



The SPARC

Newsletter of the Boston Amateur Radio Club

Volume XIX, Number 1; January 2007

<http://www.barc.org>

w1bos@arrl.net



President's Letter

-- Hank Buccigross, K1QK

No More Excuses

The end is near! Or is it a new beginning? One way or the other there soon will be no excuse for all those Technician class amateurs not upgrading to General and Amateur Extra class [ARRL Letter, December 22, 2006]. You all know the excuse; "I can't learn that %\$#&* Morse code."

The code is dead; (or soon will be as far as license examinations are concerned). Long live the code; because it is far from dead as far as fun and utility is concerned. But that's a subject for another column.

So with no more excuses we hope to see all the club Technicians study up for the General and then the Extra exams. In the near future when the 5 wpm Morse code requirement is lifted you will be ready to take the exams to upgrade your licenses. The written exam question pool has been updated to include the spectrum changes, such as the expansion of the phone portion of the 40 and 80 meter bands that took effect on December 15, 2006. Be sure that you include these changes in your materials when you begin to study for your upgrade. See the ARRL Letter of December 15, 2006 for details of the changes. The entire question pool is available on the ARRL web site.

With the expectation that the code requirement will be lifted as soon next month, many of you may be inclined to take the written exam sooner rather than later. Assuming passage of the exam, you might apply for the upgrade when the rule actually takes effect. Yes this will work. The only drawback is that it will cost an additional \$14.00 to apply for the upgrade at a session other than the one where the exam was taken. Your best bet to save \$14.00 is to be a little patient, begin studying now, but wait until the code requirement is officially lifted. Then take the exam. The best guess is that by the time our March VE session rolls around the code requirement will be *history*.

N1ICN Named BARC Ham of the Year

Jim Clogher, N1ICN, was named BARC Ham of the Year for 2006 by membership vote. The presentation of a plaque was made at the Holiday Party on 13 December. Jim has been the BARC Treasurer for many years with no sign of malfeasance. Of course he has many other qualities to suggest that he was an outstanding choice. He has always been ready to help at public service events and supports the club in many internal functions. Hearty congratulations and thanks to Jim.

See How Easy It Is at the January Meeting

The EasySats are easy to use. Receiving FM signals from space is also simple. Miles Mann, WF1F is a first-hand authority who manages and schedules technology for the International Space Station (ISS). Miles will introduce us to the EasySats and the ham radio facilities on the Shuttle and on the ISS at the BARC meeting on 18 January.

Miles will tell us about Slow Scan Television (SSTV) in space and how to receive FM signals from space with simple, base-type equipment. He may also bring some gear to demonstrate his points. There are also some future space station ham projects he will let us in on.

Miles introduced the software concept and demonstrated the initial prototype SSTV setup with acceptance by ARISS/ARRL/AMSAT groups. He wrote the initial specifications for SpaceCam1 and manages developments and changes.

BARC's January General Meeting will be held on 18 January, at 7:30 pm at the Newton Police Headquarters, 1321 Washington Street, West Newton, MA. There is ample nearby parking and the location is handicap accessible. Maps are shown on page 7. Talk-in is available on 145.230 MHz [-] 88.5.

Upcoming February General Meeting

Len Long, W1ZTL – one of the earliest BARC members – has established a workshop/laboratory in his basement for any club member in which to build, experiment, think about, or just visit each Tuesday evening. Len will tell us about projects and learning that have gone on there, and invite you to check it out.

Future General Meeting Dates

(Third Thursdays at 7:30 p.m.)

18 January 2007 (*Note our new Newton location*)

15 February 2007

15 March 2007

19 April 2007

17 May 2007

21 June 2007

When confronted by a difficult problem, you can solve it more easily by reducing it to the question, "How would the Lone Ranger handle this?"

Only the mediocre are at their best all the time.

Band Plan Changes

-- ARRL Letter, 15 December 2006

The Amateur Radio frequency allocation chart at:

www.arrl.org/FandES/field/regulations/bands.html and the ARRL Band Plans at:

www.arrl.org/FandES/field/regulations/bandplan.html have been updated to reflect the band changes. Revised FCC Part 97 Amateur Service rules reflecting all changes detailed in the FCC Report and Order in WT Docket 04-140, also are available at: www.arrl.org/FandES/field/regulations/news/part97/.

