



The Whitman Amateur Radio Club, Inc.

December 2007

SPECTRUM



The Voice of the Humble Electron

Founded 1962

PLIMOTH PLANTATION 2007 SPECIAL ISSUE

PRESIDENT'S MESSAGE: This is **Paul N1VTI** – The Plimoth Plantation 2007 Special Event was a great success thanks to all the members and area HAMs who made that special effort to participate. There were 26 Whitman Club members and 5 area HAMs who helped set up and operate three HF Base Stations, one Echolink Base Station and two 2-Meter Base Stations along with five portable antennas at the recreation of the 17th century Pilgrim Settlement and Wampanoag Indian Homesite. The crew exchanged contacts with 171 other amateur radio operators in 37 States, 6 Foreign countries and 2 Canadian Provinces.



Paul Burbine
N1VTI

Of special interest was a contact with **Laurie Hummerstone M0VRT** of Plymouth England who is a member of the Plymouth (England) Amateur Radio Club.

Special Event Station at **Plimoth Plantation**

Be it known that

171 Stations from 37 States, 6 Foreign Countries
and 2 Canadian Province

made two-way radio contact on

November 24th and 25th, 2007

with the Whitman Amateur Radio Club

operating from Plimoth Plantation

home of Mayflower II

Plymouth, Massachusetts

USA

WAINPO



Thanksgiving
2007

Bruce D. Hayden N1IX
QSL MANAGER

THE FRIDAY MORNING ANTENNA CREW



It took 2 hours to install three HF antennas and 2 VHF antennas at three different building locations at the Plimoth Plantation. Twenty Whitman Club members and one guest showed up for the Friday morning antenna party. The weather was great but - with the temperature in the low 30's - the gloves were on. The antenna crew consisted of:

Top Row L. to R.

**Jim Halpin KB1ETW, Jim Madden KB1PFL, John Murphy KB1PHN
and Bob Loring K1REL.**

4th row L. to R.

**Don Keene KA1PJX, Paul Burbine N1VTI, Dan Chase KB1PFU
and John Chase KB1ODS**

3rd row L. to R.

**George Davis KC1FZ, Jim O'Rourke WG1L, John Coombs WQ1L
and Al Drollett Jr. W1SM**

2nd Row L to R.

**Gary Davis SWL, Roy Logan KB1CYV, Paul Moss KB1MTW
and Bill Hayden N1FRE**

Front Row L. to R.

**Ron Stundze KB1OEQ, Bruce Hayden NI1X, Mark Loring KC1ML,
Gary Cumiskey W1GRC and Jeff Lehmann N1ZZN**

A SPECIAL EVENT LIKE PLIMOTH PLANTATION DOES NOT HAPPEN WITHOUT A LOT OF VOLUNTEER WORK BEHIND THE SCENE

For starters, **Bill Hayden N1FRE** was in contact with the staff at Plimoth Plantation to secure permission to hold this Special Event. Prior to the Special Event also comes the posting of the Special Event announcement on the Amateur Radio Relay League's (ARRL) Special Event Web page. The Special Event notice, shown here, was published in the December issue of QST magazine that has both national and international distribution. **Bill N1FRE** had posted the request months in advance of the Special Event.

Nov 24-Nov 25, 1400Z-2000Z, Plymouth, MA. Whitman Amateur Radio Club, WA1NPO. The first Pilgrim landing at Plymouth Massachusetts. 18.140 14.280 7.250 3.890. Certificate. Whitman ARC, PO Box 48, Whitman, MA 02382.

Then came the antenna crew. With three different building locations involved, it was decided, once again, to install the three HF antennas and two VHF antennas on the Friday before the Special Event weekend. The weather was clear but cold and the antenna project took two hours.



**John Coombs WQ1L &
Dan Chase KB1PFU**



**Paul Burbine N1VTI
John Chase KB1ODS**

The participation was terrific with 26 Whitman club members and 5 area HAMs able to make it to the Plimoth Plantation over the weekend of November 23rd, 24th and 25th. The Whitman club members included the following:

KB1KVL	Ken Kavaljian	KB1ODU	Ray Bolduc	K1REL	Bob Loring
N1PXX	Ron Smith	KB1CYV	Roy Logan	N1POO	Pete Carlson
W1GRC	Gary Cumiskey	N1VTI	Paul Burbine	W1SM	Al Drollett Jr.
N1ZZN	Jeff Lehmann	KB1PHN	John Murphy	KC1FZ	George Davis
WQ1L	John Coombs	KB1ETW	Jim Halpin	WG1L	Jim O'Rourke
KA1PJX	Don Keene	KB1PFL	Jim Madden	KB1PFU	Dan Chase
KB1ODS	John Chase	KC1ML	Mark Loring	N1IX	Bruce Hayden
KB1LXH	Don Burke	N1FRE	Bill Hayden	KB1OEQ	Ron Stundze
KB1MTW	Paul Moss	KB1OEP	Mike Supple		

