



Established: 1964

North Shore Radio Association News

SPRING 2007

Editors: Kathy (KB1LPW) & Rick (KB1LYJ) Savage

www.nsradio.org

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member

Meetings: Third Monday of the Month (September to June) at 7:30 P.M, at the South Congregational Church, 60 Prospect Street, Peabody, MA (talk-in 145.470/R)
Weekly club NET: Sundays at 20:30 (8:30 P.M.) on the 145.470MHz PL of 136.5 Danvers Repeater

CLUB BOARD OF DIRECTORS

(all emails:
Callsign@nsradio.org)

President:
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Club Trustee:
Lou Harris
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NEW MEETING NIGHT...

Due to a scheduling conflict with a group at the church, we have been asked to move our General Meeting night to the 3rd Monday of the month. This means that the Board Meeting will also move by 1 week to the 2nd Monday of the month. This will be effective as of the May meeting. So the next General Meeting will be on Monday, May 21st with the Board Meeting on Monday May 14th.

REPEATER MOVE...

Ok, we actually did it. The equipment is in it's new home! We ran in to a few stumbling blocks, the main rack had to be completely emptied for the move due to the uneven terrain. When we put humpty dumpty back together, we had a broken cable connected to the controller for 47. After one attempt at fixing the cable, we tried to put the 6m controller in the 2m machine and suffered a second cable failure. We'll chalk that all up to the fact that it was Friday the 13th!

I'll have the cables repaired soon and the machines back on the air as soon as I can. With the marathon and everything else, look for it to be fixed no later than Tuesday.

At least we're out from under the tank and 440 is on the air.

- LOU, N1UEC

P.S. If you go to the files section of the yahoo groups site, you can see some pictures of the site NOT related to the fire of April 7th .

NEW MEMBERS...

We welcome the following new members to the NSRA:

KB1OHY, Richard Ringer from Danvers
KB1OHB, Nora Nagle from South Boston
W1MAW, Mark Watson from Beverly
KA1GIJ, Paul Anderson, from Reading
KB1OUM, Christopher Boles from Peabody

In This issue...

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...and much more



GREAT TO WRITE...

One of the window dressings we have as a club, is the **NSRA News**, our newsletter, some clubs have great ones others not so great, and still others have none at all. When you examine a club, homegrown, a newsletter can only be fun, if you like the comment, point of view, or discussion written, then great, at the next meeting you can tell us. If you think it is a lousy comment written by a not so great member, than by all means tell the person that. Ask questions seek answers can all be put forward by a short article for the next newsletter .

Newsletters are a great place to editorialize, see how many agree or disagree, simply put it is the wonderful art of communicating. My point is that yes we have a net, repeaters etc. but it is our newsletter that gives an account of the club, its members, and its management, in membership, technical, speakers and meeting, time changes and place. A record for others to see. Each week at our net we state out "If you want a copy of our newsletter, than state so at the time of your check-in," and we will see that you get a copy"

I would hope that this is a recent, latest newsletter, with fresh updated news of the club, meeting time and upcoming public service announcement, just maybe that new person will be interested to help, join etc. all stated forth in a proud, well done, NSRA NEWS, and that net control will be able to send this to the person requesting.

The Savage family is standing by ready, willing and very able to do a great job in producing the Newsletter, I hope some members will feel good about this and send in a article, or two, or three.

My finale comment is that a newsletter can give, and gather information. Point being we are setting up a WBZ transmitter visit for late May, the date to be determined with WBZ radio chief engineer Mark. I will look forward to the Newsletter to give information on this along with Rowe, K1HRA. Wouldn't it be good if the newsletter got a "Letter to the Editor" on this field trip, good bad or just so so...We put effort in this and glad to do this but a feedback" letter" would give a record of this and share thoughts and information with others.
Best 73's

- Al Prudhomme, Jr. W1DUW

AMATEUR RADIO EXAMS...

