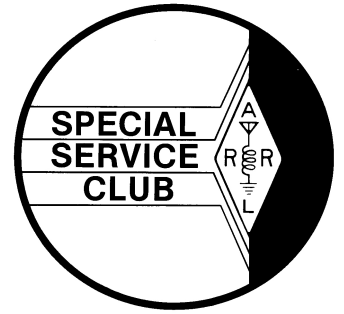




The SPARC

Volume XI, Number 9; September, 1999
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org/barc>



Our President Speaks

Ed Hennessy N1PBA

Even though it's September, there are still a couple of public service events coming up. One is a combined event. On the 18th and 19th of September (a weekend), WGBH will be holding its annual Ice Cream Fun Fest. As in previous years, they have asked BARC to provide communications in the area of their facilities to assure the safety of all of the visitors. This year, the ARRL has designated September 18th as Amateur Radio Awareness Day. Thanks to the generosity of WGBH, we will be able to have a ham radio booth at the Ice Cream Fun Fest. This is ideal, for we can point to the hams out and about and *show* people how we help, rather than just saying so. But we can use some help in staffing the booth. Please come by and help out (WGBH is on Western Avenue in Allston, near Harvard Stadium)--help show people who we are and the great things we do. Besides, you get to eat all the ice cream you can! More details are elsewhere in the SPARC.

Other events coming up include the Jimmy Fund Marathon walk on October 17th (yes, this is late, and yes, it's the same day as the MIT flea market). If you can help out, contact Bob Salow, WA1IDA. The Massachusetts Emergency Management Agency will hold a public safety fair (open to the public) at the MEMA bunker/State Police HQ on Route 9 in Framingham on September 15, and BARC will have a booth there. Please consider helping out there. Many people are unaware of how ham radio assists the public service agencies--let's show them how and why. Rides can be arranged.

Check out the ARRL Extra newsletter (for members only) on the web. BARC's

participation at the Aviation Expo got recognized there. Thanks to all who staffed the table, and to Bob Salow for notifying the league.

I'm still looking for someone who can take on the job of arranging the monthly speakers we have at BARC meetings. If you're interested, please let me know. While I am on the topic, please let any of us know if you've got some topic or interesting area that you'd like someone to speak about. We can do the legwork, but you need to tell us where to start!

The FCC has finally put hams into the Universal Licensing Service. We must register for the system and then use it (and only it--no more Forms 610 or 605) to update/change records. The League will be summarizing what this means for us shortly.

Finally, I'd like to thank Jim Hatherley, WA1TBY, for all of the hard work he's put in over the last 25 years as Section Traffic Manager. Jim, for those who may not know him, handles a lot of NTS message traffic every night, and coordinates all of the traffic handlers in Eastern Mass. Jim always had a kind word for the new traffic handlers, and was always willing to take the time to help someone learn. Jim is stepping down as STM at the end of September for health reasons. I suspect we'll continue hearing his voice on the traffic nets, taking traffic or helping those new check-ins. Drop him an NTS message and say hi.

See you at the September General Meeting...

73 de Ed, N1PBA

Hams Needed For Jimmy Fund Marathon Walk

To benefit the Jimmy Fund, a walk along the 26-mile Marathon route will be held again this year on Sunday, 17 October. Note that this date is a few weeks later than recent years. The Walk is sponsored by the Dana Farber Cancer Institute to support cancer research for children. Like the Boston Marathon, it is produced by the Boston Athletic Association (BAA).

The BAA has once again asked BARC to coordinate the emergency and administrative communications along the route of the Jimmy Fund Marathon Walk. Some of the technical operations are tested here for the Boston Marathon, increasing the value of the participating hams. This Walk is a less intense way for hams who are new to public service events to get the experience needed to qualify them for participation in the 2000 Boston Marathon (to be a millennial event).

Working directly for the BAA, we have been requested to staff 13 to 15 Walker Support stations. These stations provide water, food and rest. Many of the stations will have Red Cross First Aid services. The Finish Medical areas and the supervisory functions will also be covered.

Our ham operation is expected to be on 2 meters and 70 cm, with approximately 20 to 25 hams needed. Your help is valuable. If you are available for this important public service event (even if you have not participated before), please call Bob Salow, WA1IDA, at 508.650.9440 from 0900 to 2300 or send email to wa1ida@arrl.net as soon as possible.

Ham Radio Public Awareness Day

For many years BARC has joined in the national event called Ham Radio Public Awareness Day. Through the years we have had street displays, park demonstrations and Radio Shack presentations. This year is to be special. We have a ready-made crowd of thousands, and we will have a booth in the middle of it.

