



# SPECTRUM



The Voice of the Humble Electron

Founded 1962

**PRESIDENT'S MESSAGE:** This is **Paul N1VTI** – I have had enough of the snow and ice this year. My antennas are in shambles. Our antenna problems are minor when compared with the structural and ice dam water damage reported in this area. On a happier note - **Jim O'Rourke WG1L** and I participated as V-E examiners at a testing session in Braintree that resulted in one new HAM and two upgrades to General.



**Paul Burbine  
N1VTI**

**HAVING FUN:** **Jim Ford NM1F** set up a vendor table at the Marlborough Flea Market where there were at least 11 Whitman Club members attending. **Ross Hochstrasser W1EKG** set up a vendor table at the Antique Radio Flea Market in Westford where they were selling real radios that glow in the dark.

Congratulations to **Jeremy Breef-Pilz KB1REQ** on his appointment to the position of ARRL Eastern Mass. Assistant Section Manager for Youth Activities. Congratulations to **Dave Beauvais KB1QMX** who upgraded to General in February.

What can you do to help support the Whitman Amateur Radio Club activities this coming year and to promote amateur radio in general. Our treasurer, **Jeff Tracy N1SOM**, reports that dues are due so it is time to renew and get someone new. We need your participation. Help us arrange for a speaker or arrange to bring in one of your projects for Show and Tell at an upcoming meeting.

**73 From: Paul N1VTI**

## **ARRL EASTERN MASS. -- ASSISTANT SECTION MANAGER FOR YOUTH ACTIVITIES**

### **Jeremy Breef-Pilz KB1REQ**

**Phil Temples K9HI**, our new ARRL Section Manager, reports: "I am pleased to announce the appointment of **Jeremy Breef-Pilz KB1REQ** as the new ARRL Eastern Mass. Assistant Section Manager for Youth Activities.



**Jeremy Breef-Pilz  
KB1REQ**

**Jeremy KB1REQ** replaces **Jason Sample KB1PQB** who officially tendered his resignation, citing time restraints.

**Jeremy KB1REQ** is active on the HF and VHF bands. He's involved in Public Service, SKYWARN, and Eastern Massachusetts ARES. In addition, **Jeremy KB1REQ** is a member of the Whitman Amateur Radio Club and the Mansfield Emergency Management Agency.

Please join me in welcoming **Jeremy KB1REQ** to this important section leadership position".

**From: Phil Temples K9HI  
ARRL Section Manager - Eastern Mass.**

## JANUARY MEETING CANCELLED -- SNOW DAY -- MEETING ON THE AIR

The decision was made by **Paul Burbine N1VTI** to cancel the February meeting due to snow, sleet, rain, and ice predicted for Wednesday, February 2, 2011. In West Bridgewater, 10 cars were involved in a series of four crashes within a one mile stretch of Rt. 28 that became a sheet of black ice about 5 p.m. that night. The road conditions everywhere were treacherous.

**Jeff Lehmann N1ZZN** volunteered to be the Net Control for an informal Meeting On The Air that was held at 6:30 p.m. on the meeting night. The Whitman REPEATER was used and there were 32 checkins. The Net lasted a little over an hour with members sharing updates and reporting on the progress of their latest radioactive projects with the other participants and shortwave listeners as well.

The members were reporting that the temperature was steadily dropping below freezing during the Net. Several members expressed their thanks for calling the meeting off and called the Meeting On The Air a great success.



**Jeff Lehmann**  
**N1ZZN**  
**Net Control**

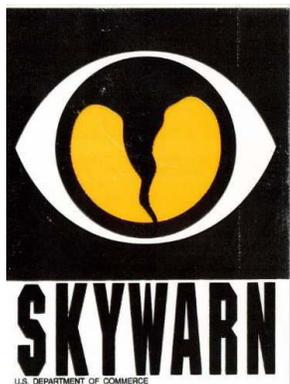
The WARC members and area HAMS who were able to participate were:

