



SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **Paul N1VTI** – We had another great Fox Hunt in July with 12 Whitman Club members and two guests participating. More fun - another Fox Hunt is planned for Sunday, September 14th between 2 p.m. and 4 p.m. Build a directional 2-Meter antenna and join the fun.



Paul Burbine
N1VTI

On the Public Service side of Amateur radio, **Bill Hayden N1FRE** reported on a state wide Hurricane Drill in August with several Whitman Club members participating. There was an exciting SKYWARN tornado warning issued for Bristol and Plymouth County on July 23rd during which time we had three area HAMS reporting lightning damage to their home equipment and the Whitman town hall took a direct lightning hit on the system antennas, damaging equipment. Once again **Jeff Lehmann N1ZZN** and **Phil McNamara N1XTB** were heard doing a great job running the SKYWARN NET on the Bridgewater REPEATER.

The Whitman Repeater is working great with the EchoLink and phone patch up and running at the new location. With the Quincy REPEATER out of service for a few weeks, we have heard many more area HAMS using the Whitman REPEATER and I am sure with the antenna 100 feet higher we have a lot more listeners as well. Of special interest - **Jeff Lehmann N1ZZN** called in from a job site on top of a mountain in Alton, NH. 100 miles away.

This is a busy time for the Whitman Amateur Radio Club. This month we will be staffing the Marshfield Fair Amateur Radio Exhibit Booth between August 15th thru 24th and then before you know it - it will be time for the Saftler's Labor Day weekend fund raising flea market that is scheduled for August 31st and September 1st. Your participation is greatly appreciated. Come on down and help promote amateur radio to the public.

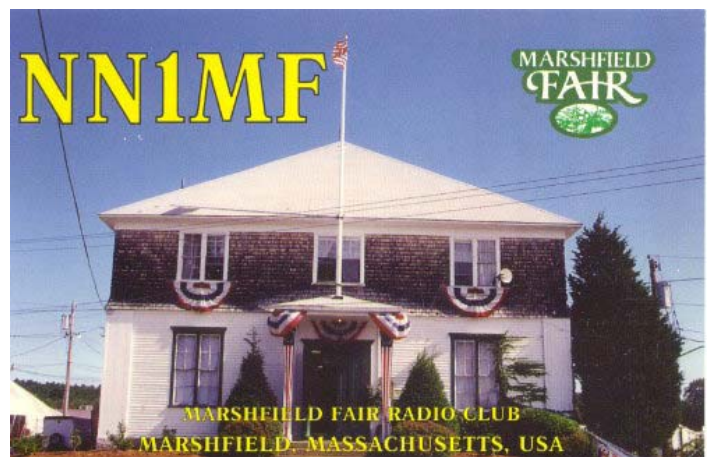
73 – From Paul N1VTI

LOG IN WITH NN1MF

We have over 90 members and I expect every one of you to make a special effort to log in with the Marshfield Fair Special Event Station **NN1MF** and qualify for a Special Event QSL Card like the one shown here.

The Special Event Operators will be monitoring the Whitman REPEATER 147.225 MHz (PL 67).

See you down the log.



SECRETARY'S NOTES OF THE MEETING OF August 6, 2008 de KB1CYV for N1ZZN

OPENING: The members started gathering at the Whitman Public Library, Whitman, MA around 6:15 p.m. President **Paul N1VTI** opened the meeting at 6:30 p.m.

ATTENDANCE: Thirty-three members and three guests were present, including three elected Officers and three Directors. A quorum was present.

N1WIG	Sam Webber	KB1CYV	Roy Logan	N1VTI	Paul Burbine
KC1ML	Mark Loring	K1MRH	Barbara Rice	N1PXX	Ron Smith
KB1NAX	Joan Smith	K1WGU	Bob Bass	WA1UMT	Dave Darois
KB1PHN	John Murphy	N1FRE	Bill Hayden	KB1KVL	Ken Kavaljian
KB1OSV	Matt Paine	K1AWB	Steve Laroe	KB1QKW	Chris Laroe
SWL	Colben Laroe Guest	SWL	Kevin Sullivan Guest	N1SOM	Jeff Tracy
W5IRW	Jim Gilbert	KB1MTW	Paul Moss	KB1ETW	Jim Halpin
KB1PFL	Jim Madden	W1GQN	Jim Havens Guest	KB1OEQ	Ron Stundze
WG1L	Jim O'Rourke	KC1FZ	George Davis	KA1PJX	Don Keene
KB1TOM	Tom Wilson	KA1EUI	Jim Tovet	N1OYH	Carl Davis
KB1ODS	John Chase	KB1PFU	Dan Chase	KB1ODU	Ray Bolduc
KB1PVC	Michael Dowd	K1REL	Bob Loring		
W1EKG	Ross Hochstrasser				

