



The Whitman Amateur Radio Club, Inc.

February 2010

# SPECTRUM



The Voice of the Humble Electron

Founded 1962

**PRESIDENT'S MESSAGE:** This is **Paul N1VTI** - Plans for Technician classes are progressing. A notice announcing the classes went out to South Shore Hospital employees. 9 students have signed up so far.

**HAVING FUN:** **Bruce Hayden N1IX** reported that he, along with **John Coombs WQ1L**, **Paul Moss KB1MTW**, **Jeremy Breef-Pilz KB1REQ**, **Jeff Lehmann N1ZZN**, **Jim Tynan KC1JET** and **John Duprey KB1SVY**, attended the Marlborough Flea Market.



**Paul Burbine**  
**N1VTI**

**Bruce Hayden N1IX** reported that he saw **Ross Hochstrasser W1EKG**, along with **John Duprey KB1SVY** and his wife **Michelle SWL** at the Antique Radio Flea Market in Westford.

**John Duprey KB1SVY** reported he built a J-Pole antenna for home use. **Richard Metcalf KB1TEH** reported he installed a new high gain 2-Meter antenna at his QTH. **Jeff Lehmann N1ZZN**, **Gary Cumiskey W1GRC** and **Jeremy Breef-Pilz KB1REQ** reported that they went on a tour of the WTAG AM Radio Station in Worcester

**EMERGENCY COMMUNICATION WORKSHOP:** **Phil McNamara N1XTB** reports that he helped sponsor an ARES EMCMM Workshop on January 23<sup>rd</sup> in Middleboro, MA. that was attended by other Whitman Club members **Bob Loring K1REL**, **Loren Pimentel N1IQI** and **Ron Smith N1PXX**.

**PUBLIC SERVICE TRAINING:** **Bruce Hayden N1IX** reported that he, along with **Neal Harrington KB1LXL**, **Paul Moss KB1MTW**, **Jeff Tracy N1SOM**, **Bill Hayden N1FRE**, **Mike Supple KB1OEQ**, **Jeremy Breef-Pilz KB1REQ** and **Jim Tynan KC1JET** participated in First Monday of the month RADIOGRAM Training.

**Jeff Lehmann N1ZZN** was heard as Net Control for the monthly ARES Net. **Jeremy Breef-Pilz KB1REQ** reports that he was active with the SKYWARN Net during a February snow storm.

I have formed a committee to start planning for NEAR-Fest VII. Next we will be planning for Saffler's Flea Market and Field Day and your help is needed. **Bruce Hayden N1IX** volunteered to be the Fox for another Fox Hunt on February 20<sup>th</sup> weather permitting. Come to the next meeting and share your radioactive adventures with the other members present.

**73: From Paul N1VTI**

## **MASSACHUSETTS QRP CONVENTION** **MARCH 12-13, 2010**

The Massachusetts QRP Convention (MassCom) will be held Saturday, March 12-13, 2010 at the Westford Regency Inn and Convention Center. They have a line-up of speakers including three QRP Hall of Fame members and a Nobel Prize winner. Check out their Web page at: <http://www.masscon.org>



**SECRETARY'S NOTES OF THE MEETING OF February 3, 2010 de NI1X**

**OPENING:** The members started gathering at the Whitman Public Library, Whitman, MA around 6:10 p.m. President **Paul N1VTI** opened the meeting at 6:30 p.m.

**ATTENDANCE:** Thirty-five members / guests were present, including three elected Officers and three Directors. A quorum was present.



