



SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **The Bruce NI1X** – during the last week in July several members participated in an Amateur Radio Emergency Service (ARES) limited activation by volunteering to help staff the Bridgewater Emergency Operations Center during the week of the Democratic National Convention (DNC) or by checking in to the DNC Limited ARES activation Net from their home stations. This was a great example of Amateur Radio Public Service that involved amateur radio operators working with the local Public Service Agencies.

In August several members attended the ARRL New England Convention / Flea Market held in Boxboro while others stood by that weekend as the remnants of Hurricane Charlie passed by the area. Finally - your help is needed to put **NN1MF** "On-The-Air". **NN1MF** is the new call sign of the Marshfield Fair Special Event station that will be in operation during the last week in August. "**Come on down**" and help staff the amateur radio exhibit booth where we will be explaining this fascinating hobby of amateur radio to the interested public.

BOXBORO 2004 - ARRL CONVENTION AND OUTDOOR FLEA MARKET

<p><u>Jeff Lehmann N1ZZN</u> <u>(The calm before the storm)</u></p>	<p><u>Bob Burns K1RB</u></p>	<p><u>Stu Forman W1SF & Bruce Hayden NI1X</u></p>

As you can see in the picture of **Jeff N1ZZN**, the weather on Saturday was great with blue skies and perfect temperature for the outdoor Flea Market. On Saturday night and Sunday morning the remnants of Hurricane Charlie were felt with some areas receiving about 3 inches of rain in a very short time. This did not stop the indoor exhibit of major manufacturers, major dealers and ARRL staff.

Bob K1RB reports he spent three days at the convention, starting Friday with an Emergency Communication seminar. On Saturday, during the YCCC meetings, **Bob K1RB** received a certificate of Appreciation from the ARRL for years of service as a **W1-QSL** Bureau Pre-Sorter. **Bob Johnson K1VU**, who was not present, will receive his certificate by mail. **The Bruce NI1X** found **Stu W1SF** helping out at the FCC Exam Session where **Stu W1SF** was one of the Volunteer Examiners (V-E's). I am sure I missed other members who were able to attend this great amateur radio happening.

SECRETARY'S NOTES OF THE MEETING OF August 4, 2004 de KB1CYV

OPENING: The members started gathering at the Whitman Public Library, Whitman, MA around 6:15 P.M. Vice President **Bill N1FRE** opened the meeting at 6:45P.M. with a roll call.

ATTENDANCE: Sixteen members / guests were present, including three elected officers. A quorum was present.

KB1CYV Roy Logan
K1BZD Walt Dolson
KC1FZ George Davis
K1XRB Peter George
N1FRV Mike Marinucci
N1OGP Frank Hayes

K1RB Bob Burns
N1VQZ Charlet Sherman
KB1KVL Ken Kavaljian
WQ1L John Coombs
N1FRE Bill Hayden

N1WWI Chris Tilden
W1SM Al Drollett
N1PXX Ron Smith
KB1KFF Jim Kenworthy
N1SOM Jeff Tracy

TREASURER'S REPORT: The treasurer's report was read by **Jeff N1SOM**. **Jim KB1KFF** made a motion seconded by **Peter K1XRB** that the Treasurer's report be accepted as read. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Mike N1FRV**, seconded by **Jim KB1KFF**, that the secretary's report be accepted as published in the July Newsletter. The motion was approved.

OLD BUSINESS: **Jeff N1SOM** reported Field Day results as 257 QSOs for a score of 514 plus 600 bonus points. Public service activities included net controls at the Bridgewater EOC for the Democratic National Convention, Community Emergency Response Team (CERT) members responded to a major gas leak in Whitman and other club members helped provided communications along the route of the Middleborough YMCA Triathlon.

NEW BUSINESS: **Bob K1RB** outlined the goals for the amateur radio booth at the Marshfield Fair - to be held August 20-29. The booth is in a location which should stimulate interest by the public. Operators are needed throughout the fair's run. Hardly seems possible, but the Fall Flea Market is right around the corner on Labor Day weekend. Donate your unused treasures to the club table.

TECHNICAL TOPICS: **George KC1FZ** showed Anderson connectors that he had made. ARES recommends these for consistency. Additional information can be found at <http://powerwerx.com>.

NET CONTROLS: **8/1 Walt K1BZD** **8/8 Jim KB1KFF** **8/15 Bill N1FRE**
 8/22 Roy KB1CYV **8/29 Jeff N1SOM**

ADJOURNMENT: A motion to adjourn was made by **Chris N1WWI** seconded by **Bob K1RB** and Vice President **Bill N1FRE** closed the meeting at 7:35P.M.

WHITMAN AMATEUR RADIO PUBLIC SERVICE NET (WARPSN)

Walter Dolson K1BZD is our traffic manager and has been instrumental in teaching NET Control and traffic handling to the members of the Whitman Amateur Radio Club by promoting the **WARPSN**. This NET meets every Sunday morning at 8:30 A.M. on the Whitman REPEATER 147.225 MHz. Come join in and share your amateur radio related activities with the other area HAMS and short-wave listeners as well. In July we had four sessions with an average of 10 area HAMS checking in each week and



11 messages were sent.