TREASURER'S REPORT: The treasurer's report for July was read by **Jeff N1SOM**. **Bill N1FRE** made a motion seconded by **Barbara K1MRH** that the treasurer's report be accepted as read. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Dave WA1UMT** seconded by **Joan KB1NAX** that the July secretary's report be accepted as published in the newsletter. The motion was approved.

HEALTH & WELFARE: **Barbara K1MRH** reported sending a get-well card to **Bruce Billings K1CWS** and a sympathy card to **Jim Halpin KB1ETW** on the passing of his wife.

OLD BUSINESS: **Jeff N1SOM** reported the Field Day results as submitted to the ARRL. **Bill N1FRE** still needs additional radio operators to fill out the Marshfield Fair exhibit staffing. Any time you can be available will help ensure the success of the Special Event. **Barbara K1MRH** discussed the recent Fox Hunt and circulated the picture of the group. The next hunt is scheduled for Sunday, September 14th from 2 - 4 p.m. in the town of East Bridgewater. Come join the fun. **Paul N1VTI** completed extensive research on available generators and based on his recommendations **Paul KB1MTW** made a motion seconded by **Jim KB1PFL** that the WARC purchase a new generator. The motion was approved.

NEW BUSINESS: Any new members desiring club nametags should contact **Jeff N1SOM**. A minimum order of 10 tags is required. Individual tags may be purchased at either of the two upcoming Hamfests. **Bill N1FRE** reported that the Fall Flea Market at Saftler's is scheduled for August 31st-September 1st. A motion was made by **John KB1PHN** seconded by **Dave WA1UMT** to allocate funds as in the spring for the various expenses. The motion was approved. **Bill N1FRE** made a motion seconded by **Bob K1REL** that the club purchase insurance for the repeater. The motion was approved. **Paul KB1MTW** circulated samples of the various wires available, as well as the hard line used for the repeater. **Paul KB1MTW** also reported that the electrical work planned for the clubhouse is still to be done. **Paul N1VTI** reported anyone with computer expertise able to assist in assessing hardware recently donated to the club should contact him directly.

CLUB ANTENNA ANALYZER LOCATION: Pine Street Clubhouse

SECRETARY'S NOTES OF THE MEETING OF August 6, 2008 Cont: de KB1CYV for N1ZZN

NET CONTROLS: 8/10 Ron N1PXX 8/17 Bill N1FRE 8/24 Jeff N1SOM 8/31 TBA

PRESENTATION: Paul N1VTI gave a demonstration of the logging program proposed for next year's Field Day. It is a very user-friendly program allowing for instant recognition of duplicate contacts.

CLOSE: President Paul N1VTI closed the business meeting at 7:28 p.m. on a motion by John KB1PHN seconded by Ken KB1KVL. The motion was approved.

WHAT MY XYL THINKS WE DID FOR OUR SUMMER VACATION By: Tom Wilson KB1TOM

We went sailing around Cape Cod Bay. I took this for an opportunity to do some Hamming, Maritime Mobile.



The first thing was to find a large tool type box to carry my shack. It turned out that Walmart had a large one on sale. Everything would fit in here. The 12-volt battery, a solar panel, a TS-50 with an LDG tuner for QRP. I was going to use my HF Balcony antenna. My plan was some evening while at anchor to setup and have some fun on ten meters. So, now my new Go-Box was safely stowed away in the boat....***never to be taken out or setup.***



Plan B was to setup the maritime mobile radio room in the cockpit. This consisted of a Yaesu VX-170 a 2-meter HT hanging from the Aft Stay and a Standard Marine rig.

No, I did not live the dream, but what I did do was go to 147.225 WA1NPO and keyed it up and had some QSOs from sea level while at anchor in Provincetown Harbor. This was no small feat for my VX-170 or the Whitman Repeater for this is some 40 miles distance....not bad for 5 watts. I also got into Plymouth without a problem. Thank you, to those who put so much effort into this now great repeater.



