



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XIX, Number 5; May 2007
<http://www.barc.org>
 w1bos@arrl.net



President's Letter

-- Hank Buccigross, K1QK

You Can Contribute to BARC via The SPARC!

BARC has well over 100 members many of whom have extensive and varied ham radio knowledge. We also have a sizeable number of newer hams. The question? How do we get the knowledge of the more experienced hams transferred to the newer ones? One way is via the BARC newsletter.

All BARC members receive *The SPARC*. I'll assume that most of us read it pretty thoroughly. Anyone can contribute an article. So, if you are an experienced ham who does, for example, CW, contesting, kit building, etc., why not write a few words for *The SPARC* describing these activities. Maybe you'll get someone else interested in one of your favorite ham radio activities.

At the May General Meeting: The World's Largest Radio Antenna

Cornell University and the US Government run the world's largest single-dish antenna facility at Arecibo, Puerto Rico. Jim Kile, WB2PID, and Charlie Bures, WA3ITR, will describe both its insides (Jim was a visiting radar scientist there) and its outsides (Charlie visited its new science center). This facility has seen both growth and change in its 40+ year history and you'll hear and see all about it. Join us if you can!

BARC now holds both General and Business meetings at Newton Police HQ in West Newton. Meetings start at 7:30 pm. Free parking is nearby and the location is handicap accessible. Maps are shown on page 7 of this newsletter. Talk-in is available on 145.230 MHz [-], 88.5 Hz.

If you have any ideas about topics that you would like to see presented, please feel free to contact one of your officers and we will see what we can do to make it happen for you. Remember, this is *your club* and we are here to serve you.

Future General Meeting Dates

(Third Thursdays at 7:30 pm)

- 17 May 2007 (*Note our excellent Newton location*)
- 21 June 2007
- (*No General Meeting in July and August – watch for other activities!*)
- 20 September 2007
- 18 Oct 2007

Nominations For Officers Are Open

The sequence is: the President appoints a Nominating Committee at the April General meeting; the committee reports at the May meeting; and we hold an election of officers at the June meeting. OK, so it's not nearly as complex as it seems. The focus is on the nominees, not so much on the nominating process.

The club needs officers as guides to meet the needs of you, the members. Whom do we pick? Why, the members who step forward, of course. Your interest and care are what count. The officer positions are not burdens, but a chance to lead the club for the members' benefit (including your own). With most of the past officers still around, help is at hand.

Nominate someone whom you think can do the job (with their permission). Nominate yourself if you can do it. The committee and its Chairman want to hear from you. Contact Bob Salow, WA1IDA, at wa1ida@arrl.net or 508.650.9440.

Boston Triathlon Cancelled

The Boston Triathlon, which had been held in early September for the past six years, will not be presented in 2007. Difficulty in making arrangements was the only reason given. We have supported the safety communications since its inception.

I See the Future

- | | |
|-----------|--|
| 13 May | BARC Breakfast |
| 14 May | BARC VE Session |
| 17 May | BARC General Meeting |
| 20 May | MIT Flea (Cambridge) |
| 1 Jun | HCRA Flea (Feeding Hills) |
| 3 Jun | Bikes Not Bombs (Bike Rides) (Rp) |
| 7 Jun | BARC Business Meeting |
| 17 Jun | MIT Flea (Cambridge) |
| 21 Jun | BARC General Meeting |
| 23 Jun | Field Day |
| 6 Jul | BARC Business Meeting |
| 15 Jul | MIT Flea (Cambridge) |
| 19 Aug | MIT Flea (Cambridge) |
| 15 Sep | RIFMRS Flea (Forestdale RI) |
| 16 Sep | MIT Flea (Cambridge) |
| 12-13 Oct | NEAR-Fest (Deerfield NH) |

(Rp) = BARC repeater(s) may be used

MS Walks a Radio Success

-- Bob Salow, WA1IDA

"This event could not have happened without you." So wrote the MS Society Coordinator of Volunteers, referring to the ham radio support for two of their walks on Sunday, 29 April. "MS stops people from moving. The National MS Society and you exist to make sure it doesn't. I so look forward to working with you again at future events."

