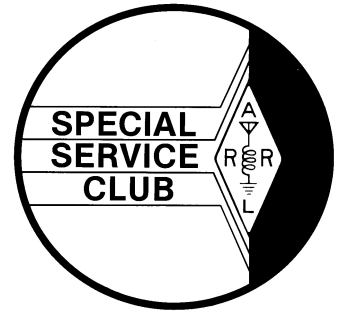




The SPARC

Volume XI, Number 10; October, 1999
Newsletter of the Boston Amateur Radio Club
<http://www.barc.org/barc>



Our President Speaks

Ed Hennessy N1PBA

Another month has passed! Hard to believe it's October. Hope everyone bought or sold whatever they wanted to at Hosstraders a weekend or so ago. As we get into the colder weather, we should be prepared for the stuff that comes with it. Be sure chimneys and heating systems are up to par, and, as long as we're at it, remember to change the smoke alarm battery this month with the clock change.

Another month passing also brings us closer to "Y2K," and whatever problems, real or imagined, that might bring. In order to be prepared, Bill Schenker, KG4DHJ, in Alabama has announced formation of a nightly Y2K Net on or about 14.275 MHz at 8 PM Central Time. The net will deal with preparations for Y2K events, and Bill encourages formation of regional nets. If you are active on HF, you might want to check out Bill's net and see if that's something we could set up in New England.

Here are a couple of more tidbits: the FCC's Universal Licensing System is up and running--but now it's going along bug-free (supposedly!); shortly, license renewals will only be accepted through ULS, for which hams must register first. Also, the UALR callsign lookup webpage is down indefinitely, due to the change in output files from the FCC from ULS.

Please come and join us at the BARC General Meeting. We are lucky to have a special guest taking time from his busy schedule to speak with us. Chris Conti, N1NVL, of the MMRA will be coming to speak on foxhunting. Chris and a group from the MMRA regularly conduct foxhunts, and Chris will share his experiences and knowledge with us this

month. Direction finding is easy, but perfecting it is an acquired skill; Chris will be here to give us his insights.

BARC has not had a tour or workshop in a while; I'd like to change that. What do *you* want to do, tour, or visit? Let me know, and we'll get going on planning. Also, the club really needs a ham shack. We own radios, but have nowhere to use them. If you have any leads (no matter how remote or wild) on where BARC might re-establish a shack, please speak up!

And finally, Happy Halloween!
73 de Ed, N1PBA

Did You Get Ice Cream On Your Shirt?

Bob Salow N1IDA

On the weekend of 18 - 19 September if you got ice cream on your shirt, you were probably doing a worthwhile public service. BARC assisted WGBH public television and radio at their annual Ice Cream FunFest fundraiser. Mike, N1YER, and Bob, WA1IDA, coordinated the communications to monitor crowd safety, and parking strategy, and to keep the event staff informed.

Since that Saturday was also Ham Radio Public Awareness Day, an ARRL sponsored national program, we had a booth to meet and greet the public among the 6000 attending each day. A number of those who stopped by inquired about license classes.

On the two days, 20 hams helped, and, as an added bonus had access to all the ice cream they could eat. Here's who they were:

Mike Ardai, N1IST; Arthur Ashley, N1NHZ; Rowe Austin, N1GIE; Roger Cooper, N1XKB; Rick Desisto, N1IWE;

Ralph Devlin, N1LAH; Dick Doherty, KA1TUZ; Marian Juskuv, KE1LJ; Maria Juskuv, KB1DRM; Zdenko Juskuv, KB1DOY; Catherine Juskuv, KB1EAQ; Mike Kass, N1YER; Paul Katz, N1LRT; Tony Mercauto, N1OBL; Pavlik Mintz, KB1EEV; Jeff Moskow, WA1I; Sarah Moskow, KB1BNW; Bob Salow, WA1IDA; Ralph Walton, N1KOI; Ed Whelan, N1INX

Get ready for next year.

Hams Needed For Jimmy Fund Marathon Walk

Bob Salow N1IDA

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 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 walida@arrl.net *immediately*.

Quick Response Public Service Bob Salow N1IDA

The request for our ham support had such a short lead-time it couldn't be announced in The SPARC. In fact, the local newspapers and TV hardly took notice. The event was the Chancellor Challenge 100K Race. What's that, you say? Never heard of it?

The Chancellor Corp., a huge international transportation company based in Boston, wanted to start a tradition of another major athletic event in Boston, with all proceeds going to the Jimmy Fund (event expenses were fully covered by Chancellor). The event and its urgency were presented to Dave McGillivray, the Technical Director of the Boston Marathon. Dave agreed to produce it. With only a few weeks to go, our communications help was requested for an event rarely held, and never before in Boston. After all, how many runners are there in the world who can run a 100 kilometer (over 62 miles) ultramarathon – and where in Boston can you lay out a course?