**Bruce Hayden**  
**NI1X**  
**Temp. Sec.**

<b>K1AWB</b>	<b>Steve Laroe</b>	<b>SWL</b>	<b>Colben Laroe (Guest)</b>		
<b>K1MRH</b>	<b>Barbara Rice</b>	<b>W1EKG</b>	<b>Ross Hochstrasser</b>		
<b>N1SON</b>	<b>Bill Tracy</b>	<b>KB1CHW</b>	<b>John Coombs Jr.</b>		
<b>WG1L</b>	<b>Jim O'Rourke</b>	<b>KB1REQ</b>	<b>Jeremy Breef-Pilz</b>		
<b>KB1PHN</b>	<b>Jim Madden</b>	<b>SWL</b>	<b>Elwood Ireland (guest)</b>		
<b>K1XRB</b>	<b>Peter George</b>	<b>KB1OEP</b>	<b>Mike Supple</b>		
<b>KB1OEQ</b>	<b>Ron Stundze</b>	<b>KB1OAY</b>	<b>Dan Noyes</b>		
<b>KB1PHN</b>	<b>John Murphy</b>	<b>KB1QEM</b>	<b>John O'Neill</b>		
<b>N1OYH</b>	<b>Carl Davis</b>	<b>KB1TEH</b>	<b>Richard Metcalf</b>		
<b>KC1FZ</b>	<b>George Davis</b>	<b>KC1JET</b>	<b>Jim Tynan</b>	<b>WQ1L</b>	<b>John Coombs</b>
<b>N1FRE</b>	<b>Bill Hayden</b>	<b>KC1ML</b>	<b>Mark Loring</b>	<b>N1SOM</b>	<b>Jeff Tracy</b>
<b>N1VTI</b>	<b>Paul Burbine</b>	<b>KB1SVY</b>	<b>John Duprey</b>	<b>NI1X</b>	<b>Bruce Hayden</b>
<b>KB1OAW</b>	<b>Greg Noyes</b>	<b>W1GRC</b>	<b>Gary Cumiskey</b>	<b>WA1MWF</b>	<b>Larry Leblanc</b>
<b>WA1ZKK</b>	<b>Al Craddock</b>	<b>K1REL</b>	<b>Bob Loring</b>	<b>KB1MTW</b>	<b>Paul Moss</b>
<b>KB1QKV</b>	<b>Mike Anderson</b>	<b>KA1PJX</b>	<b>Don Keene</b>		

**TREASURER'S REPORT:** The treasurer's report for January was read by **Jeff N1SOM**. **Jim WG1L** made a motion seconded by **Jeremy KB1REQ** that the treasurer's report be accepted as read. The motion was approved.

**SECRETARY'S REPORT:** A motion was made by **Jim WG1L** seconded by **Jim KC1JET** that the January secretary's report be accepted as published in the newsletter. The motion was approved.

**HEALTH & WELFARE:** **Barbara K1MRH** reported that a card was sent to **Roy KB1CYV**, who is recovering from a broken hip and to **Sam's N1WIG** wife **Melody**, who is recovering from a broken wrist. **Bruce NI1X** reported that area HAM **Bob Marchese's K1NOK** wife **Linda** suddenly passed away this week. A motion was made by **John WQ1L**, seconded by **John KB1SYV** to send a sympathy card and \$25.00 donation to area HAM **Bob Marchese K1NOK** from his friends at the Whitman Amateur Radio Club.

**NEW MEMBER:** **Gary W1GRC** made a motion that **David Whitney AD1R** be accepted as a new member contingent upon receiving his dues. **John KB1PHN** seconded the motion and it was approved.

**OLD BUSINESS:** **Paul Burbine N1VTI** reported that he is coordinating a Technician Class instructors committee that is preparing a two day review course to be held at the South Shore Hospital in late March. **Paul Moss KB1MTW**, **Bruce Hayden NI1X**, **John O'Neill KB1QEM**, **Jim Tynan KC1JET** and **John Murphy KB1PHN** have volunteered to help. A motion was made by **John O'Neill KB1QEM**, seconded by **John Duprey KB1SVY** to purchase 10 ARRL Technician Class books if necessary. The club will be reimbursed by the students. The motion was approved.

