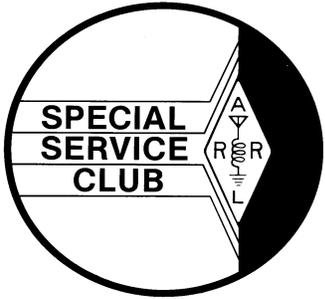




The SPARC

Volume XIV, Number 9; September 2002
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org>
w1bos@arrl.net



The President's Word

Paul Olivieri, N1ZKR

As we approach the one year anniversary of the September 11th attacks, I hope that everyone will pause for a moment of silence for the many Hams and others who were killed that day. If you know a Ham who responded to New York or another site, thank them; they are heroes too, they gave of their time and talent in their way to help the victims of that tragic day.

So what have you done to better prepare yourself if called to respond to an emergency? Did you upgrade your license; did you complete any of the ARRL emergency communications courses; did you check into a traffic net and get practice handling formal traffic; did you buy a new HT that you take to work with you now; did you take first aid and CPR training (or retraining)? If the events of last September taught us anything, it is that we must be ready to respond to the unexpected and possibly unthinkable emergency.

There are a number of public service events coming up this fall so please check your schedule and help out if you can. It can be good practice for "the real thing". Blake Haskell - K1BTH is working on a schedule of interesting speakers for the months ahead so please let him know if you would like to share some of your expertise at a general meeting. Thank you. Be ready. Stay safe. "73"

Paul Olivieri, N1ZKR

Swim, Bike, Run, Ham, Done

Bob Salow, WA1IDA

Early in the morning the water temperature was about 65°. Too *ccold* for me, but a thousand others jumped into Boston harbor, and the Monster Challenge Triathlon was on. The air temperature was higher as they picked up their bikes and rode off to downtown, through the North End, Charlestown, Cambridge, and back to the World Trade Center in South Boston. Off the bikes, sneakers on, and now run a few laps into the Marine Industrial Park. Rhetorical: were their brains pre-frozen before they jumped into the water?

Sunday, 1 September dawned sunny and calm. The course, however, had to contend with the Big Dig, assorted other road hazards, and confusing intersections. This was the second annual

triathlon held in Boston as a fund-raiser for the AIDS Action Committee. The principal sponsor is Monster.com.

The elite and the amateur athletes all had to be watched guided and protected through their exertions. Twenty-four hams supported communications to the great satisfaction of the organizers. The hams who volunteered were:

- | | |
|-------------------|--------|
| Bruce Alexander | KA1IG |
| John Antes | KB1EB |
| Arthur Ashley | N1NHZ |
| Bill Bridgham | N1RYT |
| Bart Cardon | KD1KG |
| Allan Cox Jr | K1VQ |
| Rick Desisto | NG1L |
| Mark Duff | KB1EKN |
| Dwight Ernest | KA2CNN |
| Liz Gerald | KB1HJQ |
| Spencer Goldstein | N1JWB |
| Bob Gorman | WA1SCH |
| Pete Guimond | N1EZT |
| Blake Haskell | K1BTH |
| Walter Kahn | KB1IBG |
| Paul Katz | N1LRT |
| Rick Meuse | N1HID |
| Paul Olivieri | N1ZKR |
| Ken Olson | W7LSG |
| Shelby Pierce | KA1NIW |
| Bob Salow | WA1IDA |
| Wayne Sellin | KG4FRL |
| Carlos Silva | KB1CRZ |
| Dave Spalding | N1LUM |

Public Service Awareness

Bruce Alexander, KA1IG

As I sat at Net Control for the Monster Challenge Triathlon on Sunday, 1 September, I recognized many things I heard then and at other events. The Triathlon went smoothly, but there were a few things that we should always be careful to avoid.

First, before starting a transmission, think about what you want to say, and then start the transmission. It is not necessary to make lengthy transmissions to say something that could be communicated in one or two sentences.

