



The Whitman Amateur Radio Club, Inc.

November 2005

SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **The Bruce N1IX** - All systems are go for the Special Event Station and Amateur Radio Message Center to be set up at the Plimoth Plantation on the weekend following Thanksgiving. This will be the first chance for the club members to be seen wearing their new Whitman Club Jackets. The event will start with an antenna party on Friday Nov. 25 between 10 am and noon at the Plimoth Plantation and follow up with actual operations on Saturday and Sunday Nov 26th and 27th between 9 a.m. and 3 p.m.

Bill Hayden N1FRE finished teaching the Technician Classes in Whitman and 5 of his students received their Technician Class license. **Carlos WP4US** was asked to help locate and pass a Health and Welfare message to a couple from Taunton who were in the hurricane effected area of Mexico. The couple was located in a school shelter in the Cancun area of Mexico by going through a Spanish NET via Echolink. The Club has been given a 440 MHz REPEATER by **Paul Swartz N1FWD** and **Jeff Lehmann N1ZZN** will give us an update on the further development of this project at the next meeting. The Fox Hunters have been active as usual along with the Skywarn Observers. Come to the next club meeting and share your radioactive activities with the other members.

NEW MEMBER: Bob Barbour K1BAR lives in Taunton with his wife **Rose**. They have two sons, **Eric** who lives in Connecticut and **Tim** who lives in California and has a Technician Class License. **Bob K1BAR** has been a Taunton Emergency Management Agency - TEMA volunteer as part of the Pilgrim Nuclear Plant evacuation plan for some time. **Bob K1BAR** is a volunteer with the Red Cross and has experience as a shelter manager.



Bob Barbour K1BAR

Bob K1BAR has been participating in RADIOGRAM training and recently participated as a Net Control Operator at the Taunton Emergency Operations Center during the Taunton Disaster Relief Operation concerning the dam incident. The next project is to establish Echolink contact with his son in California.

REINSTATED FORMER MEMBER: The last we heard, **Rick Hall N1MJT** had moved to Pembroke with his wife Maria and his two children **Nick** and **Ashley** and got so involved with houses, family and career development that he misplaced the free standing 75 foot tower that had been erected at his old QTH. He must have been really busy.



Rick Hall N1MJT

Fast forward to the November meeting and **Rick N1MJT**, who works in electronics, reports that his two young adult children are now away at college and that he would like to get more involved in HAM radio. He also reported that he found out that his brother took the tower down and disposed of it – now you know the rest of the story.

SECRETARY'S NOTES OF THE MEETING OF November 2, 2005 de KB1CYV

OPENING: The members started gathering at the Whitman Public Library, Whitman, MA around 6:15 pm. **President Bruce NI1X** opened the meeting with a roll call at 6:45 pm.

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

NI1X	Bruce Hayden	N1ZZN	Jeff Lehmann	KB1CYV	Roy Logan
N1PXX	Ron Smith	K1MRH	Barbara Rice	K1MRG	Mike Canney
W1SM	Al Drollett Jr.	WG1L	Jim O'Rourke	KB1ETW	Jim Halpin
KA1PJX	Don Keene	WQ1L	John Coombs	KB1LXH	Don Burke
KB1MJL	Al Marshall	K1BAR	Bob Barbour	KB1KFF	Jim Kenworthy
N1VTI	Paul Burbine	N1SOM	Jeff Tracy	N1NTZ	Ed Meehan
N1MJT	Rick Hall	N1OGP	Frank Hayes	WP4US	Carlos Wharton

TREASURER'S REPORT: The treasurer's report for October was read by **Jeff N1SOM**. **Jeff N1ZZN** made a motion, seconded by **Paul N1VTI**, that the treasurer's report be accepted as read. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Jim KB1KFF**, seconded by **Ron N1PXX**, that the secretary's report be accepted as published in the October Newsletter. The motion was approved.

OLD BUSINESS: **Bruce NI1X** reported that **Bill N1FRE** was conducting the last session of the Technician License Class with examinations scheduled for November 9th. **Bruce NI1X** needs an antenna crew at Plimoth Plantation on Friday, November 25. Plan to meet in the parking lot at 10:00 am. if you can assist. We will be conducting our special event, after a hiatus last year, on Saturday and Sunday, November 26-27. All are welcome to come and make contacts on the HF bands.