About 50 world class endurance runners were attracted here to test their endurance on Saturday, 9 October. A 10K-looped course was laid out on the Esplanade, which enabled us to use 2-meter simplex for support stations and hazardous locations. Ten times around the sanctioned course and the runners were entitled to collapse. Bob Salow, WA1IDA, recruited and coordinated eleven more hams to operate two shifts from 0630 to 1900. Some of the hams stayed for both shifts. The hams that helped were:

Arthur Ashley, N1NHZ; Clayton Coleman, KB5TBB; Jenny Coleman, KB1DSA; Rick Desisto, N1IWE; Rick Flynn, N1YYH; Marian Juskuv, KE1LJ; Zdenko Juskuv,

KB1DOY; Catherine Juskuv, KB1EAQ; Paul Katz, N1LRT; Tony Mercauto, N1OBL; Ron Reder, KA1KCU; Bob Salow, WA1IDA

Bridge Overpasses Proven To Be Unsafe For Shelter In A Tornado

By Bob Metivier, N1XZJ, posted by KD1CY

As a result of several fatalities and a number of serious injuries of persons taking shelter under overpasses during the 3 May 1999 Oklahoma City outbreak, the National Weather Service (NWS) is in the process of changing its recommendation of taking shelter under overpasses. In fact, the NOAA Service Assessment of the 3 May 1999 event contains a recommendation that overpasses NOT be used for shelter.

The video from a Kansas TV station earlier this decade showing a news crew taking shelter "safely" is now considered to be misleading. That crew could have outrun the tornado, and the tornado did not actually pass over the overpass. The winds seen in that video are actually inflow into the tornado as it passed nearby.

Most researchers are of the opinion that serious injury or death will result to anyone taking shelter under an overpass, which is directly struck. The main problem now is: can the public be trusted to recognize which way a tornado is moving so as to move at right angles and thereby avoid its path.

Emergency Communications Workshop

An Amateur Radio Emergency Communications Workshop will be held in South Dartmouth, MA on Saturday, 13 November from 0900 to 1600. The location is at the Southeast Massachusetts Amateur Radio Association (SEMARA) Clubhouse in South Dartmouth, MA.

This Workshop will provide the background and information to serve Amateur Radio operators when needed to respond to a communications emergency. It will feature an Introduction to Emergency

Communications and five one-hour training sessions on topics including:

Tactical Message Handling for ARES/RACES/SKYWARN
NTS Traffic Handling
Net Operations, I and II
Basic Red Cross Operations
Go Kits

The presentations will be given by ham operators well versed in their topics. The training will be a worthwhile endeavor for any Amateur Radio operator who wants to learn more about the service we provide. The session will also include a one-hour lunch that will be provided at no coerced cost to any ham that attends.

Preregistration is requested, but is not required (in case you decide to attend at the last minute). If you preregister, please try to do so by Saturday 6 November 1999, so that an approximate head count can be made. Any registrations after that day or any walk-ins will be accommodated as long as space permits.

Talk-in will be on the 147.000 (+600), optional 67.0 Hz tone) SEMARA repeater.

For additional information and directions, and to preregister, contact: Rob Macedo, KD1CY, by email at rmacedo@ma.ultranet.com, or by phone at 508.994.1875 (after 1800).

Marconi Monument Dedication

From the ARRL Letter Vol. 18, No. 39
October 1, 1999

The Comitato Tricolore of New England will dedicate a monument on October 22, 11:30 AM to honor Guglielmo Marconi in Wellfleet (Cape Cod), Massachusetts in the vicinity of the former Marconi station at Cape Cod National Seashore. Marconi's daughter Princess Elettra Marconi is scheduled to be present. The occasion marks the 125th anniversary of Marconi's birth. A gala paid-admission celebration is set for October 20 in Providence, Rhode Island. For more information, contact

Comitato Tricolore, 215 Hanover St,
Boston, MA 02113; 617-725-1073;
Fax 781-581-3216.

BARC Net Tutorial

On Monday, October 25, immediately following the 9:00 PM regularly scheduled BARC Net, there will be an "on the air Tutorial" on how to be an effective Net Control Operator. This will be a learn by doing, hands on the equipment experience, for all who participate. That evening, *please* have pencil and lined paper at hand, *ready to copy*.

All hams in the Greater Boston Amateur Radio Community (can reach the Boston Repeater) are invited to participate, regardless of club affiliation or previous experience as a Net Control Operator.

Hams who have expressed an interest in "emergency radio communications" are especially invited to participate in this tutorial and then to become active, frequent net control operators. This is an opportunity for hams to gain and to use additional skills that will be needed sometime in the future. Being a BARC Net control operator is one of the few opportunities that we have to practice and sharpen our skills in this area on a continuing basis.