Exams are being held on the fourth Saturday of each month, 12:00 Noon, at the Danvers Central Fire Station on High Street. E-mail W1DFL at nsradio dot org or W1ZT at nsradio dot org for information.

NEW FCC Drops Morse Code testing for ALL Amateur License Classes!

Upcoming 2007 NSRA Exam Dates:

April 28, 2007

May 26, 2007

June 23, 2007 (at Field Day -- Endicott Park, Danvers, MA)

July 28, 2007

August 25, 2007

September 22, 2007

October 27, 2007

November 24, 2007

December 22, 2007



NSRA EVENT COMMUNICATION TEE SHIRTS

Thank you to all who purchased a t-shirt. I still have some shirts left (sizes XXL, and XXXL - no XL's). The price has been reduced to \$10, and, if you would like to purchase more than one shirt, I can make the offer even better! Those 2X's and 3X's would fit wonderfully over a winter jacket, or foul weather gear! Please don't hesitate to send me an email if you're interested. Remember, all proceeds will be donated back to the NSRA. Thank you again

~Gordon, Kx1kty
kx1kty at nsradio dot org

NORTH SHORE ARES/SKYWARN NEWS...

The calendar says spring, but the snowflakes say winter! Thanks to all that have helped us during the past few storms, even though Mother Nature seemingly was on hiatus this winter. Special thanks to all those who reported during the Patriots Day storm, which proved to be another true test of our capabilities. Pictures can be found on the web page under the SKYWARN section. Have a picture and want it posted? Send it to pics@nsradio.org. You can also follow regional details on the SKYWARN program at the new web page, www.wx1box.org.

On the subject of SKYWARN, we have scheduled our area SKYWARN training location, which will be held in conjunction with the Beverly Emergency Management Group. The class will be held on Monday, June 18th, from 7-10 PM in the Beverly Emergency Management Classroom, 43 Airport Road in Beverly. This site can be accessed from the East Entrance of the Beverly Airport....just follow the signs. Any questions please let us know so that we can address them.

Matt – KB1MRH, our North Shore ARES AEC has been hard at work on our upcoming manual, and we are preparing for its first release in the coming weeks. This release will be confined to North Shore ARES members only, and will be considered an additional draft where things can be refined, added, or removed depending on the needs of our group. Please watch your email in the coming weeks for more details, and the opportunity to download your copy. Once we send it out, please make sure you read through it and familiarize yourself with all aspects of operating, and please let us know what needs to be added or updated.

The previous four-alarm fire at the repeater site demonstrated one thing to our ARES group...that of readiness and notification. Had people not notified us of the incident occurring at that hour of the morning, it would have gone un-noticed for us until the following morning. Please note that we can be notified of any serious incident at any time, and you can request special contact information from either Jim or Eric. Its better to let us know and have it be nothing (and we go back to bed) than not let us know and it be a potentially major situation. Kudos to those that stepped up during the fire to let us know what was going on!

Finally, looking ahead to June, we find the return of the Statewide Hurricane Exercise on the evening of Monday, June 4th. This exercise involves several participants from around the state. Certainly fun for all, this exercise is an opportunity for all of us to test out various potential aspects of readiness should a true hurricane (or any emergency) strike our area. Make sure you read up on net procedures and be ready for anything.

Remember, if you would like to get involved with ARES and SKYWARN in the area, please contact Jim – KB1KQW, North Shore ARES Emergency Coordinator, and Eric – KA1NCF, North Shore District Emergency Coordinator. We can be reached via our joint email address ares@nsradio.org. Thanks once again to all for helping make our team a huge success!

- Jim Palmer, KB1KQW
North Shore ARES Emergency Coordinator
North Shore Asst. SKYWARN Coordinator



OUT AND ABOUT WITH AL...