**NEW BUSINESS:** **Paul Burbine N1VTI** called for volunteers to help him form a NEARFEST committee. **John Murphy KB1PHN**, **John Duprey KB1SVY** and **Ross Hochstrasser W1EKG** volunteered to help. NEARFEST will be April 30 & May 1<sup>st</sup> this spring.

## SECRETARY'S NOTES OF THE MEETING OF February 3, 2010 Cont: de NI1X

**NEW BUSINESS Cont:** Paul Burbine N1VTI reported that he would be setting up a Field Day committee in the future. Paul Moss KB1MTW volunteered to secure the Field Day location at this time. Jim O'Rourke WG1L reports that he has a new 5500 watt emergency generator for the club to use as needed at Field Day. Bruce Hayden NI1X volunteered to be the next Fox and a Fox Hunt was scheduled for Saturday Feb 20 at 10 a.m. weather permitting with a rain / snow date of February 27<sup>th</sup>.

**REPEATER REPORT:** Gary Cumiskey W1GRC reported no problems with the REPEATER

**ECHOLINK REPORT:** Paul Moss KB1MTW reported the EchoLink is working well and that there is no action to report on upgrading the 2-Meter transceiver at this time.

**CLUB EQUIPMENT:** Paul KB1MTW reports that all club equipment is accounted for. Any club member can contact Paul KB1MTW on the repeater, email, or phone if they would like to borrow a piece of the club's equipment.

**NET CONTROLS:** 2/7 Steve K1AWB: 2/14 Jeff N1SOM: 2/21 Mike KB1OEP  
2/28 John KB1SVY

**CLOSE:** President Paul N1VTI closed the business meeting at 7:10 p.m. on a motion by Barbara K1MRH seconded by John KB1SYV. The motion was approved. A social half hour followed.

**FOR SALE ITEMS:** Jim O'Rourke WG1L offered and sold a book on how to set up Amateur Radio Stations, a lot of good info for new HAMs. Jim WG1L also had a few free QST magazines to hand out to members present who were interested. Bob Loring K1REL has a Cornell Dubilier Ham II Rotator by CDE for sale. Contact Bob K1REL for details on this unused antenna rotor.

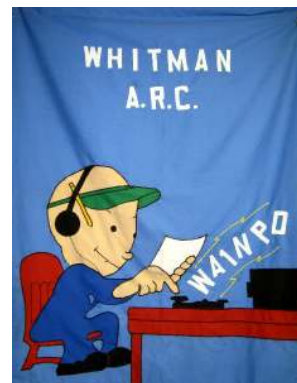
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### WHITMAN AMATEUR RADIO PUBLIC SERVICE NET

The **WARPSN** NET meets every Sunday morning at 8:30 a.m. on the Whitman REPEATER 147.225 MHz (PL 67). Come join in and share your amateur radio related activities with the other area HAMs and short-wave listeners as well. We need your updates for the newsletter.

As part of our training, we encourage everyone to practice sending routine RADIOGRAM messages. In January we had 5 sessions with an average of 18 area HAMs checking in each week and 9 messages were sent. Make up an NTS traffic message and send one to a friend.

Jim Tovet W1JT is hosting the EchoLink connection to the Whitman REPEATER at his home QTH in Holbrook. The EchoLink node to the Whitman REPEATER is **WA1NPO-R Whitman, MA**. In January we heard from Kevin O'Donnell K1KOD who called in via EchoLink from Loon Mountain in between runs on the slopes in 45 degree weather on Saturday, January 16<sup>th</sup>. We also heard from Mike Marinucci N1FRV who checked in from Hernando, Florida and from Koos GU0GUX who checked in looking for Paul Moss KB1MTW from the Island of Guernsey in the United Kingdom.



**Sending NI1X  
an update**

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**NEAR-Fest VII** - The New England Amateur Radio Festival (NEAR-Fest VII) will be held at the Deerfield, NH fairground on April 30<sup>th</sup> and May 1<sup>st</sup> 2010.