There is also a very relevant Web Site, entitled, "Training Documents, Amateur Radio Education Alliance to be found at:

<http://www.area-ham.org/tngdocs/tngdocs.html>

which I recommend to you all.

Arthur, N1NHZ, BARC Membership Services Committee

Please refer to articles below on net procedures and the BARC net preamble.

October General Meeting

This month's general meeting will be held at the Boston Back Bay Salvation Army Building, at 7:30 PM, Thursday October 21, 1999. Chris Conti, N1NVL, of the MMRA will be coming to speak on foxhunting.

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.)

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

October 7, 1999

Recorded by Michael Ardai, N1IST, BARC Secretary

Present were:

Mike Ardai, N1IST, Secretary; Arthur Ashley, N1NHZ, Membership Services; Paul Carter, N1TMF, SPARC Editor; Jim Clogher, N1ICN, Treasurer; Dick Doherty, KA1TUZ, Vice President; Mark Duff, KB1EKN; Mike Kass, N1YER; Paul Katz, N1LRT; Tony Mercauto, N1OBL; Bob Salow, WA1IDA, Public Service; Grant Taggart;

The meeting was called to order at approximately 1834

BARC will be starting a monthly breakfast, where we can get together, meet other club members, discuss ham radio or anything that comes up. This is similar to the monthly Dim Sum that we did years ago. The breakfast will be on the second Sunday of each month, beginning on 11/14, starting at 0830, at the Old Country Buffet, 550 Arsenal Street in Watertown. The #70 bus from Central Square goes right by the mall.

The Holiday Dinner will be held instead of the December general meeting on 12/16 at the Tin Tin Buffet in Brighton. They have an open buffet, and the cost is \$8.95 (much cheaper than last year...) Dinner reservation forms will be in the November SPARC.

Nominations for the BARC Ham of the Year will be in the November SPARC. Please start thinking about who you would nominate.

We will have another Net Control 101 (on-the-air workshop for people to learn how to run the club net) immediately after the BARC net on 10/25

Our speaker for October will be Chris Conti, talking about foxhunting and radio direction finding. This will be a very interesting meeting.

Two of the business-band repeaters that had been donated to BARC have been sold to benefit the club (and to free up space in my living room and Dick's garage)

We will discuss next year's dues structure at the November business meeting.

A committee has been formed to work out next year's budget. A report will be presented at the December business meeting.

Two guests from the Comitato Tricolore di Boston stopped by to discuss plans for ham radio support at a dedication celebration at the Marconi site in Wellfleet.

The meeting was adjourned at approximately 2050.

The Boston Amateur Radio Club holds its monthly Business meeting on the first Thursday of each month. The next one will be on Thursday November 4, 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.

Editor's Notes

Paul Carter N1TMF

Please excuse your humble editor for missing this month's editorial. Between insane workloads and "relaxing" at

Deerchester, he's hardly able to form coherent sentences. Next month, we hope that he shall again be among the (mentally) living!

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, November 8, 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)

13 December 1999
10 January 2000
14 February 2000
13 March 2000
10 April 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.

Mark Duff	KB1EKN
Dick Gagnon	W1ZH
Rick Harold	WA1EWL
Dan Macone	KB3DMS
Pavlik Mintz	KB1EEV

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: walida@arrl.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 August 9, 1999.

Extra	AA1UQ
Advanced	KE1LQ
General, Technician, Novice	KB1EHX

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.

Notes for Running the BARC Net

Mike Ardai N1IST

First, check that the repeater is free. If there is a QSO going on, and it is a few minutes into the net, break in and gently remind them that it is net time. Remember that we can't force them to leave; most will QSY to let the net go ahead. If it is a few minutes into the net and there is still no net control, jump in and pick up the net.

Make sure you have a pen and a sheet of paper. The important thing to copy down is the call; it's nice to get the name and QTH, but that will come easier later on.

For logging, make three columns on the page, one for name and callsign, one for checkmarks for those with traffic, and one for notes. Leave a blank line between entries for additional notes.

This net doesn't have any logging requirements; the logs are for your use when running the net. Other nets may require a specific log to be sent to the net manager. If you have email access and you

would like to, format the logs like nlist's regular ones and send them to barc-list.

A question was raised about what equipment you need to run the net. If you use a HT, don't move around during the net (the signal flutters) and make sure you have a spare battery handy if it dies. For a mobile rig, you will usually have a hand mike. I mounted the mike hook on my radio rack; the side of a shelf next to your table works well. Be careful with desk mikes; it is too easy to drop some papers or a book on the PTT switch and lock up the repeater for an hour or so. If you have a boom mike with a foot switch, that would be a good choice.

