

The SPARC

Volume XIII, Number 9; September 2001 Newsletter of the Boston Amateur Radio Club http://www.barc.org/barc w1bos@arrl.net



Another New World-Class Event

Bob Salow WA1IDA

We have been asked by the Boston Athletic Association (BAA) to support communications for a new race to be held in Boston. To maintain interest in fall events, they have devised a *Half-Marathon*. The 13.1-mile course will be run along the "Emerald Necklace," entirely within Boston and Brookline. The announcement has generated so much interest around the world that the entry limit of 3500 was quickly filled.

World-class races attract the best, so it is sure to get a lot of public notice. Your help is needed on **Sunday, 14 October**. Best estimates are that we should be active from mid-morning to early afternoon. The entire course will be within easy reach of local repeaters. Your hand-held 2-meter and 70-centimeter radio will do just fine. A day's worth of battery power will do the trick. Keep your batteries dry.

More details will be published as they become available, but you can always contact Bob Salow, WA1IDA, if you have any questions. If you can, please volunteer as soon as possible.

Contact Bob at walida@arrl.net or 508.650.9440.

Triathlon a Huge Success

Bob Salow WA1IDA

On Sunday, 2 September, in the middle of the Labor Day weekend, 15 hams got up and went to work at 0530. We were ready for the first world-class triathlon ever held in Boston. Sponsored by Monster.com and for the benefit of the AIDS Action Committee, we supported the swim-bike-run event by observing the numerous hazardous areas and general station reporting.

The first swimmer went into the Boston harbor water shortly after 0700, and the entire event was over by 1100, leaving us the rest of the weekend to enjoy. We used the BARC VHF and UHF repeaters to good effect.

Helping were:

Jelena	KB1FMS
Arthur	N1NHZ
Mike	KB1EZL
Rick	NG1L
Mark	KB1EKN

K1NUN Eric Spencer N1JWB Miro KB1FMP Frank N1DHW Paul N1ZKR Bob WA1IDA Yonah KB1CTI Ishmael WA1VRB Thaddeus KB1FPJ Brian VE3ITB

BARC Business Meetings now in Everett

Starting in September, the BARC Business Meetings will be held in the basement of the Parlin Memorial Library in Everett. This is a welcome change from the food court at the Cambridgeside Galleria, which is far too noisy.

The Parlin Memorial Library is at 410 Broadway St. (Rt. 99) in Everett, across the street from the old post office. There is free parking on the street, parking meters are turned off after 6 p.m. There is also parking in the lot of the old post office across the street.

By public transportation, take the Orange Line to Wellington Station and take bus 110, getting off at Everett Square. Alternatively, take the Orange Line to Sullivan Square and take either bus 104 or 109, getting off at Sullivan Square.

Meetings will now start at 7 p.m. rather than 6:30 p.m. and *must* end by 8:45 p.m. There are many places to eat nearby.

Our thanks to Dick Doherty KA1TUZ and Joe Scully Jr. K1SQT for their efforts in bringing this happen.

MEMA Public Safety Fair

Bob Salow WA1IDA

The Massachusetts Emergency Management Agency (MEMA) will sponsor its 11th annual Public Safety Fair on Saturday, 22 September at the Barnes Air National Guard Base in Westfield MA. The Fair will be open from 0900 to 1500.

The entertainment and information for the whole family will include:

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- Search and Rescue Demonstrations
- Skydiver & Helicopter Demonstrations
- K-9 Dog Units
- Hazmat Teams
- Child Safety Fingerprinting
- Police, Fire, Emergency Vehicles
- Public Safety Displays
- Food, Fun and Lots of Surprises

The RACES/ARES/SKYWARN exhibit has been assigned the special event call sign **W1M**.

Admission and parking are both free.

RF Safety Rules Now in Force for All Amateurs

Excerpted from ARRL Letter, 1 September 2000

Starting Friday, 1 September, every US amateur is now required to fully comply with the FCC's RF exposure guidelines.

The regulations, which went into effect 1 January 1998, require US Amateur Radio operators to read and understand the rules and, where necessary, perform technical evaluations to determine that their stations are compliant with the new regulations. Up until now, only hams who have had to file an Amateur Radio application with the FCC have had to certify compliance with the RF exposure rules. As of 1 September, all amateurs must comply.