**NEW MEMBER: David Whitney AD1R** lives in Halifax with his wife **Janyce**.

**David AD1R** reports: "Got Novice ticket and started making QRM in 1957 as **K1NOJ** after some encouragement from my best friend, **Dick Jolls K1GUG**. Upgraded to General in 1985. Changed to **AD1R** Extra in 1985.

My first home brew xmtr was tuned by using a small incandescent lamp as a plate current indicator. First "real" xmtr was a Heathkit DX-40 and then home brew linear and double sideband modulator. Later I got a Swan 500C transceiver and presently have Yaesu Ft-101ZD/Ext VFO and Ft-102 and Icom IC-735 and IC-751A and Ten Tec Omni V with MFJ DSP and auto



**David Whitney AD1R**

tuner. 2-Meters uses a Yaesu 2800M. First rcvr was home brew and then Halicrafter SX-99. Lots of RF in the shack in those days! Today the SWL receivers are a Kenwood R-1000, Yaesu FGR-7, Sony 2010, Sangean 909 and Sony 7600GR portables.

CW has always been the favorite mode but PSK-31 (using the Ft-102) is winning since 10/2008. Present antennas are a Hustler 6BTV mounted on the ground with about 32 radials, used for 80/40/20, a full wave vertical loop for 160-Meters and 80-Meters and a I-Max 2000 for 10-Meters and copper tubing J-Pole for 2-Meters.

I'm thankful that my wife, **Janyce**, puts up with my hobby and the occasional flickering of a certain "touch control" lamp in her computer room. My grandson **Kevin KB1RVV** – just got his Technician ticket and I was his first QSO on 2-Meters. Fist #14222; SKCC #4857.

If anyone wants to practice CW I'd be more than happy to slow down as required. I believe that characters should be sent fast but spaced to allow recognition of the "sound". Contact me at [whitnymvp@aol.com](mailto:whitnymvp@aol.com) and we'll set up a schedule."

**73 to all - David AD1R**

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### **UPCOMING EVENTS -- MARK YOUR CALENDAR**

**FRAMINGHAM FLEA** - Sunday, April 11, 2010 9 a.m. to 1 p.m. \$5.00 -- Keefe Tech School - 750 Winter Street Framingham, Mass. -- See their Web site at [www.fara.org/flea](http://www.fara.org/flea)

**BOSTON MARATHON**: April 19, 2010. Marathon Amateur Radio Communications is a consortium built on the cooperative efforts of the [Framingham Amateur Radio Association](http://www.fara.org), and [Minuteman Repeater Association](http://www.minutemanrepeater.org). These clubs work together to provide radio communications in support of the Marathon from Hopkinton to Boston. If you are a licensed amateur radio operator and would like to volunteer, go to the Boston Marathon sign up sheet at: [www.mmra.org/marc/access.html](http://www.mmra.org/marc/access.html)

Start Line/Hopkinton	<b>Bob DeMattia, K1IW</b>	(508) 393-4148
Route/First Aid & Water Stations	<b>Steve Schwarm, W3EVE</b>	(508) 384-7697
Finish Line/Boston	<b>Paul Topolski, W1SEX</b>	(978) 632-9432



## TOUR OF WTAG RADIO STATION - OPEN HOUSE Jan 16, 2010

**Gary Cumiskey W1GRC, Jeremy Breef-Pilz KB1REQ and Jeff Lehmann N1ZZN** attended the open house held at radio station **WTAG** – (580 AM on your dial) in Worcester on January 16, 2010.



**Jeremy Breef-Pilz KB1REQ**  
**Jeff Lehmann N1ZZN**

**Jeremy KB1REQ** reports: “I attended the WTAG open-house with my Father and both of us had a great time. It was interesting to track the history of radio technology and production. Much of the old transmitting equipment was preserved, including microphones, recording machines, and tubes, some that emitted so much heat that after being used at the station, they were sold into use as industrial heating coils. Similar to all radio components the current solid-state equipment is much smaller, about the size of a refrigerator, cool to the touch and draws common 220-volts AC. The room was full of photographs and other records documenting the vibrant history of the station, from it's beginning, licensed to a local department store, to the present. Photos showed the changes in the transmitting site along with the studios and personalities. Meticulous records noted day to day maintenance to the equipment and grounds. The station along with the commentary from radio and television broadcast engineers, made it an excellent experience.