For those, like myself, that enjoyed the Hosstraders in their various locations, and now in Hopkington, N.H., it was good news to hear of another group to continue holding it. Certainly the group who ran it, has the right to pull the plug. But it was my feeling, they did it quickly and almost like "there you hams, we don't want to do it anymore, and your not able to use our name...we ran it, things change-goodbye..." A good operation with a large, loyal following, built over many successful years, builds on this and passes the torch on, by teaching and mentoring, a new group. I like the Hamfest, will camp out Friday under the pines, and I know will see a few members there, when held in early May. I plan to tell the new operators thanks and good success.

The BPL situation, seems to just go on and on, I reported on the latest activity when I went to the ARRL cabinet meeting in January and was a major topic for discussion. Then again in the March QST on page 69 it again is discussed...In both instances it discusses the FCC inability to understand technical cause and effect, even when engineering skills and practice show beyond doubt that RF radiated over wire in the HF spectrum causes interference. But then again bureaucratic lawyers and political want -a- bees aren't going to get very far out the door for their next fundraiser, and next political hack opportunity...The article discusses how the FCC dismisses a Virginia BPL complaint-(well worth reading).

Now Massachusetts will get our first taste to be started this summer. The Selectmen have chosen BPL for the town of Concord. It is planned to be a long and powerful system, in which the contractors, will be encouraged to filter out any offensive frequencies, such as the ham bands...It bears to watch and I am sure the ARRL will have an interest...The company to do this? the selectman I talked to only would say, " we are still in negotiations with several and won't know for a little while longer".

As you know I do the net, once, each month, and many thanks for great support every Sunday at 8:30 PM. I mentioned earlier a request, all who check in, stick around, and make comment when roll call gets to you, Its great to see much more participation every time...Its great for the control operator to have this . Thanks for all the enthusiasm and Comments.

The April meeting was on model radio-control aircraft, with a concentration on model helicopters, with some footage on flying a r-c model and also a film surprise on a trip by helicopter around and into the Grand Canyon...We were honored to have as guest speaker Mr. Mel Sorez. Mel is a licensed pilot and flies the real ones often, but also enjoys model radio control model planes and helicopters. We hope that you enjoyed meeting Mel and hearing about his life and native land of Cuba, it is a interesting and complex story.

Til next time best 73's Al Prudhomme,Jr. W1DUW

FIELD DAY - weekend of June 22-24th...

Field day is approaching fast...The Committee has had a few meetings and will be spending the May and part of June Members Meeting talking and recruiting for the Big weekend of June 22nd to 24th. We have our next planning meeting scheduled for May 7th at Denny's at 7:00 P.M.. All are welcome to come and join us. We have already gotten several station Captains that are working on getting their stations ready to go. We also have several people who have taken on section on both the Set-up and Take-down but we can still use your help. So if you want to help, please watch the web site for a New field Day Section coming in the next weeks

- *Field Day Committee*



THE NEW ENGLAND AMATEUR RADIO FESTIVAL (NEAR FEST)...

Spring dates – May 4th & 5th

Fall Dates – October 12th & 13th

The NEW ENGLAND AMATEUR RADIO FESTIVAL (NEAR-Fest) will hold its' Spring 2007 get-together and flea market on Friday May 4th and Saturday May 5th at the Deerfield Fairgrounds located on Highway 43 in the Town of Deerfield, New Hampshire USA.

The Festival is not to be confused with the "Hosstraders" Flea Market that was formerly held at the New Hampshire State Fairgrounds at Hopkinton NH (and several other NH locations) the first weekend in May and October. Thirty-three years ago Joe, Norm and Bob the three "Hosstraders", started what has become a highly popular and much beloved New England amateur radio institution. The NEAR-Fest was instituted to retain this wonderful tradition.