<b>N1ZZN</b>	<b>Jeff Lehmann</b>	<b>KB1SVY</b>	<b>John Duprey</b>	<b>NI1X</b>	<b>Bruce Hayden</b>
<b>KB1TEH</b>	<b>Richard Metcalf</b>	<b>WQ1L</b>	<b>John Coombs</b>	<b>WA1ZKK</b>	<b>Al Craddock</b>
<b>KB1MTW</b>	<b>Paul Moss</b>	<b>KB1OEQ</b>	<b>Ron Stundze</b>	<b>KB1OEP</b>	<b>Mike Supple</b>
<b>KB1UTA</b>	<b>Laura Valler</b>	<b>KB1QEM</b>	<b>John O'Neill</b>	<b>K1AWB</b>	<b>Steve Laroe</b>
<b>W1JT</b>	<b>Jim Tovet</b>	<b>KA1JBE</b>	<b>Joe Casieri</b>	<b>KA1KIJ</b>	<b>Bob Azanow</b>
<b>KC1JET</b>	<b>Jim Tynan</b>	<b>N1FRE</b>	<b>Bill Hayden</b>	<b>N1IQI</b>	<b>Loren Pimentel</b>
<b>KB1IKH</b>	<b>Elayne Tovet</b>	<b>N1SOM</b>	<b>Jeff Tracy</b>	<b>KB1UBX</b>	<b>Karen Trask</b>
<b>KB1ODS</b>	<b>John Chase</b>	<b>KB1CYV</b>	<b>Roy Logan</b>	<b>N1VTI</b>	<b>Paul Burbine</b>
<b>KB1REQ</b>	<b>Jeremy Breef-Pilz</b>	<b>W1EKG</b>	<b>Ross Hochstrasser</b>		
<b>W1AXB</b>	<b>Matt Paine via relay</b>				
<b>W1AY</b>	<b>Brad Wilson</b>	<b>of Norwell</b>	<b>KB1RSR</b>	<b>Andy Niles</b>	<b>of Raynham</b>
<b>N1EZH</b>	<b>Barry Kennedy</b>	<b>of Taunton</b>	<b>KA1BBU</b>	<b>Bob Egles</b>	<b>of Holbrook</b>
<b>K1MTM</b>	<b>Paul Wipperman</b>	<b>of W. Bridgewater</b>			

### Comments and Updates:

1. **Jeff Lehmann N1ZZN** is in the process of ordering earphones for club radio use.
2. **John O'Neill KB1QEM** is in the process of ordering PAR Electronic Filters for the South Shore Hospital 2-Meter interference problem.
3. Several members were coping with ice dams and water leaks along with damaged antennas.
4. **Ross Hochstrasser W1EKG** reported that he is restoring a Collins R-390 receiver.
5. **Ross W1EKG** also reported NearFest will be held on April 29<sup>th</sup> and 30<sup>th</sup> 2011.
6. **Jeremy Breef-Pilz KB1REQ** reported his 2-Meter antenna is down for repairs and checked in via EchoLink to report that Field Day packages are available online from the ARRL.
7. **John Coombs WQ1L** reported that he built a J-Pole antenna and was communicating from his home QTH, indoors, with 4 watts from Marshfield.
8. The Flea Market Committee members are making plans to meet.
9. **Jim Tynan KC1JET** is helping **Paul Burbine N1VTI** line up a speaker on IDAS technologies.
10. **Jeff Lehmann N1ZZN** reports Thursday is 900 MHz day. Listen in and get on the air if you have 900 MHz equipment.
11. **WARPSN Net Control:**  
2/6 **Bruce Hayden NI1X**      2/13 **John Duprey KB1SVY**  
2/20 **Mike Supple KB1OEP**    2/27 **Bill Hayden N1FRE**

## AMATEUR RADIO EMERGENCY SERVICE (ARES)



**Phil McNamara N1XTB**  
**South Shore District**  
**Emergency Coordinator**

**CAPE AND ISLANDS WINTER SIMPLEX TEST:** Frank O’Laughlin WQ10, the Cape area ARES District Emergency Coordinator, held a Winter Emergency Communications Drill (Operations “Snow Blind”) for the Cape and Islands on Saturday, January 22, 2011. Frank WQ10 reported he was operating SIMPLEX from the Sandwich Emergency Operations Center (EOC) with 100 watts and an antenna that was on a 100 ft tower and was 304 feet above sea level. My station (N1XTB in Middleboro) was one of a half dozen off Cape Home Stations, along with Bruce N1IX in Raynham and John KB1QEM in Marshfield that were able to make direct SIMPLEX contact with the Sandwich EOC and would be in a position to relay messages off Cape. Mike KB1OEP in Whitman checked in but had to be relayed through another station to log in with the Net Control located at the Sandwich EOC.