**From: - Jeremy KB1REQ**

**Jeff N1ZZN** reports: I guess all I would add, is that **WTAG** is a 5 kW directional station, utilizing 3 towers for their daytime directional pattern and one additional tower at night. **WTAG's** directional pattern is necessary to protect other nearby stations including stations on the adjacent 590 AM in both Boston and Albany, NY. Their current transmitter is a solid state Harris DAX, which is capable of broadcasting an HD Radio signal, which they use during the day.

**73 Jeff N1ZZN**

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## FIRST MONDAY OF THE MONTH RADIOGRAM TRAINING

Shown at the Taunton Emergency Management Agency (TEMA) - Emergency Operations Center (EOC) and standing L. to R. are **Rudy Burer KB1LXI** – Asst. Director of TEMA and **Bruce Hayden NI1X**. Shown seated is **Neal Harrington KB1LXL** who was Net Control for the night.

Participating at Whitman EOC were **Paul Moss KB1MTW**, **Bill Hayden N1FRE**, **Jeff Tracy N1SOM** and **Mike Supple KB1OEP**.

Other Whitman Club members heard participating were **Jeremy Breef-Pilz KB1REQ** and **Jim Tynan KC1JET**



**TAUNTON RACES VOLUNTEERS**

## AMATEUR RADIO EMERGENCY SERVICE

### EMERGENCY COMMUNICATION WORKSHOP -- MIDDLEBORO, MA. JANUARY 23, 2010

**Phil McNamara N1XTB** reports that Whitman Club members **Ron Smith N1PXX**, **Loren Pimentel N1IQI** and **Bob Loring K1REL** attended the Emergency Communication Workshop sponsored by the Eastern Mass. Amateur Radio Emergency Service (ARES) crew and held in Middleboro, MA. on January 23, 2010.



**Rob Macedo KD1CY**, our local SKYWARN coordinator and Eastern Mass Amateur Radio Emergency Service (ARES) Section Emergency Coordinator, explained to the 33 area HAMS in attendance that the Amateur Radio Emergency Service (ARES) volunteers consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communications duty in the public service when disaster strikes.

The only qualification for membership is the possession of an Amateur Radio license and a sincere desire to serve.

See: <http://ares.ema.arrl.org> (Eastern Mass. ARES Web Page)

**Rob Macedo KD1CY**

**Phil McNamara N1XTB**

**Carl Aveni N1FY**



**Dan Howard K1DYO**



**Frank O'Laughlin WQ10**

**Frank O'Laughlin WQ10** and **Dan Howard K1DYO** gave their, always fascinating, presentation on Go Kits that included pre-deployment issues, personal comfort and safety items, power considerations, rigs and antennas. **Frank WQ10** and his team are planning to be completely self sufficient for a 72 hour deployment. HAMS can be up and running within a few minutes upon arriving at their deployment site. **Frank WQ10** and **Dan K1DYO** have assembled their go kits with "Murphy's Law" in mind. If something can go wrong it will go wrong. Be prepared.