Convening in May and October, the NEAR-Fest celebrates the wonderful art and science of Amateur Radio. Licensed or not, ALL are welcome to participate in the fine art of buying and selling equipment, scrounging, wheeling and dealing while enjoying the fellowship and company of like-minded individuals of all ages. Vintage Amateur AM and military radio stations will be on-the-air from the grounds as a tribute to the "Golden Age" of amateur radio. The legendary flea market will offer all forms of radio and electronic treasures both current and vintage, common and the ultra rare. You never know what great deals and wonderful goodies you will find at Deerfield!

In addition to the flea market a number of commercial vendors will be present to tempt you with the latest and greatest radio equipment and accessories available today. In addition there will be VE exams to get your license or upgrade. There will be door prizes too and some of these are not minor! There's something for everyone at the NEAR-Fest!!!

Admission is \$10.00 from Friday 9:00 AM – 3:00 PM; \$5.00 thereafter. Vehicular admission to the grounds is \$10.00. There are no additional seller fees and no limit on selling spaces. Students (under 21) admitted free as our guests after 9 on Saturday. There is ample free parking immediately outside the fairgrounds. Overnight campers and tents are welcome. RV hookups are available for \$30.00.

More information can be obtained at : www.near-fest.com

EMERGENCY PREPAREDNESS...

It is springtime, time to start looking forward to nice warm weather, to start planning our gardens, think about public service events, become active in Skywarn. Most of us live on the North Shore and we all know that several of us live in areas that may have flash floods, hurricanes, etc. How many of us are prepared if we need to evacuate our home in an emergency?

If you had 10 minutes to leave your house for an indeterminate period of time.

- What would you take??
- Can you easily grab what you need?
- If you were to be stuck in your house for say 48 hours without running water or electricity? Do you have enough non-perishable food & a water supply?
- How prepared are we really? It is a scary thought that this may happen.
- But what should you have ready?

- Below is a list of items that you may want to consider having in an emergency bag/ case ready to go if needed

1 – Family Communication Plan

- know how to contact your immediate family if you become separated.
- identify a local spot to meet plus a spot out of the neighborhood
- know how to contact folks out of state

2 - Medications

- a few days worth of your prescription medications
- an up to date list of your medications
 - over the counter medication that you may take (such as tylenol, motrin, immodium, tums, etc)

3 - Pets

- food, treats
- vaccination papers

(Continued on page 6)



(Continued from page 5)

4 - Clothes

- a warm dry change of clothes
- a space blanket
- jacket, sweatshirt, something warm
- a rain poncho
- change of sox and underwear
- maybe a change of shoes

5 - Food

- at least 3 day supply of non-perishable food
- high energy foods
- water at least 1 gallon per person per day
- can opener for food
- utensils

6 – Evacuation Kit

- local maps
- water purifier tablets
- bleach and a medicine dropper to use as a disinfectant (1:9 dilution) or to treat water (16 parts/ gallon)

7 - Tools

- flashlight, fresh batteries
- duct tape
- dust mask
- wrench or pliers (to shut off utilities if needed)
- radio

- fire extinguisher
- matches (in a waterproof container)

8 – Important documents

- cash, travelers checks
- copies of credit card numbers
- birth certificate, passport
- license
- work related credentials
- CD/DVD of important papers, photos, etc
- pencil & paper

9 – First Aid Kit

- bandages, gloves
- soap, toiletries
- moist towelettes

10 – Review Kits

- Plan on checking kits and reviewing plans, check expiration dates, batteries supplies every 6 months, update as needed.

The above are just suggestions of what you should back, your Emergency Supply Kit should be customized to you and you family. If you would like to read more about specifics of what you should pack and or have ready check out <http://www.ready.gov> for some interesting information and downloads.

- Kathy Savage, KB1LPW

NSRA Repeaters

- All the following repeaters has the club callsign of **NS1RA**
- 145.470- Danvers (PL of 136.5), full functions including phone patch.
- 146.880- Salem, (PL of 118.8)
- 223.880- Danvers (PL 136.5)
- 442.800+ Danvers (PL of 136.5), full functions including phone patch
- 53.850- Danvers (PL 71.9)

All CTCSS tones on repeaters have the option to be turn off if needed. Dial "11" to turn off so that a non PL user can use the repeater, Please remember to turn PL back on with the code of "10"

Digipeaters

- 144.390 in Danvers, APRS Digipeater under the Call of NS1RA-1

144.390 in Beverly, APRS IP-Gate, Callsign of NS1RA-2

Go to to the APRS page for more information on this mode.



