



SPECTRUM



The Voice of the Humble Electron

Founded 1962

FIELD DAY 2008 SPECIAL ISSUE

The Whitman Amateur Radio Club participated in a national emergency preparedness exercise, called Field Day 2008 over the weekend of June 28th and 29th. We had 39 Whitman club members and 10 area amateur radio operators (HAMS) who mobilized, from 19 area towns, at the Old Colony YMCA Camp Satucket property in East Bridgewater to set up portable antennas, radios, generators and tents. There were 7 people staying overnight. Several more members were supporting other area Field Day sites.



The object of the exercise is to see how many other amateur radio stations can be contacted in a given 24 hour period that starts at 2 p.m. (EDT) on Saturday afternoon and ends at 2 p.m. on Sunday afternoon. **Paul Burbine N1VTI** – President of the Whitman Amateur Radio Club reports that the exercise was a great success as the team was able to set up six independent HF base stations, one 6-Meter base station, several 2-Meter base stations and made a total of 559 contacts with amateur radio operators in 39 States and 4 Canadian Provinces over the 24 hour period using both phone and Morse Code. A solar powered, battery operated radio was also successfully utilized during the exercise.

THE PARTICIPATION WAS FANTASTIC

The weather was forecast to be bad and that worried a few people at first – however the weather cooperated and the 39 Whitman Club members and 10 area HAMS who showed up were:

KB1OSV	Matt Paine	W1SM	Al Drollett	N1IX	Bruce Hayden
KB1QMX	Dave Beauvais	KB1PFL	Jim Madden	KB1TOM	Tom Wilson
WA1YZH	Dave Gurney	N1VTI	Paul Burbine	N1FRE	Bill Hayden
N1ZZN	Jeff Lehmann	KA1KIJ	Bob Azanow	KB1EUI	Jim Tovet
KB1MTW	Paul Moss	N1WIG	Sam Webber	W1GRC	Gary Cumiskey
W5IRW	Jim Gilbert	NM1F	Jim Ford	KB1OEQ	Ron Stundze
KB1QKV	Mike Anderson	KB1NMG	Barbara Anderson	K1MRH	Barbara Rice
N1SOM	Jeff Tracy	N1SON	Bill Tracy	KB1PHN	John Murphy
KB1CYV	Roy Logan	KB1QKW	Chris Laroe	K1AWB	Steve Laroe
WA1TSL	Ralph Lanzetta	KB1CHW	John Coombs Jr.	KC1ML	Mark Loring
K1VU	Bob Johnson	KB1PFU	Dan Chase	KB1ODS	John Chase
N1NTZ	Ed Meehan	N1OGP	Frank Hayes	KB1PVC	Mike Dowd
N1PXX	Ron Smith	KB1NAX	Joan Smith	W1EKG	Ross Hochstrasser
W1WCF	Walter Fitzgerald of Raynham	KB1IIU	Bill Spear of Whitman		
WA1YKF	Warren Dickie of Holbrook	KC1HO	Stephen Johnson of Plymouth		
KA1BBU	Bob Egles of Holbrook	N1JFU	Steve Meuse of W. Bridgewater		
W1BT	Ralph Butler of Scituate	W1VFB	Greg Glynn of Taunton		
KC1JET	Jim Tynan of Rehoboth	WD1L	John Nelsen of Brockton		

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 June we had 5 sessions with an average of 17 area HAMS checking in each week and 11 messages were sent.

2 – METER BASE STATION

Sam Webber N1WIG was Net Control for the Sunday morning June 29th **WARPSN NET** and operated from the Field Day site using **Roy's KB1CYV** Alinco DR-605 dual-band 2-Meter / 440 MHz transceiver as a club Station and using **Roy's KB1CYV** dual-band 2-Meter / 440 MHz homemade vertical antenna.



Sam Webber N1WIG
WARPSN NET Control
with a record 32 checkins

The crew was monitoring both the Whitman and Bridgewater 2-Meter REPEATERS. Whitman club members who were not able to make it to the Field Day site but who were able to log in with the Whitman club station **WA1NPO** over the two day event via 2-Meters were **Gil Follett W1GMF**, **George Davis KC1FZ**, **Phil McNamara N1XTB**, **Ray Bolduc KB1ODU**, **Mike Supple KB1OEP**, **Jim O'Rourke WG1L**, **Bruce Billings K1CWS** and **John Coombs WQ1L**. The club also received a good luck RADIOGRAM message from **Ron Wood W1PLW** - the ARRL Public Information Officer for the Eastern Massachusetts Section.