**SKYWARN REPORTING:** With all the Blizzards conditions along with mounds of snow and ice, this has been a very busy SKYWARN reporting season. You can help provide a valuable Public Service by participating in the SKYWARN program and reporting significant events and weather information during local storms. If you have not taken a SKYWARN Observer Training course – there will be two held in this area this spring. Mark your calendar. Sign up now for Taunton.

### **SKYWARN TRAINING – MAY 16, 2011 – MORTON HOSPITAL, TAUNTON, MA.**

Monday, May 16th, 2011: 7-10 PM: Morton Hospital and Medical Center - Margaret Stone Conference Room - 88 Washington Street – Taunton, Mass. Taught by Amateur Radio Coordinators. Pre-registration required. RSVP via Rob Macedo-KD1CY at email at [rmacedo@rcn.com](mailto:rmacedo@rcn.com)

### **SKYWARN TRAINING - JUNE 4, 2011 – BROCKTON V. A. MEDICAL CENTER**

Saturday, June 4th, 2011: 1-4 PM: Brockton VA Medical Center - Building 22 - Training Rooms 2 and 3 - located at 940 Belmont Street in Brockton, Mass. Taught by National Weather Service Forecasters. No pre-registration required.

**ARES REGISTRATION:** If you would like more information on the Amateur Radio Emergency Service (ARES), and how you can volunteer your services in times of emergency, you can contact me at E-Mail [n1xtb@powersrvcs.com](mailto:n1xtb@powersrvcs.com)

**73 From: Phil N1XTB**

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**WORLDRADIO MAGAZINE:** Bob Loring K1REL reminded us that you can download a free copy of WorldRadio Online Magazine by going to their web site at: [www://worldradiomagazine.com/](http://www://worldradiomagazine.com/)

## HELLO FROM OSSIPEE NEW HAMPSHIRE -- From: Bruce Beaman K1HTN

Hello Whitman - It has been 9 years since my wife **Barbara** and I moved to Ossipee, New Hampshire following my retirement from IBM in 2000 – Time really flies by. I am now 70 years old and I have been working part time, during the winter, in the ski rental shop at the King Pine Ski area near my home. I got my ticket in May of 1958 so that means, come May of this year, I will have been licensed for 53 years.

My wife **Barbara** and I have 3 children and 9 grand children. I occasionally get in range of the Whitman REPEATER when we visit one of our best friends in East Bridgewater.

At my home station I mainly use my Yaesu FT-1000MP MK-V Field Transceiver at 100 watts.

I have all wire antennas. I have a RSC-4 remote antenna switch located outside and connected to a 17-Meter delta loop, an 80-Meter end fed “Zepp” antenna made from 170 feet of wire and fed with ladder line to a 4/1 balun, a 40-Meter dipole and a 17-Meter array. I also have a separate 30-Meter ground plain vertical wire antenna.



**Bruce Beaman K1HTN**

For the past few years my wife and I have been spending March and April in Windermere, Florida and we plan to do the same this year. Last year I set up a portable QRP station and operated as **K1HTN/4/QRP** using my Yaesu FT-817 all band, all mode, max power 5 watts rig. The antenna was a 74 foot long wire in an Inverted L configuration with a 34 foot counterpoise wire. I use Bencher lambic paddles and made CW contacts with **KM1CC/IMD** the Marconi Cape Cod Radio Club operated by the National Seashore in Wellfleet and also **W1AA/IMD Bob “Whitey” Doherty K1VV** of Lakeville.

I recently made contact with **The Bruce NI1X** on 160-Meters. I hope to make contact with other members of the Whitman and Massasoit Clubs in the future. See you later down the log.

**Best wishes from Bruce K1HTN**

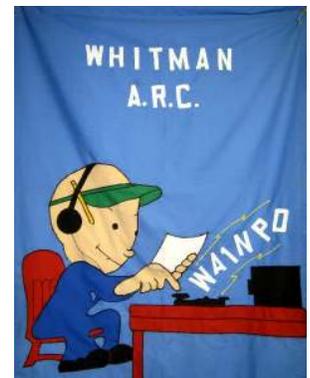
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## **WHITMAN AMATEUR RADIO PUBLIC SERVICE NET (WARPSN)**

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. Make up an National Traffic System (NTS) traffic message and send it to a friend. You can find an explanation of the RADIOGRAM format at [http://www.ncarrl.org/nets/mes\\_form.html](http://www.ncarrl.org/nets/mes_form.html)

We also encourage everyone to try your hand at Net Control. Contact **Bill N1FRE** or **Bruce NI1X** for a Net Control handout.