Walter Dolson K1BZD

AMATEUR RADIO EMERGENCY SERVICE (ARES) VOLUNTEERS PROVIDE EMERGENCY COMMUNICATION SUPPORT DURING THE DEMOCRATIC NATIONAL CONVENTION

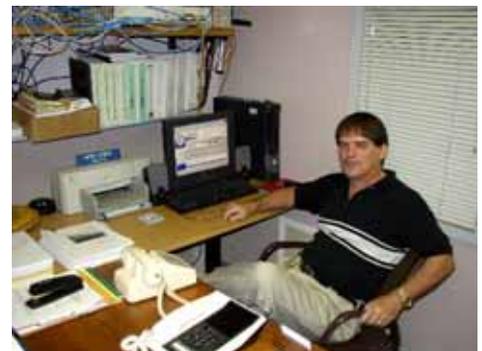
The Eastern Massachusetts Section of the Amateur Radio Emergency Service (ARES) was requested to provide amateur radio emergency communication support for the Red Cross Chapters in Boston and Waltham during the week of the Democratic National Convention. ARES amateur radio operators (HAMs) were also on standby to provide emergency communication if needed for the Salvation Army and the Massachusetts Emergency Management Agency (MEMA).



Phil MacNamara N1XTB & Carl Aveni N1FY

Local HAM **Carl Aveni N1FY** of Brockton – President of the Massasoit Amateur Radio Association and the Amateur Radio Emergency Service District Emergency Coordinator (ARES-DEC) for Plymouth County – was asked to set up a Net Control Command Center and coordinate the Net Control activities at the Bridgewater Emergency Operations Center (EOC) with additional amateur radio operators stationed at Red Cross Boston and Red Cross Waltham. **Carl N1FY** made himself available to coordinate and supervised the volunteer crew at the Bridgewater EOC from 8 am until midnight – Monday thru Thursday - and from 8 am thru closing on Friday afternoon. If you had questions – **Carl N1FY** had the answers.

Carl N1FY reported that we have **Herb Lemon KC1ZW** – the Bridgewater Emergency Management Agency Director and member of the Town of Bridgewater Board of Selectman, to thank for his support in allowing the ARES team to utilize the fully equipped Town of Bridgewater Emergency Operations Center.



Herb Lemon KC1ZW

Assisting **Carl Aveni N1FY** cover this three shift operation were **Gil Follett W1GMF** of Abington, **Phil MacNamara N1XTB** of Middleboro, **John Mahon N1PYM** of Brockton, **Allan Cox Jr. K1VQ** of Mansfield, **Mark Loring KC1ML** of Plymouth and Whitman Club members **Bruce Hayden N1IX**, **Bob Burns K1RB**, **Jeff Lehmann N1ZZN**, **George Davis KC1FZ** and **Roy Logan KB1CYV**.



George Davis KC1FZ & Bob Burns K1RB



Gil Follett W1GMF & Roy Logan KB1CYV



Allan Cox K1VQ & Jeff Lehmann N1ZZN

Allan K1VQ volunteered his services at both Red Cross Waltham and the Bridgewater EOC. **Gil W1GMF** spent many hours manning the PACKET Radio and Echo Link. **Phil N1XTB** found time to investigate and evaluate the condition the several battery backup systems and started to convert all rigs to the interchangeable Anderson Power Pole connectors.

Over the week we found equipment that worked well and other equipment that required repair or needed to be upgraded. In addition, with the large number of people involved there were security procedures tested to authenticate messages and operators – a very interesting procedure.

Other amateur radio operators were heard accessing the New England NET via Echolink utilizing only their home computers. A New England NET roll call was conducted every other hour so as not to conflict with the Bridgewater Emergency Operation Center 2 meter roll call.

Along with monitoring about 10 individual frequencies with a combination of handheld, mobile and Base Station transceivers, the crew also monitored the TV coverage of the Democratic National Convention along with the Boston Police frequency and other Boston Emergency Services.

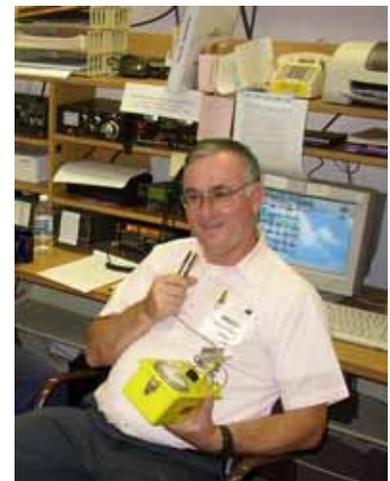
Mark Loring KC1ML shows us just how close his home station is to the Plymouth Nuclear Power Plant, which is located at the center of the red wind direction arrow. **Mark KC1ML** was asked to stand by as a home station and take over as SKYWARN Net Control during the week of the Democratic National Convention while the regular SKYWARN Net Control operators were busy at the Bridgewater EOC.



