



The Whitman Amateur Radio Club, Inc.

July 2005

# SPECTRUM



The Voice of the Humble Electron

Founded 1962

## FIELD DAY 2005 - SPECIAL EDITION

**PRESIDENT'S MESSAGE:** This is **The Bruce N1X** – Field Day 2005 was a great success, thanks to the 21 Whitman Club members and 6 area HAMs who mobilized at the Ames Nowell State Park in Abington to help set up tents, antennas, generators and seven HF Base Stations along with several 2-Meter talk in Base Stations.

This year the Field Day crew made 263 contacts with 40 States, 3 Canadian Provinces and 2 Foreign Countries. The weather was hot, 93 Degrees on Saturday, then it cooled off a little for the seven HAMs who stayed overnight. On Sunday it was not only hot but also very muggy. The good news was that the rain and lightning to the West and North of us held off until Field Day was over.



**THE SATURDAY MORNING - FIELD DAY 2005 - SET UP CREW**

The Saturday morning set up crew consisted of (L. to R.) **Bruce Hayden N1IX** of Raynham, **Bill Hayden N1FRE** of Whitman, **Don Keene KA1PJX** of N. Weymouth, **Jim Wolf N1OIU** of Hanson, **Jim Gilbert W5IRW** and his wife **Jane** formerly of Marshfield, **George Davis KC1FZ** of Hingham, **Jeff Lehmann N1ZZN** of Hanson, **Al Drollett Jr. W1SM** of Weymouth, **Dave Gurney WA1YZH** of Abington, **Jim O'Rourke WG1L** of N. Weymouth, **Bill O'HARA N1EY** of Abington, **Roy Logan KB1CYV** of Bridgewater and **Ed Meehan N1NTZ** of Brockton.

## FIELD DAY 2005 - WHEN ALL ELSE FAILS

The Whitman Amateur Radio Club participated in a national emergency preparedness exercise, called Field Day 2005 over the weekend of June 25<sup>th</sup> and 26<sup>th</sup>. A total of 25 area amateur radio operators (HAMs) mobilized at the Ames Nowell State Park to set up portable antennas, radios, generators and tents.



The purpose of this exercise is to demonstrate the ability of amateur radio operators (HAMs) in the United States, Canada, the Caribbean, and South America to set up and operate portable equipment in abnormal situations with less than optimal conditions. Such conditions would be encountered in a hurricane or local disaster where local power and normal means of communication have been interrupted.

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 PM (EST) on Saturday afternoon and ends at 2 PM on Sunday afternoon. The Whitman Club Field Day 2005 team was able to set up seven independent base stations and make a total of 263 contacts with 40 States, 3 Canadian Provinces and 2 foreign countries over the 24 hour period.



TENTS WERE ASSEMBLED



Bill Hayden N1FRE with his slingshot

First came the Tent Crew that assembled **Bill's N1FRE** tent and the Club Screen Tent – without directions it's the blind leading the blind.

Then came the antenna crew with **Bill N1FRE** sending a fishing line over the tallest Pine trees with his sure shot slingshot. Several dipole antennas were installed including **Bill's N1FRE** off center fed Windom HF Antenna and **Bill N1SON** and **Jeff's N1SOM** G5RV all band HF antenna along with **Dave's WA1YZH** 80 Meter and 10 Meter dipoles. **Jim W5IRW** and **Jim WG1L** were using the all band HF OUTBACKER antenna.

**Frank Hayes N1OGP** is shown holding the Club's new Cushcraft R-6 vertical antenna that was purchased from the estate of **Bob Burns K1RB SK** along with a 2-Meter/440 MHz vertical antenna and HF Barker Williams folded dipole wire antenna.



Frank Hayes N1OGP

## THE PARTICIPATION WAS FANTASTIC

The 21 members of the Whitman Amateur Radio Club who were able to participate were:

<b>Dave Gurney</b>	<b>WA1YZH</b>	<b>Ken Kavaljian</b>	<b>KB1KVL</b>	<b>Jeff Tracy</b>	<b>N1SOM</b>
<b>Bill Tracy</b>	<b>N1SON</b>	<b>Ed Meehan</b>	<b>N1NTZ</b>	<b>Ron Smith</b>	<b>N1PXX</b>
<b>Roy Logan</b>	<b>KB1CYV</b>	<b>Jeff Lehmann</b>	<b>N1ZZN</b>	<b>Jim Wolf</b>	<b>N1OIU</b>
<b>George Davis</b>	<b>KC1FZ</b>	<b>Jim Gilbert</b>	<b>W5IRW</b>	<b>Bruce Hayden</b>	<b>NI1X</b>
<b>Jim Kenworthy</b>	<b>KB1KFF</b>	<b>Al Drollett Jr.</b>	<b>W1SM</b>	<b>Don Keene</b>	<b>KA1PJX</b>
<b>Bill Hayden</b>	<b>N1FRE</b>	<b>Frank Hayes</b>	<b>N1OGP</b>	<b>Jay Freeman</b>	<b>SWL</b>
<b>Dylan Freeman</b>	<b>SWL</b>	<b>Jim Halpin</b>	<b>KB1ETW</b>	<b>Jim O'Rourke</b>	<b>WG1L</b>

In addition, the 6 area amateur radio operators participating were:

**Bill O'Hara Jr. WA1NYC** of Abington  
**Pi Pugh K1RV** of Abington  
**Mark Duff KB1EKN** of Hingham

**Bill O'Hara N1EY** of Abington  
**Wayne Galvin N1MAG** of Brockton  
**Geri Duff KB1ISG** of Hingham.



**Jeff Tracy N1SOM**



**Bill Tracy N1SON**

**THE 80-METER BASE STATION:** Jeff Tracy N1SOM and his father Bill Tracy N1SON set up the 80-Meter Base Station in their Coachman Motor Home using an ICOM IC-706 Mark IIG transceiver and a G5RV dipole antenna. They were electrically independent as they tested out their own 4000-watt portable generator. The 80-Meter band produced the most number of contacts.



**Jim O'Rourke WG1L**



**Jim WG1L with Solar Panel**

**40-METER CW BASE STATION:** Jim O'Rourke WG1L set up a solar powered 40-Meter CW Base Station using an all band HF vertical "OUTBACKER" antenna. His self-contained slide on truck camper is powered by two 88 amp-hour batteries that were connected in parallel and are charged by a portable solar panel.

**40-METER BASE STATION:** **Dave Gurney WA1YZH** set up a 40-Meter Base Station in his new camping trailer. **Dave WA1YZH** was using his Kenwood TS 690S transceiver that was connected to an 80-Meter dipole.

**Dave WA1YZH** is an experienced camper and reported that his new camping trailer came equipped with an air conditioning that made Field Day 2005 even more enjoyable.



**Dave Gurney WA1YZH**

**10-METER BASE STATION:** **Jim Wolf N1OIU** set up a 10-Meter Base Station in **Dave's WA1YZH** camper trailer. **Jim N1OIU** was using his YAESU FT-890 transceiver that was connected to a dipole antenna.



**Jim Wolf N1OIU**

**Jim N1OIU** also brought his 8000 watt Lincoln welder / generator that provided the emergency power during this Field Day 2005 event. The generator burned about one gallon of gas per hour for the 24 hour period.

**15-METER BASE STATION:** **Roy Logan KB1CYV** set up a 15-Meter Base Station in **Bill's N1FRE** tent, using his ICOM IC-735 transceiver and the Club's Cushcraft R-6 Vertical HF antenna.

**SKYWARN NET:** **Roy KB1CYV** also set up one of the 2-Meter Base Stations using his Radio Shack handheld with an amplifier and conducted the Saturday night SKYWARN NET from the Whitman Club Field Day site. Skywarn reports kept the Field Day 2005 sites informed of weather conditions throughout the weekend.



**Roy Logan KB1CYV**

**20-METER BASE STATION:** **Bill Hayden N1FRE** set up a 20-Meter Base Station in the Club Screen Tent using his ICOM IC-756 transceiver and his all band off center fed HF Windom dipole antenna.



**Jeff Lehmann N1ZZN**  
**at the 20-Meter Base Station**



**Al Drollett Jr. W1SM**  
**at the 20-Meter Base Station**



## ARRL REPRESENTATIVE VISITS THE FIELD DAY SITE



**Geri Duff KB1ISG**  
**Mark Duff KB1EKN**  
**Jim Gilbert W5IRW**



**Jane Gilbert SWL**  
**Pi Pugh K1RV**

**20-METER CW BASE STATION:** **Jim Gilbert W5IRW** set up a 20-Meter CW Base Station using his ICOM IC-756 Pro transceiver and his vertical all band HF "OUTBACKER" antenna that was mounted on a portable base.

