



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XVIII, Number 8; August 2006

<http://www.barc.org>

w1bos@arrl.net



President's Column

-- Blake T. Haskell, K1BTH

In my final column as BARC President, I want to thank all Club members for the assistance you have provided me during my tenure.

There are several individuals who I want to single out for their call to duty on behalf of the Club:

Frank Murphy and Bill Foley have been gracious hosts to BARC over the years. The Salvation Army is indeed fortunate to have these two outstanding gentlemen working for them. I look forward to working with them on joint ventures.

Mark Duff, Eric Falkof and Hank Buccigross for their sage counsel over these many months. Many times they calmed me down and made me see other sides of an issue and I thank them for their counsel, experience and wisdom.

Joe Flaherty deserves kudos for his rock solid Net Control duties. He has been diligent on the Net Control night in and night out. Thanks Joe!

Mike Ar dai does more for the Club than people realize. He's a technical genius and keeps the repeaters running, and the web site humming plus many more jobs.

Arthur Ashley in his role as Membership Chair. He even got us a new member from Australia!

BARC would not have a Public Service program without the stewardship of Bob Salow. Event after event he gets hams on the street helping served agencies. Great job

There are many other hard working Club members and the problem with writing a column like this is I'm sure I have left someone out. So, thank you all.

The Club is at a crossroads. Now, more than ever, we need BARC members to come forward and help chart a new direction for the Club. We have significant challenges ahead of us but I remain confident that if we band together and work as a team we can overcome them and grow together as a Club. Let's all pitch in and help.

Thanks again.

September Business Meeting Time and Place

The BARC Business meeting for September will be at the Salvation Army building, in the second floor cafeteria. *Note that the meeting time is 7:00 pm.*

The August General Meeting is Omitted

Our General meetings are usually held on the third Thursday of each month at the Salvation Army Headquarters, 147 Columbus Ave at the corner of Berkeley St in the third floor auditorium.

The meetings are convenient to public transportation. The nearest T stations are Back Bay on the Orange and Purple lines (exit at the rear of the station and walk down Columbus), and Copley or Arlington stations on the Green line.

Free parking is available in the lot adjacent to the Salvation Army building. The entrance to the lot is from Columbus Ave (across the street from the firehouse). A map appears on page 7.

Talk-in is available on 145.230 MHz (-), CTCSS 88.5 Hz. If you arrive after 7:15 pm, ring the bell at the door to be admitted, as the door is locked at that time.

Have a good summer and we'll see you again in September.

Future General Meeting Dates

(Third Thursdays at 7:00 pm)

(No meeting in August – watch for other activities!)

21 September 2006

19 October 2006

16 November 2006

21 December 2006 (*Holiday Party*)

18 January 2007

15 February 2007

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.

Kathy Savage KB1LPW

Rick Savage KB1LYJ

Please welcome the new BARC members and congratulate the new upgrades. Make it a point to introduce yourself when you see them at a meeting. In addition, we would like to note here all call sign changes. If you fit any of these categories, please promptly notify the Keeper of the Database, Bob Salow, WA1IDA at: 508.650.9440 or email: wa1ida@arrl.net .

If you don't pay your exorcist, you get repossessed.

Have Breakfast With BARC

BARC holds a social breakfast on the second Sunday of each month at the Old Country Buffet in the Watertown Mall at 0830.

We just get together, socialize and eat, without any formal club events or business. Family and friends are welcome. The extensive buffet breakfast is *very* good. The cost is reasonable at \$7.23; less for seniors.

The Old Country Buffet is in the Watertown Mall, on Arsenal St. in Watertown. There is plenty of parking. From Memorial Dr, continue on Greenough Blvd to the Watertown exit, turn right on Arsenal St. The #70 T bus from Central Square Cambridge to Watertown Square stops right at the Watertown Mall. We hope to see all of you there – and bring your appetite!

BARC VE Session

The Boston Amateur Radio Club usually holds monthly VE sessions on the second Monday of each month. Sessions are held at 7:00 pm at the Pierce School, 50 School St in Brookline, Room 110, next to the cafeteria. A map is shown on page 7.

Please note that VE Exams will not be held in August.

For further information, contact
Mike Ardai, N1IST 781.321.7939 n1ist@arrrl.net
Dick Doherty, KA1TUZ 617.527.2968 ka1tuz@arrrl.net

If Brookline schools are closed, the VE exams will be canceled.