Mark Loring KC1ML



**Gil Follett W1GMF, John Mahon N1PYM & Mike Neilson W1MPN
Carl Aveni N1FY, Bruce Hayden NI1X & Rob Macedo KD1CY**



Mark Duff KB1EKN

(Has **Mark KB1EKN** used that rig before??)

The Amateur Radio Emergency Services (ARES) leadership spent considerable time at the Bridgewater Emergency Operations Center as part of their rounds that included the Boston and Waltham Red Cross headquarters and the City of Boston Emergency Operations Center. Visiting the Bridgewater Emergency Operations Center were **Mike Neilson W1MPN** of Hudson – the ARES Eastern Massachusetts (EMA) Section Emergency Coordinator (SEC), **Rob Macedo KD1CY** of New Bedford - the ARES EMA Deputy Section Emergency Coordinator and SKYWARN Coordinator along with **Mark Duff KB1EKN** of Hingham - the ARES Metro Boston District Emergency Coordinator. They reported that this volunteer effort, which stretched over a five day period, was greatly appreciated and has made us ready for the real thing, be it a future hurricane or local emergency.

Carl N1FY had challenged his emergency response team volunteers to treat this experience as an opportunity to further develop their emergency communication skills through on the air practice as Net Control and by originating and sending agency status messages by amateur radio using voice over amateur radio transceivers, packet radio (using computer & radio) and Echolink (using computers and the internet).

Carl N1FY also reported that more importantly we demonstrated our ability to work with a number of Public Service Agencies that included the Red Cross, the Salvation Army, the Military Affiliated Radio Service (MARS), the Massachusetts Emergency Management Agency (MEMA) and various Emergency Operations Centers (EOC's) in Eastern Massachusetts by conducting a Net roll call up every two hours and utilizing proper Net management procedures including going off frequency to pass traffic and developing a working relationship that will hopefully go far beyond this singular event. This call up also included numerous individual home support stations. If something had happened, this support would have been expanded to include good old-fashioned point to point communication between designated Red Cross Evacuation Shelters, vehicles going to and from the shelters and the Red Cross Chapter houses.

COMMUNITY EMERGENCY RESPONSE TEAM (CERT)

In July, **Bill Hayden N1FRE** and **Bob Burns K1RB** completed CERT training with the Town of Whitman. This brings to four the number of Whitman Club members that have completed CERT training and have volunteered to assist their local City or Town Emergency Management Agency by providing communication support or carrying out other assignments as requested.

Bill N1FRE reports that the Whitman CERT team mobilized in August to provide assistance at a major gas leak in town that lasted 4 – ½ hours, required an evacuation of the immediate area and rendered the primary evacuation shelter unusable because of it's close proximity to the gas leak. **Bob K1RB** reports that the follow-up incident evaluation session that he attended with **Bill N1FRE** was very valuable with lessons learned and will help define and integrate the rolls of CERT team and amateur radio volunteers in future incidents. Amateur Radio – always ready to lend a helping hand.



MARSHFIELD FAIR SPECIAL EVENT / AMATEUR RADIO EXHIBIT

During the last week in August several members of the Whitman Amateur Radio Club have volunteered to help **Bob Burns K1RB** staff the Marshfield Fair Special Event / Amateur Radio Exhibit. Members of the Massasoit and USS Salem Amateur Radio Clubs have also been asked by **Bob K1RB** for help in staffing the exhibit. The Special Event will use the call sign **NN1MF** and **Bob K1RB** will be the QSL manager.

Bruce Hayden NI1X will coordinate the morning shift and **Bill Hayden N1FRE** will coordinate the afternoon shift. **Bob K1RB** reports that **Pi Pugh K1RV** of the USS Salem Radio Club will coordinate the evening shift. They will be the Control Operators. This exhibit will start on Friday August 20 and last thru Sunday August 29, 2004. We will monitor the Whitman Repeater 147.225



MHz as a talk in frequency. **Your help is needed - Bill N1FRE** is the

WHITMAN AMATEUR RADIO CLUB, INC.

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

Whitman Club phone 781-447-1655 to schedule a time slot

Post Office Box 48
Pine Street
Whitman, MA 02382

Telephone: (781) 447-1655
ARRL Club #0082
Club Call Sign: WAINPO



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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. 1st at 6:30 PM
Whitman Public Library

CLUB OFFICERS

President	Bruce	N1IX
V. President	Bill	N1FRE
Secretary	Roy	KB1CYV
Treasurer	Jeff	N1SOM
Director	Jim	W5IRW
Director	Steve	W1WSN
Director	George	KC1FZ
Director	Chris	N1WWI

Editor	Bruce	N1IX
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E-mail articles to: ni1x@arrl.net

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

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*