Also participating was **Gary Davis SWL** who is the son of **George Davis KC1FZ**. Gary SWL lives in the State of Washington and was visiting his parents over the Thanksgiving holiday. The 5 area HAMs who were able to stop by and participate were:

Byron Piette K1YCQ of Somerset
Paul Mascott KA1MDQ of Mashpee
John Miller N1UMJ of Taunton

Bob Smith KK3P of Plympton
Mark Tomkins K1MWT of Plymouth

17-METER BASE STATION - IN THE VISITOR CENTER

Bill Hayden N1FRE volunteered to set up his ICOM IC-756 transceiver as the 17-Meter Base Station at the Visitors Center. It was connected to the club's Cushcraft R-6 vertical antenna. **Paul Moss KB1MTW** set up **Walter Dolson's K1BZD** 2-Meter rig as a Base Station to monitor the Whitman and Bridgewater REPEATERS.



John Miller N1UMJ
at the 17-Meter Base Station



Paul Moss KB1MTW
Bill Hayden N1FRE

At the Visitors Center, the public got to see amateur radio in action as the crew made contacts with Spain, Portugal and Belgium to the East, Louisiana and Mississippi to the South and Texas and Idaho to the West.

QSL cards were on display and handouts were available explaining amateur radio to those who were interested.

RADIOGRAM messages were gathered and sent, free of charge, from the visitors at the Plimoth Plantation, via amateur radio, to their friends and family all across the country. The crew had the opportunity to explain how HAMs practice sending routine messages and how they can change to handling emergency or priority messages in times of emergency.

<<< Paul Moss KB1MTW & John Murphy KB1PHN



40-METER BASE STATION IN THE HORNBLOWER HOUSE

Roy Logan KB1CYV volunteered to set up his ICOM IC-735 transceiver as the 40-Meter Base Station and connected it to **Bill's N1FRE** all band off center fed Windom dipole antenna strung high in the trees.

Roy KB1CYV also set up his Alinco DR-605 transceiver as a 2-Meter Base Station and used his home made dual-band vertical suspended on the porch of the Hornblower house after **The Bruce's N1IX** Diamond-50 vertical antenna, suspended by a rope high over a tree branch, failed to perform well.



Roy Logan KB1CYV logs
for Pete Carlson N1POO

40-METER BASE STATION IN THE HORNBLOWER HOUSE Cont:



Jim Madden KB1PFL



Gary Cumiskey W1GRC logging
for Bruce Hayden NI1X



Guest Operator Paul Mascott KA1MDQ
and wife Jennifer SWL of Mashpee

Both **The Bruce NI1X** and guest Operator **Paul Mascott KA1MDQ** experienced a 40-Meter pileup on Saturday morning that lasted from 10 a.m. until 2 p.m. It is interesting to note that all 40-Meter contacts were made with stations within a 500 mile radius of Plymouth, MA.

The crew was also monitoring the Bridgewater REPEATER and made contact with area HAMs **Greg Glynn W1VFB** of Taunton, **Kevin O'Donnell K1KOD** of Duxbury, **Jim Wolf N1JCW** of Hanson and **David Laustsen W3LAW** visiting from Penn.

20-METER BASE STATION AT THE ADMINISTRATION BUILDING



Jeff Lehmann N1ZZN with
Paul Burbine N1VTI

Jeff Lehmann N1ZZN volunteered to set up a 20-Meter Base Station using his Kenwood TS-530 transceiver and **The Bruce's NI1X** G5RV dipole antenna. **Jeff N1ZZN** was using his portable computer and a computer logging program and was promoting the use of computer logging at all Special Events

Contacts were made as far south as Florida and as far West as South Dakota. The 20-Meter Base Station made the most contacts. All contacts were made within a 1200 mile radius of Plymouth, MA.

The crew was heard explaining that the Mayflower II is actually located 3 miles from the Plimoth Plantation on the Plymouth waterfront. The Mayflower II is a re-creation of a late 16th century English merchant ship of the same size as the original Mayflower.