Future Exam Dates

(Second Mondays at 7:00 pm)

11 September 2006
2 October 2006 (*note changed schedule*)
13 November 2006
11 December 2006
8 January 2007
12 February 2007

You Can Get Your Newsletter Hot Off the Wire!

-- Bob Salow, WA1IDA

In an effort to conserve club resources, we are offering early access to *The SPARC* electronically, which also saves the costs of paper, printing and postage. Even if you have already renewed your 2006 membership, but neglected to check to accept receiving the newsletter electronically, all you need to do is send an email to the Keeper of the Database at walida@arrrl.net.

Please provide your name, call and an accurate email address. You will be notified by email each month as soon as the issue is ready for access at a private member web site as quickly as it is published.

There is considerable cost associated with the mailed hard copy. This can be saved thanks to your acceptance and the generous efforts of Mike, N1IST, who has organized the electronic publication.

ARRL Convention in Boxboro

The ARRL New England Division Convention will be held in Boxboro, MA on 25 to 27 August. It is more than just a Hamfest with new and used Amateur Radio gear. It is a chance to go to many interesting forums and to engage socially with your fellow Amateur Radio operators. Be sure to make some time to attend the technical and operation forums as well as browse the giant flea market. All the major manufacturers and many of the smaller ones will show their latest wares.

The ARRL Forum will give you a chance to hear the developments in League support and legal issues. There will be several sessions featuring weather and emergency communication topics. A class on the basic Incident Command System (ICS) will be presented.

Check the full schedule of workshops, forums, directions, banquets and other functions at www.boxboro.org/. See you there.

NIMS/ICS Training Essential for Volunteers

The Department of Homeland Security is requiring all first responders, including volunteers, to complete at least introductory training in the National Incident Management System (NIMS) by 2007. Most, if not all, non-governmental agencies will soon require the ICS-700 course for volunteers (including hams) to participate in their activities.

This sounds formidable, but in reality there is an Independent Study course available from FEMA designated IS-700. Go to www.training.fema.gov/emiweb/is/crslist.asp to find the course list. Follow directions and you will get to IS-700. You can take the course on line or download the material and do it at your own pace. It shouldn't take more than three hours. There's a final exam on line, but it isn't going to cause much sweat (or cost any money – the courses are all free). After passing the final, the student will get notification by e-mail or regular mail.

NIMS incorporates the Incident Command System (ICS), and adds the component "Multiagency Coordination Systems," a combination of facilities, equipment, personnel, procedures, and communications integrated into a common framework for coordinating and supporting incident management.

Also, look at the rest of the course offerings on the FEMA training Web site. They represent a wealth of knowledge, organized so that we can get through them and actually learn something. They aren't rocket science, just good stuff we need to know! See also courses IS-100, and IS-200.

The ARRL and BARC strongly recommend that hams take these courses. Even if you do not anticipate participating in emergency or public service activities, you will have a better understanding of what is going on when a disaster hits.

When I'm finally holding all the cards, why does everyone else decide to play chess?

He who laughs last, thinks slowest.

Hams Needed for the 2006 Boston Triathlon

-- Bob Salow, WA1IDA

After five years of successful events, the Boston Triathlon now takes its place as a "Boston Tradition." Ham radio has established its community value at times like these. We have been asked again to support safety communications. With a little fine tuning, including many ideas from hams, the event is expected to be even better than last year.

For those who have done this event before, you know the road conditions still call for our best support for the athletes. We need you again, and the Race Director has asked for even more ham help (that's what happens when we are appreciated).

If you are new to ham public service (or don't have much familiarity with it), this is the way to become familiar without much pressure. For hams, this is an easy introduction and an appreciated community service.

The triathlon consists of a swim in the harbor around the World Trade Center (WTC) in South Boston; bike from there through downtown Boston, Charlestown, across and around Cambridge, and back to the WTC; and run from the WTC into and around the Marine Industrial Park, and finish at the WTC. Exhausting? Yes for the racers. No for us hams.

Date: Sunday, 3 September 2006

Ham start: 0600

Ham finish: 0930 to 1100

The ham start time is governed by road closures and access to the station locations. It is important to be at the assigned locations on time (even if you are the first one there) - the triathletes move very fast (I don't know how they do it), so the course is occupied quickly.