<i>75/80 M</i>	<i>OLD PLAN</i>	<i>NEW PLAN</i>
3.590	RTTY DX	RTTY/Data DX
3.580-3.620	RTTY	3.570-3.600: RTTY/Data
3.620-3.635	Packet	Delete
3.790-3.800	DX Window	No change
3.845	SSTV	No change
3.885	AM calling freq	No change
<i>40 M</i>	<i>OLD PLAN</i>	<i>NEW PLAN</i>
7.040	RTTY DX	RTTY/Data DX
7.080-7.100	RTTY	7.080-7.125: RTTY/Data
7.171	SSTV	No change
7.290	AM calling freq	No change
<i>15 M</i>	<i>OLD PLAN</i>	<i>NEW PLAN</i>
21.070-21.100	RTTY	21.070-21.110: RTTY/Data
21.100-21.110	Packet	21.070-21.110: RTTY/Data
21.340	SSTV	No change

FCC To Eliminate Morse Code As Exam Requirement

-- ARRL Letter, 22 December 2006

The US will join the growing list of countries that no longer require Amateur Radio applicants to pass a Morse code test as the entry ticket to HF. The best estimate of when the Morse code requirement will go away officially is sometime in February (30 days after the R&O appears in the Federal Register).

"We... believe that the public interest is not served by requiring facility in Morse code when the trend in amateur communications is to use voice and digital technologies for exchanging messages," the FCC said in its R&O. "Rather, we believe that because the international requirement for telegraphy proficiency has been eliminated, we should treat Morse code telegraphy no differently from other Amateur Service communications techniques." The FCC says it deems the current regime of written examinations "sufficient to determine whether a person is qualified to be issued an Amateur Radio operator license."

The FCC also ordered that all Technician licensees present and future - whether or not they've passed a Morse code test, will get privileges on 80, 40, 15 and 10 meters identical to those of Novice licensees. "In eliminating this disparity between Technician and Technician Plus licenses, we are simplifying the Amateur Service licensing structure and promoting regulatory parity," the FCC said. The Commission further amended Part 97

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

"to authorize Amateur Extra class privileges to all individuals who have been issued a CEPT radio-amateur license by their country of citizenship, and who satisfy other requirements in the Commission's rules."

ARRL CEO David Sumner, K1ZZ, pledged that the League would maintain its traditional support of Morse code as an operating mode and would continue to offer Morse training materials as well as such incentives as bonus credit for CW contacts in ARRL-sponsored operating events. ARRL's Hiram Percy Maxim Memorial Station W1AW will keep its schedule of Morse code practice and bulletin transmissions. Sumner said other countries have successfully made the transition to a codeless testing regime, and he doesn't anticipate problems in the US.

The pending disappearance of the Morse code requirement seems to have rejuvenated the urge to upgrade. The distribution of General Class license training materials has skyrocketed in the week after the FCC announcement. The ARRL has posted information relevant to the FCC action in WT Docket 05-235, including an FAQ, on its Web site: www.arrl.org/fcc/morse/.

New ARRL Newsletter - For Clubs

-- Arthur Ashley, N1NHZ

Clubs now have a new planning and program aid. ARRL has started a newsletter specifically to share information among clubs. The December and January issues were interesting and helpful.

To subscribe, ARRL members first must register on the Members Only Web Site: www.arrl.org/members/ You'll have an opportunity during registration to sign up for email delivery of the *ARRL Club Newsletter*. Note that you must be logged into the site to access this page. Scroll down and check the box for "ARRL Club News (monthly news of interest to Amateur Radio clubs)" and you're all set.

Past issues of The ARRL Club News are available at: www.arrl.org/FandES/club/clubnews/.

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. We hope to see all of you there - and bring your appetite!

Monday is the root of all evil.

It's Membership Renewal Time

Simplex: 147.42

The BARC fiscal year is the calendar year, so our membership renewal process has begun again. If you have not yet renewed for 2007, the Membership Information form for 2007 is included with this issue of the newsletter. We need your support to help you get the most out of ham radio. Our club is one of the strongest and best around; your help is needed to keep it growing.

Please help the Treasurer by renewing promptly. Also, please consider receiving the newsletter electronically to save BARC significant money. You can complete the form online (at our website) and use PayPal or your mailed check. Or you can fill out the hard copy and mail it with your check to the address shown, or bring it to the club meeting. Of course, we would love to see you at the meeting(s).

Pay For Your Membership On-Line

BARC now accepts PayPal. If you want to fill out your membership on-line, just go to www.barc.org/membership.html or click on the membership link on our home page. You can use this to pay for membership or make donations with a credit card (even if you do not have a PayPal account), from your PayPal funds, or from your linked bank account. Our PayPal address is w1bos@arri.net.

You Can Get Your Newsletter Hot Off the Wire!