20-METER BASE STATION AT THE ADMINISTRATION BUILDING Cont:



**Jeff Lehmann N1ZZN logging
for Mark Loring KC1ML**



**Jeff Lehmann N1ZZN &
Bob Loring K1REL**

Morse Code is alive and well. As you can see **Mark Loring KC1ML** and **Bob Loring K1REL** tried their hand at making CW contacts at the 20-Meter Base Station.

WHITMAN AMATEUR RADIO CLUB 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. The Echolink node is **KB1ODU**.

Roy Logan KB1CYV was Net Control for the Sunday morning November 25th **WARPSN** Net and operated from the Plimoth Plantation Club Station. Whitman Club members who were not able to make it to the Plimoth Plantation but who were able to log in with **WA1NPO** over the two day Special Event via 2-Meters were **Gil Follett W1GMF**, **Steve Rudin W1WSN**, **Matt Paine KB1OSV**, **Ed Meehan N1NTZ** and **Loren Pimentel N1IQI**.

As part of our training, we encourage everyone to practice sending routine RADIOGRAM messages. In November we had 4 sessions with an average of 13 area HAMS checking in each week. A total of 19 messages were sent which included 11 messages sent from the visitors at the Plimoth Plantation to family and friends in California, Florida, Massachusetts, Missouri, and Pennsylvania.



**Roy Logan KB1CYV
WARPSN NET Control**

As a follow-up, **Bill Hayden N1FRE** submitted a newspaper article, to promote amateur radio, the Whitman Amateur Radio Club and Plimoth Plantation, that was published in the Whitman Times.

Finally, **The Bruce N1IX** volunteered to be the QSL manager. This involves printing up all the Special Event Certificates and mailing out a Special Event package that consists of a Special Event Certificate and QSL card that confirms the time and date of the contact, a Whitman Club Plimoth Plantation 2007 Special Issue newsletter and a handout from the Plimoth Plantation describing the living museum. A total of 38 QSL card requests had been received in the first two weeks.

THE ECHOLINK BASE STATION - PROMOTING INTERNATIONAL GOOD WILL

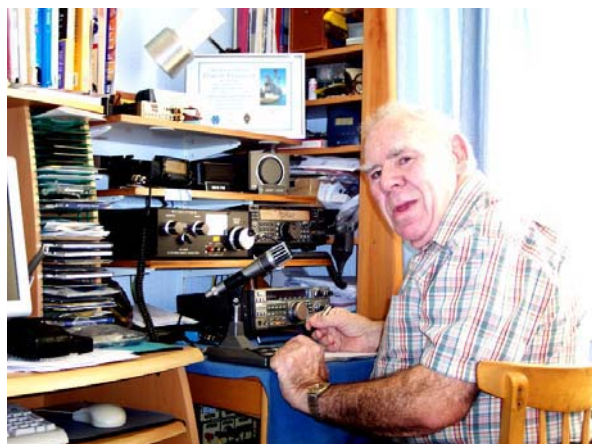
LINKING PLYMOUTH, MASS. WITH PLYMOUTH, ENGLAND.



Ray Bolduc KB1ODU has been developing a system that will link Echolink with the Whitman REPEATER from his home in Abington. **Ray KB1ODU** volunteered to set up a laptop computer and run Echolink from the Plimoth Plantation during the Plimoth Plantation Special Event. This was a first and our goal was to link up Plymouth, Massachusetts with Plymouth, England.

Using the Echolink Base Station, **The Bruce NI1X** accessed a Plymouth, England 70cm REPEATER and while talking with **Dave M0TAZ**, who was mobile outside of London, put out several calls for any HAM who could link up Plymouth Massachusetts with Plymouth, England. **Laurie Hummerstone M0VRT** of Plymouth, England happened to come on the air, mobile, and answered that call. As the say - the rest is history.

Laurie M0VRT soon arrived home and made contact via Echolink direct with Plimoth Plantation where he talked with **The Bruce NI1X**, **Ray KB1ODU** and **Ron N1PXX** who happened to be monitoring from home.



Laurie Hummerstone M0VRT lives in Plymouth, England with his wife **Pam M3KYD** and as you can see already has his Plimoth Plantation Special Event Certificate framed and on a shelf in his shack. He is a member of the Plymouth (England) Amateur Radio Club and you can view their Web site at: www.parc.org.uk

Laurie Hummerstone M0VRT in Plymouth, England

Thanks to **Ray KB1ODU** and his Echolink Station, **Mike Marinucci N1FRV** and **Steve Rudin W1WSN** were able to check in from Florida. We also made Echolink contact with **Mike Tunney M0TOA** from Taunton, England who has been a regular on the Bridgewater Echolink connection.