Note: Photo's by **Peter Sgro KB1TDX**

## EMERGENCY COMMUNICATION WORKSHOP -- MIDDLEBORO, MA. JANUARY 23, 2010

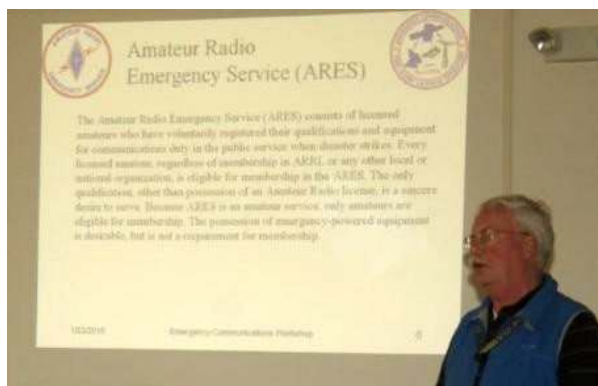
The National Traffic System was explained along with standard RADIOGRAM message format and the use of phonetics. RADIOGRAM training is practiced on the first Monday of the month. All HAMs are welcome to listen in or check in on the local Norwell REPEATER 145.250 MHz PL 77 at 8 p.m. and copy along. See: <http://nts.ema.arrl.org> (Eastern Mass. NTS Web Page).



**Ed Caron KA1RSY**



**Steve Schwarm  
W3EVE**



**Mike Neilson W1MPN**

**Ed Caron KA1RSY** gave a presentation on the National Incident Management System (NIMS) and the Incident Command System (ICS) explaining the major activities are Command, Operations, Planning, Logistics and Financial / Administrative. During a large scale emergency HAMs are assigned to the Logistics section and could be assigned to assist in areas like local shelters, hospitals and bus staging areas for hospital transportation. In some cases the HAMs are working for the Red Cross with their shelter operation.

**LOCAL INVOLVEMENT:** Many HAMs in this area are currently signed up and working for the Emergency Management Agency Director at the local Emergency Operations Centers or at one of the designated local shelters in their cities or towns. HAMs in public service are required to be registered by their local served agencies and are required to take on-line ICS training courses. The Plymouth Nuclear Power Plant Evacuation Plan involving the surrounding cities and towns is a good example of local emergency planning involving amateur radio as backup emergency communication.

**SKYWARN** is the National Weather Service (NWS) volunteer weather spotter program which provides timely severe weather reporting to NWS for the protection of life and property. SKYWARN is an ARES function at NWS Taunton. Involvement with the SKYWARN program and providing communication for local road races and parades allows us to practice Directed Net Control operations under real time conditions. See <http://www.wx1box.org> (NWS Taunton SKYWARN Home Page)



If an emergency happens – your prior participation in training will pay off. Check on the needs of your family first and shelter in place if appropriate. Check in to the ARES Net and respond when requested. Remember we do not self deploy, we are not first responders and we are not in charge. We are available to provide backup emergency communication when all else fails or when normal communication lines are overloaded.

To join ARES go to the Eastern Mass. ARES database sign in at the following link: [https://secure.ema.arrl.org/qilan/ares/EMA/ARES\\_about](https://secure.ema.arrl.org/qilan/ares/EMA/ARES_about)

For further info contact **Phil McNamara N1XTB** at [n1xtb@powersrvcs.com](mailto:n1xtb@powersrvcs.com)



The attached article on WX1BOX Taunton, Mass. -- SKYWARN Recognition Day - appeared in the February 2010 issue of CQ magazine and Whitman Club member Jeremy Breef-Pilz KB1REQ received a nice write up by Rob Macedo KD1CY.

## A Bright and Sunny SKYWARN Recognition Day

### Snapshot: WX1BOX Taunton, MA

Among the SRD stations representing the Northeast was WX1BOX at the NWS Forecast Office at Taunton, Massachusetts. The '09 event "was very successful and coincided with the twice-per-year SKYWARN Coordinators meeting," according to Rob Macedo, KD1CY, who is ARES SKYWARN Coordinator for NWS in Taunton, Eastern Massachusetts ARES Section Emergency Coordinator, and director of operations for the VoIP Hurricane Net.

Fifteen radio amateurs teamed up for the WX1BOX effort. A total of 309 QSOs were logged, "with 271 unique contacts

made to 41 different NWS Forecast offices, earning the operation the 'Nor'easter Certificate,'" KD1CY said. "These numbers were slightly lower than 2008, but we did not have our SKYWARN Coordinators meeting during SRD last year like we did this year, and this likely led to a lower count of stations.