**Sending NI1X  
an update**

In January we had 5 sessions with an average of 19 area HAMS checking in each week and 10 messages were sent. Checking in via EchoLink in February were **Chin 9M2CW** from West Malaysia and **Juergen DL1NBR** from Germany.

## COLLINS R-390 RECEIVER RESTORATION PROJECT

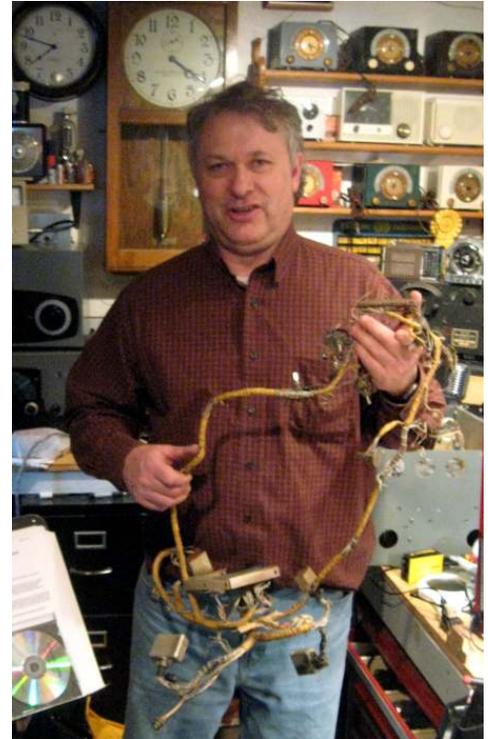
**Ross Hochstrasser W1EKG** has been reporting on his Collins R-390 restoration project and giving tours of his shop to those who are interested. **Ross W1EKG** reports that the Collins R-390 and R-390A radio receivers were the most advanced radio of its day. It tuned from 500 KC to 32 MHz. The R-390 and R-390A were used on AM and CW signals, weighed about 85 pounds and was rated as very sensitive and one of the quietest (low noise level) receivers ever built.



**Ross's W1EKG working Collins R-390A**

The first version – the Collins R-390 was built in the early 1950's and had 32 tubes. It was redesigned under military mandate to reduce the number of tubes to 26 and to use the improved filtering enabled by using mechanical filters and called the R-390 A. The military specs call for mildew and fungus proof (MFP) radios.

The revised model, the R-390A, was developed by Collins and accepted by the US government. About 65,000 of these radios were manufactured and purchased for use by the Army, Navy, Air Force and general US Government agencies between 1954 and 1984. This included modified designs used by the Apollo Space program, for directional finding, and for the CIA during the cold war. A large number of companies manufactured the R-390A to Collins specifications. **Ross W1EKG** has a working model R-390A set up and working in his shop.



**Ross Hochstrasser W1EKG**

**Ross W1EKG** picked up a Collins R-390 through **John Coombs WQ1L** that at one time had mice inside chewing on the wiring harness. **Ross W1EKG** reports that he was able to purchase a replacement wiring harness from Fair Radio in Ohio.

**Ross W1EKG** reports that the first step in the restoration project was to disassemble this highly complex gear driven electro – mechanical nightmare and clean up the components and mouse droppings. Along with the front panel there were seven (7) individual modules all connected by a wiring harness. They included: (1) RF deck, (2) IF detector deck, (3) crystal oscillator assembly, (4) power transformer and rectifier module, (5) regulated power supply and audio module, (6) Permeability tuned oscillator (PTO) – now called the variable frequency oscillator (VFO), and (7) the Crystal calibration module.



**Collins R-390 front panel**

## COLLINS R-390 RECEIVER RESTORATION PROJECT



The gears came apart to be cleaned

**RF DECK:** There are no variable condensers used for tuning. Tuning is accomplished through a complex set of mechanical gears and slug tuning. There are 25 to 30 gears that operate mechanically driven ferrite cores that move in and out of radio frequency (RF) and intermediate frequency (IF) metal encased coils. **Ross W1EKG** reported he disassembled all the gears and gave them a bath in his ultrasonic cleaner using a clock cleaning solution.



Electro - Mechanical RF deck

**Ross W1EKG** also replaced the capacitors in the audio circuit for better audio tone quality and reported that the high quality, glass encapsulated, capacitors used in this radio do not normally need replacing. Resistors were tested and many will be replaced.