Yes, I know it is the day before Labor Day. The upside is it starts early and ends early, leaving plenty of time to enjoy the long weekend. Your help is greatly needed to continue this as a superb event and to uphold our reputation for dependable support. Our assignments consist of monitoring hazardous and critical locations along the course, and the medical/support stations. As we did last year, we plan to use a 2-meter repeater and/or a 70-cm repeater. Hand-held with a good battery and an antenna better than a "rubber duck" is the way to go.

If you can help, please contact me as soon as possible. I will email the assignments and more detail as soon as they are available. For most assignments, you can go directly to your station.

Time is short, so please let me know quickly if you can help. Please send me a phone number (cell, also). Parking should be available very close to each assignment. Feel free to contact me if you have any questions.

Thanks and 73,
Bob, WA1IDA
508.650.9440
walida@arrl.net

Looking Ahead At Public Service

-- Bob Salow, WA1IDA

When hams engage in public service as mandated by the FCC Rules, the benefits go well beyond just following the rules. We can enjoy our hobby - have fun! We protect the health and safety of event participants. We support worthy charities. We learn to work within an organized effort. We experience the technical aspects of operating under adverse conditions. We practice communicating under emergency conditions. We can demonstrate these qualities to the communities we serve and thus promote our service for their acceptance.

Throughout the year BARC coordinates numerous public service events. Most of these are open to hams who are new to helping at such events as well as experienced hams. Here is a general look ahead at some of the events in 2006 that we will be asked to support. Formal recruiting will not take place until closer to each event. Feel free to contact Bob Salow, WA1IDA, if you have any questions - walida@arrl.net or 508.650.9440.

Boston Triathlon – **3 September** - Swim, Bike, Run race; in Boston and Cambridge.

WGBH Ice Cream FunFest – **16 September** - Logistics management; ham radio public awareness in Boston.

BAA Half Marathon – **8 October** - 13.1 miles; 98% in Boston, 2% in Brookline.

SKYWARN Recognition Day – **2 December** - at Blue Hill Observatory, Milton.

Other events may jump in on short notice. Among our skills is the ability to apply our technical, organizational and staffing quickly and proficiently. Join our team and join in the fun and learning.

Is It Worth It To Drive?

-- FEDINFO E-Letter 2006-4

Before you head out on your next road trip, find out how much you'll be spending on gas to see if it's worth the trip. The AAA Fuel Cost Calculator estimates the amount and cost of gas needed by using current gasoline prices from AAA's daily, online Fuel Gauge Report, as well as the latest highway fuel economy ratings from the U.S. Environmental Protection Agency.

At www.fuelcostcalculator.com, you can find out the average cost of gas by region and enter in your trip information to see how much your estimated gas cost would be for both one-way and roundtrip. The site allows you to select your starting location and destination from a list of cities, as well as the make, model, and year of your vehicle.

For additional tips on saving gas, check out this web site: www.fueleconomy.gov/feg/drive.shtml

You can also protect yourself from gas-saving gimmicks at: www.ftc.gov/bcp/online/pubs/autos/gasave.htm

Minutes of the Boston Amateur Radio Club Business Meeting

August 3, 2006; Notes by Bob Salow, WA1IDA, Acting Secretary

The meeting began informally at 1915 at the Parlin Library in Everett. Due to illness and other commitments, the President, Vice President and Secretary were absent. Those attending:

Arthur Ashley	N1NHZ	
Hank Buccigross	K1QK	
Jim Clogher	N1ICN	Treasurer
Mark Duff	KB1EKN	
Joe Harris	KB1IXK	
Bob Salow	WA1IDA	
Joe Scully	K1SQT	

As the BARC delegate, Bob reviewed topics discussed at the ARRL New England Division Cabinet meeting held in Portland ME on 16 July. Of note was the slow decline in the number of hams in New England and in the country.

The ARRL online Technician course (reported to be excellent) cost has been reduced and includes a one-year membership in the League.

Frustration was expressed regarding the use of the word "Amateur" when presented to served agencies and other outsiders. It connotes the opposite of the professionalism of our communication support.

Suggestions were offered to broaden the definition of ham radio to include SWL, experimenters and other skills.

While not a problem in most parts of New England, significant conflicts between ARES and RACES should be resolved for the benefit of all. This may require changes in both the FCC Regulations and the ARRL.