The day was cloudy and very cool, but the walkers plodded on. The Multiple Sclerosis Society had two concurrent events on 29 April: one, the usual Boston Walk from near Harvard Stadium, around the river and back. The other, the Journey of Hope from Wellesley to the same finish. We established a single Net Control at Harvard and monitored the safety and support of all the walkers as they raised a generous lot of money for research.

Hams were posted at the checkpoints, at the hazardous and confusing locations, and with key sponsor staff members. As in recent years, these Walks also provide experience for new hams to participate in public service events. Hams participating were:

Brenda	KB1MVJ	Ross	KB1MGD
Steven	KB1NGY	Rick	KB1LYJ
Arthur	N1NHZ	Kathy	KB1LPW
Bill	KA1MOM	Bob	WA1IDA
		Chuc	
Jim	KB1JKJ	k	W1SKT
Tom	N1TB		

Run of the Charles Paddled Smoothly

-- Bob Salow, WA1IDA

In the quarter century of the Run of the Charles canoe and kayak races, BARC has coordinated ham communications for all but the first.

The last Sunday in April brings out hundreds of canoes, kayaks and over 1000 paddlers to glide down the Charles River between Needham and Brighton, sponsored by the Charles River Watershed Association. The river is interrupted numerous times by dams with dangerous consequences. That's where hams come in - along with CRWA volunteers, the safety of the participants was monitored by 19 devoted hams. We supported the portages and the logistics of the event under a gray and very chilly sky. The hams who helped were:

Chris	K1HU	Dave	KB1KMA
Allan	K1VQ	Ralph	N1LAH
Paul	N1LRT	John	KB1EB
Gary	N1ZCE	Fred	KB1LLO
Jeff	KB1NGX	Eric	K1NUN
John	N1FLO	Al	N1QEH
Bose	VU2XIB	Mike	N1EVH
Jim	KB1MZE	Jeff	K1EMS
Dave	W1BWX		

Did you notice that the two above articles referred to three separate public service events on the same day? Three collocated

stations using only two operators handled all Net Control communications.

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 2007 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@arri.net or 508.650.9440.

- *Bikes Not Bombs* - **3 June** - Triple bicycle rides in Boston and suburbs.
- *WGBH Ice Cream FunFest* - **September** - Logistics management; ham radio public awareness in Boston.
- *BAA Half Marathon* - **7 October** - 13.1 miles; 98% in Boston, 2% in Brookline.
- *SKYWARN Recognition Day* - **1 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.

SKYWARN Training Schedule

-- Rob Macedo, KD1CY, EMA Section Emergency Coordinator

Training sessions for SKYWARN spotters in Greater Boston have been announced for 2007.

12 May Saturday 1200 to 1500
Marlborough EOC
215 Maple St
Marlborough, MA

SKYWARN is a program sponsored by the National Weather Service (NWS) to increase information regarding surface weather conditions during critical weather events. Instruction is provided to spotters to identify and report critical ground weather information to NWS. SKYWARN is supported by a well-organized ham radio activity. Hams play an important role in these observations, however, it is not necessary to be an Amateur Radio operator to take this valuable training.

The current confirmed list of sessions can be seen at the following link:

www.wx1box.org/mod.php?mod=userpage&menu=8&page_id=1

Simplex: 147.42

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

Why My SkyCommand Demonstration Failed at the April General Meeting

or

Don't You Just Hate It When Things Go Right?

-- Eric Falkof, K1NUN

So, there you were at the April General meeting when I showed off the SkyCommand system. You saw I could change the HF rig's frequency and mode. A different radio could use it, but you did not see the UHF signal get transmitted to HF, nor did you see an HF signal come back to the VHF receiver. Let me show you what went wrong. And right!

Using my dual-band HT, I could command the TS-2000 to do those things it is supposed to do - except for that final link of transmitting to HF. Well, duh, the obvious situation (only obvious when I got home and trouble-shot the system) was that I bumped the VFO knob off frequency, so the HT's signal was not heard by the '2000. All the right lights blinked, but the receiver was somewhere else. I adjusted that back again on the table. So much for that.

This also meant that the separate FT-817 radio could not hear the signal that was off frequency. So, it appeared that nothing was working on the HF side of the operation. But the frequency adjustment of the '2000 and the '817 corrected for that. Technically, that is.

