



The Whitman Amateur Radio Club, Inc.

July 2003

SPECTRUM



PRESIDENTS MESSAGE: This is “The Bruce” N11X – Field Day 2003 was a great success and I would like to thank all the members and friends of the Whitman Amateur Radio Club that helped the Whitman Club team - call sign **WA1NPO** - set up six (6) independent Base Stations and make a total of 328 contacts with 40 States, 2 Canadian Provinces and 7 Foreign Countries during this years Field Day 2003 that was held over the weekend of June 28th & 29th.

In July the members participated in Fox Hunting, helped out with several area road races and participated with the “Museum Ships On The Air” Special Event at the USS Salem. A special congratulations to **Loren Pimentel N1IQI** who received the Brass Pounders League Traffic Award in July. Come to the next meeting and share your HAM related adventures with the other members.

FIELD DAY 2003 - SATURDAY MORNING - SET UP CREW



THE PARTICIPATION WAS FANTASTIC: The Saturday morning Field Day set up crew, shown in the photo, consisted of L. to R. **Jeff Tracy N1SOM**, **Jim Gilbert W5IRW**, **Bill Tracy N1SON**, **Nancy Johnson KB1KDI**, **Doug Cugini N1KQZ**, **Dave Gurney WA1YZH**, **Bill Hayden N1FRE**, **Jim Wolf N1OIU**, **Chris Tilden N1WWI**, **Bob Azanow KA1KIJ**, **Roy Logan KB1CYV**, **Warren Dickie WA1YKF**, **Bill O’Hara KB1IUB**, **George Davis KC1FZ** and **Bruce Hayden N11X**.

Also participating but arriving after the above photo was taken were **Bill O’Hara WA1NYC**, **Ed Meehan N1NTZ**, **Evelyn Foley K1EF**, **Bob Egles KA1BBU**, **Ron Smith N1PXX**, **Charlet Sherman N1VQZ**, **Bob Johnson K1VU** and ARES representatives **Michael Neilson W1MPN** of Hudson and **Steve Schwarm W3EVE** of Wrentham. We also had **Jim Kenworthy SWL** and **Greg Manoogian SWL** attending along with **Jim’s W5IRW** wife **Jane**, **Bob’s KA1KIJ** wife **Judy** and **Ron’s N1PXX** wife **Joan**. A good time was had by all.

SECRETARY'S NOTES OF THE MEETING OF July 2, 2003 de: Roy KB1CYV

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

ATTENDANCE: Fourteen members and/or guests were present, including the four elected officers and one director.

N1FRE	Bill Hayden	N1KQZ	Doug Cugini	N1VTI	Paul Burbine
NI1X	Bruce Hayden	KB1IUB	Bill O'Hara III	WA1NYC	Bill O'Hara Jr.
KB1CYV	Roy Logan	K1XRB	Peter George	KC1FZ	George Davis
N1OIU	Jim Wolf	N1SOM	Jeff Tracy	KB1KDI	Nancy Johnson
Jim Kenworthy (SWL)		Greg Manoogian (SWL) (Guest)			

TREASURER'S REPORT: The Treasurer's report was read by **Jeff N1SOM**. A motion was made by **Bill N1FRE** and seconded by **Bill WA1NYC** that the Treasurer's report be accepted as read. The motion was approved. **Jeff N1SOM** reported that the subscription for QST that the WARC donates to the Whitman Public Library is due for renewal. A motion was made by **Bill N1FRE** seconded by **Jim N1OIU** that it be renewed for 3 years. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Bill WA1NYC** seconded by **Bill KB1IUB** that the Secretary's report be accepted as published in the June Newsletter. The motion was approved.

HEALTH & WELFARE: **Bob Burns K1RB** is undergoing treatment as reported previously. **Jim N1OIU** and **Ron N1PXX** are both recovering from surgery.