The date is Saturday, 18 September, and that coincides with our support for the WGBH Ice Cream FunFest. Not only do we provide communications for the event, but also we will set up a booth right in the high traffic area. We (all you volunteers) can tell the public how and why we enjoy our service hobby.

For more information and how you can help, see the article on the Ice Cream FunFest.

All You Can Eat And Public Service, Too

Here's a ham public service event where the reward might be better than the job. WGBH, the public TV channels 2 and 44, and FM radio, will hold its annual Ice Cream FunFest on both Saturday, 18 Sept. and Sunday, 19 Sept. at and around the WGBH station on Western Avenue in Allston.

As in past years, thousands of people are expected. We have been asked to provide communications for the safety and management of the crowd and their vehicles. It's a compact area, so 2-meter simplex HTs can be used. About 14 to 16 hams are needed each day.

Although such a good cause (and good publicity for us) doesn't need it, here's the good part: all volunteers get to eat all the ice cream you can consume (urp!).

On the subject of publicity, that Saturday is Ham Radio Public Awareness Day. BARC will have a booth at the FunFest to help the visiting crowd become more familiar with ham radio. With your help we can put

together a good display and demonstration at an actual public service event. Join the fun, the calories, and the chance to bring ham radio to the public.

If you can help either or both days (from 1100 to 1600), get more information by calling Mike Kass, N1YER, at 508.875.1725, or Bob Salow, WA1IDA, at 508.650.9440. Time is short. Please call now.

Massachusetts Statewide Simulated Emergency Test

When: Saturday September 11, 1999, 7am to 7pm

Where: At home stations of Amateur Radio Emergency Service (ARES) members, Emergency Operating Centers of participating communities, and Home and mobile stations of SKYWARN weather spotters

Scenario: Y2K simulating midnight on December 31, 1999 at 7am on September 11, 1999, in conjunction with a winter storm.

How do I get involved: Local RACES Units, as part of local emergency management departments, are asked to simulate the issues expected in their community at Y2K. This includes but not limited to Power Generation issues, Power transmission failures, Telephone outages, E911 failure, failure of computer systems, civil unrest and anything that they wish to practice response for.

ARES groups are encouraged to team up with local RACES units, to form partnerships with local institutions that have an emergency role such as hospitals, Red Cross, Salvation Army etc. to practice a response with that organization that simulates a Y2K Scenario.

SKYWARN members will be simulating a winter storm during the event. SKYWARN spotters will send reports meeting winter reporting criteria, which are:

- First 3 inches of snow, report every 2-3 inches

- Report a rate of more than 1 inch per hour and final snow totals.
- 1/3 inch of radial ice accretion.
- Precipitation type change (rain to ice to snow)
- Any winter season thunder.

This information is supplied to the National Weather Service.

The present direction is to have all Massachusetts SKYWARN nets active for approximately 4-6 hours during the drill in the 9 AM-3 PM timeframe. Nets along south coastal areas will run for 4 hours with most interior areas running nets for 6 hours. This will be to emulate how an actual major ice storm may hit the region.

With all phone service, and paging capability disabled, the SKYWARN network will be activated to handle traffic for a routine ice storm as NWS will not have phone service either due to Y2K. This ordinary ice storm will then turn into one of the most devastating winter storms that has hit Southern New England since the Blizzard of 78. The ice storm will match the intensity of the one that hit Maine and New Hampshire in January 1998.

Objectives for SKYWARN spotters and coordinators to handle for this drill:

NWS to liaison statements issued by the office to National Guard and RACES personnel already active on the pending weather situation which will hamper Y2K relief efforts. Hence these statements will also serve as the scenario for SKYWARN personnel to follow during the drill and relayed to SKYWARN spotters and coordinators via amateur radio.

SKYWARN spotters to relay reports of strong winds, icing 1/3' or greater, damage caused by icing and winds, and any thunderstorms that may occur with the major ice storm. This information will be relayed to NWS and then transmitted to National Guard as needed.

Massachusetts National Guard

The RACES, ARES and SKYWARN organizations of Massachusetts are pleased to be working with the Massachusetts National Guard as they conduct a Y2K simulation drill at the same time as the Statewide SET. Some message traffic may be inserted into the operation of the SET on behalf of the National Guard.

How: All RACES nets across the state will be activated for the duration of the drill. See your local RACES plan for details on what frequency your community should use. ARES nets will be activated on HF as well as VHF. SKYWARN nets will be activated. Where conflicts for frequencies arise between these groups, the net control stations are asked to make an arrangement with each other to share, or move off frequency as needed. Nets control stations may, at their discretion, put their nets in standby mode during slow periods.