Ray KB1ODU is shown explaining his Echolink operation to some of **Ken's KB1KVL** guests. Seen seated L. to R. are **Ron Smith N1PXX** and **Ray Bolduc KB1ODU** at the Echolink computer terminal. Standing L. to R. are **Ken's KB1KVL** invited guests **Jennifer Mascott SWL**, **Mark Tomkins K1MWT**, **Paul Mascott KA1MDQ** and **Ken Kavaljian KB1KVL**.



Ray Bolduc KB1ODU demonstrating his Echolink Station

Now that we have made contact with **Laurie M0VRT** and through him the members of the Plymouth (England) Amateur Radio Club, we can start to plan for next years Special Event that I am sure will include many more contacts between Plymouth, Massachusetts and Plymouth, England.

PROMOTING INTERNATIONAL GOOD WILL

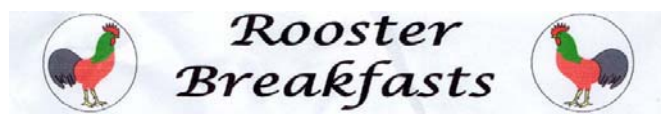
LINKING PLYMOUTH, MASS. WITH PLYMOUTH, ENGLAND.

Laurie Hammerstone MØVRT reports that the postcard picture is of the famous Eddystone Lighthouse on Plymouth Hoe (a large grassy promenade overlooking Plymouth sound.) This is where the Plymouth (England) Amateur Radio Club operates "Lighthouse On The Air" from.



Best wishes Maribel & Bob G7NMB
Laurie MØVRT Jack G3HEL.
Best wishes Joe & Molly. M3TBQ
Sheila M3YSH
Zorah G7CUL.
JESS G7PHH
Chris M5CJW. JOHN 2EØPSV
Peter MØBLO. Pam M3KYD
John MØDTS. FRANK 2EØAZD

THE "ROOSTERS"
OF
G3PRC AND G8PRC



Laurie MØVRT reports that the Rooster breakfasts are held monthly on the first Saturday of the month in and around the Plymouth area. All are welcome and **Laurie MØVRT** invites us to stop by if and when we are traveling in England.

Why Roosters ?? **Laurie MØVRT** reports that while **George K4DSB** and his wife **Patti** were spending an extended holiday in England, **George K4DSB** use to take part in a travel to work NET and christened us "Roosters" because he said "You get up early and crow" So "Roosters" they have been ever since.

by WAINPO PLIMOTH PLANTATION
SPECIAL EVENT STATION
**Season's Greetings
and best wishes
for the New Year**
CONFIRMING OUR QSO ON 25/11/07
1430HRS GMT VIA G3BIE REPEATER PLYMOUTH
AND ECHOLINKI R.S.T. 5.9
OPERATOR Laurie Hammerstone MØVRT

As you can see - the Roosters attending the December breakfast signed the post card after hearing **Laurie MØVRT** report on his contact with Plimoth Plantation.



A DAY AT PLIMOTH PLANTATION By: Don Burke KB1LXH

Don Burke KB1LXH and his two harmonics, **Noah** and **Riley**, made their annual trip to Plimoth Plantation where **Don KB1LXH** made his one contact a day with **N3VMD Todd** in Maryland.

Then **Noah** and **Riley**, with **The Bruce NI1X** as the Control Operator, talked with **Jeff Lehmann N1ZZN** on 20-Meters while we checked out the rig. Soon the Special Event Radio Operators were explaining the Living Museum to HAM operators who made contact with the Plimoth Plantation Special Event Station.



Don Burke KB1LXH



The Bruce NI1X & Noah Burke SWL



The Bruce NI1X & Riley Burke SWL

The following article is by Don KB1LXH

It was early afternoon on a brisk fall day at Plymouth Plantation when **Don Burke KB1LXH** and his sons **Noah** 9, and **Riley** 5 left the Hornblower House to travel back in time to 1627 Plimoth Plantation. Before we arrived at the English Village we toured the Craft Center and gift shop and then we began our self guided tour by entering the Western Gate of the 1627 English Village. The boys had to explore the large fort with the cannons upstairs. From here we can see some of outer Plymouth Harbor and parts of Otter River.

