



The Whitman Amateur Radio Club, Inc.

November 2006

SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **The Bruce N1IX – Bill Hayden N1FRE** reported that four of the Technician class students passed their Technician class license after just five weeks. The rest of the class will be taking the scheduled VE Exam in Mid November. Congratulations go to **Dick Sproul KB1MBW** who just passed his 5 wpm Morse code test and with his previously passed General class theory certificate becomes the first of the recent area graduates to upgrade to General class.

Jim O'Rourke WG1L, Bruce Hayden N1IX and Paul Moss KB1MTW checked out the new **K1USN** Radio Room facilities at the Watson Library and Research Center over the Jamboree On-The-Air (JOTA) weekend.



Whitman club volunteers reported participating in a Pilgrim Nuclear Power Plant evacuation drill, a RADIOGRAM training session and a Simulated Emergency Test of an earthquake scenario on the North Shore. **Jeff Lehmann N1ZZN** was heard helping as a SKYWARN Operator at National Weather Taunton.

At the November meeting **Ken Kavaljian KB1KVL** brought in his latest project – a 2-Meter / 440 MHz off-center fed dipole antenna made of aluminum duct tape over PVC pipe. **John Coombs WQ1L** showed pictures of his 80-Meter mobile antenna. **Paul Burbine N1VTI** showed his version of the 2-Meter / 440 MHz off-center-fed sleeved dipole antenna made of aluminum pipe. **Al Marshal KB1MJL** demonstrated a 6-Meter commercial radio converted to work on the 6-Meter band and then gave it to a new technician operator. Come to the next meeting and show us your latest project.

Next we have the Plimoth Plantation Special Event. The antenna party will be on Friday the 24th at 10 a.m. and operations will be on Saturday and Sunday November 25 - 26, 2006 from 9 a.m. to 3 p.m. Come on down and bring a new member along. All are welcome to participate and General Class Control Operators will help the Technician Class Operators put **WA1NPO** On-The-Air.

CERTIFICATES OF COMPLETION

NEW MEMBERS: **Greg Noyes KB1OAW** and **Dan Noyes KB1OAY** are both new members from Stoughton and this father and son team are shown holding their Certificates of Completion along with **Paul Moss KB1MTW** who received a Certificate of Appreciation for helping **Bill N1FRE** with the Technician license classes.

Bill Hayden N1FRE – The Instructor for the Technician classes - made the presentations at the November meeting.



Greg KB1OAW & Dan KB1OAY
Paul KB1MTW & Bill N1FRE

NOTES OF THE MEETING OF November 1, 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 6:30 p.m.

ATTENDANCE: Twenty-four members / guests were present, including the four elected Officers and two Directors. A quorum was present.

WQ1L	John Coombs	N1VTI	Paul Burbine	N1ZZN	Jeff Lehmann
W1MMM	Bob Sikes	K1BAR	Bob Barbour	KB1ETW	Jim Halpin
KA1PJX	Don Keene	WG1L	Jim O'Rourke	N1OYH	Carl Davis
KB1MTW	Paul Moss	N1JXS	Al Molin	KB1MJL	Al Marshall
N1WIG	Sam Webber	KB1KVL	Ken Kavaljian	SWL	Pat Kavaljian
K1REL	Bob Loring	NI1X	Bruce Hayden	N1FRE	Bill Hayden
N1NTZ	Ed Meehan	N1SOM	Jeff Tracy	KB1CYV	Roy Logan
KB1OAY	Dan Noyes	KB1OAW	Greg Noyes	N1EY	Bill O'Hara

TREASURER'S REPORT: The treasurer's report for October was read by **Jeff N1SOM**. **Jeff N1ZZN** made a motion seconded by **John WQ1L** that the treasurer's report be accepted as read. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Bob W1MMM** seconded by **Ed N1NTZ** that the secretary's report be accepted as published in the October Newsletter. The motion was approved.

HEALTH & WELFARE: **Ken KB1KVL** reported that **Ron N1PXX** and **Joan KB1NAX** have been under the weather. Hope the newsletter finds you fully recovered.