This is the Norwegian Dawn visiting P-town. I think I am the stand-on-vessel. OK, time to sail home and get some HF wire up and the Packet station back on line.

73 – From: Tom KB1TOM

ANOTHER GREAT FOX HUNT - JULY 27, 2008 By: The Bruce NI1X
The Fox Hunters gathered at the Fox's Den following the Fox Hunt in Hanson



Shown at the Fox's Den following the hunt are L. to R. **Mary Lou Chase SWL** (**John's KB1ODS** wife), **Mike SWL** (a Friend of **Kevin KB1MOC** and a Hanson call fireman), **Kevin Dykes KB1MOC**, **John Chase KB1ODS**, **Roy Logan KB1CYV**, **Jeff Lehmann N1ZZN**, **John Murphy KB1PHN** with **Sam Webber N1WIG** kneeling, **Ron Stundze KB1OEQ**, **Bill Hayden N1FRE**, **Barbara Rice K1MRH** (holding the fox), **Joan Smith KB1NAX**, **Ron Smith N1PXX** and **Bruce Hayden NI1X** (the Fox for the day).

The weather was overcast and the temperature 79 degrees but apparently there was no Red Sox game Sunday afternoon July 27th because 12 Whitman Club members and two guests turned out for another great Fox Hunt. The Fox was transmitting on 146.565 MHz simplex and the Fox Hunters were using the Whitman REPEATER 147.225 MHz (PL 67) for communication / coordination. The rains held off until after the Fox Hunt.

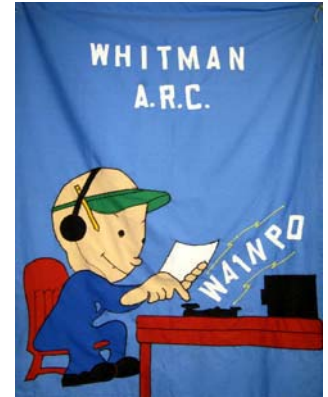
The Bruce NI1X, who was the Fox for the day, was hiding in a parking lot on conservation land on Elm Street in the south side of Hanson. The team of **Roy Logan KB1CYV**, **Barbara Rice K1MRH** and **Sam Webber N1WIG** happened to start at the north end of Elm Street at the old Elm Street Restaurant parking lot. They flew past the foxes den while the Fox was still transmitting for the first time, circled back and flew into the Fox's den in a record 1 minute overall time. They then headed out to test their equipment and determine the direction to the Fox's den from different locations. This is a good learning experience – you will find some locations give false readings due to reflections.

The rest of the crew took between 25 minutes and one hour and 10 minutes to find the Fox. Several Fox Hunters were only using signal strength and body fading techniques. **Bill N1FRE** was seen with his homemade tape measure beam antenna and **Roy KB1CYV** was demonstrating a commercial directional finding antenna / receiver system. **Carl Davis KB1OYH** heard us and stopped by the Fox's Den to say hello. As everyone was leaving the Fox's den - **The Bruce NI1X** found that he had a dead car battery (the car fan was on and the Fox transmissions were for 2 minutes every 5 minutes – probably 30 minutes total at high power). **Kevin KB1MOC** and **Mike SWL** came to the rescue and provided the jump-start.

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 July we had 4 sessions with an average of 16 area HAMs checking in each week and 8 messages were sent.

Ray Bolduc KB1ODU has set up an EchoLink connection to the Whitman REPEATER. You can join in via EchoLink by connecting to **KB1ODU-L**. We heard **Steve W1WSN** check in from Ft. Lauderdale, Florida and stations from Italy and England also checked in this month.



**Sending WA1NPO
an update**

ANTENNA PARTY By: The Bruce" NI1X

Area HAM **John Miller N1UMJ** of Taunton is headed for a radioactive vacation on Cape Cod in August and knowing his portable antenna had a high SWR, put out a call for someone with an SWR analyzer to help him tune up his vertical antenna system.

The Bruce NI1X answered the call and sure enough – **John's N1UMJ** vertical antennas needed fine-tuning. **John N1UMJ** has an 80-Meter two piece coiled stick vertical and the 10, 17, 20, 40-Meter tapped coil vertical shown in the photo. Both antennas mount on the aluminum folding base that acts as a ground plane and was made by **Greg Glynn W1VFB** of Taunton. The antenna components come apart in 3 or 4 sections for easy transportation.