Second, be sure that your communication is really relevant, not an observation of interest only to you. The Net Control operator has enough to deal with concerning necessary traffic.

Third, always be as polite as possible. You never know who may be listening to your transmission at another station or on a scanner, etc. Often, event organizers will be present at our Net Control, or a key person hears the radio of the shadow assigned to them. We want to be showing our best side at all times.

Finally, it is increasingly asked that because of event security, we hams make firm commitments to supporting the event. This has become evident at the larger and urban events lately. If you volunteer to work an event, make every attempt to be there. If you are not going to be able to keep the commitment, notify the coordinator as soon as possible. When we tell an event organizer that we will be able to provide a number of operators to meet their needs, we must provide that number. It puts Amateur Radio in a bad light when we can't provide what we've committed to, and our credibility suffers tremendously.

These are common problems that we all encounter. A regular reminder can help us all.

Second Annual Half Marathon

Bob Salow, WA1IDA

As a complement to the Boston Marathon, the BAA started a new event last year - a Half Marathon run almost entirely in Boston. We have been asked again to lend communications support for this event. While the ham radio part is straight forward, the complexities of an urban course make our services a vital part of protecting the runners and spectators.

The 2002 Half Marathon will be held on Sunday, 13 October from mid-morning to early afternoon. The course runs from Clemente Park in the Fenway, along the Jamaicaway and Arborway, to a turnaround at the Franklin Park Zoo, and back again. As we did last year, 2-meter/70-cm hand-helds should do the job. An antenna better than a "rubber duck," sufficient batteries, and an earplug are your best friends.

This is a great opportunity to impress local authorities. Your help is needed. If you can volunteer, contact Bob Salow, WA1IDA, at 508.650.9440, or by email to walida@arrl.net.

Bass Booted?

From ARRL Letter, 6 September 2002

A cargo container appears destined to replace "space tourist" hopeful Lance Bass, KG4UYY, on an October mission to the International Space Station. Associated Press, CNN and Reuters reported that the pop singer--part of the group 'N Sync--will not be going into space after all. It's still not clear, however, that this is the final word on the on again/off again relationship between Bass and the Russian space program.

Last week, Bass passed his Technician Amateur Radio license test in preparation for doing some Amateur Radio on the International Space Station (ARISS) school contacts during his planned ISS tour. The FCC granted the new call sign to the Orlando, Florida, resident on September 5. News accounts this week reported, however, that Bass has been removed from the roster of the Soyuz taxi mission crew and has left the Star City, Russia, cosmonaut training center--although he's still said to be in the Moscow area.

Still on the Soyuz flight schedule are Russian commander Sergei Zalyotin and Belgian flight engineer Frank De Winne, ON1DWN. Russian Space Agency officials said this week that the commercial consortium backing the Bass adventure still has not come up with any of the estimated \$20 million payment, despite several deadline extensions. Bass who's relying on the corporate sponsors to pay for his fare as a space tourist, began his training in July at Star City and had just returned to Russia after a week at NASA's Johnson Space Center in Houston.

Bass's handlers are blaming the nonpayment on paperwork problems and say the latest setback is temporary and negotiations are continuing. The Russians are standing firm that Bass is out of the program. They have said they'll now send a container of additional equipment instead of the pop star. The 23-year-old Bass has been hoping to become the youngest person ever to journey into space.

During his Amateur Radio training at Johnson Space Center in Texas, Nick Lance, KC5SWM--who instructed Bass in getting his ticket--also exposed him to a simulation of what he might expect to hear in space while making casual QSOs. "Frank Bauer [KA3HDO, the ARISS Board chairman] and I felt it was important for him to experience what it would be like responding to thousands of calls simultaneously, so I arranged for pileup training for Lance with my students acting as the ground stations," Lance said.

With his wife Renee, KC5VMA, serving as control operator for the training event, a couple of dozen students called while Bass tried to copy and respond to each one. "Lance was initially overcome by all the call signs, then settled down after making several contacts and did well himself," Lance said.