Message traffic should take the format of the American Radio Relay Leagues' (ARRL) National Traffic System (NTS) where possible. All messages should begin with the words: "This is a drill." All traffic generated without this preamble will be considered not relating to the SET and take precedence over SET traffic.

Tactical traffic may also be passed without the NTS formatting, but should not be used whenever a response is requested. Tactical traffic is not necessarily recorded in any written manner.

Why: The Massachusetts RACES, ARES and SKYWARN groups feel it is important to regularly exercise large scale operations in the event of large scale emergencies. Our last drill on this scale was in December 1997 when more than three hundred individuals from across the state participated. Y2K holds some potential for events that may require Amateur Radio Emergency communications to fill in for overloaded or out of service communications facilities.

For More information call: 508-820-1428 or send email to:

n1cpe@amsat.org

w3eve@amsat.org
rmacedo@ma.ultranet.com

For a draft copy of the Massachusetts State RACES plan contact the **n1cpe@amsat.org** email address. For an official copy of the NWS Taunton SKYWARN plan contact the **rmacedo@ma.ultranet.com** email address, and for the ARES Emergency plan contact the **w3eve@amsat.org** email address.

The Hiram Percy Maxim 130th Birthday Celebration

After being on short hiatus for a couple of years, the Hiram Percy Maxim Birthday celebration is back! This year we're honoring the 130th anniversary of the birth of the first president, and one of the key founders, of the ARRL (September 2, 1869).

The operating event is open to all amateurs and the goal is straightforward: find the stations adding /130 to their call signs and contact as many as possible during the event period, September 2-11.

So who is eligible to sign /130?

ARRL members who hold ARRL appointments
ARRL elected volunteers (such as ARRL Directors and Section Managers)
Life members
ARRL Headquarters staff
VEs, AECs, QSL Bureau workers and awards managers who are ARRL members

If you work at least 25 /130 stations, an attractive certificate can be yours! The certificate is endorsable in increments of 25 QSOs up to 100.

The Fine Details

Object: Work as many amateurs signing "/130" as possible during the time period.

Time Period: 0000Z September 2 until 2400Z September 11.

Exchange: All stations signing /130, send RS(T), their appointment, and their name; others send RS(T) and their name.

Eligibility: All amateur stations may participate. Life members, and those persons holding ARRL appointments, elected positions, or HQ staff may add /130 to their call signs for the celebration. VEs, AECs, QSL Bureau workers and awards managers who are ARRL members are also invited to participate.

Miscellaneous:

/130 stations may be contacted on any band or mode for credit. You can work a station once per band and mode. Repeater contacts are valid for credit, but please be considerate of the users during a repeater's busy periods. All /130 stations are encouraged to be as active as possible on local repeaters and nets.

The certificate is available for making at least 25 contacts with /130 stations, with endorsement increments of 25, and a maximum endorsement of 100.

To receive the award, send in a log extract with the date, time, band, call sign worked, and exchanged for each /130 contact. Include your name, call sign, and address, and tell us how many /130 stations you worked. Mail everything in to HPM 130 Celebration, c/o ARRL, 225 Main St, Newington, CT 06111-1494. You can also send in your entry on an MS-DOS disk in ASCII format. All entries must be accompanied by a check or money order for \$5 (US), payable to ARRL. Please make sure your entry arrives by October 31.

Know Your Hurricane Season Terminology

NWS Taunton issued the following Public Information Statement concerning hurricane terminology. It should be noted that flows off the Eastern Seaboard are conducive to allow any tropical system that is in the Bahamas to effect our region in some manner. If needed, Storm Coordination Messages will be issued if a system threatens our region.

Tropical storms and hurricanes are no strangers to Southern New England. Since

1900, 39 systems have impacted Southern New England; 25 were hurricanes while 14 were of tropical storm strength. Any tropical storm or hurricane is capable of bringing a combination of high winds, large storm surges and, on occasion, even inland flooding along area rivers and streams.

Tropical depression - a tropical system in which the maximum sustained surface wind is 33 knots (38 mph) or less. Though the wind speeds are significantly less than those in a hurricane. Tropical depressions are capable of producing tremendous rainfall amounts. During the week of 3 through 7 July 1994, TS Alberto moved inland and weakened to a depression. It then moved into Georgia and produced up to 28 inches of rainfall causing catastrophic river and small stream flooding.

Tropical storm - a tropical system in which the maximum sustained surface wind ranges from 34 to 63 knots (39 to 73 mph). These systems are also intense rainfall producers, but often cause enough wind and waves to cause some beach erosion and minor boat damage.

Hurricane - a tropical system in which the maximum sustained surface wind is 64 knots (74 mph) or greater. This is the worst and strongest of all tropical systems. New England was the recipient of one of the worst hurricanes ever when the great New England hurricane of 1938 came crashing ashore on 21 September.