73 /mike

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

1999

- 17 Oct Jimmy Fund Marathon ®
- 17 Oct MIT Flea
- 21 Oct BARC General Meeting
- 23 Oct Antique RC Flea (Nashua NH)
- 4 Nov BARC Business Meeting
- 5 Nov HCRA Auction (Feeding Hills MA)
- 6 Nov Interstate RS Flea (Manchester NH)
- 18 Nov BARC General Meeting
- 20 Nov Waltham ARA/1200 RC Auction (Newton)

2000

- 22 Jan Antique RC Flea (Nashua NH)
- 16 Apr MIT Flea
- 12-13 Hoss Traders Flea (Rochester NH)
- May ARRL NE Div Conv (Boxboro)
- Aug

® = 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.

Ham Gear for Sale

Kenwood TM-201A 2 Meter FM Transceiver
10 memory channels plus Priority and Alert features.
\$75

AEA IsoLoop 10-30 Antenna Control Box and 100 ft control cable.
\$150

N1YDF
Jonathan Belinowiz
11 Aspen Rd
N Reading, MA 01864

Work: 617-985-2370
Home: 978-276-1965

jfbelinowiz@statestreet.com

Your Ad Could Have Been Here

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

FCC Relaxes Rules For Spread Spectrum

From ARRL Bulletin 62 ARLB062
Newington CT September 9, 1999

The FCC has relaxed rules governing the use of spread spectrum techniques by radio amateurs and opened the door to the possibility of international spread spectrum communication. The Report and Order in WT Docket 97-12 adopted August 31 concludes a proceeding that originated with an ARRL petition in December 1995 and has been pending since 1997.

The FCC adopted rules that will allow Amateur Radio stations to transmit additional spread spectrum emission types. Once the new rules become effective November 1, hams will be able to use techniques other than frequency hopping and direct sequence spreading.

The new rules require that spread spectrum stations running more than 1 W incorporate automatic transmitter power control. Amateur stations using SS are restricted to a maximum power of 100 W.

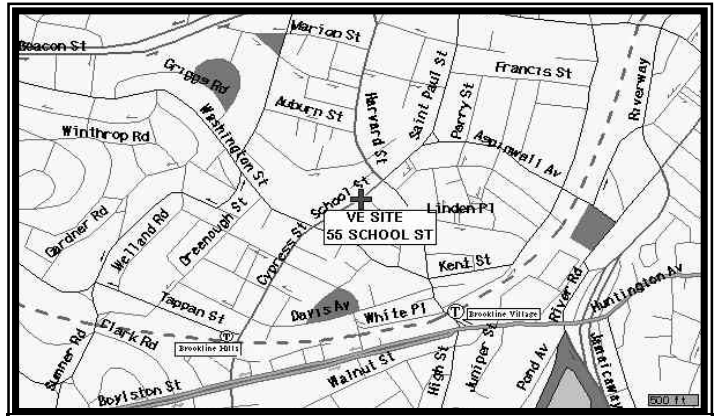
Roanoke Division Vice Director Dennis Bodson, W4PWF, who has followed the League's Spread Spectrum initiative through from start to finish was pleased with the outcome of the proceeding. "I'm very happy," he said. "The League got everything it wanted and more--all of which, I believe, will help to promote this mode on the amateur bands."

A copy of the FCC's complete Report and Order is available at

<http://www.arrl.org/announce/regulatory/wt97-12>.



General Meeting – Boston Salvation Army
Corner of Berkeley St. and Columbus Ave.



VE Session – Pierce School
50 School Street, Brookline, Room 110 next to the cafeteria

BARC Officers and Staff

President: Ed Hennessy, N1PBA;	781.391.8257; n1pba@qsl.net; N1PBA@KA1TUZ
Vice President: Dick Doherty; KA1TUZ	617.969.4880; kalutz@gis.net; KA1TUZ@KA1TUZ
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Membership: Arthur Ashley, N1NHZ;	617.661.2988, arthura@ix.netcom.com
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Newsletter Editor: Paul Carter, N1TMF;	617 232 6982; pvc@tiac.net

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

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

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

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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 (PL 88.5)
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 (PL 107.2)
M 8:30pm	Falmouth Amateur Radio Association Monday Net	146.655
M 9pm	BARC Club Net	145.23 (PL 88.5)
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 (PL 67.0)
Tu 9pm	EMA Public Safety Net	145.23 (PL 88.5)
Tu 9pm	NETARC Satellite Net WIME (ex K1MON)/NCS	446.575 (PL 88.5)
W 8pm	CW Practice Net	145.41 (PL 74.4)
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 (PL 88.5)
Sa 8pm	South Shore Skywarn Net	147.18 (PL 67.0)
Su 9:30am	Yankee SSB Net (6M)	50.275
Su 3:30pm	Youth Net	3.970
Su 7pm	Algonquin Amateur Radio Club Net	53.470 (PL 100.0/71.9), 223.860 (PL 241.8), 446.675 (PL 88.5)
Su 8:30pm	NSRA Net (with Newline)	145.47