**Ross W1EKG** has a detailed manual that will walk him through the calibration of the frequency dial and realignment of all RF and IF stages along with the crystal oscillators. When it comes time to fire up the rig, **Ross W1EKG** plans to use his variac to gradually apply voltage and check for smoke.

**HOT OF THE PRESS:** On February 18<sup>th</sup> **Ross W1EKG** reported that the Collins R-390 was “on the bench and playing”. **Ross W1EKG** reports: “I fired it up (literally) on the variac around 2 a.m. this morning. Got lots of smoke from the crystal oscillator module. Fixed that and found the crystal oscillator switch was out of sync with it's dial. I worked around that and it worked with no AGC. I did some arc welding inside the coil (I'll explain later). AGC now works and it's waiting for alignment. Calibration is OK. While primarily an AM and CW radio, the Collins R-390 it still works well on Single Side Band (SSB). I will keep you all posted with future progress”.

73"s Ross W1EKG

**GENESIS CLUB 10-METER NET:** Friday night at 8 p.m. on 28.485 MHz. Come join in. Technician Class operators have voice privileges on 10-Meters between 28.3 MHz and 28.5 MHz. All area HAMS are invited to join in.

## MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY (MEMA)

### FIRST MONDAY OF THE MONTH RADIOGRAM TRAINING

The Massachusetts Emergency Management Agency test the backup amateur radios communication system installed at the local cities and town Emergency Operations Centers (EOCs) once a month. The test is conducted on the first Monday of the month or on the second Monday in the case where a holiday falls on the first Monday. The amateur radios are manned by Radio Amateur Civil Emergency Service (RACES) volunteers.

Shown at the Whitman Emergency Operations Center following the February RADIOGRAM Training are left to right **John Duprey KB1SVY**, **Paul Moss KB1MTW**, **Mike Supple KB1OEP** and **Jeff Tracy N1SOM**.

#### Whitman RACES Volunteers



John  
KB1SVY

Paul  
KB1MTW

Mike  
KB1OEP

Jeff  
N1SOM

Shown at the MEMA Region II Headquarters following the February RADIOGRAM Training session are left to right: **Bruce Hayden NI1X**, **Mike Leger N1YLQ** Acting Region II Radio Officer, **Bob Mims WA1OEZ**, former Region II Radio Officer, **John Miller N1UMJ** in front of **Bob WA1OEZ** and **Doug Forbes Jr. SWL** the Region II Local Coordinator.

#### MEMA Region II RACES volunteers



Bruce  
NI1X

Mike  
N1YLQ

Bob WA1OEZ  
John N1UMJ

Doug SWL

Two messages were sent to the local city and town Emergency Management Agency Directors with the expectation that the messages will be delivered within 24 hours.

I talked with **Doug Forbes Jr. SWL** who reports: "MEMA is running the Monthly Regional RADIOGRAM Training Nets to prepare the local Radio Amateur Civil Emergency Service (RACES) volunteers for emergencies by testing the equipment and making sure the operators are comfortable with the written RADIOGRAM procedures and with each other. MEMA conducts a statewide Hurricane Drill once a year that also ties in with the National Hurricane Center in Florida and parts of Canada via voice over the Internet (EchoLink or IRLP). MEMA also has a PACKET System that they plan to expand along with exploring other means of backup emergency communication".

**Doug** wanted to thank **Bob Mims WA1OEZ** for his 30 plus years of amateur radio service. **Bob WA1OEZ** retired as MEMA Region II Radio Officer effective January 1, 2011 but will still be around and stopped by in February to help out. **Doug** also reports that he is excited about **Mike Leger N1YLQ**, the acting MEMA Region II Radio Officer, who brings new ideas and energy to the team. Along with summer hurricanes and winter storms, MEMA also supports the Plymouth Nuclear Power Plant evacuation plan. The next RADIOGRAM training session will be held on Monday, March 7, 2011 at 8 p.m. on the Norwell 2-Meter REPEATER 145.250 MHz PL 77. Listen in. **Pg. 7**

**MARLBOROUGH FLEA MARKET -- SATURDAY -- FEBRUARY 19, 2011**

The Algonquin Amateur Radio Club held its Marlborough Flea Market on February 19, 2011. The weather was great and there were lots of vendors that were spilling over into a second cafeteria room. There was a large crowd and plenty of goodies to be had.