But no! Something else was going right and we did not know it!

Recall that the TS-2000 and the FT-817 were both connected to dummy loads, for convenience and to avoid stringing real antenna wires. Think, now, what is the purpose of a dummy load? It represents a constant impedance across its range to a resonant circuit without radiating. Reread those last two words: "without radiating."

The HF signals transmitted by the TS-2000 could not be heard by the FT-817, even from only a few feet, because the dummy load was not radiating. In fact, the dummy on the '817 was so good, it prevented reception of nearby signals as well! This means the dummy loads (the '817's in particular) were doing their jobs. Had they been less efficient and effective, the demonstration would have appeared successful. But as it was, you'll have to take my word that it's working at my home again.

Don't you just hate it when you think something is wrong when something else is right? Just like Murphy to throw a sucker punch like that.

Orange Caps for 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, and proclaim, "Emergency Communications."

The price is \$5.00, and they are available at club meetings, or contact Jim, N1ICN, or Bob, WA1IDA.

Field Day 2007 and BARC in General

Of what value is the club's participation in Field Day? Some say we gotta because tradition carries a lot of weight. Some say that as a contest it is of no interest. Some say that for an urban area, the use of HF for emergencies is impractical - that we would never be asked to set up such a station in the field. Some say the equipment is reliable enough not to justify the labor of setting up in bad weather. Then there is the problem of setting up and finding enough people to help tear down.

Bet you have a thought or two about some of the issues above. Field Day has been an annual, national event since the mid-1930s. It is promoted as a demonstration of emergency readiness operated as a contest, yet we may consider the logistical sense of our own form of readiness.

Tie these factors into the reason and progress of BARC. We are at the point of decision, not only of Field Day or not, but of positive direction for the club. We have strength and fortitude, but we may still need a compass. **The May General meeting will be for listening to your ideas - good, bad, but not indifferent.** Members, your help is vital to the existence of our club.

This discussion is open to all. The meeting will be on **Thursday, 17 May starting at 1930** at the Newton Police HQ. Join in and help make the club work for you.

WORLDWIDE DISTRIBUTION



224 N. Broadway - Ste. D12
Salem, NH 03079
(603) 898-3750 • 800-444-0047
(603) 898-1041 Fax

ANAHEIM, CA • ATLANTA, GA • BURBANK, CA • DENVER, CO
NEW CASTLE, DE • OAKLAND, CA • PHOENIX, AZ • PORTLAND, OR
SALEM, NH • SAN DIEGO, CA • SUNNYVALE, CA • WOODBRIDGE, VA

Update - Red Cross Background Checks

-- ARES E-Letter, 18 April 2007

The position of the Red Cross is that ARES volunteers would not be permitted to provide communications at a disaster site for more than seven days without submitting to the Red Cross background check procedure. ARRL's stated concern was that the ARC background investigation consent form states that a consumer report and/or an investigative consumer report - which includes certain credit checks and includes mode of living checks - will be obtained on the volunteer signing the form.

The ARRL asked if the Red Cross would be willing to modify the consent form so that it limits the authority granted by the person signing the form to criminal background checks only. The Red Cross representatives did not indicate a willingness to modify the consent form.

ARRL reiterates its recommendation that members carefully review any consent document permitting a private organization to conduct a background investigation on that person. The current Red Cross background check consent form does include permission, without further consent from the volunteer, to conduct a consumer report and/or an investigative consumer report. The Federal Trade Commission and Federal statutes define investigative consumer reports as including a mode-of-living check as well as certain credit checks.

ARRL will not suggest what organizations or agencies should or should not be supported by volunteer Amateur Radio communications. ARRL does wish to facilitate the provision of volunteer services, however.

Minutes of the BARC Business Meeting

3 May 2007; Recorded by Bob Salow, WA1IDA, Acting Secy.

The meeting was called to order at 1931.

Those attending:

Arthur Ashley	N1NHZ	
Hank Buccigross	K1QK	President
Jim Clogher	N1ICN	Treasurer
Bob Salow	WA1IDA	

Committee Reports-

Newsletter Bob said the folding will not need additional help this month since there is no insert yet for Field Day, and the volume is easy to handle.