John Miller N1UMJ

John N1UMJ said that he would make every effort to check in with the crew at the Marshfield Fair during his vacation week.

SCUTTLEBUTT -- SCUTTLEBUTT -- SCUTTLEBUTT

John Murphy KB1PHN reports that he is moving his radio equipment to a new shack in his garage

WHITMAN AMATEUR RADIO CLUB -- FIELD DAY STATISTICS

<u>Year</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
<u>Number of Base Stations</u>	6A	4A	5A	4A	7A	4A	6E	6A
<u>Number of contacts made</u>	690	383	325	257	259	319	424	519
<u>Number of participants</u>	20	24	22	23	22	18	26	49

SKYWARN ACTIVATION JULY 23rd - TORNADO WARNING

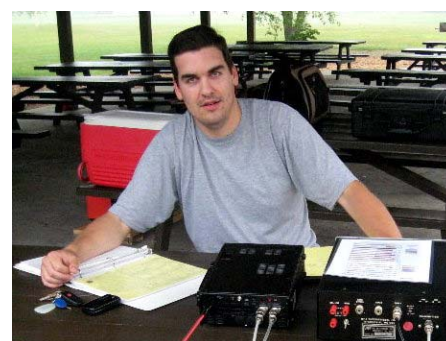
On July 23rd - A tornado was reported in Rhode Island and the storm cell headed for Taunton and Plymouth. Flash flooding and waterspouts were reported. **Dave Beauvais KB1QMX** reported a lightning strike that hit a utility pole 300 feet from his house that damaged his TV's and popped fuses. **Ron Smith N1PXX** reported that area HAMS **Kevin O'Donnell K1KOD** of Duxbury and **Mark Tomkins K1MWT** of Plymouth were affected by lightning. **Jeff Lehmann N1ZZN** and **Phil McNamara N1XTB** were heard doing a great job running the SKYWARN NET on the Bridgewater REPEATER to support area HAMS **Rob Macedo KD1CY** and **Carl Aveni N1FY** who were heard operating from the HAM desk located at the National Weather Service in Taunton. Along with a battery backup and a radio "Go Kit" - do you have disaster supply check off list for your home and family ?



CANADIAN RADIO EXPEDITION By: Matt Paine KB1OSV

To: All Amateur Radio Operators,

During my annual vacation to the Canadian Maritimes, specifically Prince Edward Island and Nova Scotia, I plan to setup and operate a portable radio station from three different locations. I will operate on 15-Meters, 17-Meters and 20-Meters during the day between 1 p.m. and 7 p.m. Atlantic Standard Time and 40-Meters after 7 p.m. Atlantic Standard Time. The list of primary and secondary frequencies for each band and location of portable operation is as follows:



15-METERS (PHONE – DAY)

21.310 MHz / USB – PRIMARY

21.400 MHz / USB – SECONDARY

20-METERS (PHONE – DAY)

14.290 MHz / USB – PRIMARY

14.330 MHz / USB – SECONDARY

Matt Paine KB1OSV

at Field Day

practice run

17-METERS (PHONE – DAY)

18.125 MHz / USB – PRIMARY

18.155 MHz / USB – SECONDARY

40-METERS (PHONE – DAY)

7,210 MHz / USB – PRIMARY

7.270 MHz / USB – SECONDARY

CAVENDISH – Prince Edward Island – August 23RD and August 24TH

SMITH COVE – Nova Scotia – August 26TH thru August 28TH

BROOKLYN – Nova Scotia (Smiley's Provincial Park) – August 29TH Thru August 31ST

I hope to see your name and call sign in my log – From: **MATT KB1OSV**

SCHEDULE OF EVENTS

MARSHFIELD FAIR SPECIAL EVENT - August 15th thru August 24th

BOXBORO – ARRL CONVENTION AND FLEA MARKET – August 22nd, 23rd and 24th

See www.boxboro.org

SAFTLER'S FLEA MARKET – August 31st and September 1st

FOX HUNT – in East Bridgewater - September 14th – 2 thru 4 p.m.

