

SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **The Bruce NI1X** — I wish you all a happy, healthy and radioactive New Year. I am off to a good start with my "make one contact a day" New Years resolution — Last year I wound up about a month and a half behind my one contact a day goal.

At the January meeting **John Coombs WQ1L** gave us a talk about some of his interesting antenna projects and explained how he intends to go about building a log periodic dipole array antenna for 140 MHz thru 440 MHz with his custom made fabrication designs. At the February meeting **Jim Kenworthy KB1KFF** plans to give us a talk on flexible integrated circuit boards. Come to the next meeting, or send me an update, and let the club members know about your new radio related toys or radioactive projects.

HOLIDAY GET TOGETHER

Mike Marinucci N1FRV and his wife **Jennifer**, of Hernando Florida, were in town visiting relatives over the Christmas holiday and stopped by Pier 18 to socialize with several of the Whitman Club members.

Shown at the Pier 18 social are L. to R. Vic Kairis N10EH, Paul Burbine N1VTI, John Coombs WQ1L, Bruce Hayden N11X with Mike Marinucci N1FRV and his wife Jennifer SWL.



The Pier 18 coffee hour crew

NEW MEMBER: Cathy Costello KB1MTX lives in Whitman with her husband **Pat** and her three children **Tricia**, **Sean** and **Owen**. **Cathy KB1MTX** is a Paramedic (EMT-P) for a private ambulance company that works out of Braintree. **Cathy KB1MTX** is also busy working as a teaching assistant at Massasoit College, as a volunteer for the HolyGhost Parish and as a volunteer with the Whitman Emergency Management Agency. **Cathy KB1MTX** reports that she does have a scanner and is listening and learning and hopes to get a handheld transceiver and get on the air soon.



Cathy Costello KB1MTX



NEW MEMBER: Sam Webber N1WIG lives in Scituate and was a 1995 graduate of **Bob Schillinger's KR6EC** Technician classes in Stoughton. **Sam N1WIG** has a 2-meter rig he hopes to get on the air soon.

<u>Sam Webber N1WIG</u>

SECRETARY'S NOTES OF THE MEETING OF January 4, 2006 de KB1CYV

OPENING: The members started gathering at the Whitman Public Library, Whitman, MA around 6:15 P.M. **President Bruce NI1X** opened the meeting with a roll call at 6:33 P.M.

ATTENDANCE: Twenty members / guests were present, including the four elected officers and one director. A quorum was present.

NI1X Bruce Hayden	KB1CYV Roy Logan	K1WGU Bob Bass
KB1MJL Al Marshall	N1ZZN Jeff Lehmann	KB1MTW Paul Moss
KA1PJX Don Keene	KB1ETW Jim Halpin	KB1KVL Ken Kavaljian
WQ1L John Coombs	N1VTI Paul Burbine	N1PXX Ron Smith
N1JXS Al Molin	N1OGP Frank Hayes	N1MJT Rick Hall
KB1KFF Jim Kenworthy	N1FRE Bill Hayden	N1SOM Jeff Tracy
N1WIG Sam Webber	KB1MTX Cathy Costello	_

TREASURER'S REPORT: The treasurer's report for December was read by **Jeff N1SOM**. **John WQ1L** made a motion seconded by **Don KA1PJX** that the treasurer's report be accepted as read. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Bruce NI1X** seconded by **Ken KB1KVL** that the secretary's report be accepted as published in the December Newsletter. The motion was approved.

HEALTH & WELFARE: The WARC wishes to extend condolences to **Bruce NI1X** on the recent loss of his sister Susan, a cousin of **Bill N1FRE**.

OLD BUSINESS: Jeff N1ZZN reported there have been no developments with the proposed repeater location. Bruce NI1X has been sending out special event certificates for the Plimoth Plantation requests. Bruce NI1X reported that there are now in excess of 45 members sporting "Blue Crew" jackets. Jeff N1SOM will take any additional orders and should be contacted directly.

NEW BUSINESS: Bruce NI1X reported that AI Marshall KB1MJL has refurbished the club 2-meter radio donated by Walter K1BZD. Bruce NI1X reported that equipment donated to the club by Alton Caldwell's KIMNO wife, Alice, may be borrowed for members use. This gift of club station equipment included the following items:

Good condition: Realistic 10-Meter SSB/CW Transceiver (model HTX-180) with 10 Amp Power Supply and a 10-Meter Ringo Ranger vertical antenna that was checked out and refurbished by **Paul N1VTI.**

Fair condition: YAESU FT-101F (10-80 Meter) HF Transceiver

MFJ - SWR / Power meter Model MFJ-815B

Old condition: Halicrafter SX-71 Receiver Johnson Messenger Model 4230 (CB Set??)