OLD BUSINESS: Work has begun on repairs to the Pine Street clubhouse. A motion to allocate up to \$700.00 towards the project at this time was made by **Paul N1VTI** seconded by **Bill KB1IUB**. The motion was approved.

NEW BUSINESS: **Bill N1FRE** reported that the Whitman Public Library has requested the WARC make a presentation on amateur radio to interested townspeople on September 10 at the facility. Several ideas were discussed and the program will be developed at the August club meeting. Participation by all members is encouraged. A motion was made by **Bruce NI1X** seconded by **Bill N1FRE** that **Peter George K1XRB** be accepted as a full member and **Jim Kenworthy** as an associate member. The motion was approved for both new members. A motion was made by **Bruce NI1X** seconded by **Bill WA1NYC** that **Nancy Johnson KB1KDI** and former member **Doug Cugini N1KQZ** be accepted for full membership. The motion was approved. Congratulations and welcome to all the new members. **Bruce NI1X** led a discussion of club participation in public service activities for the benefit of the new members. These include communications support for the Taunton EOC and for various YMCA activities. **Bill N1FRE** reported that the Marshfield Fair will not be featuring an amateur radio exhibit this year. **George KC1FZ** showed a catalog from which **Jim W5IRW** had purchased a monogrammed shirt. **Bruce NI1X** will investigate the potential for making club shirts available. **Bill KB1IUB** is purchasing "Emergency Communications" caps for several members. If interested, contact **Bill KB1IUB** directly. Based on a recommendation by the Treasurer **Jeff N1SOM** - **Bruce NI1X** proposed that we do not pursue the Air Base Developer's Grant at this time – all agreed. Volunteers are requested to provide communications support for the YMCA Triathlon being held on July 13 in Middleborough. If available, contact **Roy KB1CYV** for details. **Bruce NI1X** discussed Field Day results and displayed many great photos of the activities.

NET CONTROLS: 7/6 **Bruce N1X** 7/13 **Bill N1FRE**
 7/20 **Jeff N1SOM** 7/27 **Charlet N1VQZ**

ADJORNMENT: A motion to adjourn was made by **Bill N1FRE** seconded by **Bill WA1NYC** and the meeting closed at 7:50 PM.

KERRY SULLIVAN MEMORIAL ROAD RACE: **Roy KB1CYV** reported that three area HAMS responded to a request for help with the Kerry Sullivan Memorial Road Race that was held on Sunday June 22nd at the West Bridgewater High School. Helping **Gary DeCosta WA1CIM** (coordinator) were **Gil Follett W1GMF** and club member **Roy Logan KB1CYV**.

MUSCULAR DISTROPHY BIKE RACE: **Ron Smith N1PXX** reported that he and **Evelyn Foley K1EF** helped provide communication at the Great Mass Get Away Bike Race in Scituate on Saturday June 21st and that he helped out in Brewster the following day.

TOWER SECTION FOR SALE: **Jim Halpin KB1ETW** has a 20 foot bottom section for a 80 foot free standing commercial tower for sale for \$100.00. **Jim KB1ETW** will help with local delivery. The free standing tower section has a 3 foot triangular base dimension and is made of 1 ¼ inch steel pipe. **Jim KB1ETW** decided not to install the full 80 foot tower and settled for a 60 foot tower at his home QTH in No. Weymouth. Call **Jim KB1ETW** at 781-337-0067 for details.

A VHF Experiment Paved With Good Intentions: **Bob Johnson K1VU** reports that he spotted a former Whitman Club member - **Rick Turner VO1ZX** and **KC1ZX** in a photo in an ARRL article on an attempt at a 2-Meter transatlantic meteor scatter QSO. For details see:
<http://www.arrl.org/news/features/2003/06/24/1/>

Brass Pounders League Traffic Award Presentation by: **Roy KB1CYV**

Presentation of a Brass Pounders League (BPL) bronze medallion from the ARRL was made to **Loren Pimentel N1IQI** at the July 15, 2003 Massasoit Club meeting for points assessed from traffic handling over a period of 10 months.