Hurricane eye - a relatively calm area in the center of the storm. In this area winds are light and the sky often is only partly covered by clouds. Never go outside in the eye of the storm. This period of calm may last only 10 to 20 minutes before hurricane force winds and torrential rains return.

Storm surge - an abnormal rise in sea level accompanying a hurricane or other intense storm. The height of the storm surge is the difference between the observed level of the sea surface and the astronomical tide that would have occurred in the absence of the storm. In Southern New England, storm surges of 10 to 20 feet have occurred - totally devastating the coastline.

Tropical storm watch - an announcement that a tropical storm or tropical storm conditions pose a threat to coastal areas generally within 36 hours.

Tropical storm warning - a warning that a tropical storm or tropical storm conditions, including sustained winds of 39 to 73 mph, will affect a specified coastal area within 24 hours or less.

Saffir/Simpson hurricane scale - a scale ranging from one to five, based on intensity of the hurricane. This can be used to give an estimate of the potential property damage and flooding expected along the coast from a hurricane.

Hurricane watch - an announcement for specific areas that a hurricane or hurricane conditions pose a possible threat to coastal areas generally within 36 hours. In New England, due to the rapid acceleration of most of our hurricanes, it is a necessity that you take action during the watch.

Hurricane warning - a warning that hurricane conditions including sustained winds of 74 mph or greater, associated with a hurricane, are expected in a specified coastal area within 24 hours or less. Any preparedness measures must be rushed to completion once the warning is issued. High winds and coastal flooding will develop many hours before the eye of the storm actually comes ashore.

Inland high wind watch for hurricane force winds - an announcement for inland areas that sustained winds of 74 mph or greater associated with a hurricane are anticipated beyond the coastal areas, though the actual occurrence, timing and location are still uncertain.

Inland high wind warning for hurricane force winds - an announcement for inland areas that sustained winds of 74 mph or greater, associated with a hurricane, are anticipated beyond the coastal areas in the next six to twelve hours.

Hurricane local statement - a public release prepared by your local National Weather Service office in or near the threatened area giving specific details on

weather conditions, evacuation decisions made by local officials, and other precautions necessary to protect life and property.

September General Meeting

This month's general meeting will be held at the Boston Back Bay Salvation Army Building, at 7:30 PM, Thursday September 16, 1999.

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

Parking is available; the entrance to the parking lot is from Columbus Ave. (across the street from the firehouse). It is also T accessible, the nearest T stations are Back Bay on the Orange and Purple lines (exit the rear of the station by the busway and walk down Columbus) and Copley or Arlington on the Green line (use the Berkeley Street exit). A map appears on page 6 of the newsletter.

Future Meeting Dates

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

21 October 1999
18 November 1999
16 December 1999 (Holiday Party)
20 January 2000
17 February 2000
16 March 2000

Check Out The ARRL Website

Tom Frenaye, K1KI, ARRL New England Division Director, suggests some useful places to check out on the ARRL web site. Make sure to check out the "What's New" section every time you visit, to catch the most recently added items.
<http://www.arrl.org/whatsnew/>

1) Interested in a summary of current threats to Amateur Radio bands? Read through these articles:
<http://www.arrl.org/news/bandthreat/>

2) The online list of **hamfest and conventions** can be reached via the link below (in the future we hope to be able to have a search function so you can easily find all of them within 25-50-100 miles of your Zip code):
<http://www.arrl.org/hamfests.html>

3) Need to find the **web site for an ARRL advertiser**? Check out the list on the advertiser links page:
<http://www.arrl.org/ads/adlinks.html>

4) Do you **want to have a 1x1 call sign** for an upcoming special event activity? You can reserve one easily and quickly by following this link:
<http://www.arrl.org/arrlvec/1x1.html>

What do you find to be the most useful part of the ARRL Web site? What hidden treasures would you recommend to others? What additional information would you like to see available on the ARRL Web site? Let me know - your input will be used.

73, Tom Frenaye, K1KI, ARRL New England Division Director, k1ki@arrl.org

Minutes of the Boston Amateur Radio Club Business Meeting

September 2, 1999

Recorded by Michael Ardai, N1IST, BARC Secretary

Present were:

Mike Ardai, N1IST, Secretary; Arthur Ashley, N1NHZ, Membership; Guy Bzibziak, KB1CRY; Paul Carter, N1TMF, SPARC Editor; Bob Cassell, N1ENS, Executive Committee; Jim Clogher, N1ICN, Treasurer; Dick Doherty, KA1TUZ, Vice President; Ed Hennessy, N1PBA, President; Mike Kass, N1YER; Paul Katz, N1LRT; Tony Mercauto, N1OBL; Bob Salow, WA1IDA, Public Service Services; Ralph Walton, N1KOI

The meeting was called to order at approximately 1850.