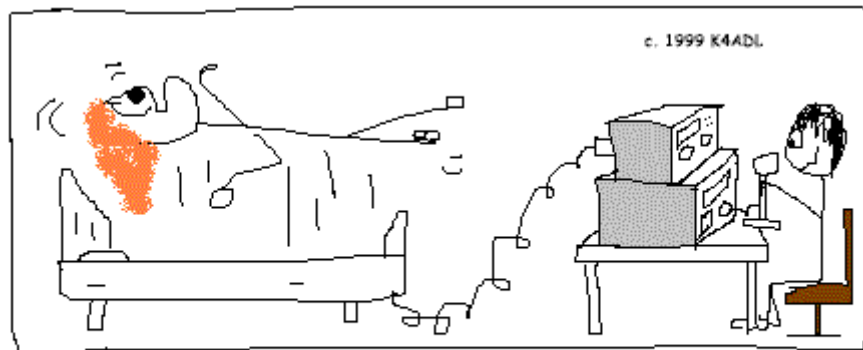
REPEATER STATUS...as of 4-13-07...

53.850 (-)	PL 71.9	Danvers	DOWN UNTIL AS LATE AS 4-17-07
145.470 (-)	PL 136.5	Danvers	DOWN UNTIL AS LATE AS 4-17-07
146.880 (-)	PL 118.8	Salem	OPERATIONAL — PL REQUIRED
223.880 (-)	PL 136.5	Danvers	OPERATIONAL
442.800 (+)	PL 136.5	Danvers	OPERATIONAL - NO FUNCTIONS
144.390		Danvers APRS	OPERATIONAL
144.390		Beverly I—Gate	DOWN UNTIL FURTHER NOTICE

*** IMPORTANT NOTICE: The 145.470 and 442./800 Danvers repeaters have been moved to the new site!!!. Please direct any questions to tech at NSRADIO dot org.
Thanks

FROM THE EDITORS...

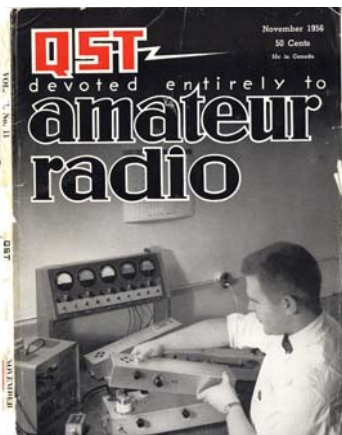
If you like what you see and would like to contribute an informational article, cartoon or other ham related information, the deadline for the next newsletter will be June 1st. Please send your information to LB1LPW and KB1LYJ at newsletter at nsradio.org.



ONCE A COMMON PRACTICE FOR APARTMENT D'WELLERS,
LOADING UP THE BEDSPRINGS IS NOW CONSIDERED POLITICALLY INCORRECT.

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LET'S HAVE AN AUCTION!... Fun and Profit for All
By EUGENE H. HASTINGS, (Swampscott, MA), W1VRK

(This is from QST, November 1956, shared with us by Nelson Dionne, AA1M0)

I think it was W5 mobile in QSO with I was talking about the usual things - signal strength, modulation, etc., when I mentioned that I had to sign off soon so that I would not be late for the auction. "What Auction?" he replied, kidding me about buying an old lamp or a ceramic umbrella stand. "The radio auction," I replied "what would I do with an umbrella stand?"