NEW BUSINESS: **Bruce NI1X** discussed the 440 MHz repeater donated to the WARC by **Paul Swartz N1FWD**. **Bruce NI1X** made a motion, seconded by **Ron N1PXX**, allocating \$800.00 for the purchase of controller components as recommended by **Jeff N1ZZN**. The motion was approved. It was agreed that the rig would be set up at **Jeff's N1ZZN** QTH while under development. **Jim KB1KFF** announced that the GARS of Plymouth would be holding a breakfast at Bickford's in Kingston (Rtes 3 and 3A) at 9:00 am on November 19. All HAMS are welcome to attend. **Bruce NI1X** made a motion, seconded by **Frank N1OGP**, that a one-year dues-free membership be offered to those receiving their Technician tickets as a result of participating in **Bill's N1FRE** classes. The motion was approved.

CLUB ANTENNA ANALYZER LOCATION: **Jim KB1KFF** – Wanted next by Plimoth Plantation antenna party.

NEW MEMBERS: **Bruce NI1X** made a motion, seconded by **Jeff N1SOM**, that **Bob Barbour K1BAR** be accepted as a new member. **Bruce NI1X** also made a motion, seconded by **Jim WG1L**, that **Rick Hall N1MJT** be accepted as a reinstated former member. Both motions were approved and the WARC extends a warm welcome to both.

TECHNICAL TOPICS: **Jim O'Rourke WG1L** brought in a custom made trailer hitch antenna mount for Show and Tell.

**NET CONTROLS: 11/6 Bruce N1IX 11/13 Roy KB1CYV 11/20 Bill N1FRE
11/27 Plimoth Plantation Special Event**

ADJOURNMENT: A motion to close was made by **Roy KB1CYV**, seconded by **Mike K1MRG**, and **President Bruce N1IX** closed the business portion of the meeting at 7:17 pm. The meeting was then turned over to **Carlos Wharton WP4US** for a technical presentation that lasted until 8 pm.

TECHNICAL TOPICS: **Carlos WP4US**, assisted by **Don KB1LXH**, gave an informative presentation on programming your radio from computer software. One of the benefits is the ease in programming your mobile rig for trips outside the area.

WHITMAN AMATEUR RADIO PUBLIC SERVICE NET (WARPSN) - TRAFFIC REPORT

The **WARPSN** NET meets every Sunday morning at 8:30 am 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. In October, we had five (5) sessions with an average of 9 area HAMS checking in each week and 9 messages were sent.

TECHNICIAN CLASSES IN WHITMAN A GREAT SUCCESS

Bill Hayden N1FRE was pleased to report that 5 of his students passed their Technician Class license at the V-E session held on November 9th in Whitman.

Shown L. to R. are **Ericka LaFlamme**, **Catherine Costello**, **Bob Schmitt** – the Director of the Whitman Emergency Management Agency, **Bill Hayden N1FRE** the teacher, **Mat O'Malley** and **Paul Moss**.



The classes were sponsored by the Whitman Emergency Management Agency. All five graduates are active members of the Whitman Community Emergency Response Team (CERT). These additional FCC licensed radio operators give the Whitman community yet another valuable resource.

**The proud graduates
with their teacher Bill Hayden N1FRE**

Another Ham License class is anticipated for the spring of 2006. **Bob Schmitt**, WEMA Director, is looking for additional volunteers from town to participate in the next Community Emergency Response Team (CERT) 8 week training class which is offered free of charge. Anyone interested should call 781-447-7682, for an application and further information.

SCUTTLEBUTT: **Paul Burbine N1VTI** is repairing his Cushcraft R-5 Vertical antenna that was hit by lightning. He has finally located the detailed repair information for the black box on the web – google search **ei7ba** and on page 1 you will find Amateur Radio Projects – Cushcraft R-5 Vertical maintenance and repair.