Bruce NI1X made a motion seconded by **Paul N1VTI** that the club purchase 500' of 9913 wire and 500' of RG-8X Mini-8 wire. Estimated total cost for both items is \$450.00.

SECRETARY'S NOTES OF THE MEETING OF January 4, 2006 de KB1CYV Cont.

Jeff N1ZZN made a motion seconded by **John WQ1L** that **Rick N1MJT** use or dispose of the tower sections being stored at the Pine Street clubhouse. **Bill N1FRE** made a motion seconded by **John WQ1L** that the 2-meter back-up repeater be offered for sale at Hosstraders. All motions were approved.

Bruce NI1X reported that **Jim WG1L** had made contact with several Whitman Club members via Echolink from San Diego on the Bridgewater Repeater just prior to the start of the meeting and reports that he plans to meet with **Bob Schillinger KR6EC**.

CLUB ANTENNA ANALYZER LOCATION: Jeff N1ZZN. Anyone wishing to borrow the analyzer contact **Bruce NI1X**. Jim N1OIU has a need for it in the future.

NEW MEMBERS: Bruce NI1X made motions seconded by Paul N1VTI that the following HAMS be accepted as members of the WARC:

Cathy Costello KB1MJX as a one-year dues-free member.

Sam Webber N1WIG as a full member.

Bruce Weir N1XZD as a reinstated former member.

All motions were approved. Welcome to the WARC!

TECHNICAL TOPICS: John WQ1L showed samples of a 16-element log periodic dipole array antenna that he is constructing. **John WQ1L** is making several design changes to increase the durability and reduce the weight of the antenna. He also discussed a 6-meter quad antenna he has recently completed and hopes to be on the air with shortly.

NET CONTROLS: 1/1 Roy KB1CYV 1/8 Bruce NI1X 1/15 Jeff N1SOM 1/22 Bill N1FRE 1/29 OPEN (How about taking a crack at it?)

ADJOURNMENT: Following a roundtable discussion of members' recent activities, a motion to close was made by **Jeff N1ZZN** seconded by **John WQ1L** and **President Bruce NI1X** closed the meeting at 7:50 P.M.

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.

As part of our training, we encourage everyone to practice sending routine RADIOGRAM messages. It could be a birthday greeting to a friend or relative.

In December we had four (4) sessions with an average of 11 area HAMs checking in each week and 6 messages were sent.



Checking with WA1NPO

CITY OF TAUNTON - VOLUNTEER RECOGNITION NIGHT

Rick Ferreira KB1KWF Director of the City of Taunton Emergency Management Agency (TEMA) and Peter Ferreira KB1LXG, the assistant Director, organized a volunteer recognition night at the Taunton Emergency Operations Center on December 20, 2005 that turned into a great holiday social event for all the TEMA volunteers. The group met with Mayor Nunes in the City Council Chambers and were all presented with a citation like the one shown here. The activities followed up with a potluck supper and fun was had by all. There were 7 Whitman Club members involved.

Taunton presents awards for dam emergency response

By Donna Kulpa

TAUNTON - The City Council on Tuesday presented citations to Taunton Emergency Management Agency officials and volunteers for their efforts during October's Whittenton Dam crisis and other

The citations recognized the TEMA team's countless hours at the command center at City Hall and the emergency shelter at Taunton High School in October phes, such as the Seeley Building

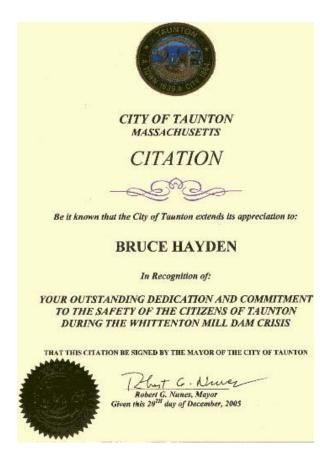
TEMA members recognized included Director Richard Ferreira, Assistant Director Peter Ferreira, David F. Souza, Bruce Hayden, ing sessions beginning Jan. 20. Rudy Burer, George Pereira, Barbara Foster, Steve Foster, Nancy Snell, Scott McMillian, Dorothy fo.com.

Latour, Paula Farrales, Roger Desmarais, Brenda Desmarais, Brian Brisson, Marjorie Penison, John Miller, Donald Burke, Mike Cote, Jason Legrow, Carlos Whorton, Angelo Pinheiro, Tony Pinheiro, Lefki Aevazelis, Dimitrios Aevazelis, John Tourkantonis, Norman Fournier, Neal Harrington, Doreen Santos, Joseph Soares and Robert Barbour.