In an effort to conserve club resources, we are offering early access to *The SPARC* online, which also saves the costs of paper, printing and postage. Even if you have already renewed your 2007 membership, but neglected to check to accept receiving the newsletter online, all you need to do is send an email to the Keeper of the Database at walida@arri.net. Let him know you want to help BARC save money.

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 online publication.

It's The Computer's Fault... or Was It?

Maybe it was a slip of a click, but the sad result was that most of the BARC database was wiped out last November, including most backups. By extracting bits and pieces from the remaining scraps, and reviewing the paper records, much of the membership information has been reconstructed. Having started with a deficit of hair, the hair pulling was minimal.

To get the database back on track, when you renew (or join) and fill out the 2007 Membership Information form, *please help by filling out all areas completely and legibly* so your information can be reentered correctly.

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



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. 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.

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 Street 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 thru 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@arri.net

Dick Doherty, KA1TUZ, 617.527.2968 ka1tuz@arri.net

Future Exam Dates

(Second Mondays at 7:00 pm)

12 February 2007

12 March 2007

9 April 2007

Simplex: 147.42

Minutes of the BARC Business Meeting

January 4, 2007; Recorded by Paul Olivieri, Secretary

The meeting was called to order at 1930.

Those attending:

Hank Buccigross	K1QK	President
Mark Duff	KB1EKN	Vice president
Arthur Ashley	N1NHZ	
Jim Clogher	N1ICN	Treasurer
Mike Ardai	N1IST	
Dick Doherty	KA1TUZ	
Paul Olivieri	N1ZKR	Secretary
Bob Salow	WA1IDA	
Rick Hampton	WD8KEL	
Rick Erlandson		

The minutes of the December 7, 2006 meeting were accepted as published in *The SPARC*.

Committee reports:

Exams The next exam session will be on January 8, 2007. Exams have been updated to reflect changes to the amateur rules made by the FCC in December 2006

Membership Arthur had an inquiry from someone who wanted to know if he was a current member (he was).

Treasurer Jim reports a balance of \$2144.71. A number of membership renewals that have since been received and will be deposited to the account are not included in this balance.

Newsletter The January issue of *The SPARC* will be sent to all by mail with a Membership Information form. The "folding session" to prepare all this mailing will be at the CambridgeSide Galleria on Wednesday, January 10 at 1830 in the food court area.

Public Service Bob, WA1IDA, reports that he has the date for the Boston MS Walks and the Run of The Charles canoe race - both to be on April 29. There is likely to be a geographic conflict.

Programs and Activities The January General meeting speaker will be Miles Mann, WF1F, talking about space communications.

Repeater The repeater seems to be working okay again - the "gronking" has stopped.

Old business:

Alternate meeting site - no discussion at this time.

Bylaws The major change needed is the beginning of the term of office for those elected at the June election. An article stating the proposed changes will be printed in the January newsletter. It is planned to vote on this bylaw change at the February 2007 General meeting.

Boston PD /Boston EMA items - Blake, K1BTH, is addressing the issues with the agencies concerned.

New Business:

New Ham follow-up and Elmering Arthur will write an article for *The SPARC*.

Field Day Held June 23 & 24, 2007 (fourth full weekend in June). It was noted that since so many members are active on VHF/UHF, we might emphasize that aspect. It was suggested that maybe we could have a Saturday only event. Mark, KB1EKN, pointed out that we still would need to deal with the logistics of the event: generators, food, shelter, transportation, etc. A short article and invitation will appear in a later newsletter and time will be dedicated at the February BARC Business meeting to discuss Field Day and outline a plan.

Monday night BARC net There was discussion about how to stimulate more involvement and participation on this net.

There being no further business, the meeting adjourned at 2145.

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, February 1 (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)

1 February 2007 (*Note new Newton location*)
1 March 2007
5 April 2007
3 May 2007
7 June 2007
5 July 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.

Nick D'Apice	VK2NDA / KI4SIL	
Ken Lind	W1HGS	
John Mullaney	KB1NZY	
Nora Nagle	KB1OHB	
Ted Reimann	KB1NTJ	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 upgrades and 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 .

Winter vs. Meetings

A touch of winter has been upon us – even before the solstice. There's more to come – which raises the possibility of meeting cancellations due to fierce winter conditions.

Our early warning system: Official announcements will be made – at least by 1700 before scheduled meetings – on the Boston repeater (145.230 MHz) and by a message on barc-list. Someone will be designated to monitor the repeater for inquiries. Please stay safe by checking before starting out to a meeting.