Presenting the award to **Loren N1IQI** were **Phil Temples K9HI**, ARRL Section Manager and **Jim Ward N1LKJ**, Section Traffic Manager.

Congratulations, **Loren N1IQI** on this recognition of your participation in this important aspect of amateur radio.

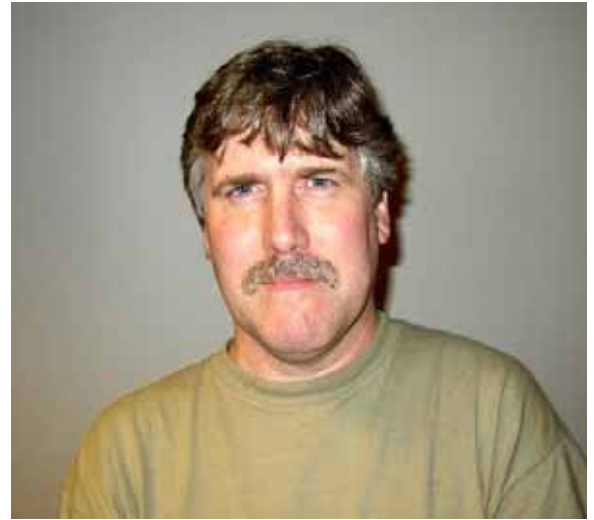


**Phil K9HI, Loren N1IQI
& Jim N1LKJ**

NEW MEMBER: **Peter George K1XRB** of Whitman reports that he was a short wave listener for years, got his license in 1985 and became a general in 1993. The vanity call is in honor of the late DJ of “American Graffiti” fame - Bob “Wolfman Jack” Smith and his legendary “Southern California Giant” radio station, X-E-R-B (Baja California, Mexico).

Peter K1XRB is active on 2 meters, 440 MHz as well as 10, 15 and 20 Meters using a long wire antenna and a transmatch for HF.

When not playing on the HAM bands **Peter K1XRB** reports that he works full time at a local college as a Media - Videography Administrator and on the weekends he does Master Control Duties at a local UHF TV station in Boston. As you can see **Peter K1XRB** is very radioactive.



Peter George K1XRB

NEW MEMBER: **Jim Kenworthy KB1KFF** of Rockland joined as an associate member at the July 2nd meeting and later reported that he passed the V-E Exam for the Technician Class License later in July and received the call sign of **KB1KFF** on July 16th.

Jim KB1KFF has been to many Saftler's Flea markets and this year attended Field Day where he is shown outside the Club 20-Meter Base Station tent.

Jim KB1KFF reports that he was active in the 1970's as **WA1QQF** which has expired, and is currently involved with getting a shack organized and getting an outside antenna erected while he monitors the airwaves.



Jim Kenworthy KB1KFF

NEW MEMBERS: Former member **Doug Cugini N1KQZ** of Holbrook and **Nancy Johnson KB1KDI** of N. Attleboro are two new members who attended Field Day where they are shown at the 20-Meter Base Station with **Bill Hayden N1FRE** at the controls.

Doug N1KQZ has been licensed since 1991. **Nancy KB1KDI** received her technician class license in June just six (6) days before Field Day and has been learning how to program and operate a new YAESU VX-5R handheld transceiver. Introducing amateur radio to new HAMs is a great side benefit to Field Day .



Nancy Johnson KB1KDI
Bill Hayden N1FRE & Doug Cugini N1KQZ

Old Colony YMCA 2003 Triathlon by: Roy KB1CYV

The annual YMCA Triathlon was held at Camp Yomechas in Middleborough on Sunday, July 13, 2003.

Approximately 300 racers participated in the event, which had been lengthened this year to serve as a qualifying event for national triathlons. Participants were required to swim 1 mile, bike 24 miles and run 6 miles. The high speed bikes make this a dangerous event with the progress of one participant, who fell off his bike, being tracked by the HAM operators as he completed the race.