The perennial BARC discussion about a club station and a permanent meeting place resulted in no conclusion. There was further consideration of the goals of the club and how better to support the ham community.

The next public service event is the Boston Triathlon on Sunday, 3 September. Ham volunteers are needed. Now in its sixth year, it has become a Boston tradition, thanks in no small part to ham support.

The connection between meeting presentations and meeting attendance was examined. While other factors influence attendance, certain speakers and topics clearly motivate members to attend meetings.

An informal adjournment occurred at 2045 when the Library closed.

The Business meeting 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 attend these meetings.**

The next BARC Business meeting will be held Thursday, September 7 (first Thursday of the month), starting at **7:00 pm**. **Meetings are held at the Salvation Army Headquarters building, 147 Columbus Ave, at the corner of Berkeley St, in the second floor cafeteria.** Enter the door nearest the parking lot.

Our meetings are convenient to public transportation. The nearest **T** stations are Back Bay on the Orange and Purple lines (exit at the rear of the station and walk down Columbus), and Copley or Arlington stations on the Green line.

Free parking is available in the lot adjacent to the Salvation Army building. The entrance to the lot is from Columbus Ave (across the street from the firehouse). A map appears on page 7.

Talk-in is available on 145.230 MHz (-), CTCSS 88.5 Hz.

Future Business Meeting Dates

(First Thursday at 7:00 pm)

7 September 2006
5 October 2006
2 November 2006
7 December 2006
4 January 2007
1 February 2007



The Clay Center Observatory
welcomes BARC members

www.claycenter.org

Public Astronomy Nights, Astronomy Day Events,
Amateur Radio Classes, Amateur Radio Youth Club,
Community and Adult Education, Weather Festival,
Science Lecture Series, Educational Outreach

20 Newton St., Brookline; near Larz Anderson Park

New and Old Hams Join ARRL

Does secure spectrum at 7 MHz or at 2.4 GHz mean something to you? It should! Those bands are not fully for hams, but they could become ours worldwide through the difficult international negotiations by ARRL.

Now is the time to join the ARRL, the National Organization for Amateur Radio. Spectrum protection, legal support, technical help, national and international representation, and *QST* in full color are only a few of the benefits. Restructuring has encouraged a rush of new hams, and we want you on the inside.

The vast majority of BARC members are ARRL members. Whether you are joining ARRL for the first time, or are renewing, please sign up through BARC. In either case, make your check out to BARC (at the usual ARRL dues rate) and give it and the

ARRL membership form to the BARC Treasurer. He will handle the rest, and you will get all the benefits, and so will the club.

Notice - Are You Using VoIP? Beware!

-- FEDINFO E-Letter 2006-4

Many people are aware of "phishing," (pronounced: fish-ing) in which email recipients are directed to a fake website seeking their financial details but might not know about a new Internet scam called "vishing," which is short for "voice phishing." Vishing uses Voice over Internet Protocol (VoIP) phones instead of a bogus web link to steal financial information.

A recent incident involved customers from Santa Barbara Bank and Trust in CA. Internet con artists sent account holders emails asking them to telephone the bank. Customers who responded heard a recorded message asking them to enter their account details. A second incident earlier this month involved Paypal customers.

VoIP service providers allow their customers to pick a telephone number that appears to be based elsewhere, so it's possible for fraudsters to pick a phone number in the same area code and prefix of a major bank despite being physically located somewhere hundreds of miles away in another city or state.

Always remember that a financial institution already has your personal information, so if you get an unsolicited telephone call where someone is asking you to provide or confirm any of your personal information, immediately hang up and call your financial institution.

To learn more about vishing scams, check out: www.bankrate.com/brm/news/advice/scams/20060726a1.asp

Derecho Hits New England

-- Glenn Field, KB1GHX, and Nicole Belk, KC8MDW; National Weather Service

NWS determined that the extensive damage that occurred on Wednesday, 2 August 2006 was caused by what is termed a "derecho." A derecho is a long-lived, widespread and rapidly moving convective windstorm that essentially is comprised of a family of downburst clusters. Downbursts can be either microbursts or macrobursts, depending on whether the damage swath is less than or greater than 2.5 miles.

The result of this family of downburst clusters is widespread straight-line wind damage over a large area. The winds associated with derechos are not constant and may vary considerably along its path - sometimes being below severe limits (57 mph or less) and sometimes being very strong (greater than 100 mph in extreme derechos).