TECHNICAL TOPICS

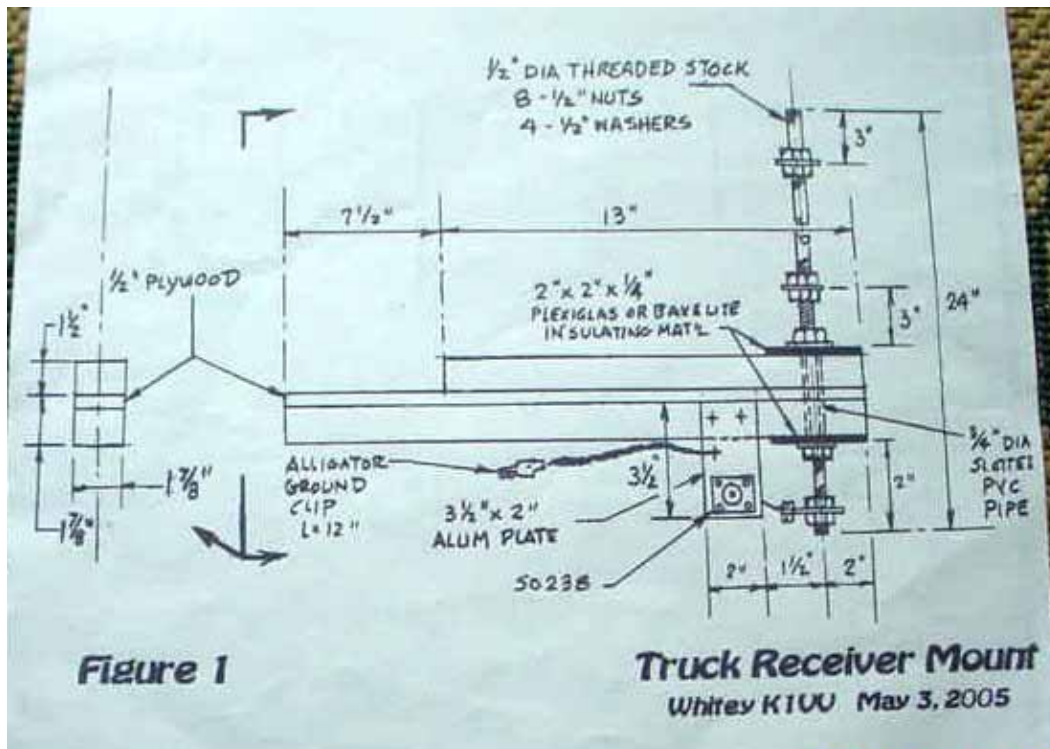
MOBILE ANTENNA MOUNT by: Jim O'Rourke WG1L

At the November meeting, **Jim O'Rourke WG1L** brought in an antenna mount - modeled after the one made by **Whitey Doherty K1VV** and used by **Whitey K1VV** and **Don Tanguay N1DT** during recent portable HF operations they have set up in several Lighthouse parking lots to put local Lighthouses On The Air. Older model antenna mounts involved ground mounted platforms that they drove a truck wheel on to hold in place. This improved model made for a great Show and Tell project.



Jim O'Rourke WG1L

Jim WG1L pointed out several special features like the fact that the electrical parts are isolated away from the wood mounting frame by pvc pipe and plexiglass material. A ground strap is connected to the truck bumper and a whip antenna with a 40-meter loading coil is attached to the top of 15 feet of electrical conduit. A small jumper at the top is used to adjust the SWR between the CW and SSB portion of the band. For further information, contact **Jim WG1L** at wg1l2001@yahoo.com