Treasurer Jim reported the bank balance is \$3518.78.

Public Service Bob reported on the difficulty and the success of planning and managing three concurrent events this past Sunday, two for the Multiple Sclerosis Society and one for the Charles River Watershed Association. The next event is the bicycle rides for Bikes Not Bombs on Sunday, 3 June. Also noted was the cancellation of the Boston Triathlon, usually in early September.

Asset Disposition Hank indicated that the committee has completed a report showing the anticipated value of all items which would be considered for retention or disposal. The committee has been authorized to proceed with a disposition plan for excess assets.

Succession and Nominating Bob reported that no nominations have been offered from the membership. The committee is having difficulty preparing a slate.

General Business Matters-

Regarding the New Ham handout, Arthur has compiled ideas and paragraphs from various sources and is attempting to compile them into a readable entity.

Field Day plans are subject to discussion at the May General meeting. We have authorization from the Town of Brookline for the use of Larz Anderson Park for the weekend (or any part we wish to use). There is presently a general agreement that we give strong consideration for Saturday daylight only, and that the club will set up one station. Any operator(s) who wish to go beyond that must supply their own complete station with the club's encouragement, but without planned club support. Certain club support may be available only by prior agreement.

There being no further business, the meeting adjourned at 2210.

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, June 7 (first Thursday of the month), starting at **7:30 pm**. **Meetings are held at the Newton Police Headquarters**, 1321 Washington St, West Newton. There is ample parking on-the street and in nearby public lots. Maps appear on page 7 of this newsletter.

Talk-in is available on 145.230 MHz [-], CTCSS 88.5 Hz.

Future Business Meeting Dates

(First Thursday at 7:30 pm)

7 June 2007 (*Note our excellent Newton location*)
5 July 2007
2 August 2007
6 Sep 2007
4 Oct 2007

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

Simplex: 147.42

PowerPole Connectors and Tool Available

Anderson® PowerPole® connectors are the standard for ARES and most other ham uses. They allow reliable, interchangeable power connections. BARC has the special tool to make the crimped connections. We have a supply of the connector bodies and contacts to enable each member to have two full sets free. Additional connector pairs are \$1/pair.

Tools and connectors can be available at any meeting for installation, instruction, and assistance. Contact Bob, WA1IDA, before the meeting and the kit will be brought.

The Bikes Ride Again – Hams Needed

After years of sponsoring bicycle rides to benefit youth bicycle programs, the Bikes Not Bombs organization of Boston realized the value of reliable communications. BARC has been asked to assist this event again this year. The date is **Sunday, 3 June**.

There are three concurrent ride courses - 15 mile, 25 mile, and 62 mile; each with separate rest stops and support vehicles. 200 riders are expected, and we are tasked with monitoring the rest stops, follow vehicles and a few shadows. New this year, all rides start in a park near the Stony Brook T Station (Orange Line). There will be no assignments on the streets.

The finish for all rides will again be at Mississippi's Restaurant where cars can be parked for the day in a secure lot. Transportation will be provided to the outlying rest stops, but you may proceed directly if you wish. The shorter courses should be finished by 1400 and the longest course should finish by 1630. The restaurant provides a gourmet dinner buffet in the afternoon. Note that our gourmand food testers have declared this feed to be superb.

We want to demonstrate the community value of ham radio. If you can help, please contact: Bob Salow, WA1IDA - walida@arrrl.net or 508.650.9440



**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

BARC VE Sessions

The Boston Amateur Radio Club usually holds monthly VE sessions on the second Monday of each month, except in July and August. Sessions are held at 7:00 pm at the Pierce School, 50

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

School St in Brookline, Room 110, next to the cafeteria. A map is shown on page 7.

If the Brookline public schools (or the Pierce School itself) is closed due to inclement weather or other problems, the exam session for that month will be canceled.

There is a free parking garage at the circular driveway. If driving, enter School St from the Washington St side (opposite 394 Washington), rather than from Harvard St. Check: www.barc.org/barc/school_map.gif : for more info.

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

Talk in on 145.230 MHz (-), PL 88.5 Hz.

