



Established: 1964

North Shore Radio Association News



member

WINTER 2010

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

www.nsradio.org

Mailing Address: P.O. Box 3724
Peabody, MA 01961-3724

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:
Mark Caron
N1UGM

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KB1LYJ

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W1KVQ

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Eric Horwitz
KA1NCF

Club Trustee:
Lou Harris
N1UEC

FIELD DAY SCORES...

THE SCORE IS IN:

NS1RA = 13,652 Points

#1 in EMA out of 27
#1 in 5A EMA Not Really We were the only EMA 5A!
#2 in 5A Category out of 67
#4 in New England out of 140
#17 Overall in All out of 2612

Thanks to all that helped make it happen!!!

Eric

Welcome New Members...

We welcome the following members to the club:

Michael Bencal KB1TPR from Salem
Bernie Bowers KB1TKH from Burlington
Irving Foster Brown (Foster) KB1TKE from Lynn
James Marrs (Jim) N1PXY from Peabody
Nicholas Melanchook KB1SZW from Saugus
John Puskarik (Push) KC2CQI from Beverly
John Russell N1WCZ from Lynn
Toni Sloan KB1TEJ from Lynn
Anton Verhulst (Tony) W1DYS from Tewksbury

When you see them at club or hear them on the air, introduce yourself and give them a warm welcome.

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Winter Projects

Jim Bradley, KB1JKJ

During the winter months when we don't have many public service events, it is a good time to look at what worked and what did not work during last year's public service events. Here is a winter project that worked for me this past year.

My question last year was "How do I quickly set up a 2 meter antenna for net control?" The system I came up with starts with antenna mount. This antenna mount is made using a 1" to 1/2" Schedule 40 PVC adapter, a feed-thru adapter with SO-239 connector on both ends and a 5/8" flat washer.



To store and transport the antenna, a Comet SB14 (4) I use a 5 foot length of pipe with end caps. To hold the end caps in place during transportation of the antenna I use a 1/4 -inch pin. →

Once I get to the event, I can use 5 foot length of pipe as the mast (1). By adding a 1-inch coupler (2) to the 5 foot length of pipe allows the antenna mount (3) to be inserted into the other end of the coupler.



This can then be tie wrapped to a fence or railing to support the antenna (4).



Using these basic parts as a starting point you can expand your antenna system by adding a couple of other items.

The first is a table tripod stand for the antenna. This is made from a 4-inch long piece of 1-1/4-inch of PVC pipe, three 45 degree 1/2-inch angles, three 1 foot pieces of 1/2-inch PVC pipe, a 1-1/4-inch coupling and a 1-1/4 x 1-inch adapter. After assembling the tripod you need to drill a 3/4-inch hole to allow the antenna cable ends to pass through the center of the tripod.

For outside use I purchased an On Stage Tripod Speaker Stand on eBay (You can get two stands with a storage bag for about \$70.00). The 1-3/8-inch shaft (5) on these stands is the same size as the inner 1/4-inch PCV pipe. To adapt these stands for my use I pressed a 4-inch long piece 1-1/4-inch PCV pipe (6) onto the 1-3/8-inch shaft (5). To this I added a 1-1/4-inch coupling (7) and a 1-1/4 x 1-inch adapter (8). This allows either the antenna mount (3) or the 1-inch pipe to be installed to the end of the shaft.

Both of these tripod stands can be easily transported and can be quickly set up at public service events.

I am always looking for ways improve and expand on these building blocks; E-mail me your ideas or suggestions at kb1jkj@arri.net.



SILENT KEYS...

Mel Cole passed away on November 10, 2009 with his loving family by his side. He was an avid Ham Radio Operator, WZIQ. One of his achievements was the DX Century Club which he achieved by making over 300 contacts. He and Gene Hastings, W1VRK were friendly competitors, One of the highpoints of his amateur career was the "Can Do" demise. Mel was the last one to talk to the "Can Do" skipper as his boat sank.

Mel was also an active sailor spending many weekends at Cuttyhunk with many other sailors. He will be sorely missed.

William C. Woods Sr., passed away on December 7, 2009. He was an avid Ham Radio Operator, W1QQL. He served as an Auxiliary Police Officer in Marblehead. He was a member of the Blue Knights Motorcycle Club,



The First Massachusetts QRP Convention (MassCon) will be held March 12-13, 2010 in the Westford Regency Inn Conference Center in Westford, Massachusetts. Presentations from leading figures in the QRP world will be made from 8 AM through 5 PM on Saturday (March 13). Speakers expected to present include Allison Parent (KB1GMX), Dave Siegrist (NT1U), Bruce Beford (N1RX), Chuck Kitchin (N1TEV), Michael Rainey (AA1TJ), John Sexton (KO1H), and QRP Hall of Fame members George Heron (N2APB), Joe Everhart (N2CX), and Dave Benson (K1SWL). Nobel Prize winner Joe Taylor (K1JT) will round out the event.