The word derecho was coined by Dr. Gustavus Hinrichs, a physics professor at the University of Iowa, in a paper published in the American Meteorological Journal in 1888. Dr. Hinrichs chose this terminology for thunderstorm-induced straight-line winds as opposed to the word tornado. Derecho is a Spanish word which can be defined as "direct" or "straight ahead" while

tornado is thought by some, including Dr. Hinrichs, to have been derived from the Spanish word "tornar" which means "to turn."

The modern-day strict definition of a derecho requires that its length be greater than 240 miles...however the storm prediction center acknowledges that true derechos can be somewhat shorter in length.

Catch Us on the Internet!

-- Mike Ardai, N1IST

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, call signs, and e-mail addresses are on-line). If you have any suggestions, please let me know at n1ist@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](ftp://pub.hamradio). We've got a mirror of the ARRL infoserfer, BARC documents, ham radio software, and a huge mods archive.

We also run a club e-mail list via qth.net. 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.

I See the Future

13 Aug	BARC Breakfast
20 Aug	MIT Flea
25-27 Aug	ARRL NE Div Conv/Flea (Boxboro)
3 Sep	Boston Triathlon (Rp)
7 Sep	BARC Business Meeting
10 Sep	BARC Breakfast
10 Sep	SEMARA Flea (Dartmouth)
11 Sep	BARC VE Session
16 Sep	WGBH Ice Cream FunFest
17 Sep	MIT Flea
21 Sep	BARC General Meeting
5 Oct	BARC Business Meeting
6-7 Oct	Hoss Traders Flea (Hopkinton NH)
8 Oct	BAA Half Marathon (Rp)
19 Oct	BARC General Meeting

(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 beyond, the "Ham - Electronic Flea Market" and the "PSLIST" lists tell the story. They are posted by e-mail to **barc-list**. If needed, contact any club member who has access to these.

Middle age is when broadness of the mind and narrowness of the waist change places.

Security Warning

-- Mike Ardai, N1IST

You wouldn't put a big sign in your window saying "*Expensive stuff inside and nobody will be home for a week,*" would you? Of course not. However, that's exactly what you are doing when you announce on the repeater that you (or someone else) will be away on vacation.

Keep in mind that hams aren't the only ones who listen to the repeater. A few years ago (not here in MA) a thief was caught who had a scanner and call book in his car. He was breaking in to places after hearing when the owner would be away.

So, please don't say that you will be on vacation next week, or that so-and-so is out of town until next Thursday. The regulars will all know it, and you can fill us in when you get back.

Are You Vacationing in the Wilderness this Summer?

The Wilderness protocol (see *QST*, August 1995, page 101) calls for wilderness hams to announce their presence on, and to monitor, the national calling frequencies for five minutes beginning at the top of the hour, every three hours from 0700 to 1900 while in the back country.

A ham in a remote location may be able to relay emergency information through another wilderness ham who has better access to a repeater. The calling frequencies are: 52.525, 146.520, 223.500, 446.000, 1294.500 MHz.

BARC is Always Looking for Good Speakers

-- Blake Haskell, K1BTH

If you have a particular topic that you would like to see covered at one of the monthly meetings, please contact me at k1bth@aol.com. I will make every attempt to secure a speaker who can share his knowledge and insight on a specific area of our hobby. I am trying to plan these presentations about two months out to give us room to find alternate speakers as the need arises.

Additionally, don't be bashful about making a presentation yourself. It's lucrative – you get free parking and we'll even throw in a one-year membership to BARC.

Commercial Advertising Accepted

The SPARC accepts commercial advertisements. BARC encourages monthly promotion of your products and services which would be of interest to hundreds of our 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 column)	\$20. per issue
1 col x 9.5 in.	(full column)	\$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 walida@arrl.net or 508.650.9440.

Your Personal 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 information to Editor Paul Carter, N1TMF.