"We had a Ten-Tec Orion HF rig brought into the weather office for SRD operations through the efforts of Bill Boyes, KB1G, and this radio was used in lieu of the Alinco DX-70TH radio that is installed at the weather office," Rob added.



Rob Macedo, KD1CY, ARES SKYWARN Coordinator for NWS Taunton (MA), talks on VHF/UHF while Jeremy Breef-Pilz, KB1REQ, monitors EchoLink during SRD '09. (Courtesy of WX1BOX)

Radio amateurs in the NWS Taunton Warning Area "are responsible for over 90 percent of the damage reports received and half to two-thirds of the rainfall and snowfall reports received into the weather forecast office.

"We have a very active group that handles SKYWARN Activations from the NWS Forecast Office working with nets and net control stations that handle approximately two dozen nets across four states," he said. "We also use Echolink/IRLP through the New England reflector system 'NEW-ENG' conference system node 9123/IRLP reflector 9123."

According to KD1CY, "band conditions on HF were a bit weaker than 2008, but we still managed a several-hour pile-up on HF on 20 meters that was managed by 15-year-old Jeremy Breef-Pilz, KB1REQ.

"Jeremy has participated in several SKYWARN Activations, including two activations for tornadoes in our County Warning Area over the summer. We also had a number of contacts via EchoLink/IRLP on the 'WX\_TALK' EchoLink conference Node: 7203/IRLP 9219 system, and the New England Reflector system."

WX1BOX "also managed (EchoLink) net control for WX4NHC . . . and fielded check-ins for two hours," KD1CY said.



## COPPER J-POLE By: John Duprey KB1SVY

I decided I needed an antenna mounted higher up so I could hit a few more 2 Meter repeaters. Looking around on line, I decided to build a copper J Pole. I have run so many copper plumbing lines, over the years I was very comfortable cutting and sweating pipe.

I looked at a few sources on line that were helpful, one was: [http://www.aralb.org/Commitees/Technical/J-POLE/design\\_a\\_ipole\\_antenna.htm](http://www.aralb.org/Commitees/Technical/J-POLE/design_a_ipole_antenna.htm) Another good website was <http://www.qsl.net/wrav/kg4woa.htm>. You will have to type the Web site in.



John Duprey KB1SVY

It took a little bit of tuning with one of the club antenna analyzers but all told I built and tuned it in a little over an hour for a cost under \$20.00 It is temporarily mounted on my deck waiting for the snow to clear off the roof. I already can hit more repeaters than I was able to before.

73: From: John KB1SVY

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## JETSTREAM JTB1 2-METER VERTICAL

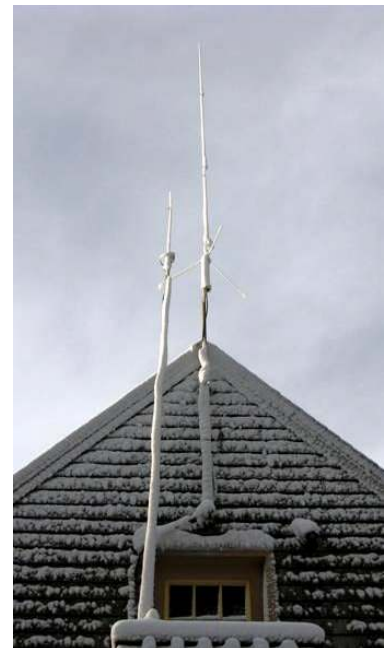
By: Richard Metcalf KB1TEH



**Richard Metcalf KB1TEH** reports he now has two 2-Meters antennas.

“The tall one is my new Jetstream JTB1. The short one is my old Cushcraft AR-2 Ringo. Now I can get into the Whitman REPEATER with my 5 watt handheld from my home QTH in Rochester, MA.”