OUR YOUNGEST GUEST OPERATORS



Bruce Hayden NI1X
Patrick Laroe SWL



Colben Laroe SWL
Bruce Hayden NI1X

With **The Bruce NI1X** as the Control Operator - 6 year old **Patrick Laroe SWL** (Short Wave Listener) and 8 year old **Colben Laroe SWL** both made a 2-Meter contact with **Carl Aveni N1FY** at the Massasoit Club Field Day site and learned that **Carl's N1FY** wife is a first grade teacher. They then went to the Massasoit Club Field Day site at the Bridgewater Emergency Operations Center to check out their Field Day operation. Later, at the next club meeting, **Colben** showed **The Bruce NI1X** some of his ICOM comic books that teach all about amateur radio. **The Adventures of Zack & Max - Fun at Field Day** - is a must reading.

6 - METER BASE STATION:

Paul Burbine N1VTI set up a 6-Meter Base Station on the “Magic Band” using his YAESU FT-857D transceiver and his Cushcraft 6-Meter vertical. The Field Day crew made 38 6-Meter contacts. The skip was open to Georgia and North Carolina – then it opened to Indiana. **Paul N1VTI** experimented with a homemade 6-Meter dipole but had better results with his vertical antenna.

Contact was made with **Steve Meuse N1JFU** who was operating the Massasoit Club station **W1MV** from the Bridgewater Emergency Operations Center and with club member **Bob Johnson K1VU** from his home QTH.



Warren Dickie WA1YKF
Bob Azanow KA1KIJ
Paul Burbine N1VTI

10 - METER BASE STATION



Christopher Etter SWL
Sam Webber N1WIG

Sam Webber N1WIG set up a 10-Meter Base Station using his ICOM IC-718 transceiver and **Paul's KB1MTW** Shakespeare 11-Meter vertical (really a half wave vertical dipole). The portable mast base was supported by **Sam's N1WIG** truck tire. **Sam N1WIG** brought an emergency generator but wound up sharing **Jeff N1SOM** and **Bill Tracy's N1SON** 4000 watt emergency generator. **Sam N1WIG** was also part of the overnight crew and reported they quit and killed the noisy generators about midnight.

Sam N1WIG got to use his new tent for the first time and operated in the traditional outdoor Field Day tradition. The 10-Meter crew made 38 contacts with stations as far south as Florida, as far west as Colorado and as far north as Ontario, Canada. **Sam N1WIG** reports that he made 34 contacts on his own this year and had an excellent time.

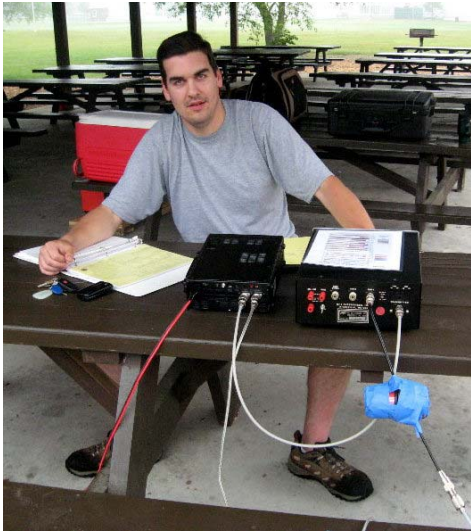
The object of Field Day is to work as many stations as possible in a 24-hour period in abnormal situations with less than optimal conditions. We are developing skills to meet the challenge of emergency preparedness and to acquaint the general public with the capabilities of amateur radio. Amateur radio has something for everyone from Morse code to phone to the new digital modes and computer assisted operations. During Field Day 2008 we were set up “**in the field**” away from our home base and were using emergency generator power and portable antennas.



Camper & Tent set-up

CQ Field Day – CQ Field Day - this is WA1NPO - Whiskey Alpha One November Papa Oscar calling CQ Field Day and looking for any contact

15 - METER BASE STATION



Matt Paine KB1OSV



Matt's KB1OSV Antenna Crew
Jim Tovet KB1EUI on the roof



Matt Paine KB1OSV
Al Drollett W1SM

Matt Paine KB1OSV set up a 15-Meter Base Station using his YAESU FT-897D transceiver in one of the two open pavilions. **Matt's KB1OSV** antenna crew consisted of L. to R. **Al Drollett W1SM**, **Matt KB1OSV** and **Tom Wilson KB1TOM** with **Jim Tovet KB1EUI** on the roof. The antenna crew helped **Matt KB1OSV** set up a 15-Meter dipole using 3 ft fiberglass mast sections for a center mast that also held a 2-Meter vertical. The fiberglass mast required storm guying in three directions as it bent easily. **Matt KB1OSV** made one contact with **The Bruce NI1X** from his home QTH in Raynham. If you look closely you can see **Matt's KB1OSV** improvised experiment with seven (7) turns of coax antenna wire wrapped around a coke bottle (covered with blue tape) to improve the performance of his radio / antenna system. **Matt KB1OSV** brought a 1000 watt Mitsubishi (inverter type) emergency generator to power his rig.