OLD BUSINESS: A letter was received from the Abington Public Library thanking the WARC for renewal of the QST subscription.

NEW BUSINESS: **Bill N1FRE** and **Bruce NI1X** reported on preparations for the Plimoth Plantation Special Event to be held on the weekend following Thanksgiving. The antenna crew should meet in the lower parking lot on Friday, November 24th at 10:00 a.m. **Bill N1FRE** announced that there were 16 graduates of the Technician license class, with four passing their license exam prior to completion of the class. **Bill N1FRE** presented Certificates of Completion to those in attendance and a special Certificate of Appreciation to **Paul KB1MTW** for his assistance in the success of the program. Congratulations to all for a job well done.

CLUB ANTENNA ANALYZER LOCATION: **Bruce NI1X** (Needed for Plimoth Plantation)

NEW MEMBERS: **Bill N1FRE** made a motion seconded by **Ed N1NTZ** that **KB1OAW Greg Noyes**, **KB1OAY Dan Noyes** and **KB1OAV Gloria Chiaramonte** be accepted as one-year dues-free members. The motion was approved. Welcome to the WARC and to the hobby!

TECHNICAL TOPICS: It was a busy evening with presentations by several members. **Ken KB1KVL** demonstrated a Portable OCF Sleeve Dipole he had constructed. **Paul N1VTI** showed the enhancements he has made to the dual band dipole he has made for the Bridgewater EOC and CW keys he has modified for code practice. **Al KB1MJL** displayed a GE 2-way Progress Line he has acquired. **Jim WG1L** discussed articles of interest in the current FIST publication.

NOTES OF THE MEETING OF November 1, 2006 de KB1CYV Cont:

NET CONTROLS: 11/5 Roy KB1CYV 11/12 Bruce NI1X 11/19 Jeff N1SOM 11/26 Bill N1FRE
Please note the 11/26 NET will be held at 9:30 A.M. from Plimoth Plantation. Experienced NET Control Operators will gladly assist anyone interested in running a NET.

CLOSE: President Bruce NI1X closed the meeting at 7:50 P.M. following a motion by Jeff N1ZZN seconded by Ken KB1KVL.

NEW MEMBER



**Gloria Chiamonte KB1OAV
of Whitman**

Certificate of Completion

This Certifies that

**Gloria Chiamonte
KB1OAV**

has satisfactorily completed the requirements for graduation as prescribed by the Whitman Emergency Management Agency and the Whitman Amateur Radio Club HAM Radio license course which include consistent attendance, prescribed study, and classroom participation, contributing toward the ultimate goal of attaining the Technician Class HAM License.

Diploma

Given this twenty fifth day of October, 2006



Paul Moss KB1MTW

CLUB HOUSE PROJECTS

Paul Moss KB1MTW volunteered to keep the grass cut this summer. Thanks **Paul KB1MTW**. Maintaining the Club House is an ongoing project.

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. In October we had five (5) sessions with an average of 9 area HAMS checking in each week and 9 messages were sent



**Checking in
with WA1NPO**

PILGRIM EVACUATION DRILL - TAUNTON GRADED EXERCISE

The City of Taunton, The Town of Bridgewater and the Town of Braintree took part in a FEMA graded exercise to test the Plymouth evacuation plans for these three host communities. During this exercise - as conditions at the Pilgrim Nuclear Power Plant deteriorated – the precautionary measure of evacuating the Plymouth School children to Braintree, Bridgewater and Taunton were simulated. This was followed by the evacuation of some of the residents in the immediate area around the plant. As an example – the City of Taunton might see 110 school busses and about 10,000 extra people in the city. The Red Cross would plan to set up shelters if people were still housed in the Host schools after 8 p.m. at night. Some of the Mass Care Shelters would be set up in neighboring cities and towns.



