



The Whitman Amateur Radio Club, Inc.

October 2006

SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **The Bruce N11X – Bill Hayden N1FRE** reports that the Technician classes, being held in Whitman at the Whitman Emergency Management Agency Emergency Operations Center at the Central Fire Station are halfway through the 8-week course with 17 participating students. These “soon to be HAMS” will be encouraged to learn more about this fascinating hobby of amateur radio and will be invited to join the Whitman Amateur Radio Club free of charge for the first year.

Several Whitman Club members participated in Pilgrim Nuclear Power Plant evacuation drills with Emergency Management Agencies in the Town of Bridgewater and the City of Taunton. Whitman club members reported participating in a Taunton Emergency Management Agency (TEMA) / HAM radio exhibit that was set up outdoors at the Boyden wildlife conservation area in Taunton during local fundraising activities on Oct 7th. Other members reported helping the Massasoit club provide communication support for a Triathlon held in Field Park in Brockton and a YMCA sponsored road race in E. Bridgewater.

The new club REPEATER has been installed and is working just fine with some minor adjustments still to be made. **Bill Hayden N1FRE** reports 25 watts out of the REPEATER and about 12 watts at the antenna - with no amplifier in use at this time.

Several Whitman Club members attended Hosstraders on Oct 6th & 7th in Hopkinton, New Hampshire and brought home goodies. Are you having fun with this hobby yet ?? Come to the next meeting and share your radioactive adventures and projects with the other club members.

TECHNICIAN CLASSES ARE UNDERWAY IN WHITMAN



Bill Hayden N1FRE is shown on the left talking with two of his Technician class students as the rest of the class finish up taking a practice test. **Paul Moss KB1MTW**, who is helping **Bill N1FRE** and **Barbara Anderson KB1NMG**, who's husband is in the class, can be seen standing in the back of the room. Several students are already asking where they can take the test early.

SECRETARY'S NOTES OF THE MEETING OF October 3, 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 6:35 p.m.

ATTENDANCE: Twenty-seven members / guests were present, including the four elected officers and three directors. A quorum was present. **Rick Turner VO1ZX** was visiting from Newfoundland.

N1VTI	Paul Burbine	N1ZZN	Jeff Lehmann	K1WGU	Bob Bass
N1NTZ	Ed Meehan	KB1KVL	Ken Kavaljian	SWL	Pat Kavaljian
KB1NAX	Joan Smith	N1PXX	Ron Smith	K1BAR	Bob Barbour
K1MRH	Barbara Rice	K1REL	Bob Loring	KB1MJL	Al Marshall
N1OYH	Carl Davis	N1EY	Bill O'Hara	WQ1L	John Coombs
N1WIG	Sam Webber	KA1PJX	Don Keene	KB1ETW	Jim Halpin
WG1L	Jim O'Rourke	VO1ZX	Rick Turner	KB1MTW	Paul Moss
KC1FZ	George Davis	KB1NMG	Barbara Anderson	N1FRE	Bill Hayden
NI1X	Bruce Hayden	N1SOM	Jeff Tracy	KB1CYV	Roy Logan

TREASURER'S REPORT: The treasurer's report for September was read by **Jeff N1SOM**. **Ron N1PXX** made a motion seconded by **Ken KB1KVL** that the treasurer's report be accepted as read. The motion was approved

SECRETARY'S REPORT: A motion was made by **Ed N1NTZ** seconded by **Ron N1PXX** that the secretary's report be accepted as published in the September newsletter. The motion was approved.

HEALTH & WELFARE: Members were asking about **Walter K1BZD**. **Bruce NI1X** reported he plans to visit **Walter K1BZD** and will provide an update.

OLD BUSINESS: **Bill N1FRE** reported the Technician class participants have reached the halfway point with several expressing an interest in pursuing their General class ticket. **Bruce NI1X** has received **WA1NPO** Plimoth Plantation QSL card requests and will respond. **Paul KB1MTW** reported the he and **Bill N1FRE** and **Jeff N1ZZN** are working to eliminate the time-out problem on the new repeater. Until an adjustment can be made, watch your LEDs for the carrier drop after the courtesy tone to avoid timing out the repeater.