Director Richard Ferreira noted that information from three classes on community emergency and efforts with other catastro- response and a shelter management class run by the American Red Cross were helpful during the October crisis to the TEMA volunteers who graduated last April.

TEMA is planning more train-

For more information, call 508-821-1026 or visit www.temain-



MEET "MR PRESIDENT" OF THE ATTLEBORO AMATEUR RADIO CLUB

Area HAM John Miller N1UMJ, who lives in Taunton and is a volunteer with the Taunton Emergency Management Agency and who put in the most hours during the Whittendon Mill Dam Crisis. was elected President of the Attleboro Amateur Radio Club at the December 2005 meeting. In addition, John N1UMJ has recently been volunteering his services as a Net Control Operator (how does he do that ??) at the MEMA bunker during the first Monday of the Month RADIOGRAM training sessions.



Mr. President John Miller N1UMJ

SKYWARN NET: Roy Logan KB1CYV reports that there is a SKYWARN Net every Saturday night at 8:00 p.m. on the Bridgewater REPEATER 147.180 MHz (pl 67) and everyone is welcome.

CLUB JACKETS, HATS AND NOW BELT BUCKLES

<u>BELT BUCKLES:</u> Ken Kavaljian KB1KVL and Ron Smith N1PXX brought in their new belt buckles for show and tell. They match the gold color of the Whitman Club Jacket. The

cost is about \$20.00 and includes a belt. Contact **Ron N1PXX** or **Ken KB1KVL** for ordering details.

HATS ARE AVAILABLE: Club members have been ordering Royal Blue matching Hats at \$15.00 each from Rockland Athletics.

<u>CLUB JACKETS:</u> All club members can purchase a club jacket for just \$20.00. All you have to do is send your \$20.00 to our Treasurer **Jeff Tracy N1SOM** and give him your first name or nickname, your call sign and your jacket size and let **Jeff N1SOM** take care of the rest. At last count 48 club jackets have been ordered – a great project.



TECHNICAL TOPICS - CUSTOM MADE ANTENNAS BY John Coombs WQ1L

John Coombs WQ1L brought in a few parts from his next project to demonstrate how he intends to build a Log Periodical Dipole Array antenna for 140 MHz thru 440 MHz using two 7 ft long aluminum booms mounted less than an inch apart with insulating spacers and how he would custom mount the 32 separate dipole element sections of varying log periodic lengths.



John WQ1L with his new 6-Meter quad antenna

<<<< John WQ1L is shown on the left holding a new custom made 6-Meter two element quad antenna in his right hand and one of his custom made 2-Meter two element quad antenna in his left hand. The 6-Meter quad is 57.5 inch on a side with 27 inch spacing and the 2-Meter quad is 20 inch on a sides with about 10 inch spacing.

Shown on the right is **John WQ1L** with a custom made 2-Meter stainless steel J-Pole antenna attached to a mag-mount base that is located on the top of his truck.



John WQ1L with his stainless steel 2-Meter

J-Pole Mag-mount antenna

PLIMOTH PLANTATION FOLLOW-UP

QSL MANAGER REPORT: The Bruce NI1X volunteered to be the QSL manager for the Plimoth Plantation Special Event and reports that all QSL card requests, received to date, were mailed out in the first week in January. One QSL card was received from **Jim WB9IXS** of Wisconsin who reported that he had "worked you guys back in 1981 and again in 1984 so it has been a while". That's 24 years ago.

TECHNICIAN LICENSE CLASSES IN TAUNTON

Carlos Wharton WP4US will start Technician License Classes on Wednesday, February 23rd, between 7:00 p.m. and 9:30 p.m. at the City of Taunton DPW facilities located on Ingell Street in Taunton. The classes will last for 9 weeks. The instruction book "Now You're Talking " will cost \$17.00. Sign up by Feb. 13th with **Peter Ferreira KB1LXG** at tema2@tmlp.com

SCUTTLEBUTT

Paul Burbine N1VTI is repairing a storm damaged Cushcraft R-7 vertical antenna and reports it is in the air and the first contact was with Switzerland. **Paul N1VTI** thanks **John WQ1L** for his help in fine-tuning the mounting of the R-7 on the side of his house – a two man job.

Don Burke KB1LXH reports that he installed a copper J-Pole antenna at his home QTH, up 22 feet, just clear of the rooftop, and is getting good results from his ICOM 2100 Base Station.

Rick Hall N1MJT reports that he has a small 40 foot tower in the air with a vertical 2-Meter / 440 MHz antenna and is contemplating converting a spare room into a HAM shack at this time. **Rick K1MJT** has plans for a taller tower.