We are looking for someone to help coordinate BARC meeting speakers. If you can help out please let N1PBA or N1IST know.

We will have a booth at the WGBH Ice Cream Fest for Amateur Radio Awareness Day on 9/18. We still need help manning the booth and helping with communications on both days.

The Jimmy Fund walk will be on 10/17. If you can help out, contact Bob Salow, WA1IDA.

Fliers promoting BARC and Ham Radio will be ready for Ham Awareness Day, thanks to KB1CRY. We will also give a few to each Radio Shack so they can give them out to people looking for info on ham radio.

There was discussion about BARC Emergency Response Team (ERT) participation in the September 25 MEMA Safety Fair, Framingham.

A BARC Simulated Emergency Test (SET) Planning Committee has been formed and details will be forthcoming. There will be a training exercise on September 11.

Thanks to Mike KB1CKF, ERT now has its own Web Page at:
www.qsl.net/w1bos.

Plans for our December holiday party including sites, program and details were discussed. We are currently leaning towards having a dinner buffet. This should be a lot cheaper than a catered meal, and we should have a lot more people able to attend (and it will probably be all-you-can-eat :-)

The meeting was adjourned at approximately 2014.

The Boston Amateur Radio Club holds its monthly Business meeting on the first Thursday of each month. The next one will be on Thursday October 7, 1999 in the food court of the Cambridge Galleria Mall in Cambridge. We meet at 6:30pm in the lower level, down by the windows facing the lagoon.

This is where the real business of BARC is conducted. If you have any suggestions, questions, or comments, this is where to bring them. All members are welcome (and encouraged) to join us at this meeting.

Boston Amateur Radio Club Income and Expense Statements

Calendar Year 1997

Income 1997:

Dues, Contributions and Donations	\$4724.55
Holiday party payments	\$636.00
Field Day Food Sales	\$125.00
Cap Sales	\$218.00
+	
Total 1997 Income	\$5703.55
Income Balance 1/1/97	\$1846.43
+	
Combined Income 1997	\$7549.98

Expenses 1997:

Field Day	\$700.76
Bank Maintenance	\$55.02
Security (Volpe Ctr.)	\$764.00
Cellular repeater	\$88.98
Newsletter expenses	\$3312.62
Refunds on dues (double payments)	\$66.00
Holiday Party	\$559.62
Equipment/Liability	\$255.00
Insurance	
ARRL	\$29.00
MIT Radio Society--season	\$50.00
Flea pass	
+	
Total 1997 Expenses	\$5881.30
(Ed: Doesn't add up.)	

Income--ending balance 12/31/97
 \$1668.68

Calendar Year 1998

Income 1998:

Dues	\$3163.00
Contributions/donations	\$1320.92
Deposit adjustment	\$32.00
ARRL membership renewals-pass-thru	\$137.00
Sales	\$361.62
Holiday Party	\$522.00
+	
Total 1998 Income	\$5536.74
Income Balance 1/1/98	\$1668.68

+
 Combined Income 1998 \$7205.42
 (Ed: Doesn't add up.)

Expenses 1998:

Bank Maintenance Fee	\$70.31
Security (Volpe Ctr.)	\$234.00
Cellular repeater link	\$243.28
Misc expenses	\$1088.74
Newsletter expenses	\$3241.49
Refunded dues (overpayments)	\$76.00
Field Day expenses	\$84.00
Holiday Party	\$543.37
Equipment/liability	\$255.00
Insurance	
ARRL (renewals through club)	\$115.00
Total 1998 Expenses	\$5951.19

Income--ending balance 12/31/98
 \$1254.23

Editor's Notes

We have an overflowing SPARC this month, so I'll spare members my usual meandering thoughts. I would like to call attention to the article on page 7, "Do You Know Ham Radio?" If you think that you are not getting enough out of the hobby and that Amateur Radio is getting stale, try the following exercise. Check off the items listed that you have tried. If there are no unchecked items, then I, or anyone else, has little to tell you about Amateur Radio! If there are items that you've never done, however, then you have some pointers to things that might make the hobby again as fresh as on the day you first got your ticket. Clearly, Ham radio is not all about any one type of activity. If there is something you specialize in, you love and are good at, then so be it. Ham Radio is about the love of radio and some or all of the things that we as Amateurs (i.e. *non*-professionals) can do with these wonderful machines and mysterious waves we send through space. So, do yourself a favor and try something with radio you haven't done before. You may just find that a little part of your world becoming a newer and fresher place!