NEW BUSINESS: **Bruce NI1X** reported that he has submitted the Plimoth Plantation special event information for publication in QST. **Bill N1FRE** reported that he will be in contact with Plantation management soon. This is a golden opportunity for those desiring to experience HF contacts. **Bruce NI1X** will extend an invitation to the Genesis club members to participate, based on a request from **Ron N1PXX**. **Jeff N1SOM** made a motion seconded by **Sam N1WIG** to renew the QST subscription donated to the Abington Public Library. The motion was approved. **Paul KB1MTW** will explore interest by the local Boy Scout troop in participating in Jamboree-On-The-Air (JOTA). **Bruce NI1X** reported that a group of Taunton HAMS have formed a new club, the Taunton Communications Group, and have applied for and received a club call sign **KB1NYY**.

CLUB ANTENNA ANALYZER LOCATION: **Bruce NI1X**

TECHNICAL TOPICS: **Paul KB1MTW** showed the modifications he is making to a dual-band dipole antenna featured in the August 2006 issue of QST.

SECRETARY'S NOTES OF THE MEETING OF October 3, 2006 de KB1CYV Cont:

NET CONTROLS: 10/1 Roy KB1CYV 10/8 Bill N1FRE 10/15 Ron N1PXX 10/22 Jeff N1SOM 10/29 Bruce NI1X. Experienced Net Control operators will assist anyone interested in running a Net.

CLOSE: President Bruce NI1X closed the meeting at 7:50 p.m. following a motion by Ron N1PXX seconded by Bob K1WGU.

HEALTH & WELFARE FOLLOW-UP: The Bruce NI1X visited Walter Dolson K1BZD at the South Shore Rehab and Skilled Care Center located in Rockland. Walter K1BZD gets around in a wheel chair and Walter's K1BZD wife Edie reports that they plan a car trip two or three times a week. Their latest trip was to Nantasket Beach where they had lunch while they watched the surf and checked out the scenery. Walter's K1BZD mailing address is 115 North Avenue, P.O. Box 381, Rockland MA 02370.

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 September we had four (4) sessions with an average of 9 area HAMS checking in each week and 7 messages were sent.



Checking in
with WA1NPO

EMERGENCY MANAGEMENT AGENCY - DIRECTOR OF THE YEAR AWARD

Last month Rick Ferreira KB1KWF was the recipient of the Massachusetts Emergency Management Agency - Director of the Year Award. This month Rick KB1KWF was presented with the Northeast States Emergency Consortium's - Director of the Year Award. This Consortium includes representatives from all New England States plus New York and New Jersey. Rick KB1KWF is surrounded by his supporters that include Robert Nadeau, a MEMA manager, who made the presentation and is seen on his left and with Doug Forbes, a MEMA official, to his right. They in turn are



Rick Ferreira KB1KWF
Holding Director of the Year Award

surrounded by Rick's KB1KWF Taunton Emergency Management Agency (TEMA) volunteers as they left the Taunton City Council Chambers following the presentation on October 10th. Many of the TEMA volunteers are HAMS. The picture was taken by The Bruce NI1X.

PILGRIM NUCLEAR POWER PLANT – EVACUATION DRILL



Taunton RACES volunteers

Shown at the Taunton Emergency Operations Center following the Pilgrim Nuclear Power Plant evacuation drill are L. to R. **Bob Barbour K1BAR** with **Peter Ferreira KB1LXG** – assistant TEMA Director – standing on a chair behind **John Miller N1UMJ** and towering over everybody, followed by **Bruce Hayden NI1X**, **Rudy Burer KB1LXI**, **Carlos Wharton WP4US**, **David Souza W1DFS** and **Steve Foster KB1KZW**. Also participating but not present when the group picture was taken were **Rick Ferreira KB1KWF** – Director of TEMA and **Barbara Foster KB1KZX**. Only **Bruce NI1X**, **John N1UMJ**, **Carlos WP4US** and **Rudy KB1LXI** were participating as amateur radio RACES communicators during this drill. The six other amateur radio trained RACES communicators were assigned to various administrative functions.