Under the regulations, an amateur station must not exceed the maximum permissible exposure (MPE) limits for transmitter operation. MPEs are both frequency and power-dependent.

"These regulations are not a major burden on the Amateur Radio Service," said ARRL Lab Supervisor Ed Hare, W1RFI, the League's point man on RF exposure issues. "Most hams are already in compliance with the MPE requirements; some hams will need to conduct a simple station evaluation."

By and large, the FCC has put hams on the honor system, but compliance with the RF exposure rules is not optional.

A complete description of the rules is available on the ARRL Web site at http://www.arrl.org/news/rfsafety/ The site also contains resources to make your station evaluation quite painless.

Address questions about RF safety and the FCC exposure guidelines to ARRL Lab Supervisor Ed Hare, W1RFI, ehare@arrl.org.

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 your

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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.

BARC Monthly Breakfast

Every month, BARC has a social breakfast on the second Sunday of the month, which will be October 14 next 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!

Ride Needed To Meetings

N1KWQ is looking for a ride to BARC meetings either from his QTH on Lynn or from North Station. If you can help, please contact him at 781 614 0647 and leave your number on his voice mail.

August General Meeting

This month's BARC General meeting is on Thursday, September 20 at 7p.m. The speaker for September is Mike Neilsen/W1MPN who is the Eastern Mass. Section Emergency Coordinator. He will be speaking about the upcoming Section Emergency Drill, A.R.E.S., and his position as the S.E.C.

BARC General meetings are held at the Boston Back Bay Salvation Army Building, corner of Berkeley St. and Columbus Ave. near Copley Square, in the second floor auditorium.

Parking is available; the entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). It is also T accessible; the nearest T stations are Back Bay on the Orange and Purple lines (exit the rear of the station by the busway and walk down Columbus) and Copley or Arlington on the Green line (use the Berkeley Street exit). A map appears on page 7 of the newsletter.

People arriving after 7:15 p.m. need to ring the bell at the door to be admitted, as the door is locked then.

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Future General Meeting Dates

(Third Thursdays at 7 p.m.)

18 October 2001

15 November 2001

20 December 2001 (Holiday Party)

17 January 2002

21 February 2002

21 March 2002

Boston Amateur Radio Club Business Meeting

6 September 2001.

Recorded by Guy Bzibziak, KB1CRY, BARC Secretary

Present Were:

Mike Ardai, N1IST, Vice-President Arthur Ashley, N1NHZ, Membership Services, ERT Leader Henry Buccigross, K1QK Guy Bzibziak, KB1CRY, Secretary

Bob Cassell, N1ENS

Jim Clogher, N1ICN, Treasurer

Mike Coffey, KB1EZL

Rick DeSisto, NG1L

Dick Doherty, KA1TUZ

Mark Duff, KB1EKN, President

Ed Hennessy, N1PBA

Mike Kass, N1YER

Dan Malloy, KA1RDZ

Frank Murphy, N1DHW

Bob Salow, WA1IDA, Public Service

Joseph W. Scully, K1SQT

Phil Temple, K9HI

The meeting was called to order at approximately 1905hrs.

There is still a need for more volunteers to staff (and drive) the Salvation Army canteen truck. People interested are encouraged to contact Dick Doherty, KA1TUZ.

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

The bulk of the meeting covered the club's ongoing concerns with its participation in several scheduled public service events.

The meeting adjourned at 2035hrs.

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.

The next Boston Amateur Radio Club business meeting will be held Thursday, 4 October 2001 (1st Thursday of the month),

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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.

Future Business Meeting Dates

(First Thursday at 6:30 p.m.)

1 November 2001

6 December 2001

3 January 2002

7 February 2002

7 March 2002

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.