I'm grateful to all that sent contributions and suggestions for improvement - keep those cards and letters coming in. I can be reached by email at pvc@tiac.net, snail mail at 11 Commonwealth Court Apt#15, Brighton, MA 02135, and most if not all BARC club nets and general meetings.

BARC VE Session

The Boston Amateur Radio Club holds its monthly VE session on the second Monday of each month. The next session will be at 7pm on Monday, September 13, 1999 at the Pierce School at 50 School Street in Brookline, Room 110 next to the cafeteria.

There is a free parking garage at the circular driveway. If driving, enter School Street from the Washington street side (opposite 394 Washington,) rather than from Harvard Street. Check:

http://www.barc.org/barc/school_map.gif for more info. This map also appears on page 7 of this newsletter.

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

Talk in on 145.23(-), PL 88.5.

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

- Your current license *and a photocopy for the ARRL*, if you are upgrading
- Any CSCE's you are claiming, and a photocopy of them
- Valid ID (picture ID preferred)
- A pen and a calculator (if you want to)
- \$6.49, good for all the tests you take that night, except for retests; Novice exams are free.

The needed FCC forms will be provided.

For further information, contact
 Bob Wondolowski N1KDA
 (508) 865 5822
wondobob@juno.com

Future Exam Dates

(Second Mondays at 7:00 pm)

- 4 October 1999 (Note: this VE session is on the *first* Monday of October because of the Columbus Day holiday.)
- 8 November 1999
- 13 December 1999
- 10 January 2000
- 14 February 2000
- 13 March 2000

BARC Growth

It's a rare month when we fail to add a few new members. Periodically we publish their names so that you can give them a special welcome. There may also be some long lost members who rejoin, so greet them, too.

Mike Coffey
 Jim MacInnis, 3rd
 Bud Thorpe KB1DPZ

In addition, we would like to note here any call sign changes you have made, and honor all members who upgrade. 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@arrrl.net

Amateur Station Sequentially Assigned Call Signs

The following shows the last call sign in each group to be assigned for each VEC Region under the sequential call sign system as of 9 August 1999.

Extra	AA1UQ
Advanced	KE1LQ
General,	KB1EHX
Technician, Novice	

For more information about the sequential call sign system, see FACT SHEET PR5000 #206-S dated May 1998. Further questions can be directed in writing to:

Federal Communications Commission,
 1270 Fairfield Road
 Gettysburg, PA 17325-7245

Or by e-mail to

FCCITD@fcc.gov.

Catch us on the Internet!

The Boston Amateur Radio Club has a web page at <http://www.barc.org/barc>. Here you can find some of the latest BARC news, sample exams, maps to our meetings and VE sessions, links to other radio clubs, and a club roster (only names, callsigns, and e-mail addresses are on-line). If you have any suggestions, please let me know at n1list@netcom.com.

New on our web page are the club articles:

<http://www.barc.org/barc/articles.html>

and bylaws:

<http://www.barc.org/barc/bylaws.html>.

We also run an FTP site at <ftp.barc.org> under <pub/hamradio>. We've got a mirror of the ARRL infoserver, BARC documents, ham radio software, and a huge mods archive. Cheyenne Greatorex, n1qzs@magrathea.com, maintains the FTP site. Contact him if you have any comments.

We also run a club e-mail list. To subscribe, send a message to majordomo@majordomo.netcom.com with the body (the subject is ignored)

subscribe barc-list

The welcome message will list the other lists that we have over at Netcom. (Yes, I know it isn't on the radio. It is, however, an additional resource for getting in touch with other hams around the world...)

73, /mike n1list@netcom.com

Notes for BARC Net Control Operators

By Interested Members of the Boston Amateur Radio Club

Preparation

Have at hand:

The BARC Net Preamble as printed in the SPARC with additional comments about the sequence of calling upon check-ins for their announcements, comments and questions (ACQ).

Lined paper numbered every other line for recording check-ins with ample room for taking notes during the net.

The most recent issue of the SPARC so that you can immediately answer many questions asked by check-ins and then cite the SPARC as your source.

The most recent BARC Roster to help in the recording of call signs and to address people by name.

Preamble-Opening

Explain our procedure in which the Net Control will take check-ins and then call upon each one for their ACQ. Then ask for check-ins with emergency or high priority traffic. Let those check-ins make their ACQs immediately. Then ask for mobile check-ins and let them make their ACQs before they are out of range of the repeater or encounter difficult traffic conditions.

During

Leave a few seconds between transmissions (before picking up again after station hands it back to the net) so that emergency or breaking traffic from the net or otherwise can get in and be heard.