MASSACHUSETTS EXERCISE - HURRICANE "MATT" August 4th

Rob Macedo KD1CY, the Eastern Mass. Amateur Radio Emergency Service - Section Emergency Coordinator - prepared the Hurricane "MATT" Scenario / plan for this year's Hurricane Drill.

The Hurricane Drill started with a call to activate NETs on the designated SKYWARN / RACES frequencies followed by updates on the Hurricane status and then requesting weather and damage reports. The messages also asked for the status of shelter openings as well as the need for mutual aid. Unexpected incidents (Murphy's Law) were to be reported and after action reports were requested. **Rob KD1CY** was located at the National Weather Service office in Taunton, running the command NET on the EchoLink "New-Eng" conference and IRLP reflector 9123 nodes.

John Miller N1UMJ reported that the NET Control Stations operated from home and took mostly tactical reports and messages from the NETs and then sent them to MEMA Region II Headquarters located on the Bridgewater State Prison property either direct by voice or via Winlink (E-mail over packet radio). **John N1UMJ** was one of the NET Control Stations and one of the liaison stations, converting voice messages to Winlink messages. **John N1UMJ** says I'd have to say from my point of view, things went better than usual, no interference issues.

Rudy Burer KB1LXI – The Assistant Director of the Taunton Emergency Management Agency (TEMA) reported that – "In my opinion, the communications worked well. **Don Burke KB1LXH** was the 2-Meter radio NET Control Operator and **Greg Glynn W1VFB** was on Echolink. However, **Greg W1VFB** and **Don KB1LXH** had some issues regarding the format in which communications were done. It seems that at first **Don KB1LXH** was able to give tactical messages (not written down) and then in mid-stream, as the night progressed, he was asked to give messages in our formal National Traffic System (NTS) written format. All in all, both **Don KB1LXH** and **Greg W1VFB** did a great job handling the messages and the changes that occurred".

Participating at the Taunton Emergency Operations Center (EOC) and shown in the photo taken following the drill were - standing L. to R. - **Greg Glynn W1VFB**, **Barbara Foster KB1KZX**, **Rudy Burer KB1LXI** – TEMA Assist. Director, **Tony Pinheiro KB1QIN**, **Steve Foster KB1KZW**, **Don Burke KB1LXH** and **Neal Harrington KB1LXL**. Shown seated L. to R. is **Jim Tynan KC1JET** and **Carlos Wharton WP4US**.

Frank O'Laughlin WQ1O, the Cape and Island District Emergency Coordinator, reports that they were taking voice traffic and converting it to Winlink messages (using an E-mail program called Airmail) that were sent to the National Weather Service in Taunton and to MEMA Region II Headquarters in Bridgewater, MA.. The relatively new Winlink system on the Cape worked well. **Ray Bolduc KB1ODU** reported that he participated for the Town of Weymouth from his home.



John Miller N1UMJ
at home



Taunton RACES Volunteers

HURRICANE MATT <> STATE WIDE <> DRILL AUGUST 4, 2008 By: Bill Hayden N1FRE

The Whitman Emergency Management Agency (WEMA) Emergency Operations Center (EOC) was opened up at 18:30 hours and the participants assembled at 18:45 hours to receive assignments and necessary equipment from Director **Bob Schmitt KB1MTY**. The WEMA CERT Re-Hab / Communications mobile unit was readied for service and driven by **Paul Moss KB1MTW**.

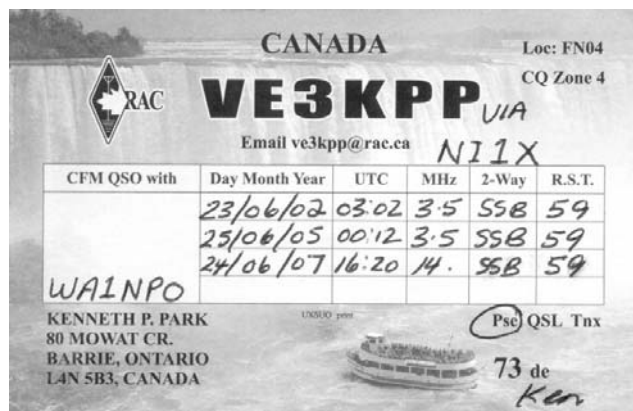
The following HAMS and Whitman Community Emergency Response Team (CERT) members participated in the August statewide drill. **Bob Schmitt KB1MTY**, WEMA Director, **Bill Hayden N1FRE**, RACES Radio officer, **Paul Moss KB1MTW**, Assistant RACES Radio Officer, **Janine Eaton**, American Red Cross, **Lt. Tim Grenno**, Whitman Fire Dept., **Ron Stundze KB1OEQ**, **Jeff Tracy N1SOM**, **Jim Madden KB1PFL**, **Gloria Chiamonte, KB1OAV**, **Skip O'Malley KB1MTZ**, **Rick Petersen KB1OEU** and **Joan Petersen**.