Club member **Roy Logan KB1CYV** reports that the 2-Meter Net Control Base Station was manned by **Carl N1FY** with five area HAMS providing communications from various locations along the race route. The area HAMS that participated this year are shown in the group photo holding the YMCA Tee shirt for the event and include L. to R. **Alan Cox K1VQ**, **Gary De Coster WA1CIM**, **Bob Keene N1LCY**, **Gil Follett W1GMF** **Carl Aveni N1FY** and club member **Roy Logan KB1CYV**



WHITMAN AMATEUR RADIO PUBLIC SERVICE NET

The Whitman Amateur Public Service Net (**WARPSN**) meets every Sunday morning at 8:30 AM on the Club REPEATER 147.225 MHZ to establish a 2 meter frequency in the event of an emergency and share information of interest with amateurs and all other listeners as well. The June traffic report is saying that an average of 11 HAMS checked in each week in June (that's 58 checkins (QNI) / 5 sessions = 11 per week) and 16 traffic messages (QTC) were sent.

WAINPO Traffic Messages

Featuring our Traffic Manager, **Walt K1BZD**

Submitted by Charlet N1VQZ

June 2003 Traffic



Date	Prec	HX	Station of Origin	Check	Location of Orig	Date
06/29/03	R		K1BZD	11	WHITMAN, MA	06/29/03 08:47 est
Message Body						
WARPSN		JUNE		TRAFFIC		SESSIONS
5		QNI		58		16
73						
Signature: WALT K1BZD						
Rec'd From: K1BZD			On: 06/29/03		On:	

PACKET RADIO NEWS

Gil Follett W1GMF reports that his local PACKET BULLITEN BOARD and DIGIPETER that had been previously moved from Whitman to the Bridgewater REPEATER site has been renamed from the "WHIT" node to the "W1MV" node.

The Bruce NI1X reports that club member **Joe Serrilla W1JOE** is just a Hop - Skip and a Jump away in New Hampshire - via PACKET RADIO that is. First you connect to the old WHIT node (now **W1MV** on 145.09MHz) and then Hop to the **N1NMX-7** node in Pepperell near the New Hampshire boarder and then skip to the **Belnap** node at the south end of Lake Winnepesaukee and then jump back south to **W1JOE-1** (**Joe's W1JOE** packet mail box) that is set up at a Boy Scout camp in Barnstead, NH just west of Rochester, NH where **Joe W1JOE** is chief cook and bottle washer for the second summer in a row. Communication with **Joe W1JOE** has been reestablished.

INTERNATIONAL MUSEUM SHIPS SPECIAL EVENT

Pi Pugh K1RV reported that the Special Event started at 8 PM on Friday July 18th and finished at 8 PM on Sunday July 20th with about 1100 contacts being made from the USS Salem in Quincy, Mass. It was reported that at least 82 Museum Ships were participating.

Club member **Jeff Lehmann N1ZZN** reported that he spent most of the weekend operating onboard the USS Salem and he was told that club member **Jim Gilbert W5IRW** had checked in from his mobile Coachman motor home from somewhere near Kentucky. **Jeff N1ZZN** is shown operating the Internet Radio Linking Project - IRLP - link through the Scituate REPEATER.



Jeff Lehmann N1ZZN



The Bruce NI1X

The Bruce NI1X is shown after he had set up a temporary Cushcraft R-5 vertical antenna onboard the USS Salem to give the USS Salem crew **K1USN** a third HF operating position.

The Bruce NI1X put out a call from the Special Event Station **K1USN** on the Whitman REPEATER just before the Special Event Station closed down and **Bill Hayden N1FRE** and **Bill O'Hara KB1IUB** logged in.