In addition to the Saturday seminar, a Friday evening gathering will be held on March 12, 2010 for attendees to meet the speakers, browse through vendor offerings, and do a little show-and-tell of their own.

Finally, a banquet will be held at the conclusion of the conference. Steve Galchutt (WG0AT) will keynote the event showing movies and talking about operating portable QRP, and hiking the peaks of Colorado with his pack goats Rooster and Peanut. Ticketing for the banquet is separate from the conference.

Registration is \$25 in advance, \$35 at the door. Banquet seats are \$40 and must be purchased in advance. Seating is limited. Details about how to register for the event, obtain hotel reservations at the conference rate, and obtain banquet tickets are on the conference web site <http://www.masscon.org>.

FRAMINGHAM AMATEUR RADIO ASSOCIATION SPRING FLEA MARKET AND EXAMS...

The Framingham Amateur Radio Association Spring Flea Market and Exam will be held on Sunday, April 11, 2010 at their new location at the Keefe Technical School, 750 Winter St, Framingham, MA. The doors open at 9 AM. Admission for buyers \$5.00.

For information on sellers tables, please contact Bev N1LOO, call her at 508-626-2012 before 9 P.M.

For exam information contact Jim, W1EQW at 508-435-6487

Talk in 147.15 repeater

For more information go to <http://www.fara.org/flea/>



NORTH SHORE ARES/SKYWARN UPDATE...

SKYWARN training time is upon us, and I am working to bring a training session to the Essex County area, as well as one in Middlesex County. If you know of a location that is free of charge and can hold approximately 100 people with ample parking, please let me know as this may be a potential training site. Remember, to be a SKYWARN spotter you must be at least 16 years of age, with exceptions made for Scouts and Ham Radio operators on a case-by-case basis.

Also on the SKYWARN front, we are pleased to mention a new partnership between the SKYWARN network and the NECN weather department. As several of you may have noticed, Meteorologist Matt Noyes has done an outstanding job over the past few storms promoting SKYWARN and Amateur Radio during his storm coverage. You can see this collaboration in action during NECN's "Storm Central" coverage during significant weather events. If you have damage or other storm related photos, please email them to us at pics@nsradio.org, and your pictures could be the next ones used on-air by several Boston TV stations that collaborate with SKYWARN, or in our frequently produced SKYWARN recap videos. The more pictures the better!

While not requested, several hams throughout the North Shore (and the Eastern MA Section) have stepped up to monitor several frequencies for traffic from the earthquake rattled Haiti region. A special thank you goes out to each and every operator that has offered their assistance in any capacity (from donations to traffic handling). Remember the monthly ARES net is a great way to participate in ARES and this takes place on the first Monday of every month at 20:30 on the MMRA network, or on the New England reflector on Echo-link (*NEW-ENG*). If you are registered in the Eastern MA ARES Database, now is a great time to log on and check your contact information and update your training record to ensure the most accurate information possible in the event of an emergency. Please let your EC or DEC know if you have any questions.

As always, anyone interested in joining the North Shore ARES/SKYWARN Team should contact either myself or Eric Horwitz - KA1NCF, North Shore ARES District Emergency Coordinator, for more information. We need your help, and are always looking for Net Controls, home stations, simplex relays, and more. Everyone has a talent to bring to the table, let's bring all our skills together and continue to provide one of the best ARES teams in the section!

Jim Palmer – KB1KQW
Eastern MA Asst. Section Emergency Coordinator
North Shore MA Asst. SKYWARN Coordinator



CREW 47 KB1PAL...

On the 29th thru 31st of January, the members of Venturing Crew 47—KB1PAL attended the Lone Tree District Winter Camporee at Lone Tree Scout Reservation in Kingston, NH. Their primary operation on the night of the 29th consisted of directing parking and road logistics within camp to better facilitate the arrival of nearly 250 participants. Then after a very, very VERY cold night of sleeping with air temperatures near 2 or 3 with a wind chill in the negative digits, our illustrious crew advisor kept getting up during the night in the search of a mysterious beeping radio (due to a low battery from someone's HT). While he was up he graciously kept the fire going to heat the cabin.

When we awoke the next morning, we prepared for a rigorous day of activity ahead of us. The camporee's theme was the Great American Sled Race and sent the participants "All Around the World" to many various countries. The Crew for the weekend was, in essence, the country of Panama. At this station, scouts would demonstrate their skills of encoding, sending and decoding messages using semaphore flags. Some other events included snow shoe basketball, rifle shooting, lashings and fire building. After a long day of racing through the illustrious hills of LTSR, the scouts went back to their campsites to prepare international cuisine. After partaking in many interesting dishes, we all gathered around the campfire to sing songs and participate in a wonderful program of skits, songs and cheers.

After all the campers had gone back to their camp sites, the crew had gathered around our own fire in the cabin and then began our monthly crew meeting to plan for new and exciting upcoming events. All in all the day went very well. During the day we had been using the equipment that was purchased with the grant we received from ARRL. The equipment used included: Kenwood TM71AS and a Comet GP3 antenna. After a very productive meeting we all settled down for another cold (although much "warmer" than the previous night) and much needed night of sleep.