Richard Metcalf KB1TEH



## MARLBORO FLEA MARKET - Feb 13th

Whitman Club members attending the first Flea Market of the year, held in Marlboro, Mass. were **Bruce Hayden NI1X**, **John Coombs WQ1L**, **Paul Moss KB1MTW**, **Jeremy Breef-Pilz KB1REQ** (along with his father **Bruce SWL**) , **Jim Tynan KC1JET**, **Jeff Lehmann N1ZZN** and **John Duprey KB1SVY**.



Jeff Lehmann N1ZZN  
Jeremy Breef-Pilz KB1REQ



John Coombs WQ1L  
John Duprey KB1SVY

The weather was good and there was a large turnout at the Marlborough Middle School. There were two cafeterias's loaded with about 50 vendor tables and there were several hundred people in attendance.



**Bruce Hayden NI1X & Paul Moss KB1MTW**

The crew picked up some small parts, connectors, antennas, Morse code keys and tools. **Jeff N1ZZN** was busy helping people program their 900 MHz radios with the GE and Motorola (GEMOTO) crew.



Jim Tynan KC1JET

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**SCUTTLEBUTT: Antenna Party: Jim O'Rourke WG1L** reports that he sent his 20 year old rotor out for repair and reinstalled the refurbished unit on Saturday, January 16<sup>th</sup> with the help of **Don Keene KA1PJX** and **Jim KB1ETW**

**SCUTTLEBUTT: John Chase KB1ODS** reports that he received a small directional loop antenna for Fox Hunting for Christmas.



# ANTIQUe RADIO FLEA MARKET – FEBRUARY 14<sup>th</sup> -- RADIO XLI

## WESTFORD REGENCY INN -- WESTFORD, MASS.

RADIO XLI was sponsored by the Greater Boston Antique Radio Collectors and organized by Antique Radio Classified, a national publication for buyers and sellers of old radios and related items that operates out of Carlisle, Mass. See [www.antiqueradio.com](http://www.antiqueradio.com) for a free sample of Antique Radio Classified.



John Duprey KB1SVY  
Bruce Hayden NI1X



Ross Hochstrasser W1EKG

**Ross Hochstrasser W1EKG** was one of the over 50 vendors that were crammed into the Westford Regency Inn - Conference Center in Westford, Mass. The attendance was great as usual with about 500 collectors milling around two rooms filled with oldies but goodies – real radios glow in the dark.. **The Bruce NI1X** saw **John Duprey KB1SVY** and his wife **Michelle SWL**.

### BUILD YOUR OWN RADIO By: Jim Ford NM1F

I assembled a 40 Meter receiver, made with scrap aluminum for the chassis and front panel. The cabinet is from an old piece of test equipment. The speaker was an old intercom. All other parts came from the junkbox. It covers 6 to 8 Mhz and does it work great. It came from QRP power an ARRL publication. It was also in the September 1992 QST.....

73....Jim NM1F



Jim Ford  
MN1F



40-Meter receiver, power supply and speaker



# WHITMAN AMATEUR RADIO CLUB, INC.

A Non-Profit Corporation Serving the Public in Time of Emergency



Post Office Box 48  
Pine Street  
Whitman, MA 02382

Telephone: (781) 447-1655  
ARRL Club #0082  
Club Call Sign: WAINPO

## MEETING SCHEDULE

Meetings are held on the first

Wednesday of each month

The next meeting will be held at the  
Whitman Public Library, which is  
located at 100 Webster Street  
in Whitman, Mass.

## NEXT MEETING

Wednesday, Mar. 3rd at 6:30 p.m.  
Whitman Public Library

## CLUB OFFICERS

President	Paul Burbine	N1VTI
V. President	Paul Moss	KB1MTW
Secretary	Jeff Lehmann	N1ZZN
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Director 2011	Roy Logan	KB1CYV
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Director Past Pres	Bruce Hayden	NI1X

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Club REPEATER 147. 225 MHz PL 67  
Club EchoLink WA1NPO-R Whitman MA USA

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