Ed Meehan N1NTZ brought a guest **John** who was visiting from Ireland to visit the **K1USN** crew at the USS Salem. The USS Salem has a very active program to introduce Boy Scouts to amateur radio and are always looking for volunteers to show up on Saturday Afternoon between 2:30 PM and 6:00 PM and help demonstrate Morse code, the 2-Meter Internet Radio Linking Project (IRLP) and help make HF Contacts with the Boy Scouts that are on board. Contact **J.C.Cunningham W1AI** at: www.W1AI@hamtestonline.com

FIELD DAY 2003 - AMES NOWELL STATE PARK

Bill O'Hara KB1IUB is shown taking a turn at the 20 Meter Base Station where he caught a band opening and had a pile up going for over an hour as he was heard calling over and over again:



Bill O'Hara KB1IUB

CQ Field Day - CQ Field Day - This is WA1NPO - Whiskey Alpha One November Papa Oscar - we are Six Alpha - Six Alpha - Eastern Massachusetts .

A great start for **Bill's KB1IUB** first Field Day.

FIRST CAME THE PUBLICITY

The Whitman Club issued several press releases that were printed both before and after the Special Event in the Brockton Enterprise and **Governor Mitt Romney** signed a proclamation that read as follows:

A PROCLAMATION BY HIS EXCELLENCY GOVERNOR MITT ROMNEY

WHEREAS, the commonwealth of Massachusetts has more than 13,000 licensed amateur radio operators who have demonstrated their value in public assistance by providing emergency radio communication; and

WHEREAS, these amateur radio operators donate these services free of charge to the commonwealth, in the interest of the citizens of the commonwealth as well as the world; and

WHEREAS, these amateur radio operators are on alert for any emergency, local or world wide, and practice their communication skills during the American Radio Relay League's Field Day exercise; and

WHEREAS, this year's Amateur Radio Field Day will take place on June 28th-29th, 2003

NOW, THEREFORE, I, MITT ROMNEY, Governor of the commonwealth of Massachusetts, hereby declare June 28th, 2003 as **AMATEUR RADIO DAY** in recognition of this important exercise, and call upon all citizens to pay tribute to the American Radio operators of the commonwealth.

Whitman

Correspondent: **Debbie Seele**
Phone: 781-447-1453
E-mail: mdseele@comcast.net

Radio operators demonstrate HAM radio abilities

Twenty-four amateur radio operators participated in a national emergency preparedness exercise, Field Day 2003, on June 28 and 29 at Ames Nowell State Park. The local radio operators mobilized to demonstrate the ability of amateur radio (HAMs) in the United States, Caribbean, and South America to operate portable equipment in abnormal situations with less than optimal conditions. Bruce Hayden, president of the Whitman Amateur Radio Club, reported the team was able to set up five independent base stations and make 328 contacts in 40 states, two Canadian provinces and seven foreign countries over the 24-hour period. Those participating were Bill O'Hara III KB1IUB, Bill O'Hara Jr. WA1NYC, Dave Gurney WA1YZH, Jeff Tracy N1SOM, Bill Tracy N1SON of Abington, Ed Meehan N1NTZ, and Evelyn Foley K1EF of Brockton, Roy Logan BK1CYV of East Bridgewater, Jim Wolfe N1OIU of Hanson, George Davis KC1FZ of Hingham, Bob Egles KA1BBU of Holbrook, Michael Neilson W1MPN of Hudson, Jim Gilbert W51RW, Ron Smith N1PXX of Marshfield, Chris Tilden N1WWI and Charles Sherman N1VQZ of Middleboro, Nancy Johnson KB1KD1 of North Attleboro, Bruce Hayden N1IX of Raynham, Warren Dickie WA1YKF, Bob Azanow KA1KIJ, and Doug Cogini N1KQZ of Holbrook, Bob Johnson K1VU of West Bridgewater, Bill Hayden N1FRE of Whitman and Steve Schwarm of W3EVE of Wrentham.