Bob Barbour K1BAR
Red Cross Liaison



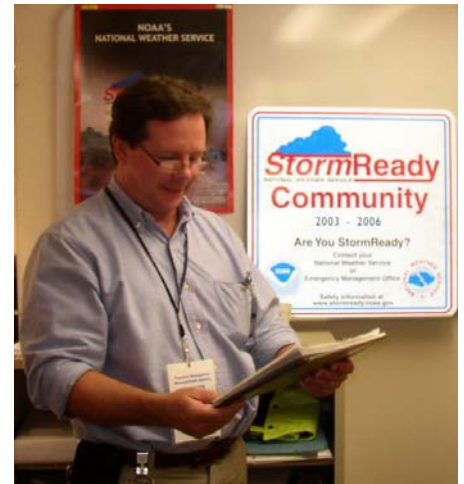
John N1UMJ, The Bruce NI1X & Rudy KB1LXI
manning the Radio Room



Dave Souza W1DFS
Rumor Control



Rick Ferreira KB1KWF
Director - TEMA



Peter Ferreira KB1LXG
Asst. Director - TEMA

Each city and town has a core group of amateur radio RACES operators on call. The plan is to staff each host school with an amateur radio operator who brings his own 2-Meter / 440 MHz transceiver “Go Kit” and helps provide backup communication between the host schools and the Emergency Operations Center. More volunteers are needed. Contact **Carl Aveni N1FY** - E-mail cave@peoplepc.com to help out in Bridgewater or **Bruce Hayden NI1X** - E-mail bhayden@tmlp.com to help out in Taunton.

PILGRIM EVACUATION DRILL - BRIDGEWATER GRADED EXERCISE

Herb Lemon KC1ZW, The Bridgewater Emergency Management Agency Director, stresses that the likelihood of anything happening at the Pilgrim Nuclear Power Plant is very unlikely given that there are all kinds of safeguards in place. The training and equipment in place enables the cities and towns to be ready to respond to any emergency, not necessarily related to the Nuclear Plant, like the Dam Crisis in Taunton. **Roy KB1CYV**, **Phil McNamara N1XTB** and **Joe W1JOE** are Whitman Club members.



Carl Aveni N1FY
at the Bridgewater EOC
photos by Phil N1XTB



Joe Serrilla W1JOE & Roy Logan KB1CYV
Alan Cox K1VQ & Bob Mandeville N1EDM

(ARES) - SIMULATED EMERGENCY TEST

On Saturday November 4th **Rob Macedo KD1CY** – the Eastern Massachusetts Amateur Radio Emergency Service Section Emergency Coordinator - coordinated a Statewide Simulated Emergency Test (SET) with a scenario that involved an earthquake on the North Shore that resulted in REPEATERS going off line and all communications relayed by simplex mode of operation.



Taunton SET drill participants
at the Taunton EOC



Phil N1XTB &
Mike W1MPN
at the Bridgewater EOC

Mobilizing at the Taunton Emergency Operations Center and seen in the above photo were L. to R. **Greg Glynn KB1NLX**, **Bob Barbour K1BAR**, **Bruce Hayden N1IX** and **Peter Ferreira KB1LXG** - the Asst. Director of TEMA. "This is a Drill" - messages were sent.

Mobilizing at the Bridgewater EOC (the ARES Command Center for Southeastern Massachusetts) and seen in the photo to the left were **Phil McNamara N1XTB** and **Mike Neilson W1MPN** with **Carl Aveni N1FY** taking the picture. Both crews had no problem contacting **Rob KD1CY** who was 20 miles away in Acushnet by 2-Meter simplex.

TAUNTON AREA COMMUNICATION GROUP - BOY SCOUT SPECIAL EVENT

The Taunton Area Communication Group (TACGroup) volunteered to put on an amateur radio demonstration at the Boy Scout Camp Norse in November. **Don KB1LXH, Dave W1DFS, Rudy KB1LXI** and **Greg KB1NLX** are Whitman Club members. The following is the TACGroup press release:



Dave Souza W1DFS
ready to cook



Rudy KB1LXI & Greg KB1NLX
John N1UMJ & Neal KB1LXL



John Miller N1UMJ



Greg Glynn KB1NLX



Don Burke KB1LXH

FOR IMMEDIATE RELEASE By: Don Burke KB1LXH and Greg Glynn KB1NLX

The Taunton Area Communications Group (TACGroup) held the first of several special events and activities, demonstrating Amateur Radio to scouts in Plymouth on November 4th. The Tulpe Lodge 245 of the Order of the Arrow invited the TACGroup to its fellowship weekend at Camp Norse BSA. The club members “showed their wares” to approximately 40 scouts who visited the TACGroup station. **John Miller N1UMJ** operated HF on 20 and 40 Meters, while **Greg Glynn KB1NLX** manned a 2-Meter station. Despite a “finicky” HF radio, several contacts were made nationally, complimenting local QSO’s via the Bridgewater **W1MV REPEATER**. An amateur from Taunton, England checked in via Echolink, much to the delight of the scouts. Other operators at the event were, **Neal Harrington KB1LXL, Rudy Burer KB1LXI, Dave Souza W1DFS** (Assistant Scout Master - troop 61 – Norton, MA), and TACGroup president **Don Burke KB1LXH**. Several scouts who stopped by expressed an interest in becoming Amateur Radio Operators. The TACGroup hopes that their efforts may have “lit the spark” that will begin a new technician class in the spring. The Order of the Arrow is an Honor Camper Society within scouting whose members must prove themselves in “brotherhood, cheerfulness and service”. Membership in the Order of the Arrow is considered a high honor.

JAMBOREE ON THE AIR -- OPERATING W1BSA FROM THE WATSON LIBRARY K1USN RADIO ROOM

The **K1USN** crew has a new home in the Watson Library and Research Center located at 83 Quincy Ave in Braintree. The HAM shack is located in a huge room in the basement that is filled with several computer / transceiver work stations along with plenty of room for book cases, magazine racks, file cabinets and open wall space for maps and posters. The crew is installing an antenna tower at this time.

Bob Sibbald WA1TPC is seen operating a Slow Scan TV station with **Bill O'Hara N1EY** to his right, then **Paul Moss KB1MTW** is seen with **Bruce Hayden NI1X** holding the **K1USN** sign. **James Fahey**, the Director of the Watson Library, is seen standing in the back with **Tom Wilson KB1TOM** seated at another HF station and using the call sign **W1BSA** – (Pi **K1RV** is the Trustee).



The K1USN Radio Room

Jim O'Rourke WG1L is shown teaching two cub scouts how to send their names in Morse code. Jamboree On-The-Air started in 1958 and provides an opportunity to showcase amateur radio to Boy Scouts, Girl Scouts, Cub Scouts, Brownies and Guides all around the world.



Jim O'Rourke WG1L



Bruce NI1X & Paul KB1MTW
Jim Fahey SWL

The **Bruce NI1X** and **Paul KB1MTW** were treated to a private tour of the museum by **James Fahey** the museum Director. The museum is dedicated to **Thomas Watson** and military history. The library section is filled with books on **Thomas Watson**, military history and the history of Braintree.

Thomas Watson was the co-inventor of the telephone with **Alexander Graham Bell** and became the Head of Research and Development at the National Bell Telephone Company. This made him a wealthy man. We got to hear the story of the famous “**Mr. Watson - come here - I need you**” the first words spoken over the new telephone transmitter / receiver being developed by **Alexander Graham Bell** and **Thomas Watson**. After he resigned from the Bell Telephone Company, **Thomas Watson** became the founder of what would become the Fore River Shipyard.

TECHNICAL TOPICS - THE 80-METER MOBILE ANTENNA



John Coombs WQ1L



John WQ1L, Bruce N1XZD & Vic N1OEH

John Coombs WQ1L built a mobile antenna for 80-Meters by winding 67 feet of copper wire around a 7 foot long fiberglass pole and attaching the pole with a universal ball mount to a frame mounted on the cab of his truck. **John WQ1L** cut a groove in the 7 foot long $\frac{3}{4}$ inch fiberglass rod that had five turns per inch and tightly wound the copper antenna wire in the groove. The wire is covered with heat shrink. The antenna wire attaches to a SGC-230 automatic antenna tuner. **John WQ1L** reports that he has made 80-Meter contacts with New York, Maine and New Hampshire and 40-Meter contacts with New Jersey, Pennsylvania, Maryland, North Carolina and Virginia while traveling between Marshfield and Whitman. **John WQ1L** also reported a 17-Meter contact with Belgium.