We give all exams (Technician, General and Extra, CW and written). 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 CSCEs you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- **\$14.00** (good for all the tests you take at that session, except for retests)
- Code and written tests can be taken together at the same session for the same \$14 fee.

The needed FCC forms will be provided.

For further information, contact:

Mike Ardai, N1IST, 781.321.7939 n1ist@arrrl.net
Dick Doherty, KA1TUZ, 617.527.2968 ka1tuz@arrrl.net

Future Exam Dates

(Second Mondays at 7:00 pm)

14 May 2007

11 June 2007

(Exams omitted in July and August)

10 September 2007

No Morse Code - More VEs Needed

The elimination of Morse code for Amateur Radio licenses has led to a flood of new hams and upgrades. Volunteer Examiners are needed to help with the BARC VE sessions. Most of the time we have at least the required three, but sometimes more may be required, especially if one of the regulars can't make it. If you are an ARRL-accredited VE, please contact Mike, N1IST, at n1ist@arrrl.net and let him know when you might be available.

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

Simplex: 147.42

special welcome. There may also be some upgrades and long lost members who rejoin, so greet them, too.

Bill Corbett N1QIK Upgrade to General

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 .

Lightning Safety Preparedness

-- Extracted from National Weather Service Public Information Statement

Lightning Safety Outdoors

Each year about 400 children and adults in the United States are struck by lightning. About 80 people are killed and several hundred more are left to cope with permanent disabilities. Many of these tragedies can be avoided.

Lightning often strikes as much as 20 miles away from any rainfall. At least 10% of lightning occurs without any visible clouds in the sky - just blue sky. Many lightning fatalities occur ahead of the storm. You are in danger if you can hear thunder. That means lightning is close enough that it could strike your location at any moment. On average, 20% of lightning strike victims die, 80% survive, but 70% of them suffer serious long-term effects.

Here are some lightning safety rules.

1. Postpone activities promptly and do not wait for the rain. Go quickly inside a completely enclosed building - not a carport, open garage or covered patio. If no enclosed building is available, get inside a hard-topped metal vehicle. The steel frame of the vehicle provides protection if you are not touching metal.
2. Be the lowest point. Lightning likes to strike the tallest objects. In general however, you should avoid trees. If you are in an open field like a farm or on a baseball or soccer field you are the tallest object. If you cannot get to an enclosed building or vehicle, crouch down on the balls of your feet.
3. Keep an eye to the sky for darkening clouds and listen for thunder. If you can hear it go to a safe shelter immediately.
4. Get off bicycles and motorcycles. Do not lean on vehicles.
5. Water is a great conductor of electricity. Get out of the water and off the beach. Do not stand in puddles even if wearing rubber boots.
6. Avoid metal. Do not hold golf clubs, fishing rods, or tools. Large metal objects can conduct lightning. Small metal objects such as belt buckles can cause burns.
7. Stay several yards away from other people. Do not share a bleacher or bench or huddle in a group.

8. Listen to NOAA weather radio. First, to find out if thunderstorms are in the forecast. Next, listen to short term forecasts about thunderstorm activity, damaging winds and large hail in addition to lightning strikes.

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 to Editor Paul Carter, N1TMF.

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. Breakfast is served from 0800 to 1130.

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 (seniors get a discount).

The Old Country Buffet is in the Watertown Mall, 550 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 to Waltham stops right at the Watertown Mall. For you GPS people: 42°, 21', 51.1" N; 71°, 09', 28.5" W. We hope to see all of you there - and bring your appetite!

Your Company Can Advertise Here

The SPARC accepts commercial advertisements. BARC encourages monthly promotion of 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.