15 - METER SOLAR POWERED, BATTERY OPERATED, BASE STATION

Tom Wilson KB1TOM furnished a 12 volt battery and a solar panel that delivered about 0.17 amps while charging the battery. **Matt Paine KB1OSV** connected his transceiver and made 5 contacts using this solar powered, battery operated, system.

Shown at the Solar Powered station are L. to R. **Jeff Lehmann N1ZZN**, **Matt KB1OSV** at the rig, **John Chase KB1ODS**, **Tom Wilson KB1TOM**, **Dan Chase KB1PFU** and **Dan's KB1PFU** friend **Crystal**.

As you can imagine, during a Hurricane, with no power to recharge batteries - cell phones and radios soon go dead. A HAM radio operator with a solar powered, battery operated, radio system would be able to communicate every day when all else fails.



Solar Power demonstration

20 - METER BASE STATION



Main Pavilion



Ross Hochstrasser W1EKG
Paul Moss KB1MTW
Roy Logan KB1CYV

Roy Logan KB1CYV set up his ICOM IC-735 transceiver and can be seen in the far left corner of the open pavilion photo. Roy KB1CYV was using Sam's N1WIG R-5 vertical antenna. The Bruce N1IX made contact with the 20-Meter Base Station from his home QTH in Raynham. The 20-Meter Base Station made 90 contacts with stations as far south as Florida and as far west as Arizona.



Ralph Lanzetta WA1TSL
Ron Stundze KB1OEQ



Ed Meehan N1NTZ
Roy Logan KB1CYV



Barbara & Mike Anderson
KB1NMG KB1QKV

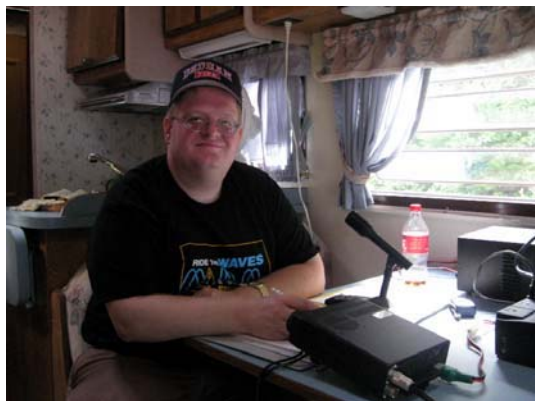


John Nelsen
WD1L



Barbara Joan & Ron Smith
K1MRH KB1NAX N1PXX Pg. 5

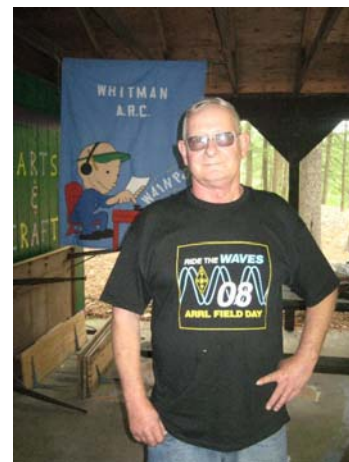
40 - METER BASE STATION



Jeff Tracy N1SOM

Jeff N1SOM volunteered to prepare the log books and file the ARRL Field Day report.

Notice the “Ride The Waves” Field Day 2008 tee shirts sported by both **Jeff N1SOM** and **Bill N1SON**.



Bill Tracy N1SON

Jeff Tracy N1SOM and his father **Bill Tracy N1SON** set up a 40-Meter Base Station in their camper using their ICOM IC-706 Mark IIG transceiver and a 40-Meter club dipole strung between the trees. The 40-Meter phone station made 80 contacts with stations as far south as North Carolina and as far west as Illinois and as far north as Ontario, Canada. All within a 900-mile radius.

40 -- METER CW BASE STATION



Jim Ford NM1F
kept on going and going



Bruce Hayden NI1X
pounding brass

Jim Ford NM1F set up a 40-Meter CW Base Station using his Kenwood TS-690S transceiver and a 40-Meter delta loop antenna, installed vertically, with the base side about 6 feet off the ground. **Jim NM1F** had a center mast and tied off the two bottom points of the delta loop to nearby trees. The system worked well and the 40-Meter CW Base Station made 188 contacts with stations as far south as Florida and as far west as California. **Jim NM1F** wins our IRONMAN award by logging in the most number of contacts at Field Day 2008. **Jim NM1F** logged in 177 contacts all by himself.