You should be aware that the City of Taunton, the Town of Bridgewater and the Town of Braintree are designated host communities during a Plymouth Nuclear Power Plant evacuation and amateur radio backup emergency communication support is incorporated as an integral part of those plans. Each city and town have a core team of RACES volunteers.

Each city or town has a designated Reception Center and Transportation Staging Area. The city or town would dismiss their school students and be ready to accept school busses with Plymouth area school children and their teachers at pre-designated host schools that would serve as Red Cross Mass Care Shelters if people were still occupying the buildings after 8:00 p.m. at night.

The Pilgrim Nuclear Power Plant evacuation drill involved the whole City of Taunton and is coordinated by **Rick Ferreira KB1KWF**, the Director of the Taunton Emergency Management Agency. This drill started with an “ALERT” notification from the Pilgrim Power Plant that triggered a call up of personnel. As an example - **The Bruce NI1X** was called at home at 8:45 a.m. and was able to report to the Taunton Emergency Operations Center by 9:05 a.m.

At the same time in Bridgewater, **Carl Aveni N1FY**, the Town of Bridgewater Radio Communication Officer, was notified and called in Massasoit club members **Phil McNamara N1XTB**, **Bob Bass W1WGU** and **Roy Logan KB1CYV**.

PILGRIM NUCLEAR POWER PLANT – EVACUATION DRILL Cont:



Rick Ferreira KB1KWF
Director – TEMA



Barbara Foster KB1KZX
Where is your Identification badge ??

During the drill, as the plant conditions deteriorated, the precautionary action of evacuating school children to designated host schools in Taunton, Bridgewater or Braintree was simulated. Amateur radio operators would provide backup emergency communication between the Emergency Operations Center (EOC) and the Reception Center, the Transportation Staging Area and the Host Schools / Red Cross Mass Care Shelters.

The HAMS are expected to be self-sufficient and would bring a “Go-Kit” that includes a 2-Meter and / or 440 MHz transceiver, power supply and portable antenna. Taunton and Bridgewater are building an inventory of amateur radio “Go-Kits” for use by RACES communicators who do not yet have equipment of their own. In this drill scenario, the plant was stabilized and the drill terminated at 1:00 p.m.

“21 Century Emergency Communications Act” – a new Federal Law - formally makes Amateur Radio Operators part of the “Regional Emergency Communications Coordination Working Group”

The ARRL plans to follow up to determine how it can interact with the Department of Homeland Security and its Office of Emergency Communication. The ARRL is contemplating, and has under development, a national Amateur Radio Emergency Services (ARES) database of HAMS ready and fit for deployment. Current deployment decisions are made at the local ARES section level at this time.

TECHNICAL TOPICS – A SIMPLE “GO-KIT” ANTENNA

There has been great interest in building variations of the **RV5X** designed 2-Meter / 440 MHz dipole antenna – the “Neat Dual Band Antenna” - that was detailed in the August issue of QST on pg. 50. **Paul Burbine N1VTI**, and **Paul Moss KB1MTW** have built different versions and brought them to the club meetings for show and tell. **Bob Bass W1WGU** just built one for himself and one for **Roy KB1CYV**. **Ken Kavaljian KB1KVL** reports that he has built one also. A fun project – check it out.

John Coombs WQ1L is building an 80-Meter whip antenna for his truck that will have 67 feet of wire wrapped around a fiberglass shaft with a stainless steel adjustable whip extension attached to the top. More details of these fun projects at the next month.