Now this W5 seemed a likeable chap - not in the least behind-the-times, for I had just had an enjoyable chat with him. How could he not know about ham auctions? "Never heard of anything like that down here," he said, "Sounds like a good idea!"

I began to wonder how many others "down there" or anywhere, for that matter, did not realize the fun to be had at a good old New England radio auction, where else can you pick up a box of ceramic insulators for 65 cents or an 813 for \$2.75? How was I able to build my 4-125A final for less than I had to pay for the parts for the exciter? I got parts at the auctions - and at the same time, got cash for a lot of the junk that had been cluttering up the shack for quite a while.

Most all the radio clubs in this area hold an auction at least once a season and often twice - usually in the spring and fall. The system is simple. The club treasurer takes a fee of 10% of the sale of the merchandise for the club treasury. - up to a maximum of 50 cents per item. The club member who has the loudest voice (or who has a PA system) and the best selling ability is chosen as the auctioneer. Often two or three act as auctioneers as it is easy to get hoarse (carbon mike style) and a breather is usually welcomed.

What You Can Expect

Some gear is donated to the club, boxes or crates of odds and ends - feed-thrus, broken window antennas, pieces of aluminum from a TV antenna, tubes that the old timer (and *only* the old timer) will recognize, a chassis with 532 holes drilled and filed here and there, panels with room for 5 or 6 meters (not supplied) tubes

from an old TV set (warranty expired), an a.c.-d.c. chassis (less a few parts), coax cable (unmarked and unknown), u.h.f. TV antennas (this is a v.h.f. area) and all sorts of other unmentionables - all are gladly given to the club in hopes that some one (the beating some of these fellows take!) will bid 25 cents and take the box home - lest the owners have to take it back to the basement from whence it came!

Large gear such as complete transmitters and receivers seldom are sold by the gavel. They are put up for bid, and often receive no bids at all and are put aside. But after the auction, a would be purchaser will contact the owner and there you are!

Meters are an important and popular auction item. These go from one dollar to three, depending on the whim of the crowd. Used television sets go for around \$15 and variable capacitors from 25 cents for the smaller ones or two or three dollars for the large transmitting type. 866's go for around 50 cents and often a pair of sockets are thrown in too. Filament transformers will sell for a dollar up - even real huskies! Coils will be auctioned for around one fifth of their original price. Homemade coils are given away to the youngsters. Giant broadcasting tubes are often sold for about a quarter to be used as shack ornaments, and microphones are bought for an average of \$5. Fixed capacitors, the high voltage type that often cost \$9, will sell for 50 cents to a dollar each. Resistors will be sold for about one dollar per bag full! Crystals bring as much as 75 cents per box, and pilot light assemblies a dollar a bag.

Then of course there is the surprise of the evening - the grab bags. Some will contain money donated by the treasury (these are auctioned off first to get things rolling!) but most will be assorted resistors, capacitors, and hardware. The grab bags (with the proper spirit generated by the auctioneer) will sell for around a dollar to a dollar and a half each.

There is the sad story of the home-brew equipment that brings so little on the auction block! It seems there is not faith in the skill of one's fellow man! But what a bargain in parts is to be had. The big job is to keep your eyes open and quickly realize what is being auctioned may work into the new rig (with a slight change and at a fraction of the original cost! It is this quest for a bargain that keeps sleepy hams awake 'til nearly midnight, trying to see each piece of gear from what always seems like the back row of the hall!

One piece of equipment seldom found at auctions is a good used rotator. Another rare one is a power supply, for these items are much in demand. Quantity is the word when it comes to surplus gear - hundreds of pounds of khaki equipment pass through the auctions each year, at a very low price. The majority of hams do not know the use to which several of these surplus items can be put (and I'll admit I'm one of these fellows) but much gear is available or parts alone - parts which are usually very



much underrated when it comes to current capacity or voltage breakdown.