The Bruce NI1X made a scheduled CW contact (yes that's CW as in Morse code) with **John Alley W1DMD** of Raynham – no problem.

As usual Morse code got through when we were having trouble transmitting by voice. We heard a lot of California stations on SSB but they were not hearing us. It is wonderful that Morse code is alive and well and part of the Whitman Amateur Radio Club's radioactive adventures.

80 -- METER BASE STATION



Dave Gurney WA1YZH



Bill Hayden N1FRE
John Murphy KB1PHN

Bill Hayden N1FRE set up an 80-Meter Base Station using his ICOM IC-756 transceiver and his off center fed Windom dipole antenna. The 80-Meter Base Station made 74 contacts with stations as far south as Virginia, as far west as Ohio and as far north as Ontario. All within a 600 mile radius. **John KB1PHN** made over 30 contacts on 80-Meters.

80 -- METER CW BASE STATION

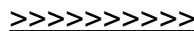
Pete Carlson N1POO operated the 80-Meter Base Station as a CW station and made 5 contacts.

The crew standing behind **Pete N1POO** while he operated the 80-Meter CW station were L. to R. **Greg Glynn W1VBF**, **Chris Laroe KB1QKW**, **Steve Laroe K1AWB** and **Bruce Hayden NI1X**. Shown seated in front of **Pete N1POO** and fascinated by the sound of the Morse code are **Patrick Laroe SWL** and **Colben Laroe SWL**



Gary Cumiskey W1GRC

David KB1QMX
and **Gloria** found
the Whitman Club
Mascot



Gloria SWL & David Beauvais KB1QMX

MORE FIELD DAY PICTURES



Frank Hayes
N10GP



John Coombs Jr.
KB1CHW

FREE
WATER



Mark Loring & Paul Burbine
KC1ML N1VTI

Mark Loring KC1ML brought us free cases of water.



Tom Wilson KB1TOM
Jim Tovet KB1EUI
David Beauvais KB1QMX
Jim Madden KB1PFL

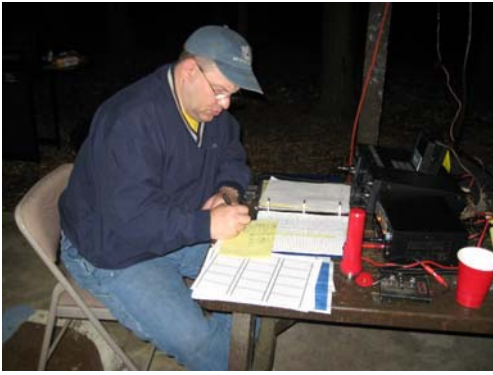


Emergency generators
at main pavilion

Dave Beauvais KB1QMX brought his Powermate 4000 watt generator and it was placed in service supplying five of the Base Station transmitters when the club's Tecumseh 4000 watt generator produced high voltage and could not be regulated. After some discussion at the July club meeting - plans are in place to replace the club generator.

Last but not least – a special thanks to all who brought food and grills and to Gary W1GRC who was the cook. I know it was Paul N1VTI who went shopping for hotdogs and hamburgers. Thanks to Roy KB1CYV for the pot of beans, Jeff N1SOM for the soda and water, Dave WA1YZH for the chicken, Barbara KB1NMG and Mike KB1QKV for the salad and coffee and Mark KC1ML for the free cases of bottled water and I am sure there were others that I missed who helped make this a very enjoyable Field Day.

MORE FIELD DAY 2008 PICTURES



Dave Beauvais KB1QMX
on the night shift



Old Colony YMCA
East Bridgewater, MA.

MASSASOIT CLUB FIELD DAY SITE



Joe Serrilla W1JOE
Cooking up a storm



Phil McNamara N1XTB
Joanne McLaughlin KB1FVN

Phil McNamara N1XTB reported that he brought his radio equipment and that **Joe Serrilla W1JOE** brought his cooking equipment and expertise to the Massasoit Club Field Day site at the Bridgewater Emergency Operations Center. **Carl Aveni N1FY**, who is the ARES South Shore District Emergency Coordinator, was operating out of the Bridgewater EOC and was in touch with National Weather Taunton. **Carl N1FY** kept us all informed about the potential severe weather via the 2-Meter REPEATER.

GENESIS CLUB FIELD DAY SITE: **Ken Kavaljian KB1KVL** reports he brought his radio equipment to the Genesis Club Field Day event and saw several other Whitman Club members checking out the site at the Plymouth Airport.

K1M FIELD DAY SITE: **Ray Bolduc KB1ODU** reports that he brought his radio equipment to another Field Day site at Fourth Cliff in Scituate.



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, Aug. 6th 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*