**Jim W5IRW** and his wife **Jane** have been touring the country in their Fleetwood Expedition Motor Home and were able to fit Field Day 2005 at the Ames Nowell State Park into their schedule that recently started at the Salton Sea in California, included a stop at the Grand Canyon and a visit with relatives in Kentucky before heading to Massachusetts.

**Mark Duff KB1EKN** – The Amateur Radio Emergency Service (ARES) - Assistant Section Manager for Eastern Massachusetts – visited the Whitman Club Field Day 2005 site with his wife **Geri KB1ISG** and represented the Amateur Radio Relay League (ARRL). Great news – **Mark KB1EKN** was recently promoted to Chief of the Hingham Fire Department.



ARES is a nationwide organization of Radio Amateurs who have registered their qualifications and equipment for public service communication support with their local ARRL - ARES – District Emergency Coordinator. In this area that is **Carl Aveni N1FY** – President of the Massasoit Amateur Radio Club.

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. The use of campers and mobile homes as emergency communication vehicles is becoming more and more popular. The advantage is that they include a several day supply of food, water and fuel. Some even have emergency generators built in. The City of Taunton just dedicated a used ambulance for just this purpose.



**Wayne Galvin N1MAG**



**Darin D'Eramo SWL**  
**Ken Kavaljian KB1KVL**

## FIELD DAY 2005 - HOME STATION

**Paul Burbine N1VTI** decided to operate Field Day 2005 from his home QTH. **Paul N1VTI** was using his YAESU FT-990 Transceiver and his long wire horizontal loop antenna. **Paul N1VTI** reports that he was able to make 276 contacts on 20-Meters, 57 contacts on 80-Meters and 5 contacts on 160-Meters for a total of 329 contacts. **Paul N1VTI** was in the contest mode with his Heil Headphone with hands free mike, a foot pedal operated Push To Talk (PTT) switch and a WR9R computer logging program.



**Paul Burbine N1VTI  
at home on Field Day**

**OTHER FIELD DAY SITE VISITS:** Several Whitman Club members reported that they visited or participated in other Field Day sites. **Jeff Lehmann N1ZZN** visited “Q’s” **W1QWT** Field Day site in Scituate and the MARA Field Day Site in E. Bridgewater while **Ken Kavaljian KB1KVL** and **Jim Kenworthy KB1KFF** visited the Genesis Club at the Plymouth Airport. Participating at the MARA Field Day site were **Loren Pimentel N1IQI**, **Barbara Rice K1MRH** and **Gil Follett W1GMF** along with **Phil McNamara N1XTB** who set up a Solar Powered Base Station and can be seen operating from his “Go Kit - Radios in a Box”. We would have expected nothing less from **Phil N1XTB**.



**Loren Pimentel N1IQI &  
Phil McNamara N1XTB  
at the MARA Field Day Site**



**Barbara Rice K1MRH  
at Joe’s W1JOE  
Kitchen on Wheels**



**Gil W1GMF, Joe W1JOE  
and Barbara K1MRH at  
the MARA Field Day Site**

**Roy Logan KB1CYV** reported on operating at the Massasoit Club Field Day Site where **Joe Serrilla W1JOE** – the MARA Field Day Coordinator and “the wizard of the wok” brought his own “kitchen on wheels” and was practicing his culinary skills to the delight of the participants along with help from **Barbara Rice K1MRH**.

**Carl Aveni N1FY** – President of the Massasoit Amateur Radio Association, reported that the members of the Massasoit Club set up a field communication site at the East Bridgewater YMCA. Using portable gasoline generators, approximately 19 HAMS kept three transmitters on the air at all times during the event, which was treated like a contest, but in reality tests out the group’s ability to set up emergency communications in the field.

In this area the Amateur Radio Emergency Services (ARES) has an agreement to support the communication efforts of the American Red Cross and individual HAMS have volunteered their support to several area City and Town Emergency Management Agencies. If you want to register your qualifications, equipment and availability with ARES, **Carl N1FY**, who is the ARES District Emergency Coordinator for the South Shore, will be more than happy to help you. You can contact **Carl N1FY** at his E-mail address [caave@peoplepc.com](mailto:caave@peoplepc.com) to secure the necessary ARES application forms. The **Bruce N1X** also has copies of the ARES application form.



# 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. 3rd at 6:30 PM  
Whitman Public Library

## CLUB OFFICERS

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

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Editor	Bruce	NIIX
E-mail articles to:	<a href="mailto:niix@arrl.net">niix@arrl.net</a>	

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

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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*