Equipment comes in old cartons or baskets, and there are always bundles of QST's that bring from 75 cents to \$1 a bundle – only to show up at the next auction to be read by someone else! These copies range from nineteen – thirties up, and make interesting reading. /Backdated Handbooks and Call books are frequently offered.

How It's Run

The front of the hall is usually set up with several tables. On these tables gear to be auctioned is on display for about a half-hour before auction time. Each piece of equipment must have on it a tag, telling the auctioneer just what the piece of equipment is, it's ratings, and who owns it. The treasurer and his assistant (and an assistant *is* necessary) note the price tag the gear is sold for and this figure is written on a file card – a separate card for each person who has gear to be offer. This filing system is necessary to keep the records easy to fins, for when the auction is over (usually near midnight!) everyone wants to get his money and go home! One fellow usually marks the cards and figures the club commission and the other weary ham is the paying and receiving teller. The gear is paid for by the purchasers as it is bought. The card tally must be accurate, as gear is auctioned at a rapid rate and mistakes are easy to make!

The auctioneers, junior grade, are important too. These happy hams keep the auctioneer at his rostrum supplied with things to offer the eager audience. An assistant's job often consists of holding a power transformer high above (*uhg!*) the table so it may be seen by all! The assistant is also responsible should a carton break open and three pounds of lock washers scatter hither and yon, as they often do!

Most clubs, use the "minimum" method of merchandising – that is, if a fellow has a piece of gear to sell, and he wants to get at least, say, \$2.00 for it, he will put "Two dollar minimum" on the tag. The auctioneer may try to get the bid up to \$2 by starting it at the usual 25 cents, but must announce the two dollar minimum if the bids don't get that high, so the \$1.75 bidder, for example, will realize he won't buy the gear for his bid of \$1.75. The protection thus afforded the seller helps guarantee some good gear at the auction, and often as not the bids do get above the minimum. An alternate method is to have no minimum at all – but have the seller (unknown to the crowd) bid himself on the merchandise trying to get the price up to the desired level. He can buy back his own gear, and pay the club treasury the usual 10% fee – up to the maximum of 50 cents. Of course this way the seller has to be constantly "on guard" so that his gear does not get auctioned off during the time he is rag chewing. Many do not prefer this method, although there are some who strongly favor it as a time saver when there's lots of gear to be auctioned off.

How To Get Started

As the photograph shows, there's nothing fancy about a ham auction! To really get an auction going, help clean out the cellar or attic of a ham you know has lots of stuff he doesn't need. Convince him that he can get some cash for things that he really has no use for., Some of the old timers really have some good parts for building new rigs and power supplies – parts which they themselves will not want to use again.

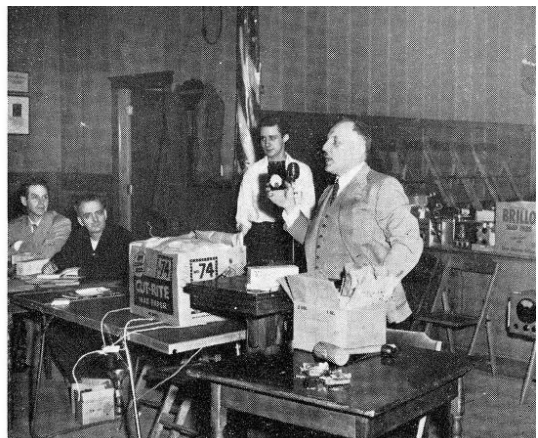
Local radio supply houses are often willing to donate items for the goodwill and publicity gained thereby. Usually these items, ranging from soldering irons to grid-dippers, are raffled off – the money going to help the club treasury swell. Tickets usually sell for ten cents each or three for a quarter. Near the end of the evening, usually at a specified time, the winning ticket (or tickets) is drawn and the lucky holder goes home with his prize.

Very often the meeting hall regularly used by their club isn't big enough to hold the capacity crowd of a ham auction. The attendance often consists of members from several other neighborhood clubs, as well as those seldom-seen members of your own organization. Locally clubs have been able to use the school auditorium or gymnasium, legion hall or a civic group building.