Our second stop was the home of Susana Winslow. She was sitting by her hearth engaged in a conversation with visitors. The two room dirt floored house slept 7. We heard her speak about the Pilgrim Bay Company who paid for the settlers to come to "this place". Each of the 150 Villagers agreed to come for 7 years. As of today, Pilgrim Bay Company shows no interest in coming back here so those who remain in the village are trying to buy the Pilgrim Bay Company. It takes thousands of dollars to buy a ship with 7 months of supplies.

Ms. Winslow's neighbor Emily was neatening her house when we arrived. She told us about the usefulness of local birds. A swan's feathers were most desired to be used as mattresses, as are the other water fowl, ducks and the like. The black and white birds that are found down by the ocean are not useful at all, they smell horridly bad! (Seagulls I'm betting)

A DAY AT PLIMOTH PLANTATION By: Don Burke KB1LXH Cont:

We left Emily's home and wandered down the road where a gentleman came up to me and told me about **Tisquantum (Squanto)**. He must have read my cap. He was very thoughtful and sympathetic toward Tisquantum. It seems that **Tisquantum**, a "good man", had died only a year ago; "he began to bleed from the nose and just fell to the ground."

However the name **Squanto** doesn't get the same reaction by every villager. One man **Mr. Hopkins**, spoke to me bluntly and asked why would I want his name on my cap, "I never liked him". Four years earlier a skirmish broke out between the Wampanoag's and the settlers. Two Wampanoag died. **Mr. Hopkins** and his wife **Elizabeth** told us about the villagers receiving an arrow wrapped in snakeskin. **Squanto** told them it was a declaration of war. So afterward the Pilgrims responded with a "bag of black power and shot". They also built the outer fence. There has been no trouble since.

But **Noah** and **Riley** wanted something more; our exploration led us to a man leaning on a fence post near his garden. **Johnson Brewster** was just ending his conversation about how a man "does please his wife when he is dressed in his suit and armor and parades around with other men." The ladies he was speaking to agreed. As they left the guest thanked him by saying "Thank you Sir" **Mr. Brewster** told them that they paid him a higher complement than he deserved. He explained what he meant by this; when two close friends are talking they will use their Christian name like "**Johnson**" with each other. However a man is often called "Mister" with his surname, in general conversation. A man who is married and is seen as being good to his wife is often called "Goodman" or "The Good - Man".



**Riley & Noah meet
Pilgrim Johnson Brewster**

The Good Man **Brewster** also explained how when two men greet each other they would remove their hats, and bow. A man of higher regard in the community would place his hat back on his head first; where the lesser would wait to cover his head.



We left the 1627 village and came back to 2007 to view the Otter River. A short walk leads us up a boardwalk to a sign about the Wampanoag's Homesite. "A single family home of the Hobbamock, a councilman to Ousamequin known as **Massasoit**, a sachem or leader." It is important to note that unlike the 1627 village, there are no characters here. "The People" wear traditional clothing from 1600 made from deerskins and speak in modern English.

We arrived at the homesite to find native people burning out a canoe, being very careful not to burn a hole through the log. It takes about 5 Days to make a boat, if you burn for 24 hours a day.

Close by are two Wetus or house of three fires. We went inside to warm by the fire, sit on deerskin beds and listen to native people tell us about the Wetus. These homes are made from cedar wood and can be as warm as 90°F in winter with little to no smoke. It is common to have three generations living in one Wetus.

Making a Canoe

73 From: Don KB1LXH

Pg. 10

Whitman Amateur Radio Club spreads the word

The Whitman Amateur Radio Club carried on the 27-year tradition of transmitting goodwill over the airways from Plimoth Plantation the Saturday and Sunday following Thanksgiving.

Paul Burbine N1VTI, president of the Whitman Club, reported that 31 area amateur radio operators - "HAMs" - set up five portable conventional ham radio stations and antennas including an internet-linked radio station named "Echo Link" at the re-creation of the 17th century Pilgrim settlement and Wompanoag Indian home site. They exchanged contacts with 171 other amateur radio operators in 37 states, 6 foreign countries and 12 Canadian provinces.

The ham operators told the story of Plimoth Plantation over

the airways, explaining about the living museum and how visitors, especially children, were amazed by the actors who, dressed as Pilgrims, were trained to speak in the dialect of the time. They did not acknowledge the existence of any of our modern technical wonders, not even clocks, as they did not exist. The actors more appropriately explained the harsh reality of early Pilgrim life at Plimoth in the New World.

Prior to the event, notice of this year's program was published in the American Radio Relay League's ARRL monthly magazine, which has both national and international distribution. The radio crew found amateur radio operators from all over the world anxious to make contact with Plimoth Plantation.