Rick DeSisto N1IWE now NG1L

Mike Harmon KB1FXE upgrade to Extra - now KB1FX

Neil Hurst

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@mediaone.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, October 1, 2001 at the Pierce School at 50 School Street in Brookline, Room 110 next to the cafeteria. **The date has been changed from October 8 due to the holiday.**

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:

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- 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@arrl.net

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or

Dick Doherty, KA1TUZ 617.969.4880

ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

5 November 2001 (rescheduled for holiday)

10 December 2001

14 January 2002

11 February 2002

11 March 2002

I See the Future

15 Sept RIFMRS Flea (Forestdale RI)

16 Sept MIT Flea

20 Sept BARC General Meeting

22 Sept MEMA Public Safety Fair (Westfield) 30 Sept Jimmy Fund Marathon Walk (**Rp**)

4 Oct BARC Business Meeting

5-6 Oct Hoss Traders Flea (Contoocook NH)

8 Oct BARC VE Exam Session 14 Oct BAA Half-Marathon (**Rp**)

18 Oct BARC General Meeting 21 Oct MIT Flea (last of 2001)

27 Oct Antique RC Flea (Nashua NH)

2 Nov Hamden Cty RC Auction (Feeding Hills)

4 Nov Framingham ARA Flea

17 Nov 1200 RC & WARA Auction (Newton)

 $(\mathbf{Rp}) = BARC \text{ repeater}(s) \text{ may be used}$

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

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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.

FCC Action For Rapid Info Access

The Federal Communications Commission (FCC) has assigned easy to use and easy to remember three-digit dialing codes for quick access to community information and referral services (211), and traffic and transportation information (511). Once these codes are activated by the carriers they can be dialed instead of the seven or ten-digits currently required to reach these services.

There are only eight possible three-digit codes, making them among the scarcest of telephone numbering resources. To ensure the efficient use of these codes, the Commission has established a "public interest" standard for assignment of such codes.

With this action, the Commission has assigned the 211 dialing code for use by community information and referral service organizations. The easy to remember 211 dialing code will provide direct access to organizations providing community information and referral services, such as child care solutions, housing assistance, maintaining utilities, legal assistance, counseling, and hospice services, that are not currently available through the 911 emergency code or the 311 police non-emergency code.

The Commission has also assigned the 511 dialing code for use by state and local governments in their efforts to improve local traffic and transportation conditions. The US Department of Transportation expects that the widespread use of the 511 dialing code will lead to reduced congestion and pollution on our nation's roads, lower fuel consumption, provide superior traffic management, enhance roadway safety, and enable the public to make wise travel decisions.

The Commission also concluded that because such codes are a scarce resource, it would examine and reassess these assignments in five years. If their use is not widespread, the Commission may consider expanding the use of these codes for other purposes.

More information about 211, including national and state contacts, press coverage, a press release, and a map showing 211 progress throughout the US can be found on the 211 web site: http://www.211.org. It also gives information on the first city (Atlanta) and first state (Connecticut) to establish the 211 phone number. Additional information can be found on this from the Alliance on Information Referral Systems at http://www.airs.org/

Among abbreviated dialing arrangements, "N11" codes are three-digit codes of which the first digit can be any digit other than 1 or 0, and the last two digits are both one. There are only eight possible N11 codes, making N11 codes among the scarcest of

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numbering resources. Following are the existing N11 code assignments:

211: Assigned for community information and referral services

311: Assigned nationwide for non-emergency police and other government services

411: Unassigned, but used virtually nationwide by carriers for directory assistance

511: Assigned for traffic and transportation information

611: Unassigned, but used broadly by carriers for repair service

711: Assigned nationwide for access to Telecom Relay Services

811: Unassigned, but used by local exchanged carriers for business office use

911: Unassigned, but used nationwide for emergency services

N11 codes "011" and "111" are unavailable because "0" and "1" are used for switching and routing purposes.

The information for this article has been obtained from the FCC, FEMA, the 211 Coalition, and the United Way of America.

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.

BARC Runs Friday Night Nets

The Boston Amateur Radio Club runs special interest nets every Friday evening at 9p.m. on the 145.23 machine. The net will switch to a new format in October. Each Friday of the month, the net will be devoted to a specific activity/interest.

1st Friday - SATERN (Salvation Army Team Emergency Response Net);

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2nd Friday - Weather Net;

3rd Friday - ARES net;

4th Friday - Tech Net;

5th Friday - All or some of the above.

All BARC members and other members of the Boston area Amateur Radio community are welcome to check in and participate.

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.

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 nlist@arrl.net.