I See the Future

14 Jan	BARC Breakfast
18 Jan	BARC General Meeting
1 Feb	BARC Business Meeting
11 Feb	BARC Breakfast
12 Feb	BARC VE Exams
17 Feb	AARC Flea (Marlborough)
24 Feb	RANV Flea (Milton VT)
31 Mar	IRS Flea (Londonderry NH)
1 Apr	FARA Flea (Framingham)
15 Apr	MIT Flea (Cambridge)

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 PBBs regularly. If needed, contact any club member who has access to these.

Your Company Can Advertise Here

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@pvcronics.com or 617.232.6982; or Bob Salow at walida@arrrl.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 to Editor Paul Carter, N1TMF.

WORLDWIDE DISTRIBUTION



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Hunting all VEs

-- Mike Ardai, N1IST

We are looking for VEs to help with the BARC VE sessions. Most of the time we have at least the required three, but sometimes we may need some more, especially if one of the regulars can't make it. If you are an ARRL-accredited VE, please drop a note to Dick, KA1TUZ at ka1tuz@arrrl.net and let him know when you might be available to assist.

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.

For every winner, there are dozens of losers. Therefore, the odds are you're one of them.

On the keyboard of life, always keep one finger on the escape key.

When all else fails...

Amateur Radio

W1AW 2007 Winter Operating Schedule - Revised

-- ARRL Bulletin 001, 2 January 2007

Morning Schedule:

Time (UTC)	Mode	Days
1400	CWs	Wed, Fri
1400	CWf	Tue, Thu

Afternoon/Evening Schedule:

Time (UTC)	Mode	Days
2100	CWf	Mon, Wed, Fri
2100	CWs	Tue, Thu
2200	CWb	Daily
2300	RTTY	Daily
0000	CWs	Mon, Wed, Fri
0000	CWf	Tue, Thu
0100	CWb	Daily
0200	RTTY	Daily
0245	Voice	Daily
0300	CWf	Mon, Wed, Fri
0300	CWs	Tue, Thu
0400	CWb	Daily

Frequencies (MHz):

CW: 1.8175, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 147.555

RTTY: - **3.5975**, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555

Voice: 1.855, 3.990, 7.290, 14.290, 18.160, 21.390, 28.590, 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 Baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from *QST*, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC, Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC Thursdays and 0100 UTC Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half-hour.

The W1AW Operating Schedule may also be found on page 102 in the November 2006 issue of *QST* or on the web at www.arrl.org/w1aw.html.

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC

1800 UTC to 2045 UTC

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC, and then from 1800 UTC to 2045 UTC, Monday through Friday. The station is closed 1700 to 1800 UTC. Be sure to bring your current FCC amateur license or a photocopy.

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 145.230 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.

You Can Make Our Meetings Interesting

What does it take? It takes your ideas. Did you read about a topic you found of interest to other hams? Did you hear someone make a presentation somewhere else? What would you like to find out about? Maybe you are the one with the knowledge to share with the rest of us.

From this point it's easy. Just contact the BARC Programs and Activities staff. They will make the contacts, set the schedules and make the arrangements once you start the ball rolling.

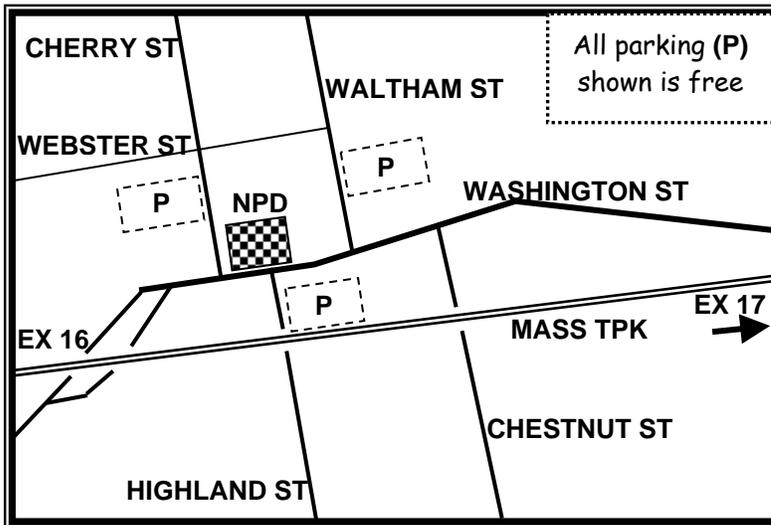
Deliver your thoughts to Eric, K1NUN, at k1nun@netscape.net or 508.358.4554. You can make the best club even better!