Bass later stopped by to say hello to the students who had just helped train him. "Everyone was thrilled," Lance said. "Then we went back to our studies and Lance Bass took the exam and passed.

You Say You Have Free Time?

Frank Murphy N1DHW

The Salvation Army Emergency Disaster Services (EDS) is looking for new members. They are seeking both drivers for the EDS trucks (canteens), and those who can respond to multiple alarm fires direct from home to assist the canteens at the fire/disaster scene. Hams are the perfect choice for this volunteer work. Not only are you there to refresh those hardworking

firemen, but also in times of disaster, you're available and trained to assist with radio communications.

Contact Bill Foley, kb1glf, EDS Coordinator, 617-338-4155 x513, or Frank Murphy, n1dhw@arrl.net for more info.

BARC Email List Moves

QTH.net, the people who provide the mailing list server that **barc-list** runs on, has upgraded their system to a new mailing list manager called Mailman. To post to **barc-list**, send a message to barc-list@mailman.qth.net from the address that you are subscribed from. Only subscribers can post to the list. This is to reduce spam.

You can subscribe, unsubscribe, or manage your **qth.net** subscriptions at <http://www.qth.net>. This change applies to all mailing lists previously on **qth.net** directly.

Be Seen At Emergency And Public Service Events

BARC has a supply of the bright orange caps for use at emergency or public service events. They are adjustable to fit all but the very largest heads (Ed. You trying to say something here, Bob?), and proclaim, "Emergency Communications."

The price is \$5.00, and they are available at club meetings, or contact Dick, KA1TUZ or Bob, WA1IDA.

Ham-Led Team Attempting Transatlantic Model Airplane Flight

From ARRL Letter, 23 August 2002

A team of model airplane enthusiasts led by Maynard Hill, W3FQF, is attempting a record-breaking crossing of the Atlantic by a model aircraft. A model plane dubbed "The Spirit of Butts Farm" was launched August 20 and was on its way to Ireland. Monitoring the flight, TAM-3, the third in a series, from Newfoundland, Canada, Hill's team reports the plane was last heard from August 21 at 0428 UTC. "We are still uncertain what happened," said a terse announcement on the team's Web site.

The Transatlantic Model Aircraft--or TAM--project is Hill's brainchild as the president of the Society for Technical Aeromodel Research. Hill and his design team have spent four years on the ambitious project. The TAM aircraft are hand-launched and guided to an altitude of 1500 feet by radio remote control. Upon reaching that altitude, a sophisticated GPS-based autopilot system takes over. The aircraft sends periodic position reports to the flight team, and these are posted on the TAM Web site <http://tam.plannet21.com/index.html>

The first two TAMs failed soon after launch. The last position report for TAM-3 indicated that it had completed better than one-

fourth of its journey before contact with the airplane was lost. TAM-4 will be the final attempt--at least for now.

A successful flight would mark the first transatlantic crossing by a true model airplane--an aircraft weighing 11 pounds or less with an engine with no more than 10 cc displacement, as specified by the Federation Aeronautique Internationale (FAI) <http://www.fai.org>. It would also set a new world record for straight-line distance by a radio-controlled, piston-powered model airplane.

More information on this historic effort is available on the TAM Web site <http://tam.plannet21.com/index.html>. An article on the flight appeared in the on-line edition of National Geographic http://news.nationalgeographic.com/news/2002/08/0805_020805_transatlantic.html

September BARC General Meeting

Finding out more of what you can do with your general coverage receiver will be the topic of our next meeting. Tom Walsh, K1TW, Gary Thorburn, KD1TE, and others from the Boston Area DXers (also known as "The BAD Guys") will present a program on short wave listening and medium wave DXing.

Originally started 30 years ago, the BAD Guys are among the most active short wave listeners in the world. They meet regularly to exchange tales of DX and hold a number of DXpeditions.