Of special interest was the half-hour long radio exchange made via Echolink by Bruce Hayden N1IX, Ray Bolduc KB1ODU and Ron Smith N1PXX with Laurie Hummerstone M0VRT of the Plymouth Radio Club in

Plymouth England.

Each amateur who contacts the club station, WA1NPO, is entitled to receive a certificate, suitable for framing, which includes a picture of Mayflower II and confirms the date and time of the contact. Shortwave listeners also are eligible for the certificate by contacting the club by mail.

Along with listening to any of the conventional voice stations, children visiting the plantation and stopping by the display were encouraged to send their name in Morse Code with a practice oscillator available. The adults could send radiogram messages free of charge to friends and relatives via amateur radio.

Club members explained that during special events, like this one, amateur radio operators practice sending these routine messages, via radio, to amateur radio operators in local neighborhoods. They, in turn, deliver each message by telephone free of charge.

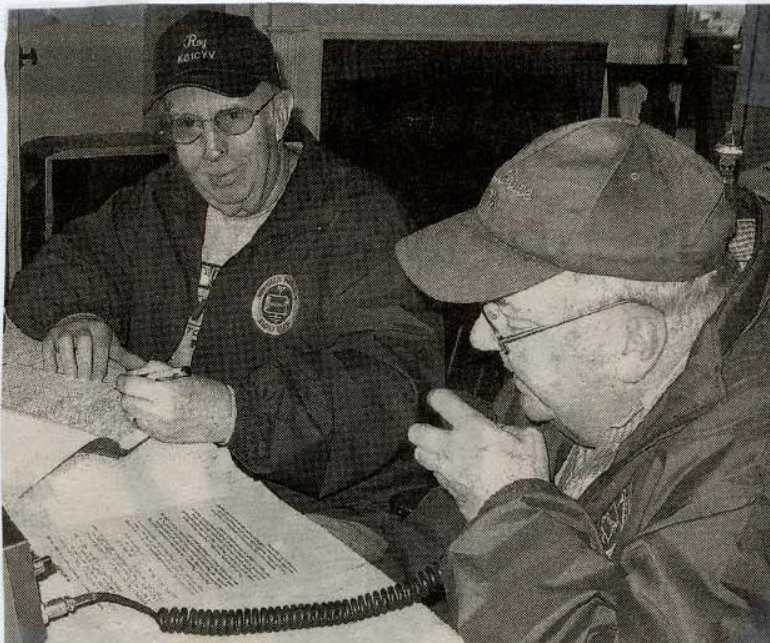
Club members also explain

how these routine messages quickly could change to priority or emergency messages in times of national emergencies.

The licensed operators who were able to participate in this year's special event were: Ken Kavaljian KB1KVL, Ray Bolduc KB1ODU, of Abington; Bob Loring K1REL of Brockton; Ron Smith N1PXX of Bryantville; Roy Logan KB1CYV, Pete Carlson N1POO, and Gary Cumiskey W1GRC of Bridgewater; Paul Burbine N1VTI of East Bridgewater; Al Drollett Jr. W1SM of Carver; Jeff Lehmann N1ZZN and John Murphy KB1PHN of Hanson; George Davis KC1FZ of Hingham; John Coombs WQ1L of Marshfield; Paul Mascott KB1MDQ of Mashpee; Jim O'Rourke WG1L, Jim Halpin KB1ETW and Don Keene KA1PJX of No. Weymouth; Jim Madden KB1PFL, Dan Chase KB1PFU and John Chase KB1ODS of Pembroke; Mark Loring KC1ML and Mark

Tomkins K1MWT of Plymouth; Bob Smith KK3P of Plympton; Bruce Hayden N1IX of Raynham; Byron Piette K1YCO of Sommerset; John Miller

N1UMJ, Don Burke KB1LXH of Taunton; Bill Hayden N1FRE; Ron Stundtze KB1OEQ, Paul Moss KB1MTW, and Mike Supple KB1OEP of Whitman.



Roy Logan KB1CYV & Bruce Hayden N1IX



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, Jan. 2nd at 6:30 p.m.
Whitman Public Library

CLUB OFFICERS

President	Paul	N1VTI
V. President	Ron	N1PXX
Secretary	Jeff	N1ZZN
Treasurer	Jeff	N1SOM
Director	Mike	KB1OEP
Director	Ken	KB1KVL
Director	Paul	KB1MTW
Director	Bruce	N1IX

Editor	Bruce	N1IX
--------	-------	------

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