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@qth.net** with the body (the subject is ignored)

subscribe barc-list

The welcome message will list the other lists that we have over at Netcom. (Yes, I know it isn't on the radio. It is, however, an additional resource for getting in touch with other hams around the world...)

73, /mike

n1ist@arrl.net

New FCC System Yields Fast License Grants

Extracted from ARRL Bulletin B051

The FCC's new system to handle batch filed amateur applications from Volunteer Examiner Coordinators (VECs) has cut processing time from hours to minutes. The FCC inaugurated the more rapid amateur license application processing system December 28.

Except for a two-hour window right after midnight each day, the speedy new system looks for VEC submissions each hour on the half hour. With FCC license grant processing now measured in terms of hours instead of days, the major factor now determining the time from exam to license grant is how quickly VE teams get their test results to their VECs.

The FCC has been estimating a processing window of up to 90 minutes, depending on volume and arrival time. License grant results should be available immediately on the Universal Licensing System Web site, http://www.fcc.gov/wtb/uls, using the license search option. Once a grant is in the FCC database, the licensee has operating privileges.

Applications processed by the FCC one day will appear in the public update ("zip") files the following morning. Public call sign servers on the Internet should be able to update within 24 hours after FCC action - rather than the 48 hours that's now typical.

On-line filings from individuals, weekend filings and FCC-manually processed applications filed to Gettysburg will continue to be handled as they are now. These are batched for midnight processing, and weekend filings will not queue up until Monday midnight.

International Space Station is Aloft With Hams

Tentative operating frequencies are: Worldwide downlink for voice and packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1 (Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49 MHz. Crew members may use their personal call signs or one of the "club station" call signs issued for ISS use--NA1SS, RZ3DZR, or DL0ISS.

The Keplerian elements bulletin from ARRL now includes data for the International Space Station.

Expedition 1 is scheduled to leave the station next February, when the three-member Expedition 2 crew arrives on STS-102. When it's completed in 2006, the ISS will be one of the brightest objects in the night sky and be as roomy as a jumbo jet.

For ARISS information and updates, visit the ARISS Web site, http://ariss.gsfc.nasa.gov/.

-- ARRL Letter, 3 Nov 2000

See The International Space Station With Your Own Eyes

By Steven Siceloff, in *Florida Today*, via Roy Neal, K6DUE and AMSAT

Want to have a nighttime look at the orbiting International Space Station, where US astronauts and Russian cosmonauts will live and work during the next few years?

Simply log onto the Internet, type in your zip code, and the computer will tell you when the station will pass over your home.

For ISS's current location go to:

http://liftoff.msfc.nasa.gov/temp/stationloc.html

To have visible pass predictions e-mailed to you, go to: http://liftoff.msfc.nasa.gov/realtime/jpass/passgenerator/subscribe/step1.asp

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) \$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.

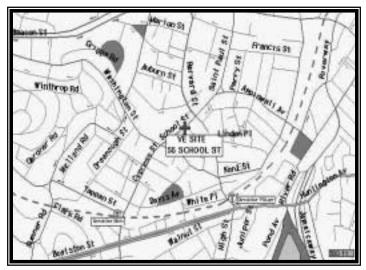
Members are urged to seek prospective advertisers who are appropriate to our readers.

For additional information, contact Paul Carter at **n1tmf@pvctronics.com** or 617.232.6982; or Bob Salow at **wa1ida@mediaone.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

Simplex: 147.42

BARC Officers and Staff

President: Mark Duff, KB1EKN 781.749.7664; emgmgt@mediaone.net

Vice President: Mike Ardai;
Secretary: Guy Bzibziak, KB1CRY;
Treasurer: Jim Clogher, N1ICN,
Vol Exams: Mike Ardai;
Dick Doherty; KA1TUZ
Membership: Arthur Ashley, N1NHZ;
Other Archard State of Secretary State of Secretary

Public Service: Bob Salow, WA1IDA; 508.650.9440; wa1ida@mediaone.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 Eastern Mass 2M Traffic Net (NTS) 145.23 (PL 88.5) daily 8pm 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 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 A mateur Radio Society Net 147.03

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 SWAT (SATERN, Weather, ARES &Tech) 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)

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