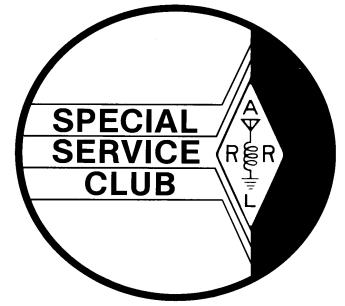




# The SPARC

Volume XIII, Number 12; December 2001  
Newsletter of the Boston Amateur Radio Club  
<http://www.barc.org/barc>  
w1bos@arrl.net



## A Message from the President

Mark Duff KB1EKN

The year 2001 will be one we will never forget. It has reaffirmed our values and faith in our country and in our hobby. Ham radio has never been stronger or more necessary. As we move into next year, we cannot let our guard down. All of us must be ready at a moment's notice to provide communications support as needed. The East Coast, Washington DC, New York and New England have been significantly impacted by the acts of the terrorists. Amateur radio operators need to be more vigilant than ever.

Thanks to Frank Murphy/N1DHW and several other BARC members, the CEMARC [Counsel of Eastern Mass Amateur Radio Clubs] meeting was a big success. Ten clubs were represented and a second meeting is planned for early next year. I think the CEMARC group is well on its way to reestablishing itself, which should benefit all of the Eastern Mass Clubs.

Field Day 2002 planning has begun. Vice President Mike Ardai/N1IST has volunteered to be Field Day Chair. Paul Olivieri/N1ZKR and Leo Burke/KA1LN have volunteered to serve as Mike's assistants. Recent Field Days have been very successful. I am sure Field Day 2002 will be no exception. I am requesting that special attention be given to ARES and emergency communications.

Net Control Operators [or lack of them] continue to be a problem. Recently, several Nets have not taken place due to the lack of a Net Control Operator. If you have tuned in expecting a net and no one is covering the position, feel free to jump in. If you need training in net control operations, please contact Arthur Ashley/N1NHZ. We are planning a "On the Air" Net Control Class early next year. Also in the planning stages is a No-Code Tech Class in February. Interest has also been expressed in a code class. If you are interested in teaching any of these subjects, please contact any club officer.

Our new business meeting location in Everett has proven to be a positive step overall. We have been well received by the Staff at the Library and much is getting done because the room is much more amendable to conducting business. However, the new location is more difficult for some of our members to travel to. The officers of BARC are very sensitive to this and will keep an open mind about where we meet. If you know of a location in the Boston/Cambridge area that will meet our needs, please contact me.

I look forward to seeing all of you at the BARC Christmas Party!

Mark Duff/KB1EKN  
President

## We're the Hosts . . .

Arthur Ashley N1NHZ

Our members attending the December 20 Holiday Party will be extending hospitality to families, friends and pre-hams. Members are urged to wear their BARC name badges or other ham radio affiliations to facilitate making introductions, conversations and all around holiday hospitality for our guests. Have you ever entered a room full of strangers and tried to sort them all out? The wearing of your BARC name badge at the party will be a big help during the festivities.

## 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.

## Learn About The Incident Command System

An introductory course in ICS is available from the Federal Emergency Management Agency web site. You can study at home at your own pace. ICS is an organizational structure which

is just the application of good management practice, but flexible enough to adapt to any incident. It can be used to manage a small project, Field Day or a huge forest fire.

Most of the ICS is of little interest to hams, but as communicators we may find ourselves working with those who are using it, like MEMA and local agencies. This course gives you an overview of the structure.

**Basic Incident Command System, IS-195** - The Incident Command System (ICS) is recognized as an effective system for managing emergencies. Several States (including Massachusetts) have adopted ICS as their standard for emergency management, and others are considering adopting it. As ICS gains wider use, there is a need to provide training for those who are not first responders, but who may be called upon to function in an ICS environment. This Basic Incident Command System Course will begin to meet that need.

The course, ICS-195, has been developed as self-instruction. The course includes a large number of scenarios, examples, and opportunities for students to apply what they have learned. If you plan to use the course materials which are available on-line, you do not need to enroll until you are ready to take the final exam.

**Please note:** The security FEMA provides on the Independent Study Courses requires Netscape 4.75 or above, or Microsoft Internet Explorer 5.0 or above.

To take this self-study course, go to the FEMA web site at [www.fema.gov/emi/is195.htm](http://www.fema.gov/emi/is195.htm) and dig in.