Send WA1NPO an update

Frank Hayes N10GP reports his antenna problems are keeping him off the air. His long wire fell down and his 2-meter stealth antenna, located on the roof, fell over in the winter storms.

Al Molan N1JXS reports that he has a new Amateur Radio Handbook to read.

Jeff Tracy N1SOM reports he has a diamond vertical DISCONE antenna on his house that has a range from 25 – 1300 MHz and is good for 2-Meter & 6- Meter and 440 MHz.

Bill Hayden N1FRE is helping to build up a Whitman Emergency Management Agency RACES crew through Technician Classes, RADIOGRAM training and supplying Morse code tapes to the volunteers.

Roy Logan KB1CYV reports he will try to make his one contact a day again this new year.

Mike Canney N1MRG has a new base station at his home QTH.

Jeff Lehmann N1ZZN has a 6-Meter Alinco for mobile use and is accessing the Norwell 6-Meter REPEATER - 53.33 MHz with a -1.0 MHz offset and a tone of 71.9

Jim Halpin KB1ETW reports he has a 2-Meter antenna on his tower.

Paul Moss KB1MBW has been able to check in with the WARPSN net from his home QTH in Whitman via his new handheld.

Arnie Seamans KJ1X reports in that he "tripped on a bed sheet and broke a hip and I'm now hobbling around with a walker". **Arnie KJ1X** is at the Sachem Nursing & Rehabilitation Center, which is located at 66 Central Street in E. Bridgewater, MA. 02333 and he also reports he enjoys receiving the Whitman Club Spectrum newsletter.

SCUTTLEBUTT Cont.

Ken Kavaljian KB1KVL reports that is actively studying the Morse Code.

Bob Barbour K1BAR who has no equipment yet, reports his HAM son Tim in California is sending him a 2-Meter handheld and a 6-Meter transceiver for a starter set.

RADIOGRAM TRAINING - TAUNTON RACES VOLUNTEERS

The Taunton RACES volunteers who attended the January RADIOGRAM training session are shown at the Taunton Emergency Operations Center following the session. They are L. to R. Bruce Hayden NI1X, Rose Ferreira SWL, Peter Ferreira KB1LXG, Rudy Burer KB1LXI, Bob Barbour K1BAR, Neil Harrington KB1LXL, Carlos Wharton WP4US and Don Burke KB1LXH.

The Taunton RACES crew has been offered a course in emergency communication by the ARES leadership that will start up in January.



The Taunton RACES volunteer crew

RADIOGRAM TRAINING - WHITMAN RACES VOLUNTEERS

The Whitman RACES volunteers who attended the January RADIOGRAM training session are shown at the Whitman Emergency Operations Center following the session. They are L. to R. Paul Moss KB1MTW, Bill Hayden N1FRE and Cathy Costello KB1MTX. Taking the picture was Bob Schmitt KB1MTY who is the Director of the Whitman Emergency Management Agency.

After the RADIOGRAM training session

The Bruce NI1X heard club members Roy Logan
KB1CYV, Phil McNamara N1XTB and Jeff
Lehmann N1ZZN check in with the 8:30 p.m.



The Whitman RACES volunteer crew

ARES Net on the linked REPEATERS. The closest linked REPEATER to this area is the Norwell 145.250 MHz pl 77 REPEATER.

ANTIQUE RADIO FLEA MARKETS

NEW ENGLAND ANTIQUE RADIO CLUB - WINTER SWAP MEET - Jan 21, 2006 Nashua, NH St. Stanislaus Hall - Rt. 3 (Everett Turnpike), Exit 6 - East on Rt.130 Broad St to Blue Hill Ave. 8:00 a.m. to Noon.

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WHITMAN AMATEUR RADIO CLUB, INC.

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

Post Office Box 48 Telephone: (781) 447-1655
Pine Street ARRL Club #0082
Whitman, MA 02382 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, Feb. 1st at 6:30 PM
Whitman Public Library

CLUB OFFICERS

President	Bruce	NI1X N1FRE KB1CYV N1SOM W1WSN KC1FZ	
V. President	Bill		
Secretary	Roy		
Treasurer	Jeff		
Director	Steve		
Director	George		
Director	Paul	N1VTI	

Editor Bruce NI1X E-mail articles to: ni1x@arrl.net

Web Master Jeff N1ZZN

Web Site: http://www.wa1npo.org

Club Repeater Station:

147.225 MHz (CTSS 67 Hz)

449.875 MHz (CTSS 88.5 Hz)

Whitman Amateur Radio Club, Inc. P.O. Box 48 Whitman, Ma 02382