NEXT CAME THE ANTENNA CREW:



Chris Tilden N1WWI



Bob Azanow KA1KIJ &
Warren Dickie WA1YKF

Chris Tilden N1WWI brought his trusty Bow and Arrow and shot a fishing line over the tree tops to support Bill's N1FRE all band off center fed Windom antenna and Dave Gurney's WA1YZH 160 Meter and 10 Meter Dipoles.

Club member Bob Azanow KA1KIJ was attending his first Field Day and not only talked his friend, and area HAM, Warren Dickie WA1YKF into attending the Whitman Club Field Day but also convinced him to bring along his Wrist Rocket – a commercial slingshot with built in fishing line and spool that was put to good use. The “E-Z Hang” slingshot can be seen advertises in QST.

Jim Gilbert W5IRW set up his all band Outbacker vertical antenna next to his Coachman motor home and is shown showing George Davis KC1FZ the portable stand that was designed to support the Outbacker and provide a ground plane at the same time.



George KC1FZ & Jim W5IRW



Bill O'Hara WA1NYC
& Roy Logan KB1CYV

15 METER BASE STATION: Roy Logan set up a 15-Meter Base Station in a tent supplied by Bill N1FRE and with a Cushcraft R-5 vertical antenna supplied by Bruce N1IX.

Propagation was non-existent on 10-Meters and very poor on 15-Meters because the famous sun spot cycle is on the down side of its 11 year cycle. The cycle is now 6 years old and continues to stay considerably low. Club members who were unable to attend but checked in from their home QTH were Bob Burns K1RB, Jeff Lehmann N1ZZN, Walter Dolson K1BZD and Frank Hayes N1OGP.

GET ON THE AIR STATION (GOTA)

Jeff Tracy N1SOM and **Bill Tracy N1SON** volunteered to set up an 80-Meter Get on The Air (GOTA) Station at this years Field Day. The 80-Meter Base Station consisted of an ICOM IC-706 Mark II transceiver that is good for HF and 2 meters and was connected to a new G5-RV dipole antenna.



At the GOTA Station >>>>>>

Bill KB1IUB, Bill N1SOM & Jeff N1SOM



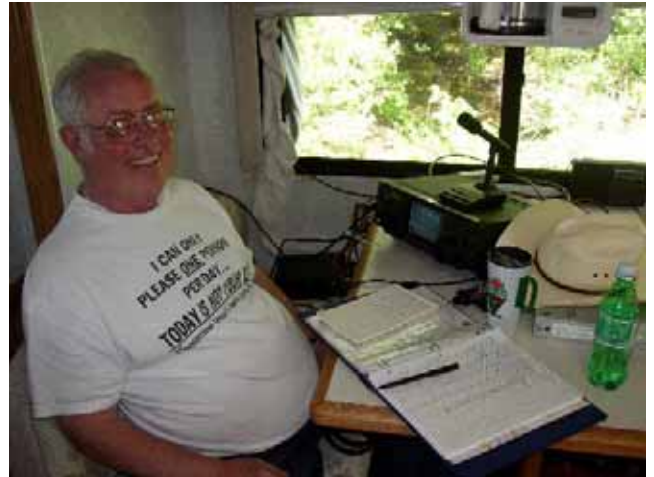
Bill N1SON and **Jeff N1SOM** powered the GOTA Station with their new "GENERAC" 4000 watt portable generator which was given it's first test run and they reported that it ran about 12 hours on 5 gallons of gas.

Note the ARRL – "GOTA" Tee shirts that **Bill N1SON** and **Jeff N1SOM** are wearing.

Bill N1SON & Jeff N1SOM
and their new generator

40-METER CW BASE STATION: Jim Gilbert W5IRW set up his ICOM IC-756 Pro in his Coachman motor home that was complete with an air conditioning - Unthinkable in Field Days past - and emergency generator and Outbacker antenna.