The GMRS and Motorola public safety frequency handheld radios were issued to the participants. These proved to be less than reliable for the drill. The Whitman WEMA repeater, freq. 484.250, located at the Whitman town hall had taken a direct lightning hit on the system antenna the week before. The lights went out in the whole building that night. This was not a drill. Needless to say our Motorola radios with this town repeater capability were useless for our drill on August 4th. The GMRS handheld radios also proved to be unreliable. The Amateur radio communications, however, were adequate, but still needed some fine-tuning, which was discussed later at the lessons learned session after the drill.

The hurricane scenario messages were received from MEMA Reg. II headquarters via amateur radio frequency 145.250 MHz – from the radio console at the EOC by **Bill Hayden N1FRE**. **Paul Moss KB1MTW** drove members to various school locations in town and went to the High School, a simulated shelter, with the Re-Hab / Communications vehicle as well. We did manage to receive all of the messages sent by MEMA during the 2-hour drill, via the Norwell repeater, 145.250 MHz (PL 77) and sent 2 messages back through the system. This year's drill proved to be a very important lesson, for all of the Whitman participants, on radio communications in general.

73 – From Bill N1FRE

WA1NPO QSL MANAGER'S REPORT



This is **The Bruce NI1X** – I am the **WA1NPO** QSL manager and I just received five QSL cards.

VE3KPP (Canada) – Field Day 2002, 2005, 2007
OZ5NJ (Denmark) – Saftler's 2006
YU1EXY (Serbia) – May 9, 1999