## FCC ULS now Compatible with Computers

From *The ARRL Letter*, November 30, 2001

The FCC has announced that its Universal Licensing System (ULS) now can be accessed using either Internet Explorer, 5.5 - 6.0; or Netscape Navigator, 4.5, 4.51, 4.61, 4.7 and 4.75. Until now, the ULS had supported only Netscape. The FCC says applicants may now use Internet Explorer to file applications and for all other ULS purposes. For more information, contact ULS at [ulscomm@fcc.gov](mailto:ulscomm@fcc.gov).

For questions concerning computer access to ULS, CORES registration, and FCC Registration Number, TIN/Call Sign issues, or submitting attachments in ULS, contact the Technical Support Hotline at 202.414.1250. Service is available weekdays 0700 to 2200, Saturdays, 0800 to 1900, and Sundays 1200 to 1800, Eastern Time. The Public Notice outlining this change is available on the FCC's Web site [http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DA-01-2729A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-01-2729A1.doc).

## MMRA Repeaters now Using Selective CTCSS

The MMRA 2-meter repeater system is now using CTCSS squelch for access. Normally, the repeaters are in CTCSS-required mode with 146.610 (Marlboro), 146.670 (Quincy), 146.715 (Stoneham) and 146.820 (Weston) repeaters requiring a tone of 146.2 Hz. As you should know, "CTCSS" is the generic designation for Motorola's "PL," which is a trademark.

If your radio does not have the tones, you can still use your radio on the repeaters by keying your radio and typing 750 on your Touch Tone pad. The repeater decoder will then be turned off until the repeater is not used for nine minutes. The repeater will announce "PL off" immediately after you type 750 and drop the carrier.

Thanks - N1DM

## 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](mailto:ehare@arrl.org).

## ARRL Membership And Renewal

The ARRL has a new policy on club benefits when joining and renewing ARRL membership through clubs. Formerly, the club got a \$2.00 rebate when members renewed, and \$5.00 when becoming a new ARRL member. Now, the club earns only a \$15.00 rebate for a new ARRL membership.

While all members should renew, there is added incentive to sign up new ARRL members. About 3/4 of BARC members belong to ARRL. The rest should become aware of the supports and benefits that come with ARRL membership. A "new" member is defined as any individual who has never been a member or who has allowed their membership to lapse for two or more years. Regular membership dues are now \$39 for one year, \$74 for two years, and \$105 for three years. There are also reduced rates for senior, youth, blind and family memberships.

When joining ARRL, your initial dues remain the same, but the club gets that small income. Sign up through BARC; **make your check out to BARC** and give it and your 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 January 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!

## December General Meeting (Not!)

The BARC Holiday Party replaces this month's general meeting on Thursday, December 20 at Tin-Tin's in Brighton. See you there!

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.

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

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.

## Future General Meeting Dates

(Third Thursdays at 7 p.m.)

17 January 2002  
21 February 2002  
21 March 2002  
18 April 2002  
16 May 2002  
20 June 2002

## Minutes of the Boston Amateur Radio Club Business Meeting

Thursday, 6 December 2001

Recorded by Guy Bzibziak, KB1CRY

Present were:

Mike Ardai	N1IST	Vice-President
Arthur Ashley	N1NHZ	Membership Services
Guy Bzibziak	KB1CRY	Recording Secretary
Jim Clogher	N1ICN	Treasurer
Dick DiSisto	NG1L	
Dick Doherty	KA1TUZ	
Mark Duff	KB1EKN	President
Ed Hennesey	N1PBA	
Paul Katz	N1LRT	
Dan Malloy	KA1RDZ	
James Olivieri	N1ZKR	
Bob Salow	WA1IDA	Public Services
Joe Sculy	K1SQT	
James Sullivan	AA1XS	

The meeting started at approximately 1900hrs.

Committee reports were read and accepted.

The Simulated Emergency Training [SET] will occur in March 2002.

The club's participation in Jamboree on the Air [JOTA] 2001 was such a success that the club has decided to do it again next year for JOTA 2002.

The next Tech No-Code Class will be held in either February or March 2002. More details as they become available.

**Simplex: 147.42**

Field Day 2002 will be chaired by Mike Ardai, N1IST, with Leo Burke, KA1LN and Paul Olivieri, N1ZKR assisting as Vice-chairmen. It is not too early to help out in making this Field Day as good as it can get! Contact any of the above to help out.

Net Control Operators are needed for the Monday night BARC Net. Contact Mike, N1IST for open dates.

The Club's desk display will be present at the January General Meeting.

Remember -- the BARC Annual winter party is December 20 at the Tin Tin restaurant. The buffet dinner costs \$10.00 per head. Please mail in your reservations and nominations for the Ham of the Year.