TAUNTON EMERGENCY MANAGEMENT AGENCY (TEMA) – AMATEUR RADIO EXHIBIT

At the Gertrude M Boyden Wildlife Nature Refuge October 7th



**Carlos WP4US, Neal KB1LXL, David W1DFS
Bob K1BAR & The Bruce NI1X**



**Bob Barbour K1BAR
teaching Morse code**



**Peter KB1LXG & daughter Rose
Jason Legrow KB1KVD & wife Jessica**



**Barbara KB1KZX and granddaughter Page
Steve Foster KB1KZW**

There were 9 Area HAMS helping **Peter Ferreira KB1LXG** put on a TEMA / Amateur Radio Exhibit at the fund raising event for the Gertrude M. Boyden Wildlife Refuge and several other Taunton area non-profit organizations on Saturday October 7, 2006.

The HAM crew set up the TEMA ICOM IC-706 Mark II HF Transceiver with **The Bruce's NI1X** portable OUTBACKER antenna mounted on an aluminum stand on the grass a few feet away and hidden in a grape arbor. The TEMA portable 2-Meter Diamond antenna was also set up for local contacts. Fifteen (15) HF contacts were made on 17-Meters with stations as far away as Russia and Hungary to the East. Georgia to the South and California to the West. Those able to participate were:

NI1X	Bruce Hayden	WP4US	Carlos Wharton	KB1LXG	Peter Ferreira
W1DFS	David Souza	KB1NLX	Greg Glynn	KB1LZX	Barbara Foster
KB1KZW	Steve Foster	KB1KVD	Jason Legrow	K1BAR	Bob Barbour
KB1LXL	Neal Harrington				

TAUNTON AREA COMMUNICATION GROUP

A group of Taunton RACES volunteers have started their own amateur radio club. The "Taunton Area Communication Group" as they have called themselves has been granted the club call sign **KB1NYY**. **Don Burke KB1LXH** is President, **Greg Glynn KB1NLX** is the Vice President, **David Souza W1DFS** is the Secretary and **Neal Harrington KB1LXL** is the Treasurer, and **Carlos Wharton WP4US** is the club call sign Trustee. They were helping **Peter Ferreira KB1KWF** – the Assistant Director of TEMA - at the TEMA / Amateur Radio Exhibit at the Boyden Wildlife Refuge, explaining the CERT volunteer program, teaching kids to send their name in Morse code, passing out information about their new Taunton area club and promoting Technician HAM classes scheduled to start on October 23rd in Taunton at the Morton Hospital Cafeteria Conference Room

JAMBOREE-ON-THE-AIR FOLLOWUP: At **Bill O'Hara's N1EY** suggestion - **Paul KB1MTW** was put in contact with **Pi Pugh K1RV** and preliminary arrangements were made to have the Whitman Scouts visit the **K1USN** Watson Library Club House on Saturday October 21, 2006 at 1:00 p.m.

Oct 21st - NEW ENGLAND ANTIQUE RADIO CLUB VINTAGE RADIO SHOW AND SWAPMEET

The new location is the Manchester Bingo Center, Manchester, NH From I-293, Exit 1 – go northbound on South Willow Street (Rt. 28). Turn left onto John E. Devine Drive. Time 7 a.m. to 12 noon.

WHITMAN FIRE RESCUE OPEN HOUSE

Bill Hayden N1FRE reported that he and **Mat O'Malley KB1MTZ** were among the many volunteers who helped **Bob Schmitt KB1MTY** – the Director of the Whitman Emergency Management Agency - at the Whitman Fire Rescue open house on October 9th. They were explaining the Community Emergency Response Team (CERT) volunteer program and the importance of amateur radio communication to the 300 visitors. Photo by **Bill N1FRE**.



Bob Schmitt KB1MTY

YMCA FALL FROLIC ROAD RACE - Sunday October 15th

The Massasoit Club volunteered to provide communication support for the East Bridgewater YMCA 5K Fall Frolic Road Race. The weather was beautiful with about 40 runners / walkers taking part. **Carl Aveni N1FY**, President of the Massasoit club, had put out a call for help to both Whitman and Massasoit club members. Those responding to support this public service event are shown in the photo. They are L. to R. are **Bruce Hayden N1X**, **Paul Moss KB1MTW**, **Carl Aveni N1FY**, **Gary DeCoster WA1CIM**, **Roy Logan KB1CYV** and **Phil McNamara N1XTB**.