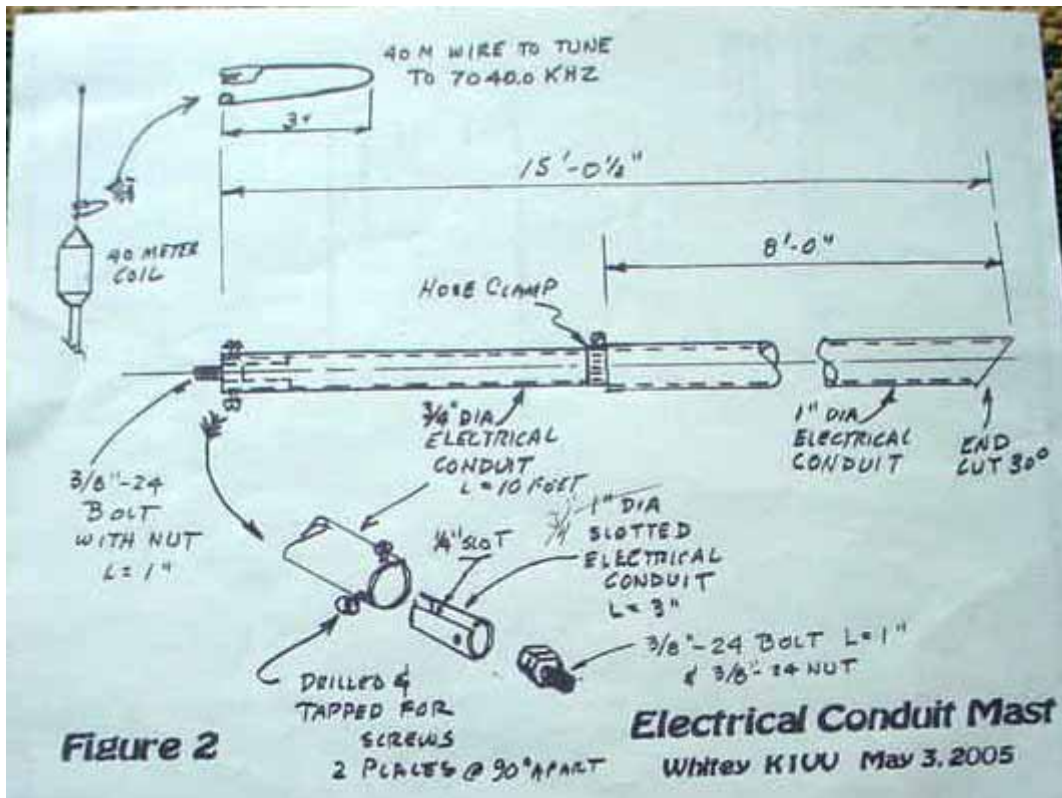


Figure 2

GIVING CREDIT WHERE CREDIT IS DUE - LIGHTHOUSES ON THE AIR



Whitey K1VV



Don N1DT



Whitey Doherty K1VV and **Don Tanguay N1DT** have been putting Lighthouses On The Air with their portable HF and VHF / UHF capabilities and are shown operating from the Civil War Fort Revere in Hull, MA. overlooking the Boston Harbor Lighthouse and Graves Light as members of the Amateur Radio Lighthouse Society (ARLHS).

Whitey K1VV usually operates SSB on the hour and **Don N1DT** operates CW on the half hour. They also have a PACKET station in the truck and spot themselves on the DX packet cluster.



Their contacts get a custom made QSL card showing the lighthouse. Good fun from some beautiful locations. Some of the other Lighthouses they have activated include Palmer Light (ARLHS #578), New Bedford Light Ship (ARLHS #535), Bordon Flats (ARLHS #072), Dumpling Rock (ARLHS #247), Sakonnet Lighthouse (ARLHS #718) and Ida Lewis Rock Lighthouse (ARLHS #398).

TECHNICAL TOPICS

PROGRAMMING TRANSCEIVERS THE EASY WAY by: Carlos Wharton WP4US

At the November meeting **Carlos Wharton WP4US**, with support from **Don Burke KB1LXH** and **Al Drollett Jr. W1SM**, gave a talk on their experiences in inputting REPEATER data into a computer program and then downloading the information into a transceiver.

You have to remember - these experts - **Carlos WP4US**, **Don KB1LXG** and **Al W1SM** are just local boys away from home who are always ready to lend a helping hand.



November meeting presentation by Carlos WP4US

```
C:\WINDOWS\system32\cmd.exe
File Screen Clone Print Setup
KB1LXH
CS-2100 Rev.1.0 for IC-2100 series
Data: HOME.ICF /
Sun Nov-06-2005 13:29
Alt:Menu Ins:Insert CH F5:Sort
Ent:Inp/Sel Del>Delete CH F8:Copy CH
F9:Paste CH
```