Jim W5IRW and his wife **Jane** have just sold their home in Marshfield and stopped by to attend Field Day 2003 before hitting the road. The crew from the USS Salem later reported that **Jim W5IRW** had checked in from somewhere near Kentucky on the weekend of July 19th. **Jim W5IRW** and his wife **Jane** plan to settle in Texas but assure us that they will be in the area from time to time visiting family.



Jim Gilbert W5IRW



Bob Azanow KA1KIJ and wife **Judy**
at the 15-Meter Base Station



Evelyn Foley K1EF & Friend **K1DOG**
& **Ron Smith N1PXX** and his wife **Joan**

AMATEUR RADIO EMERGENCY SERVICE - ARES

Steve Schwarm W3EVE an ARRL – ARES Mutual Aid Team “Team Leader” who provided HAM radio support for 9/11 in New York City and **Michael Neilson W1MPN** The ARRL - ARES New England Section Emergency Coordinator stopped by and were photographed in **Jim’s W5IRW** Motorhome HAMSHACK as they inspected the Whitman Club Field Day site.

They were representing Amateur Radio Emergency Service - ARES – a nationwide organization of Radio Amateurs who have registered their qualifications and equipment for public service communications with their local ARRL Section Emergency Coordinator.

The ARES role is to develop and provide guidance for teams of amateur radio operators devoted to emergency communication. Field Day is one such training activity. Public service awareness has taken on a new intensity since Sept. 11, 2001 and it was reported that last year the ARRL received 2100 Field Day reports representing a total of almost 34,000 participants. Last year about 1.4 million QSO’s were reported in the brief 24 hour period. Field Day started in the 1930’s and is still used to show officials in government agencies what amateur radio can accomplish under severe operating conditions.



**Steve Schwarm W3EVE
& Michael Neilson W1MPN**

The ARES teams may be asked to provide support to specific agencies requesting help. In this area both the Whitman Club and Massasoit Club can be proud of the support provided to SKYWARN along with the Town of Bridgewater and City of Taunton RACES organizations and in the future plans are being developed to provide support to the local Red Cross. The City of Brockton has recently requested amateur radio operator support and this Emergency Management support is also under development in this area at this time.



Ed Meehan N1NTZ taking a turn
at the 20-Meter Base station



Bruce Hayden N1IX taking a turn
at the 80-Meter Base Station



Jim Wolf N1OIU and his Lincoln Electric “Ranger 8” portable generator that is rated 8000 watts and was used for most of Field Day.



**Roy Logan KB1CYV, Bill O’Hara KB1IUB
Bob Johnson K1VU & Bill O’Hara WA1NYC**
Inspect the Club Coleman 4000 watt generator



**Jim N1OIU, Jeff N1SOM
Bill N1SON & Dave WA1YZH**

Breakfast for the overnight crew was served up by **Dave WA1YZH** and **Jim N1OIU**. **Dave WA1YZH** had also set up a 160-Meter dipole for his 40-Meter Base Station and a 10-Meter dipole for **Jim’s N1OIU** 10-Meter Base Station.



**Chris Tilden N1WWI &
Charlet Sherman N1VQZ**
with her grandson **Doug**



Bob Egles KA1BBU & Roy KB1CYV
at the 15-Meter Base Station



Bob Johnson K1VU at the 20-Meter Base Station with **Bill Hayden N1FRE** inside. **Bill N1FRE** had provided the 20-Meter Base Station with his ICOM IC-756 transceiver and his all band Windom Antenna and was using one of the Club’s screen tents.

Another successful Field Day and then it was over – a great team effort with lessons learned and a nice feeling of accomplishment.



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

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, August 6th at 6:30 PM
Whitman Public Library

President	Bruce	NI1X
V. President	Bill	N1FRE
Secretary	Roy	KB1CYV
Treasurer	Jeff	N1SOM
Director	Jim	W5IRW
Director	Paul	N1VTI
Director	Steve	W1WSN
Director	Chris	N1WWI

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

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

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*