Gary, Tom and the BAD Guys will describe and demonstrate some of the fascinating listening you can do outside the ham bands. Among the topics to be covered will be solid ideas on how to improve your listening to medium wave signals from the Boston area.

This month's BARC General Meeting is on Thursday, September 19 at 7p.m.

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

Parking is available; the entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). It is also T accessible; the nearest T stations are Back Bay on the Orange and Purple lines (exit the rear of the station by the 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 October 2002
21 November 2002
19 December 2002 (Holiday Party)
16 January 2003
20 February 2003
20 March 2003

Minutes of the Boston Amateur Radio Club Business Meeting

September 5, 2002

Recorded by Michael Ardai, N1IST, Secretary

Present were:

Mike Ardai	N1IST	Secretary
Arthur Ashley	N1NHZ	Membership Services
Hank Buccigross	K1QK	
Jim Clogher	N1ICN	
Dick Doherty	KA1TUZ	Executive Committee
Mark Duff	KB1EKN	Executive Committee
Bill Foley	KB1GLF	
Dan Malloy	KA1RDZ	
Frank Murphy	N1DHW	Vice President
Paul Olivieri	N1ZKR	President
Bob Salow	WA1IDA	Public Service
Joe Scully	K1SQT	

The meeting started at approximately 1900 hrs.

Committee reports were read and accepted.

The next VE session will be 9/9.

October and November VE sessions will be on the **first Monday** since the usual time falls on school holidays.

September general meeting topic: SWLing. October: probably satellites. November: Awards (DXCC, WAS) including field checking of cards. December: Holiday Dinner.

We need to get the Emergency Response Team more active. How can we do this?

SATERN presence at Boxboro went very well. Good emergency communications demo.

24 hams helped with the Triathlon. It went very well, and BARC picked up 2 new members.

Upcoming events - half marathon on 10/13, WGBH Ice-cream Funfest 9/14-9/15 - contact WA1IDA if you can help - we still need people for Sunday at WGBH

BARC made a donation to help support HandiHams.

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

According to the ARRL, it is legal to re-read Amber Alert messages on ham radio. It is not legal to rebroadcast (record and play back over the air) them.

JOTA - Most likely in Hingham. Still a possibility to do it in Bedford.

The first BARC brochure will target non-hams interested in the hobby. Future ones will target hams new in the area and served agencies.

The BARC holiday dinner will be held 12/19 at the TinTin Buffet in Brighton (same place as last year).

What happened with the BARC table at Boxboro? We spent the money for the table but nobody volunteered to help man the tables, and since N1IST was out of town and KA1TUZ was working the gate, it went idle.

The donated gear that we were planning to sell at Boxboro will now be at the Waltham auction in November or if someone wants to help out, we may want to put some of it up on eBay.

Hosstraders will be October 4 and 5.

The meeting adjourned at 2042 hrs.

The next Boston Amateur Radio Club business meeting will be held Thursday, October 3, 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 November 2002
5 December 2002
2 January 2003
6 February 2003
6 March 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.

Geri Duff KB1ISG
Dave Spalding N1LUM

Simplex: 147.42

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

BARC VE Session

The Boston Amateur Radio Club holds its monthly VE session on the second Monday of each month. The next session will be at 7pm on Monday, **7 October 2002 (adjusted for the holiday)** 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)
- **\$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

or

Dick Doherty, KA1TUZ

617.969.4880

ka1tuz@arrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

7 October 2002 (**note adjustment**)
4 November 2002 (**note adjustment**)
9 December 2002
13 January 2003
10 February 2003
10 March 2003