MR CH	Operating Frequency	Dup	Offset Frequency	Disp Name	Tone	CICSS	Repeater Tone	Scan Skip
Call	147.1350	+DUP	0.6000	Name TAUNTO	Tone	67.0	67.0	
1	147.1350	+DUP	0.6000	Name TAUNTO	Tone	67.0	67.0	
2	147.1800	+DUP	0.6000	Name BRIDGE	Tone	67.0	67.0	
3	147.1950	+DUP	0.6000	Name ATTLEB	Tone	127.3	127.3	
4	147.2250	+DUP	0.6000	Name WHITMA	Tone	67.0	67.0	
5	147.3750	+DUP	0.6000	Name FOXBOR	Tone	67.0	67.0	
6	146.8650	-DUP	0.6000	Name SHARON	Tone	103.5	103.5	
7	146.7750	-DUP	0.6000	Name STOUGH	Tone	156.7	156.7	
8	145.4900	-DUP	0.6000	Name FAIRHA	Tone	67.0	67.0	
9	145.1500	-DUP	0.6000	Name FALRIU	Tone	123.0	123.0	
10	146.8050	-DUP	0.6000	Name FALRI2	Tone	167.9	167.9	

As you can see by the computer screen, for each memory position, you enter the REPEATER frequency, offset +/-, offset frequency, REPEATER name, and tones. Because of all the work involved in the initial setup of area REPEATER information into the computer program, **Jeff Lehmann N1ZZN** volunteered to post the final product, as supplied by club members, on the Club Web page by radio make and model – ready for other area HAMs to use.

If there was a method to my madness, it showed up at the end of the presentation when **Al Drollett Jr. W1SM** programmed my YAESU FT-7X with all the local REPEATER and simplex frequencies. That sure is “programming the easy way”.

CLUB JACKETS: **Jeff Tracy N1SOM** has the club jackets and will bring them to the Plimoth Plantation Special Event. If you want to pick up your jacket at **Jeff’s N1SOM** house – 720 Hancock Street, Abington – please call **Jeff N1SOM** at 781-871-4387 to make arrangements to meet up with him after work or on weekends.

RADIOGRAM TRAINING - FIRST MONDAY OF THE MONTH

Participating in the RADIOGRAM training at the Taunton Emergency Operations Center on the first Monday of November and shown just after the training session were L. to R. **George Pereira KB1KZV**, **Bob Barbour K1BAR** – the Net Control for the night, **Neil Harrington KB1LXL**, **Carlos Wharton WP4US**, **Peter Ferreira KB1LXG** – the Assistant Director of the Taunton Emergency Management Agency **Bruce Hayden NI1X** (are you seeing double) and **Don Burke KB1LXH**



Taunton RADIOGRAM Training Crew

The Taunton Ham volunteers meet once a month for RADIOGRAM training and this training really paid off during the support of the Red Cross Shelter manager in Taunton last month. The Taunton registered HAM volunteers are designated as Radio Amateur Civil Emergency Service (RACES) operators for the City of Taunton Emergency Management Agency.

Listen in on the first Monday of the month, on the Taunton REPEATER frequency of 147.135 MHz PL 67 at 7:30 p.m. or on the Norwell REPEATER 145.250 pl 77 at 8:00 p.m. and try your hand at copying the four messages. The messages are going to the local City and Town Emergency Management Agency Directors and are in the standard ARRL National Traffic System (NTS) format.

FOX HUNT EVERY SATURDAY 10 A.M. TO NOON

Shown socializing after a recent Fox Hunt are **George Davis KC1FZ**, **Roy Logan KB1CYV** and **Bruce Hayden NI1X** along with club member **Mike Marinucci N1FRV** and his wife **Jennifer** who were visiting from Florida and took the opportunity to take part in a Fox Hunt. I suspect that if it weren't for **Jennifer**, **Mike N1FRV** would still be looking for the Fox. Hi Hi.



The Fox Hunters

The Fox transmits on 146.565 MHz for 30 seconds every 5 minutes between 10 a.m. and noon every Saturday morning. A good place to start hunting would be Fox Cove – Is that a hint or what ?

The Fox Hunters coordinate the start of the hunt on the Bridgewater REPEATER 147.180 MHz. Listen in from your home QTH, or mobile if you are on the road, and let the Fox Hunters know if you can hear the Fox in your back yard.



WHITMAN AMATEUR RADIO CLUB, INC.

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



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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. 7th at 6:30 PM
Whitman Public Library

President	Bruce	N1IX
V. President	Bill	N1FRE
Secretary	Roy	KB1CYV
Treasurer	Jeff	N1SOM
Director	Steve	W1WSN
Director	George	KC1FZ
Director	Paul	N1VTI

Editor	Bruce	N1IX
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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