From the desk of President
Andrew Barden, KB1NEG
Typed by
Jason Sample, KB1PQB
Edited by Jim Palmer, KB1KQW



VENTURING CREW 47 EQUIPMENT PURCHASE...

Shown below is a picture of the equipment purchased with a grant provided by the ARRL Foundation, We were able to purchase the following equipment and still have a small amount of funds remaining for future purchases.

Shown:

Kenwood TM-V71A 2M/440 Mobil transceiver
Samlex SEC1235M 35A Power Supply
Comet GP-3 Antenna
Yaesu FT-60R HT with Spare Battery and Rapid Charger
30 Piece field Adapter Kit
50 and 100 foot lengths of 9913 Coax

Not Shown:

HF/VHF MFJ SWR Meter
Kenwood HT Battery for donated HT



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 our Exam Session Coordinator W1DFL at nsradio dot org or W1ZT at nsradio dot org for information (no links to prevent spam).

Upcoming NSRA Exam Dates:

February 27, 2010
March 27, 2010
April 24, 2010
May 22, 2010
June 26, 2010
July 24, 2010
August 28, 2010
September 25, 2010
October 23, 2010
November 27, 2010
December 2010 -- No Exam due to Holidays





The 2010 ARRL New England Division Convention will be held on August 26th to 29th with special programs on August 26th & 27th. The general convention is on August 28th & 29th. Mark your calendars now. The programs are still in development. So be sure to check out the website www.boxboro.org.

NSRA Repeaters

- All the following repeaters has the club callsign of **NS1RA**
- **145.470- Danvers (PL of 136.5) (Echolink-IRLP)**
- **146.880- Salem, (PL of 118.8)**
- **223.880- Danvers (PL of 136.5)**
- **442.800+ Danvers (PL of 136.5)**
- **446.625- Salem (PL of 88.5)**
- **53.850- Danvers (PL of 71.9)**
- **927.750- Salem (PL of 131.8)**

Digipeaters

144.390 in Danvers, APRS Digipeater-IP-Gate Call of NS1RA-3

145.470 (-)	PL 136.5	Danvers	OPERATIONAL - PL REQUIRED *ON SPLIT ANTENNAS - REDUCED COVERAGE IS POSSIBLE***
146.880 (-)	PL 118.8	Salem	OPERATIONAL
223.880 (-)	PL 136.5	Danvers	OPERATIONAL
442.800 (+)	PL 136.5	Danvers	OPERATIONAL - NO FUNCTIONS
446.625 (-)	PL 88.5	Salem	OPERATIONAL
53.850 (-)	PL 71.9	Danvers	OPERATIONAL
927.750 (-)	PL 131.8	Salem	OPERATIONAL
144.390		Danvers APRS I-Gate	OPERATIONAL
EchoIRLP	#4427	On 145.47 R	OPERATIONAL

Please direct any questions to tech at [nsradio dot org](mailto:nsradio@nsra.org). Thanks!



PUBLIC SERVICE CALENDAR of SCHEDULED EVENTS FOR 2010

Contact eventnsra at nsradio dot org for more information & to sign up for events

Monday, April 19th	Boston Marathon	Contact Eric—KA1NCF got more information
Sunday, April 25th	YMCA - Ring Around the Neck	Running Race
Sunday, May 2nd	Walk for Hunger, Boston	20 mile walk in Boston
Sunday, May 22nd	ADA—Tour De Cure bike Ride	Bike ride on the North Shore starting in Gloucester
Weekend, June 25th	NSRA field Day	National Contest Weekend
TBD	Horrible 4th of July Parade, Gloucester	Parade in Gloucester
TBD	Manchester by The Sea July 4th Parade	Parade in Manchester
Saturday, July 17th	Blackburn Challenge	Rowing Race around Cape Ann, A great day on the water
Sunday, July 18th	Reid's ride bike ride from Lynn to Gloucester	Bike ride for a Cancer Charity
Sunday, July 25th	Cycle 4 Shelter	Bike ride
Sunday, August 8th	Gloucester Triathlon	Triathlon in Gloucester
TBD	Special Olympics bike ride, Topsfield	Bike ride in the Topsfield Area
Monday, September 6th	YMCA Cape Ann Run, Gloucester	Running races around Gloucester area
TBD	Cycle 4 Life bike ride for Cancer, Marblehead to Ipswich	Ride for Cancer from Marblehead to Ipswich
Weekend, October 22nd	Head of the Charles Regatta	Contact TBD
Sunday, October 28th	Santa Claus Parade, Gloucester	Parade in town

From the Editors...

If you like what you see, or feel something is missing & you would like to contribute (ideas include: an informational article, cartoon or other ham related information) we would like to have your information/ input. The deadline for the Spring issue will be April 12th. Please send your information to KB1LPW and KB1LYJ at newsletter at nsradio.org.



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@nsradio.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