Once again **Jim Ford NM1F** set up a vendor table, with the help of his daughter **Emily SWL**. As usual this was a great chance to meet area HAMS, spend a few minutes socializing with old friends and pickup a few goodies.



**Emily SWL & Jim Ford NM1F -**



**Bruce Hayden NI1X**

**Bruce Billings K1CWS**



**Henry Brown K1WCC of E. Falmouth**

**Bob Callahan W1QWT**



**John Coombs WQ1L**

**Phil Temples K9HI of Watertown**



**Jeremy Breef-Pilz KB1REQ**

**Ray Wall N1KXJ of E. Bridgewater**

**Rick Waterfield N1RCW of Cape Cod**

**MARLBOROUGH FLEA MARKET -- MORE PHOTOS Cont:**



**John O'Neill KB1QEM**  
**Richard Metcalf KB1TEH**



**Pete Curley N1NVV of Plymouth**  
**President of the Massasoit Club**

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**RADIO XLII - SPONSORED BY THE GREATER BOSTON ANTIQUE RADIO COLLECTORS**

The biggest Antique Radio Show on the East Coast was held on February 20, 2011 at the Westford Regency Inn. Last year there were 546 attendees, 53 exhibitors and 83 tables of goodies. Real radios glow in the dark.

**Ross Hochstrasser W1EKG** set up a vendor table and reports that while repairing clocks is his main business, he still has people asking him to repair radios and still finds time to restore a few old radios to sell at the Flea Markets like this one. Picture by **The Bruce N11X**.



**Ross Hochstrasser W1EKG**

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**900 MHz REPEATER SYSTEM By: Jeff Lehmann N1ZZN**

**Jeff Lehmann N1ZZN** reports: "Thursday is 900 MHz day. Any 900MHz REPEATER in the area can be used, just send me reports of any contacts you make. Most activity, however is on the NEAR-900 linked system, which includes my 927.475 in Marshfield, 922.0625 in Boston, 927.675 in Cumberland, RI, 927.700 in Marlboro, 927.750 in Salem, and 927.4875 in Wrentham. 927.8375 in Dartmouth will also be linked again soon. This system is linked over IRLP, so for temporary contacts, any IRLP node can dial into the system on node 9125, including ours in Whitman".

Other local area 900 MHz REPEATERS are Taunton 927.6875 and Bridgewater 927.425  
You can find the list of all REPEATERS easily on the nerepeaters website. See:  
<http://www.nerepeaters.com/902.htm>

## AMATEUR RADIO RELAY LEAGUE (ARRL) -- Update by: Phil K9HI

### AMATEUR RADIO BILL INTRODUCED IN THE US HOUSE (Bill HR-81) and SENATE (Bill 191)

**Phil Temples K9HI** – The ARRL Eastern Massachusetts Section Manager reports that **The Amateur Radio Emergency Communication Act of 2011**, that was introduced in January in both the US House and US Senate, would direct the Department of Homeland Security to undertake a study on emergency communications.



**Phil Temples K9HI  
operating station W1AW**

**Phil K9HI** reminds us that one of the most important activities that the Amateur Radio Relay League (ARRL) does is represent the interests of amateur radio operators in the local, state, and national arena and monitors political issues such as antenna restrictions and spectrum allocation.

The Whitman Club is an ARRL affiliated Club and **Phil K9HI** encourages new members to join the ARRL and therefore support the efforts of the ARRL to educate the public, along with state and national officials, about the value of the public service amateur radio operators can and do provide this country. ARRL members can keep tabs on legislative activities through the ARRL electronic bulletins and all HAMS can keep tabs on current events through the Eastern Mass. ARRL Web site. See <http://ema.arrl.org/>

The Amateur Radio Emergency Service (ARES) is one of the programs sponsored by the ARRL and all HAMS are encouraged to volunteer their time and resources to provide backup emergency communication during times of routine public service events or real time local or national emergencies. Some may only be able to participate from home while others have go kits ready and are available to be deployed in the field. One of the largest Public Service events, supported by amateur radio, is the Boston Marathon.