My wild oats have turned into shredded wheat

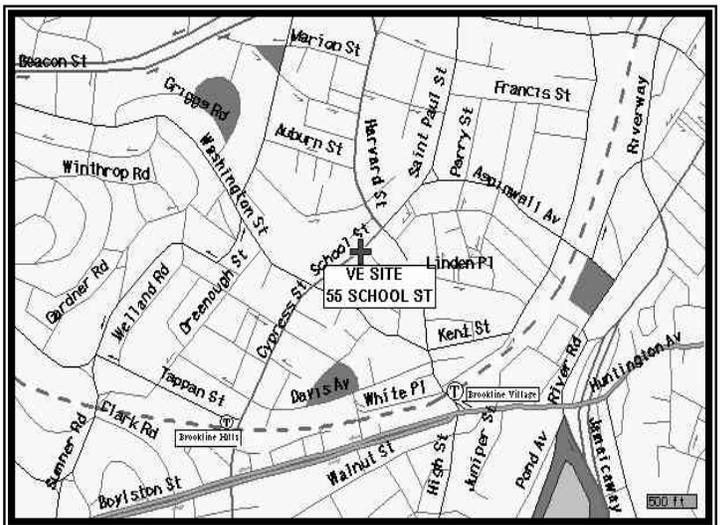
My wild oats have turned into All Bran.

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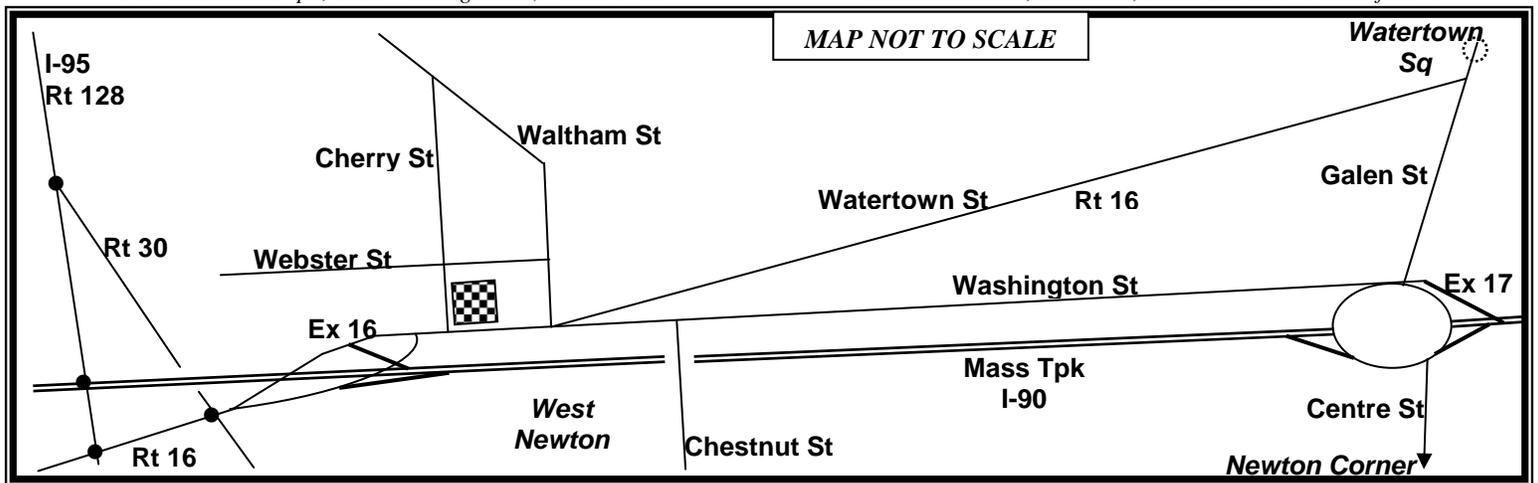
Simplex: 147.42



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, KI1QK	781.862.0418	k1qk@arrl.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@arrl.net
Volunteer Exams	Mike Ardai, N1IST	781.321.7939	n1ist@arrl.net
	Dick Doherty, KA1TUZ	617.527.2968	ka1tuz@arrl.net
Membership Services	Arthur Ashley, N1NHZ	617.661.2988	n1nhz@arrl.net
Public Service	Bob Salow, WA1IDA	508.650.9440	wa1ida@arrl.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.

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Simplex: 147.42

EASY ON THE EYE; EASY ON THE AIR

Communications via satellites is now easier than you may have thought. Miles Mann, WF1F, will let us in on how to use certain ham satellites and the ISS, including SSTV.

Miles is a renowned expert on ham satellites, and has the right stuff. He will give us the low down on those high flyers at our January General meeting.

The next General Meeting is:
18 January 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 February 2, 2007.

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