *ARRL Letter* for information on the new certification program.

Make sure to check out the "What's New" section every time you visit the ARRL web site to catch the most recently added items: http://www.arrl.org/whatsnew/

Thanks to Tom Frenaye, K1KI, ARRL New England Division Director k1ki@arrl.org

Minutes of the Boston Amateur Radio Club Business Meeting

March 2, 2000

Recorded by Michael Ardai, N1IST, BARC Secretary

Present were:

Mike Ardai, N1IST, Secretary

Arthur Ashley, N1NHZ, Membership Services, ERT leader

Paul Carter, N1TMF, SPARC Editor

Jim Clogher, N1ICN, Treasurer

Dick Doherty, KA1TUZ, Vice President

Mark Duff, KB1EKN

Ed Hennessy, N1PBA, President

Mike Kass, N1YER, Executive Committee

Dan Malloy, KA1RDX

Paul Olivieri, N1ZKR

Bill Ricker, N1VUX

Bob Salow, WA1IDA, Public Service

The meeting was called to order at approximately 1845

Thanks to everyone who has already renewed and to those who have added a donation to their renewal.

People who haven't renewed by the March business meeting will get a renewal letter instead of the SPARC.

We are all set for speakers for March (Mass. Crime Watch Commission) and April (Using microcomputers in your next project).

We worked out advertising rates for the SPARC.

The Emergency Operating Guide (2nd draft) was reviewed - Thanks to Mark for writing it.

N1VUX is looking for a site to hold a Skywarn workshop in the Reading/ Woburn/Lexington area - contact him if you have any ideas.

We need to figure out what our plans are for Field Day next year should we do it, how seriously, who can coordinate it... Come to the next business meeting if you are interested. Note that I (N1IST) most likely won't be able to help out much this year.

The Aviation Expo will be a month earlier this year - on April 11th. The MS walk will be on April 9th.

Several club officers will not be running for reelection next year. We need to start finding people interested in running for office.

We tossed out some ideas for BARC field trips and tours. If you can help organize one, please come to the next business meeting.

The meeting was adjourned at approximately 2056.

The Boston Amateur Radio Club holds its monthly Business meeting on the first Thursday of each month. The next one will be

on Thursday, April 6 in the food court of the Cambridgeside Galleria Mall in Cambridge. We meet at 6:30pm in the lower level, down by the windows facing the lagoon.

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 Monday at 6:30 p.m.)

6 April 2000

4 May 2000

1 June 2000

6 July 2000

3 August 2000

7 September 2000

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 long lost members who rejoin, so greet them, too.

Julio Roque, KB1EPK New license

In addition, we would like to note here any call sign changes you have made, and honor all members who upgrade. 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.

Upgrades 'R' Us

Without going into details, which are covered elsewhere, the FCC restructuring is likely to result in license upgrades for some of us. If you are one of the lucky (clever?) ones, please keep our database up to date. *Regardless of whether you change call sign*, an upgrade is an upgrade. Please notify the Keeper of the Database, Bob Salow, WA1IDA.

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 13 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 (Novice 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)
- \$6.65 (good for all the tests you take at that session, except for retests). Novice exams are free.

The needed FCC forms will be provided.

For further information, contact Bob Wondolowski N1KDA (508) 865 5822 wondobob@juno.com

Future Exam Dates

(Second Mondays at 7:00 pm)

10 April 2000 8 May 2000 12 June 2000 10 July 2000 14 August 2000 11 September 2000

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.

Interstate Rptr Soc (Londonderry NH)

I See the Future

11 Mar

12 Mar	BARC Breakfast		
12 Mar	Mt. Tom ARA Flea (Westfield)		
16 Mar	BARC General Meeting		
18 Mar	Quonapowit RA Auction (Reading)		
26 Mar	Framingham ARA Flea		
6 Apr	BARC Business Meeting		
9 Apr	Multiple Sclerosis Walk (Rp)		
11 Apr	Aviation Expo		
16 Apr	MIT Flea		
17 Apr	Boston Marathon (Rp)		
29 Apr	Antique RC (Nashua NH)		
12-13 May	Hoss Traders Flea (Rochester NH)		
19-21 May	Hamvention and ARRL National Convention		
	(Dayton OH)		
20 May	RIFMRS Flea+Auc (Forestdale RI)		
21 May	MIT Flea		
4 Jun	NARL Flea (Newington CT)		
10 Jun	Falmouth ARA Flea (E Falmouth)		
18 Jun	MIT Flea		
24-25 Jun	Field Day		
26-27 Aug	ARRL NE Div Conv (Boxboro)		

 (\mathbf{Rp}) = Repeater 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.

Catch us on the Internet!

The Boston Amateur Radio Club has a web page at **http://www.barc.org/barc**. 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 **n1ist@netcom.com**.

New on our web page are the club articles: http://www.barc.org/barc/articles.html

and bylaws:

http://www.barc.org/barc/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. Cheyenne Greatorex, n1qzs@magrathea.com, maintains the FTP site. Contact him if you have any comments.

We also run a club e-mail list. To subscribe, send a message to **majordomo@majordomo.netcom.com** with the body (the subject is ignored)

subscribe barc-list

73. /mike

n1ist@netcom.com

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.

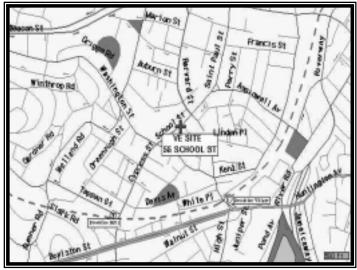
Members are urged to seek prospective advertisers who are appropriate to our readers.

For additional information, contact Paul Carter at **n1tmf@pvctronics.com** or 617.232.6982; or Bob Salow at **wa1ida@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: Ed Hennessy, N1PBA; 781.391.8257; n1pba@qsl.net; N1PBA@KA1TUZ Vice President: Dick Doherty; KA1TUZ 617.969.4880; ka1tuz@gis.net; KA1TUZ@KA1TUZ 617.738.8652; n1ist@netcom.com; N1IST@K1UGM 617.364.4658; n1icn@gis.net; N1ICN@KA1TUZ

Vol Exams: Bob Wondolowski, N1KDA; 508.865.5822, wondobob@juno.com
Membership: Arthur Ashley, N1NHZ; 617.661.2988, arthura@ix.netcom.com
Patricia Allen, KE1GD; barcmember@aol.com; KE1GD@K1UGM

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.

The SPARC is published monthly by the Boston Amateur Radio Club. The design and content are Copyright 2000, 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. Such permission is limited to use for noncommercial 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) 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 Heavy Hitters' Traffic Net (NTS) daily 10:30pm 146.64 M 9pm BARC Club Net 145.23 (PL 88.5) 146.61 and all MMRA links Tu 8pm MMRA Club Net Tu 9pm **EMA Public Safety Net** 145.23 (PL 88.5) Tu 9pm NETARC Satellite Net W1ME (ex K1MON)/NCS 446.575 (PL 88.5) W 8pm Wellesley Amateur Radio Society Net 147.03 W 9pm **HHTN Swap Net** 146.64 Th 8:30pm Amsat Net N1OHJ/NCS 146.64 F 9pm SATERN Net 145.23 (PL 88.5) Su 9:30am Yankee SSB Net (6M) 50.275 Su 3:30pm Youth Net 3.970 Su 7pm Algonquin Amateur Radio Club Net 53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5) Su 8:30pm NSRA Net (with Newsline) 145.47 Su 9:30pm **EMA Section ARES Net** 146.61 and all MMRA links (4th Sun. of Month)