This space is left to your imagination

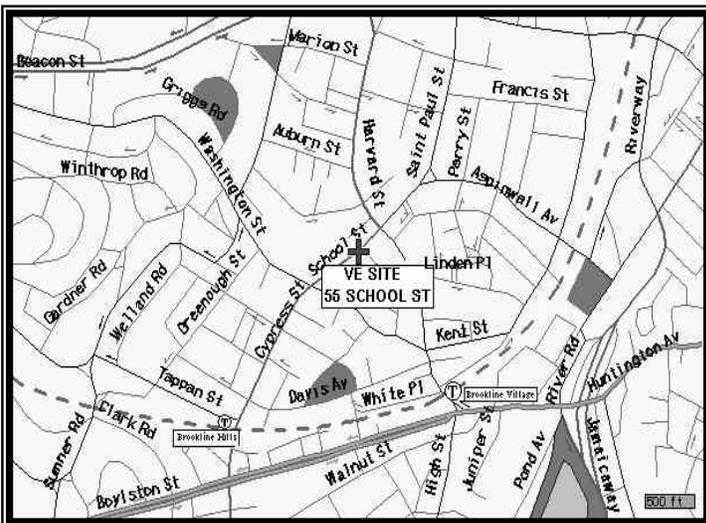
Think of the great weather now, and how it is just right for putting up another, bigger, better antenna.

Think of the coming winter, when that antenna you put up *does not* blow down because you did such a good job.

Of course, if it didn't blow down, it wasn't big enough. Think of next spring when you can put up an even bigger one.



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	Blake Haskell, K1BTH	781.925.9900	k1bth@ar1.net
Vice President:	Dan Malloy, KA1RDZ	617.387.6025	djmalloy@mwis.net
Secretary	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@ar1.net
Volunteer Exams	Mike Ardai, N1IST	781.321.7939	n1ist@ar1.net
	Dick Doherty, KA1TUZ	617.527.2968	ka1tuz@ar1.net
Membership	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@ar1.net
Public Service	Bob Salow, WA1IDA	508.650.9440	walida@ar1.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvctronics.com
Programs & Activities	Dan Malloy, KA1RDZ	617.387.6025	djmalloy@mwis.net

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 Boston Amateur Radio Club publishes *The SPARC* monthly with information in the interest of BARC and Amateur Radio. The design and content are Copyright © 2006, 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 non-commercial purposes for the benefit of the Amateur Radio community. Permission for other purposes must be obtained in writing.

Greater Boston Net Directory

Daily 5:30 pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
Daily 7 and 10 pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
Daily 8 pm	Eastern Mass 2M Traffic Net (NTS)	145.230 (PL 88.5)
Daily 8 pm	Slow Speed CW Net	28.160
Daily 10:00 pm	Heavy Hitters Traffic Net (NTS)	MMRA-linked repeaters: 146.610, 146.670, 146.715, 146.820, and all 222 and 440 repeaters
First Mon 8:30 pm	EMA Section ARES Net	146.610 and all MMRA links
Mon 9 pm	BARC Club Net	145.230 (PL 88.5)
Tue 8 pm	MMRA Club Net	146.610 and all MMRA links
Tue 9 pm	EMA Public Safety Net	145.230 (PL 88.5)
Wed 8 pm	Wellesley Amateur Radio Society Net	147.030; 444.600 (PL 88.5)
Wed 9 pm	HHTN Swap Net	146.640
Thu 8:30 pm	AMSAT Net	146.640
Sat 9 am	Northeast SATERN Net	7.265
Sun 9:30 am	Yankee SSB Net	50.275
Sun 7 pm	Youth Net	146.610 and all MMRA links
Sun 8 pm	Algonquin Amateur Radio Club Net	446.675 (PL 88.5)
Sun 8:30 pm	NSRA Net (with Newsline)	145.470

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

Simplex: 147.42

WHAT? NO GENERAL MEETING - AGAIN?

No, it isn't the heat – just vacations. There will be no BARC General meeting in August. There will be a bang-up meeting in September. Be there. More news in *The SPARC* for September.

The next General Meeting is:
21 September 2006 at 7:00 pm
at the Salvation Army Headquarters building
Third Floor Auditorium
Columbus Avenue at Berkeley Street
Boston
(Parking in the adjacent lot on Columbus Avenue)
Talk-in on 145.230 MHz (PL 88.5 Hz)

Help eradicate blank space!

Get your news, views, stories and other contributions for the September issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than September 8, 2006.

First CLASS Mail
Dated Material - Do Not Delay

POSTMASTER:
Forwarding Service Requested
Boston Amateur Radio Club
PO Box 15585
Boston MA 02215-0011
0608