Ken Kavaljian KB1KVL
homemade antenna



Al Marshall KB1MJL
and his 6-Meter rig



Paul Burbine N1VTI
homemade antenna

Ken Kavaljian KB1KVL gave the members present at the November meeting a demonstration of the KV5R portable 2-Meter / 440 MHz sleeved dipole he made out of aluminum duct tape on a length of PVC pipe. **Paul Burbine N1VTI** is holding a modification of the same 2-Meter / 440 MHz sleeved dipole that was made with aluminum pipe mounted inside a length of PVC pipe. **Al Marshall KB1MJL** gave a demonstration of a GE Progress line commercial radio that has been converted to operate on the 6-Meter band.

FIRST MONDAY OF THE MONTH - RADIOGRAM TRAINING

Seen in the photo taken at the Taunton Emergency Operations Center following the November RADIOGRAM Training session are standing L. to R. **Don Burke KB1LXH, Dick Sproul KB1MBW, Rudy Burer KB1LXI, Bob Barbour K1BAR, Neal Harrington KB1LXL and Greg Glynn KB1NLX.** Seated L. to R. are **Dave Souza W1DFS, Peter Ferreira KB1LXG and Bruce Hayden NI1X**



Bill Hayden N1FRE and Jeff Tracy N1SOM participated in the November RADIOGRAM Training at the Whitman Emergency Operations Center.

The Taunton RACES volunteers

In November three RADIOGRAM messages were sent to the local Emergency Management Agency Directors from the MEMA Region II headquarters located at the Bridgewater State Prison Bunker facilities. The next RADIOGRAM training session will be on Monday December 4th. Listen in at 7:30 p.m. on the Taunton REPEATER 147.135 MHz PL 67 or at 8:00 p.m. on the Norwell REPEATER 145.250 MHz PL 77 and copy the messages from home. Even better – come to the Whitman or Taunton Emergency Operations Center (EOC) where all are invited to join in and copy the three or four RADIOGRAM messages in a classroom setting – no pressure.

MILITARY AMATEUR RADIO SERVICE (MARS) - UPDATE

Phil McNamara N1XTB reports that the MARS group has entered into a memo of understanding with the Transportation Safety Agency (TSA) to set up MARS stations at a half dozen airports around the country. **Phil N1XTB** says – “As I understand it, two, two man teams (12 Hour shifts) per airport with their own HF gear with PACTOR capability would provide WINLINK E-mail support to the TSA in the event of communication / internet outages. Team members would be volunteers from all three MARS branches.”

SCUTTLEBUTT: **Bill Hayden N1FRE** reports that he made a slinky antenna and installed it in his attic, that used two slinkies and has an equivalent length of 132 feet and tunes up on HF just fine. **Bill N1FRE** also reported that he built an off-center fed 2-Meter / 440 MHz dipole antenna and installed it in his attic at the same time.

PLIMOTH PLANTATION SPECIAL EVENT - SHIFT OPERATORS NEEDED

We need at least 20 extra operators over four shifts - Saturday 9 a.m. to Noon, Saturday Noon to 3 p.m., Sunday 9 a.m. to Noon and Sunday Noon to 3 p.m. to help **Bill N1FRE, Paul N1VTI, Jim N1OIU, Bruce NI1X and Roy KB1CYV** man four HF Base Stations and two 2-Meter Base Stations.



WHITMAN AMATEUR RADIO CLUB, INC.

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



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

CLUB OFFICERS

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, Dec. 6th at 6:30 p.m.
Whitman Public Library

President	Bruce	NI1X
V. President	Bill	N1FRE
Secretary	Roy	KB1CYV
Treasurer	Jeff	N1SOM
Director	George	KC1FZ
Director	Paul	N1VTI
Director	Jeff	N1ZZN

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

Web Master	Jeff	N1ZZN
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Web Site: <http://www.wa1npo.org>

Club Repeater Station:	147.225 MHz (CTSS 67 Hz)	449.875 MHz (CTSS 88.5 Hz)
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*Whitman Amateur Radio Club, Inc.
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