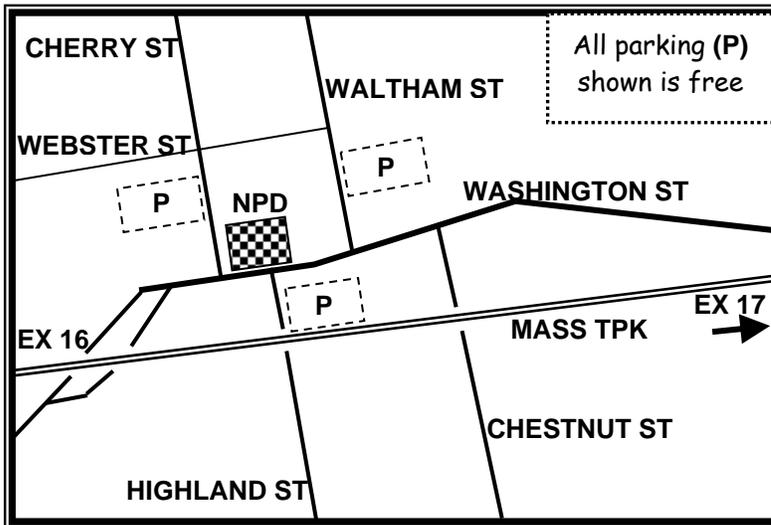
For additional information, contact Paul Carter at n1tmf@pvctronics.com or 617.232.6982; or Bob Salow at walida@arrl.net or 508.650.9440.

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

Simplex: 147.42

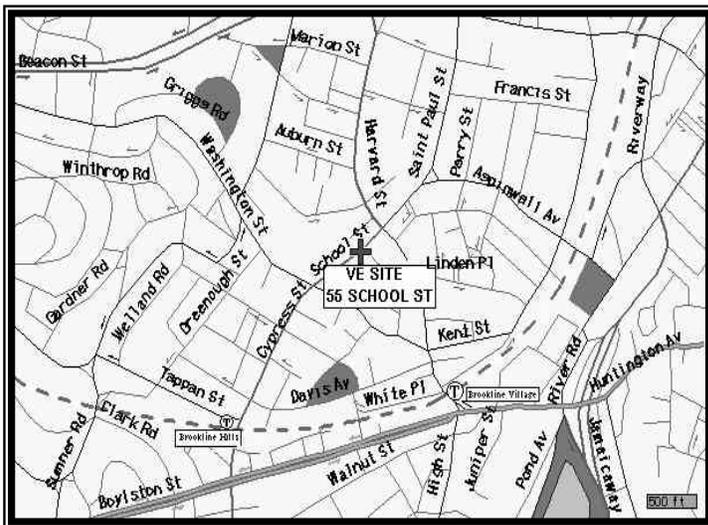
This space is blank because The SPARC needs
you to write an article for us. Working on a project?
Talk to an unusual station? Solve a problem?
Operate from a strange place?

Were you clever (and no one knows about it)?
The rest of the club wants to know what you know.
Don't worry about writing style or spelling. The
Editor takes care of that.