When calling on the earlier check-ins for their ACQ, stop after three or four and ask for additional check-ins to call now with their call sign, name and QTH. In this way, later check-ins will not have to wait too long to get checked in and be acknowledged by Net control. This is especially important to accommodate those later check-ins who have emergency or high priority traffic.

If a check-in asks a question or is seeking help, try to solicit an answer or help for that person immediately while the topic is still fresh in the minds of the check-ins. Don't keep the questioner waiting for a response while the Net Control works on other routine details. More importantly don't keep

people waiting who are anxious to provide answers and responses to questions that have been raised. Net control may ask for help from both those have previously checked in and other hams "on frequency".

If it looks like there will be some sort of extended QSO on some topic of limited interest to the majority of the check-ins, encourage those who are interested to continue their QSO after the formal close of the Net.

Closing

As Net Control, assure yourself that all who wished to be heard had an opportunity to be recognized and called upon by you.

Then read the closing part of the Preamble in which you return the repeater to normal amateur radio use.

BARC Net Preamble

Any further business for the repeater before we begin the Boston Amateur Radio Club Net? This is <<YOUR CALL>>.

Calling the Boston Amateur Radio Club net. This is <<YOUR CALL>>, my name is <<YOUR NAME>> and I am located in <<YOUR TOWN>>. This net meets each Monday evening at 9 PM Eastern Time on the 145.23 Boston repeater, PL 88.5. This net is an informal round table discussion concerning matters of interest to the members of the Boston Amateur Radio Club and the Boston Amateur radio community in general. When checking into the net, please say, "this is" and drop your carrier to check on doubling. Then give your call sign, name and location. All amateurs are welcome to join the net. Any checkins for the Boston Amateur Radio Club net please call now.

Is there any further business for the net before I close?

Hearing nothing, this is <<YOUR CALL>> closing tonight's session of the Boston Amateur Radio Club Net. I would like to thank everyone who participated in the net and those who stood by while I ran the net. The Boston Amateur Radio Club

net will return next Monday evening at 9 PM Eastern Time. This is <<YOUR CALL>> returning the repeater to general amateur use. 73.

I See the Future

12 Sep SEMARA Flea (Dartmouth)
 13 Sep BARC VE session
 16 Sep BARC General Meeting
 18-19 WGBH Ice Cream FunFest
 Sep
 18 Sep Genesis ARS Flea – Marshfield
 18 Sep RIFMRS Flea (Forestdale RI)
 19 Sep MIT Flea
 25 Sep MEMA Public Safety Fair
 26 Sep Framingham ARA Flea
 7 Oct BARC Business Meeting
 8-9 Oct Hosstraders (Rochester NH)
 17 Oct Jimmy Fund Marathon Walk ®
 17 Oct MIT Flea

® = Repeater may be used

As you might expect, there are many more events (public service, hamfests, flea markets, etc.) taking place - some only peripheral to ham radio. For information on these, covering New England and some of New York, the "Ham - Electronic Flea Market" and the "PSLIST" lists tell the story. They are posted by e-mail to barc-list and on PBBs regularly. If needed, contact any club member who has access to these.

Do You Know Ham Radio?

Have you ever wanted to tell someone about the many facets of ham radio? Have you ever thought your corner of ham radio was getting stale? Well, Dave Patton, NT1N, at ARRL Headquarters compiled the following incomplete list of "Sub-Activities within Amateur Radio." Digest this, and you might think of even more. Try something new. If you don't know some of the acronyms, don't be afraid to ask. If you think the club should present more information on a subject, tell a club officer.

OPERATING

AM
 ARES/SET
 ATV/FSTV - VHF/UHF
 Balloons/ATV
 Certificate Collecting - General

Contesting - HF - Domestic
 Contesting - HF - DX
 Contesting - VHF/UHF
 Contesting - VHF/UHF Roving
 County Hunting
 CW
 Digital/Other - HF
 Disaster Communications
 DXing/DXCC - HF
 DXing/DXCC - VHF/UHF
 DXpeditioning
 DXpeditioning for a Contest
 EME
 Family Communications
 Field Day
 Foreign Language on AR
 Fox Hunting - HF
 Foxhunting - on foot
 Foxhunting - VHF
 IOTA
 MARS
 Microwaves/Light
 Missionary Work and AR
 Mobile CW
 Mobile - Air
 Mobile - All - General
 Mobile - Bicycle
 Mobile - Commercial Vehicle
 Mobile - Maritime/Marine
 Packet/APRS - VHF/UHF
 Phone Patching
 Public Service—VHF/UHF
 QRP/QRPp
 QSLing/Being a QSL Manager
 RACES
 Radio Astronomy
 Radio Chess
 Radio Controlled Models
 Ragchewing
 Recreational Vehicles and AR
 Remote Station Operation
 Repeaters - HF
 Repeaters - UHF
 Repeaters - VHF
 RTTY
 Satellites
 SETI
 SSB
 SSTV
 10-10 International
 75M nightly roundtables
 SWLing/Scanning
 Traffic Nets - CW
 Traffic Nets - SSB
 VHF - Meteor Scatter
 VUCC/Grid Collecting