**APRIL 18<sup>TH</sup> – BOSTON MARATHON:** Sign up now to volunteer your help in providing communication support for this great event. Assignments are available in Hopkinton, along the route or in downtown Boston. To sign up go to: <http://marc.mmra.org>

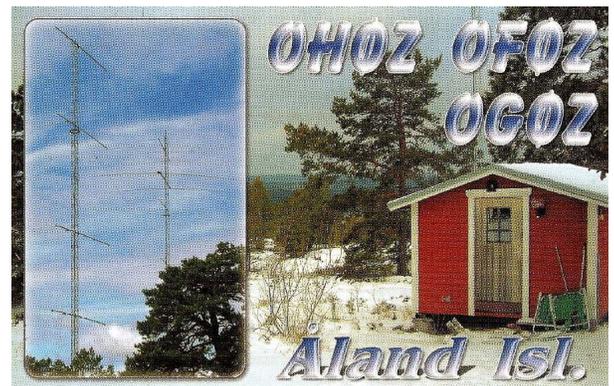
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### QSL CARD OF THE MONTH

**Jeremy Breef-Pilz KB1REQ** reports that he worked OH0Z a DX-pedition to Aland Island, Finland that is located off the East coast of Finland.

**Jeremy KB1REQ** says “I worked them on 15-meters during the CQ Worldwide contest, last October”.

**Jeremy KB1REQ** also reports that he has achieved the basic Work All States (WAS) award using Log Book of the World (LoTW).



## THREE MAJOR STORMS IN THE PAST MONTH

### SURVIVING THE STORM

**Richard Metcalf KB1TEH** reports: "I am sending a winter photo of my latest project – a beam antenna that I lowered before one of the storms as a precaution.

The beam is mounted on the military surplus mast I got at Deerfield, NH. It is usually 5 sections (20ft) up and hose clamped to the 4x4 stair post.

I live in Rochester, MA. about 20 miles south of Whitman. I am able to talk via SIMPLEX with HAMS in the Taunton area during the Wednesday night Taunton Area Communication Group (TACGroup) simplex Net at 8:30 p.m. on 146.430 MHz.simplex.



**Richard's KB1TEH beam project**

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### THE FIRST OF MANY ANTENNA PARTIES

It sounds like there will be a lot of antenna repair going on after the snow and ice finally go away. Several members are reporting damage to their antenna systems following the ice storms and blizzard conditions in January.

**Jim O'Rourke WG1L** reports: "Jim Tovet W1JT came to my house on February 18, 2011 to help me put my Delta Loop Antenna back up as it had come down from the top in the last big storm.

**Jim W1JT** worked the ground for me while I climbed the tower and replaced the yard arm that had broken off in the wind". Picture by **Jim W1JT**.



**Jim O'Rourke WG1L  
on the tower**

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### NOT SURVIVING THE STORM

**The Bruce N11X** was not so lucky. After the first blizzard the Cushcraft R-8 was leaning about 30 degrees as shown in last months newsletter.

After the second blizzard the vertical was no longer vertical. Another repair project for when the snow melts and the weather warms up. The off center fed dipole is still drooping close to the ground but that is an easy fix.



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**MORE POWER OUTAGES:** Last month **John Coombs WQ1L** reported his lights were out for 4 hours on Dec. 27<sup>th</sup> and for 5 hours on Jan 12<sup>th</sup>. This month **John WQ1L** reports his lights went out for a third time for 5 hours when a large tree fell down on Main Street (Rt. 3A) near his house and took down the wires. The crews responded right away but the tree had to be cut up before the repairs to the wire could begin. **John WQ1L** picked up a portable AM / FM radio at the Marlborough Flea Market to have on hand when the lights go out the next time.



# WHITMAN AMATEUR RADIO CLUB, INC.

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



Post Office Box 48  
Whitman, MA 02382

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. 2<sup>nd</sup> at 6:30 p.m.  
Whitman Public Library

## CLUB OFFICERS

President	Paul Burbine	N1VTI
V. President	Paul Moss	KB1MTW
Secretary	Jeff Lehmann	N1ZZN
Treasurer	Jeff Tracy	N1SOM
Director 2011	Roy Logan	KB1CYV
Director 2012	Barbara Rice	K1MRH
Director 2013	John Murphy	KB1PHN
Director Past Pres.	Bruce Hayden	NI1X

Editor: Bruce NI1X

E-mail articles to: [ni1x@arrl.net](mailto:ni1x@arrl.net)

Web Master: Jeff N1ZZN

Web Site: <http://www.wainpo.org>

Club REPEATER 147.225 MHz PL 67

Club IRLP Node 8691

Club EchoLink WA1NPO-R Whitman MA USA -- Club EchoLink Node 484193

*Whitman Amateur Radio Club, Inc.  
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