I See the Future

14-15 Sept	WGBH Ice Cream FunFest
15 Sept	MIT Flea
19 Sept	BARC General Meeting
21 Sept	RIFMRS Flea (Forestdale RI)
3 Oct	BARC Business Meeting
4-5 Oct	Hoss Traders Flea (Hopkinton NH)
7 Oct	BARC VE Exams
12 Oct	NE Antique RC (Nashua NH)
13 Oct	BARC Breakfast
13 Oct	BAA Half Marathon (Rp)
17 Oct	BARC General Meeting
20 Oct	MIT Flea (last of 2002)
1 Nov	HCRA Auction (Feeding Hills)
3 Nov	Framingham ARA Flea
16 Nov	Waltham ARA, 1200 Club Auction (Newton)

(**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 NCS stations needed

Mike Ardai N1IST

We are constantly looking for people to help run the BARC Net each Monday night. This is a great way to get your feet wet in running a net and a nice way to help out the club. If you can help, please let me know when I ask for volunteers during the net or drop me an email at n1ist@arrl.net.

Special thanks to KB1EZL, N1NHZ, N1GIE, and all the other regulars who help out by running the nets.

If it is a few minutes after 9 PM and nobody is running the net, please jump in and pick it up. The preamble is in the SPARC and on the BARC web page. If you don't have it with you, just wing it.

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.

Catch us on the Internet!

The Boston Amateur Radio Club has a web page at <http://www.barc.org>. 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/articles.html>
and bylaws:
<http://www.barc.org/bylaws.html>.

We also run an FTP site at [ftp.barc.org](ftp://ftp.barc.org) under <pub/hamradio>. We've got a mirror of the ARRL infoservert, BARC documents, ham radio software, and a huge mods archive.

We also run a club e-mail list via [qth.net](http://www.qth.net). You can subscribe, unsubscribe, or manage your [qth.net](http://www.qth.net) subscriptions at <http://www.qth.net>. This change applies to all mailing lists previously on [qth.net](http://www.qth.net) directly.

73, /mike
nlist@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 or 617.232.6982; or Bob Salow at walida@arrl.net or 508.650.9440.

Your Ad Could Have Been Here

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

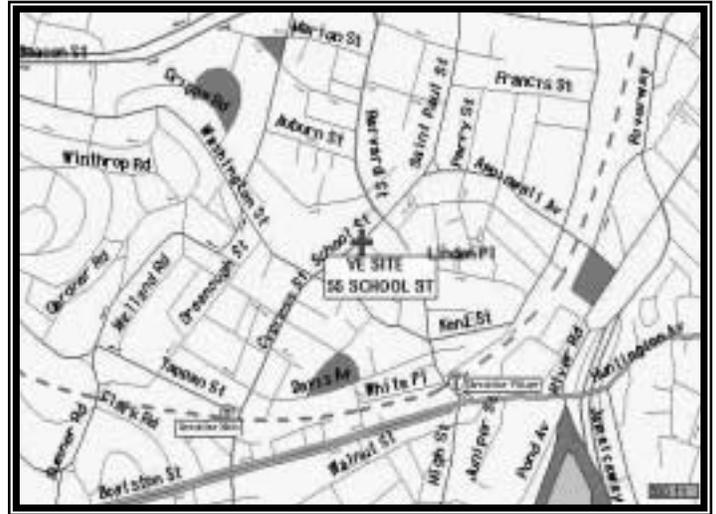
Special Event Station K4P To Mark First Anniversary Of Pentagon Attack:

From the ARRL Letter, Vol 21, No 25

Deanna Lutz, K7DID, reports that special event station K4P will operate from the Pentagon starting 0400 UTC Wednesday, September 11 through 0400 UTC Thursday, September 12, to mark the first anniversary of the terrorist attack. "Given the added security restrictions on that day, only a handful of us will be active there, however," Lutz said. K4P will operate from the Pentagon and from other sites in the Washington, DC, area. Activity will be on 80 through 10 meters, SSB and CW. QSL with an SASE to K7DID, PO Box 70071, Washington, DC 20024.



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
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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
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 Newslines)	145.47
Su 9:30pm (4 th Sun. of Month)	EMA Section ARES Net	146.61 and all MMRA links

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

Simplex: 147.42