WPX
 WX Spotting

OTHER

Amateur Radio News Reporting
 Amplifiers - Design and Build
 Antenna Design - HF
 Antenna Design - VHF/UHF
 Antennas - Building
 Buying and Selling Used Equipment
 Club Government - Local
 Club Government - National
 Collecting - AR Stamps
 Collecting - Collins Equipment
 Collecting - Morse Code Paddles and Keyers
 Collecting - Other Equipment
 Computers and AR
 Design of Amateur Equipment
 FCC issues with Amateur Radio
 Frequency Coordination
 Hamfests/Conventions
 Homebrewing Equipment from Scratch
 Internet Work with Amateur Radio
 Kit Building
 Manufacture of Amateur Equipment
 Propagation - Radio Wave - Study and Analysis
 Restoration of Old Equipment
 Retail of Amateur Equipment
 RFI prevention
 SAREX - ARISS other Space
 Scouting/JOTA
 Socializing With Other Hams
 Teaching AR Classes to Hams
 Teaching AR Classes to Non-Hams
 Teaching - Forums
 Tower Work
 VE work
 Writing Technical
 Articles/Fiction/Publishing

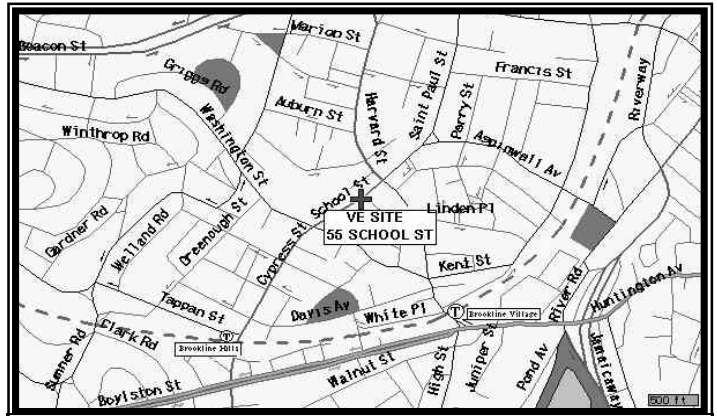
Isn't Disney World a people trap operated by a mouse?

Since light travels faster than sound, isn't that why some people appear bright until you hear them speak?

Why don't they just make mouse-flavored cat food?



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

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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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Eastern Massachusetts Net Directory

daily 5:30pm	Eastern Mass/Rhode Island Phone Net (NTS)	3.915
daily 7 and 10pm	Eastern Mass/Rhode Island CW Net (NTS)	3.658
daily 7:30pm	Cape and Islands Traffic Net (NTS)	147.045
daily 8pm	Eastern Mass 2M Traffic Net (NTS)	145.23
daily 8pm	Slow Speed CW Net	28.160
daily 9pm	Central Mass 2M Traffic Net (NTS)	146.97
daily 10:30pm	Heavy Hitters' Traffic Net (NTS)	146.64
M 7:30pm	Cape Ann ARA	145.13
M 8:30pm	Falmouth Amateur Radio Association Monday Net	146.555
M 9pm	BARC Club Net	145.23
Tu 7:30pm	Genesis Amateur Radio Society Plymouth MA Ragchew Net	146.685
Tu 8pm	MMRA Club Net	146.67 and all MMRA links
Tu 8pm	MARA Net with Newline	147.18
Tu 8pm	EMA Public Safety Net	145.23
Tu 9pm	NETARC Satellite Net WIME (ex K1MON)/NCS	446.575
W 7:30pm	Skywarn Spotters Net	145.47
W 8pm	CW Practice Net	145.41
W 8pm	Wellesley Amateur Radio Society Net	147.03
W 9pm	HHTN Swap Net	146.64
Th 8:30pm	Amsat Net N1OHJ/NCS	146.64
Th 8:30pm	Falmouth Amateur Radio Association Thursday Net	444.250
F 9pm	SATERN Net	145.23
Sa 8pm	South Shore Skywarn Net	147.18
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 3:30pm	Youth Net	3.970
Su 7pm	Algonquin Amateur Radio Club Net	53.470, 223.860, 446.675
Su 8:30pm	NSRA Net (with Newline)	145.47