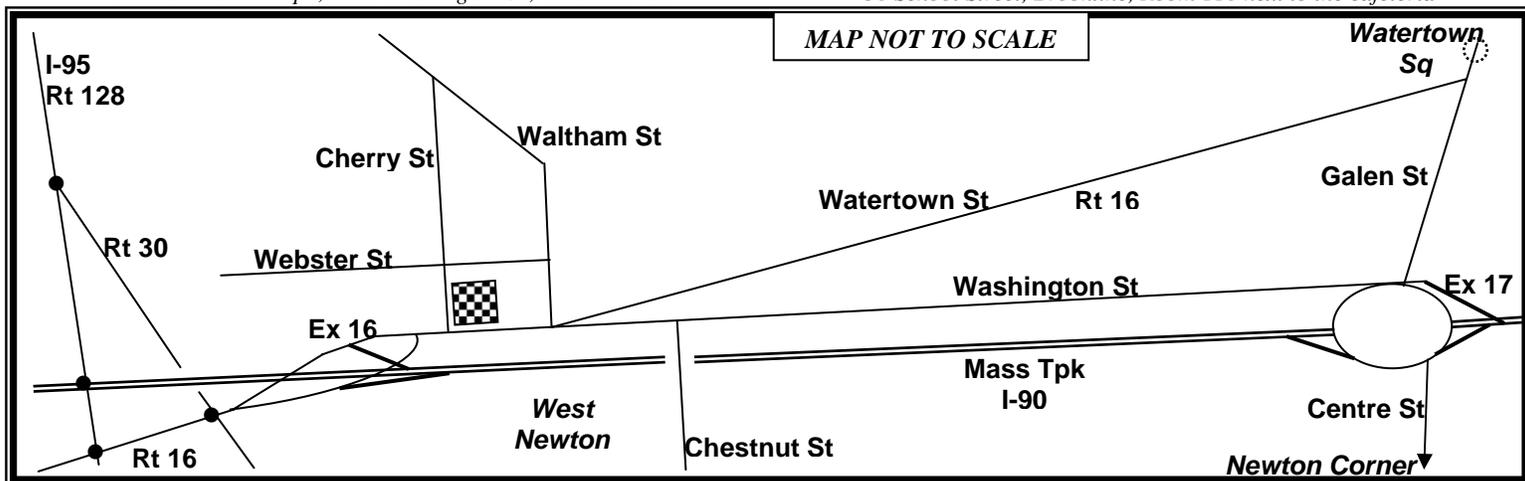
BARC Meeting Location

Newton Police Dept., 1321 Washington St., West Newton



VE Session – Pierce School

50 School Street, Brookline, Room 110 next to the cafeteria



Wide area map to BARC Meetings at Newton Police Dept.

BARC Officers and Staff

President	Hank Buccigross, K1QK	781.862.0418	k1qk@ar1.net
Vice President	Mark Duff, KB1EKN	781.749.7664	emgmt@comcast.net
Secretary	Paul Olivieri, N1ZKR	617.782.4005	n1zkr@juno.com
Treasurer	Jim Clogher, N1ICN	617.364.4658	n1icn@ar1.net
Volunteer Exams	Mike Ar dai, N1IST	781.321.7939	n1ist@ar1.net
	Dick Doherty, KA1TUZ	617.527.2968	ka1tuz@ar1.net
Membership Services	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@ar1.net
Public Service	Bob Salow, WA1IDA	508.650.9440	wa1ida@ar1.net
Newsletter Editor	Paul Carter, N1TMF	617.232.6982	n1tmf@pvctronics.com
Programs & Activities	Eric Falkof, K1NUN	508.358.4554	k1nun@netscape.net
	Phil Temples, K9HI	617.331.0183	phil@temples.com

The Boston Amateur Radio Club is a non-commercial association of persons interested in the Amateur Radio Service. The Club is organized for the promotion of interest in Amateur Radio communication and education, for the establishment of emergency communications in the event of disasters or other emergencies, for the advancement of the radio art and the public welfare, for the representation of the radio amateur in legislative and regulatory matters, and for the maintenance of collegiality and a high standard of conduct.

The Club is open to all persons interested in Amateur Radio without regard to race, color, religion, creed, national origin, gender, disability, or sexual preference. Our General and Business meeting locations are handicap accessible. Other meeting and activity locations may be handicap accessible by arrangement.

The Club is an ARRL-affiliated Special Service Club, and is a member of the Council of Eastern Massachusetts Amateur Radio Clubs (CEMARC), and the New England Spectrum Management Council (NESMC). The Club is a participant in Partnerships Advancing Technical Hobbies Which Attract Youth to Science (PATHWAYS). The Club is also an associate member of the Courage Handi-Hams system.

The Boston Amateur Radio Club publishes *The SPARC* monthly with information in the interest of BARC and Amateur Radio. The design and content are Copyright ©2007, 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.

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

Simplex: 147.42

IT'S BIG - REEEALY BIG!

The world's largest single-dish antenna is at Arecibo, Puerto Rico. Jim Kile, WB2PID and Charlie Bures, WA3ITR have been there – inside and out. Who better to give us (and show us) a description of the scientific advancements in place there? Come to the meeting and find out.

The next General Meeting is:
17 May 2007 at 7:30 pm
at the Newton Police Headquarters
Community Room
1321 Washington Street
West Newton
Parking in nearby lots
Talk-in on 145.230 MHz [-], (CTCSS 88.5 Hz)

Help eradicate blank space!

Get your news, views, stories and other contributions for the January issue of *The SPARC* to Editor, Paul Carter, N1TMF, no later than June 8, 2007.

First Class Mail
Dated Material - Do Not Delay

POSTMASTER:
Forwarding Service Requested
Boston Amateur Radio Club
PO Box 15585
Boston MA 02215-0011
0705