Also -- Please wear your BARC Name Badges to the Party!! It makes it easier when doing an eyeball QSO as a memory aid!

The next Boston Amateur Radio Club business meeting will be held Thursday, January 3, 2002 (1st Thursday of the month), 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 6:30 p.m.)

7 February 2002  
7 March 2002  
4 April 2002  
2 May 2002  
6 June 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.

Blake Haskell	K1BTH
Mike Neilsen	W1MPN
Kris Van Alstine	N1ZXX
Pat Wilke	WL7JA

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@mediaone.net](mailto:wa1ida@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, January 14, 2002 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](http://www.barc.org/barc/school_map.gif)

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

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

Talk in on 145.23(-), PL 88.5.

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

- Your current license *and a photocopy for the ARRL*, if you are upgrading
- Any CSCE's you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- **\$10.00** (good for all the tests you take at that session, except for retests).
- Note that code tests are no longer free. Those taking the code test only will also have to pay the \$10 fee. Code and written tests can be taken together at the same session for a single \$10 fee.

The needed FCC forms will be provided.

For further information, contact

Mike Ardai, N1IST

781.321.7939

[n1ist@arrrl.net](mailto:n1ist@arrrl.net)

or

Dick Doherty, KA1TUZ

617.969.4880

[ka1tuz@arrrl.net](mailto:ka1tuz@arrrl.net)

## Future Exam Dates

(Second Mondays at 7:00 pm)

11 February 2002  
11 March 2002  
8 April 2002  
13 May 2002  
10 June 2002

## I See the Future

20 Dec	BARC Holiday Party
3 Jan 2002	BARC Business Meeting
14 Jan 2002	BARC VE Session
17 Jan 2002	BARC General Meeting
21 Apr 2002	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.

## 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 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

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**Simplex: 147.42**

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);

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, call signs, and e-mail addresses are on-line). If you have any suggestions, please let me know at [n1ist@arrl.net](mailto:n1ist@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>.

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

We also run an FTP site at [ftp.barc.org](ftp://ftp.barc.org) under [pub/hamradio](ftp://pub/hamradio). We've got a mirror of the ARRL infoserfer, BARC documents, ham radio software, and a huge mods archive. Cheyenne Greatorex, [n1qzs@magrathea.com](mailto: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](mailto:majordomo@qth.net) with the body (the subject is ignored)

*subscribe barc-list*

The welcome message will list the other lists that we have

73, /mike

[n1ist@arrl.net](mailto:n1ist@arrl.net)

## 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](mailto:n1tmf@pvcronics.com) or 617.232.6982; or Bob Salow at [wa1ida@mediaone.net](mailto:wa1ida@mediaone.net) or 508.650.9440.

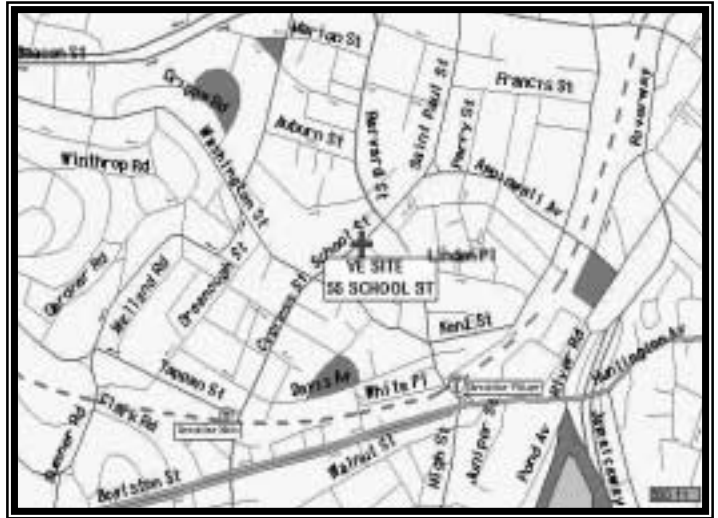
## Your Ad Could Have Been Here

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.

Simplex: 147.42



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: Mark Duff, KB1EKN	781.749.7664; emgmt@mediaone.net
Vice President: Mike Ar dai, N1IST;	781.321.7939, nlist@arrl.net
Secretary: Guy Bzibziak, KB1CRY;	781.321.1104; kb1cry@arrl.net
Treasurer: Jim Clogher, N1ICN,	617.364.4658; nlicn@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; walida@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
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
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
(4 <sup>th</sup> Sun. of Month)		

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Simplex: 147.42