ON7CD (Belgium) - Plimoth Plantation 2006
IZ5DKJ (Italy) – Marshfield Fair 2005

Marshfield Fair <> 2008 <> Amateur Radio Exhibit Roster

Pass	Friday - August 15 Afternoon 12:00 to 16:30	Friday - August 15 Evening 16:30 to 21:00	Pass	Saturday - August 16 Morning 10:00 to 14:00	Pass	Saturday - August 16 Afternoon 14:00 to 18:00
1	JOHN COOMBS <> WQ1L	>15:00 BRUCE HAYDEN <> N1TX	1	JOHN COOMBS <> WQ1L	1	15:00< BILL HAYDEN <> N1FRE
1	BILL HAYDEN <> N1FRE <15:00	JOHN MURPHY <> KB1PNH		BRUCE BOLDUC <> N1TX >15:00		PAUL MOSS <> KB1MTW
1	PAUL MOSS <> KB1MTW	RON SMITH <> N1PXX		RAY HAYDEN <> KB1ODU		ROSS HOCH <> W1tekg
1	JIM O'ROURKE <> WG1L	PAUL BURBINE <> N1VTI		DAN CAHSE <> KB1PFU		
1	FRANK HAYES <> N1OGP					
Pass	Saturday - August 16 Evening 18:00 to 21:00	Sunday - August 17 10:00 to 14:00 Morning	Pass	Sunday - August 17 Afternoon 14:00 to 18:00	Pass	Sunday - August 17 Evening 18:00 to 21:00
1	BILL HAYDEN <> N1FRE	JOHN COOMBS <> WQ1L	1	BRUCE HAYDEN <> N1TX >15:30	1	BRUCE HAYDEN <> N1TX
1	JEFF TRACY <> N1SOM	15:30< BILL HAYDEN <> N1FRE		JIM GILBERT <> W5IRW		PAUL MOSS <> KB1MTW
1	BILL TRACY <> N1SON	STEVE LAROE <> K1AWB		DAVID RING <> N1EA		ROSS HOCH <> W1EKG
	BOB LORING <> K1REL	RAY BOLDUC <> KB1ODU		JIM MADDEN KB1PFL		
	BARBARA RICE <> K1MRH					
Pass	Monday - August 18 Afternoon 12:00 to 16:30	Monday - August 18 16:30 to 21:00 Evening	Pass	Tuesday - August 19 Afternoon 12:00 to 16:30	Pass	Tuesday - August 19 16:30 to 21:00 Evening
1	JOHN COOMBS <> WQ1L	BRUCE HAYDEN <> N1TX	1	JOHN COOMBS <> WQ1L	1	BRUCE HAYDEN <> N1TX
1	BILL HAYDEN <> N1FRE	JEFF LEHMANN <> N1ZZN		BILL HAYDEN <> N1FRE		CHRIS LAROE <> KB1QKW
1	ROY LOGAN <> KB1CYV	PAUL BURBINE <> N1VTI		RON SMITH <> N1PXX		COLBEN LAROE <> SWL
	STEVE LAROE <> K1AWB	DAVID BEAUVAIS <> KB1QMX		RAY BOLDUC <> KB1ODU		PAUL BURBINE <> N1VTI
	CHRIS LAROE <> KB1QKW			JIM HAVENS <> W1GQN		
	COLBEN LAROE <> SWL					
Pass	Wednesday - August 20 Afternoon 12:00 to 16:30	Wednesday - August 20 Afternoon 16:30 to 21:00	Pass	Thursday - August 21 Afternoon 12:00 to 16:30	Pass	Thursday - August 21 Afternoon 16:30 to 21:00
1	JOHN COOMBS <> WQ1L	BRUCE HAYDEN <> N1TX	1	JOHN COOMBS <> WQ1L	1	BRUCE HAYDEN <> N1TX
1	BILL HAYDEN <> N1FRE	JEFF TRACY <> N1SOM		BILL HAYDEN <> N1FRE		JEFF TRACY <> N1SOM
1	ROY LOGAN <> KB1CYV	PAUL BURBINE <> N1VTI		STEVE LAROE <> K1AWB		PAUL BURBINE <> N1VTI
	FRANK HAYES <> N1OGP			RAY BOLDUC <> KB1ODU		
Pass	Friday - August 22 Afternoon 12:00 to 16:30	Friday - August 22 Afternoon 16:30 to 21:00	Pass	Saturday - August 23 Morning 10:00 to 14:00	Pass	Saturday - August 23 Afternoon 14:00 to 18:00
1	BILL HAYDEN <> N1FRE	BRUCE HAYDEN <> N1TX	1	JOHN COOMBS <> WQ1L	1	15:00< BILL HAYDEN <> N1FRE
	RON SMITH <> N1PXX	JEFF TRACY <> N1SOM		BRUCE HAYDEN <> N1TX >15:00		JIM HAVENS <> W1GQN
	PAUL MOSS <> KB1MTW	JOHN MURPHY <> KB1PNH		RAY BOLDUC <> KB1ODU		
	FRANK HAYES <> N1OGP	PAUL BURBINE <> N1VTI				
Pass	Saturday - August 23 Afternoon 18:00 to 21:00	Sunday - August 24 Morning 10:00 to 14:00	Pass	Sunday - August 24 Afternoon 14:00 to 18:00	Pass	Sunday - August 24 Afternoon 18:00 to 21:00
1	BILL HAYDEN <> N1FRE	JOHN COOMBS <> WQ1L	1	15:00< BILL HAYDEN <> N1FRE	1	BRUCE HAYDEN <> N1TX
1	JEFF TRACY <> N1SOM	BILL HAYDEN <> N1FRE >15:00		BRUCE HAYDEN <> N1TX		PAUL MOSS <> KB1MTW
1	BILL TRACY <> N1SON	JIM O'ROURKE <> WG1L		DAVID RING <> N1EA		JEFF TRACY <> N1SOM
	ROSS HOCH <> W1EKG			DAVID BEAUVAIS <> KB1QMX		ROSS HOCH <> W1EKG
						additional break down crew <>
					8pm	on reverse side of sheet
					9pm	



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, Sept. 3rd at 6:30 p.m.
Whitman Public Library

CLUB OFFICERS

President	Paul	N1VTI
V. President	Ron	N1PXX
Secretary	Jeff	N1ZZN
Treasurer	Jeff	N1SOM
Director	Barbara	K1MRH
Director	Paul	KB1MTW
Director	Roy	KB1CYV
Director	Bruce	N1IX

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.
P.O. Box 48
Whitman, Ma 02382*