Public Service Volunteers

FIRST MONDAY OF THE MONTH RADIOGRAM TRAINING

The Taunton RACES volunteers are shown following the October RADIOGRAM training session at the Taunton Emergency Operation Center. Standing left to right are – **Greg Glynn KB1NLX**, **David Souza W1DFS** – the Net Control for the night, **Bob Barbour K1BAR**, **Rudy Burer KB1LXI**, **Carlos Wharton WP4US** and **Bruce Hayden N1IX**. Shown seated Left to right are **Peter Ferreira KB1LXG**, the Assistant TEMA Director, **Don Burke KB1LXH** and **Neal Harrington KB1LXL**



The Taunton RACES volunteers

The Whitman RACES volunteers are shown at the Whitman Emergency Operations Center following the October RADIOGRAM training session. Shown left to right are **Paul Moss KB1MTW**, **Erika LaFlamme KB1MTV**, **William Anstead KB1NPH**, **Ed Meehan N1NTZ** and **Cathy Costello KB1MTX**.

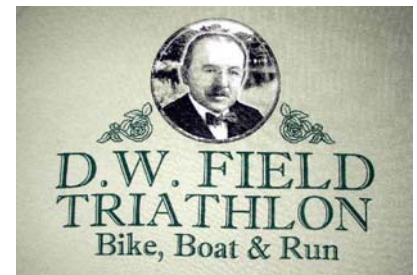


The Whitman RACES volunteers

Present but not shown is **Bill Hayden N1FRE** who was taking the picture and served as Net Control for the night.

John Miller N1UMJ sent three RADIOGRAM messages 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 November 6th. 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.

D. W. FIELD TRIATHLON: The Massasoit Club volunteered to provide communication support for the Second Annual D. W. Field Triathlon which was held on September 24, 2006. **Carl Aveni N1FY**, President of the Massasoit club, assembled a team of Massasoit and Whitman club members that included **Paul Burbine N1VTI**, **Paul Moss KB1MTW**, **Roy Logan KB1CYV**, **Bob Keene N1LCY** and **Phil McNamara N1XTB**. The Triathlon is in memory of **Dave Regan** – It was reported that there were about 90 participants.



HOSSTRADERS TAILGATE FLEAMARKET OCTOBER 6TH & 7TH

The weather was beautiful – no rain – and the trees were turning color. **Paul Burbine N1VTI** set up a vendor table on Friday and then volunteered as a VE examiner on Saturday. **Paul N1VTI** reported that 13 of 17 candidates passed with one 8 year old girl passing the 5 wpm code test.



Jeff Lehmann N1ZZN
Operating his Hosstraders Radio 103.1 FM
that could be heard 5-7 miles away



Ed N1NTZ, John WQ1L, Ken KB1KVL
Paul KB1MTW & Ron N1PXX
(The Blue Crew – checking out the goodies)



Bill Hayden N1FRE
with Paul Burbine N1VTI
making HF Contacts



Bruce Hayden N1IX
Sam Webber N1WIG
Paul Burbine N1VTI

Paul N1VTI reported that he picked up a mini paddle and a code oscillator kit to experiment with along with a small rotor to use with a 2-Meter beam at his home QTH. **Ken KB1KVL** reported that he picked up a Kenwood FT-8800 transceiver. **Bruce N1IX** picked up an off center fed dipole all band HF antenna. **Sam N1WIG** picked up a Cushcraft R-5 Vertical HF antenna.

Bob Barbour K1BAR reported he attended the Connecticut Ham Fest and picked up a few more goodies. **Bob K1BAR** had purchased an off center fed HF Dipole antenna and **The Bruce N1IX** helped him install it about 20 feet off the ground. **Bob K1BAR** is looking for help to raise the antenna to the top of his pine trees.



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, Nov. 1st at 6:30 PM
Whitman Public Library

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

Editor	Bruce	NIIX
E-mail articles to:	niix@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.
P.O. Box 48
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