Publicity well ahead of time is important. Often the most effective are frequent over-the-air mentioned of the auction, and invitations sent to clubs in nearby towns. Just before the big night, a paragraph in the local newspaper helps to bring in those who have missed hearing about the sale over the air.

Auction night is a wonderful time to catch up on those delinquent membership dues, for a fellow may miss several meetings but is most always on hand for an auction! It's a good time to collect for those overdue QST subscriptions too!

Auctions are a lot of fun – why don't you try one soon?



One of the more popular auctioneers, in the New England area, Louie Rizoli, W1AAT. At the Yankee Radio Club, Salem MA. Lou's comedy helps sell quite a bit of merchandise. Lou uses 2 assistants, with W1GHD shown in photo. On the extreme left are the 2 treasury men, W1SAK & W1COH.



DATE	EVENT	EVENT INFORMATION
Sunday, April 29th	YMCA Ring Around the Neck Marblehead, MA	Running race around Marblehead Neck - assignments to be out soon
Sunday, May 6th	Walk for Hunger Boston, MA	<i>On our list to help get Hams,. Check out http://cpsg.amateur-radio.net for more information</i>
Saturday, June 9th	ADA—Tour De Cure bike ride Cape Ann Area	Bike ride for diabetes
Saturday, June 22nd to 24th	FIELD DAY—Endicott Park. Danvers, MA	Annual Field Day event
Monday, July 3rd	Horribles Parade Gloucester, MA	Parade in Gloucester
Tuesday, July 4th	Manchester-by-the-Sea July 4th Parade	Parade in Manchester, MA
Saturday, July 21st	Blackburn Challenge	Rowing Race around Cape Ann, Gloucester, MA A great day on the water
Sunday, July 22nd	Reid's Ride—Bike Ride from Lynn, Ma to Gloucester, MA	Bike ride for a Cancer charity
Monday, September 3rd	YMCA Cape Ann Run Gloucester, MA	Running races around Gloucester area
Saturday, September 8th	Cycle 4 Life Marblehead Ma to Ipswich, MA	Bike ride for cancer
Sunday, September 9th	Beverly Triathlon Beverly, MA	Swim, Bike Ride, Run, triathlon
Saturday, September 15th	Special Olympics Bike Ride Topsfield, MA	Bike Ride in the Topsfield area
Weekend, October 19th of 21st	Head of the Charles Regatta Cambridge MA	Contact Jeff at K1EMS at nsradio.org
Sunday, November 25th	Santa Claus Parade Gloucester, MA	Parade in Town



North Shore Radio Association Membership Application

Date: ___/___/___ ___ New ___ Renewal ___ Update Info ___ Donation
Call sign: _____ Class: _____ Year first licensed: _____
Name: _____ Name on air: _____ B-Day: _____
Address: _____ City: _____ State: _____ Zip: _____ - _____
Phone (Home): _____ (Work): _____ ARRL #: _____
E-Mail address: _____ Web Page: _____
If on the Internet: ___ Newsletter via Internet ___ YourCall@nsraio.org mail Address
Your capabilities (bands, modes etc.): _____
Other hobbies & interests: _____
Referred by (if any): _____

Type of membership requested (check one):

___ Full ___ Student (full-time) ___ Associate (family member)

If Associate, Call sign of the Full member in your household: _____

Dues:

Full = \$20 Student = \$5 Associate = \$5 **New members add \$5 initiation.**

Partial Year: Sept. - Nov. = \$20, Dec. - Feb. = \$15, Mar. - May = \$10,

June - Aug = \$20 (Credited to next year's membership. (3 months free)

[New members will receive a personalized NSRA Club badge with their call and on-air name displayed.]

Amount enclosed: _____

Mail to: NSRA RENEWALS PO BOX 3724 PEABODY MA 01961-3724

