



# SPECTRUM



The Voice of the Humble Electron

Founded 1962

**PRESIDENT'S MESSAGE:** This is **John KB1SVY** – Field Day 2013 was a great success with 43 Whitman Club members and 12 area HAMS mobilizing at the YMCA property in East Bridgewater, MA. on June 22<sup>nd</sup> and 23, 2013. See Field Day 2013 Special Issue newsletter.

Congratulations to **Mark Vess KC1ACF** who passed his Technician class license in June. Congratulations to **Blake Haskell K1BTH**, one of **Charlie Amico's W1CBR** current students, who upgraded to General Class in July.

**PROVIDING A PUBLIC SERVICE:** **John O'Neill K1JRO** reported that 11 members of the South Shore Hospital Amateur Radio Club (SSHARC) helped provide communication support for the South Shore Hospital sponsored Set the Pace Road Race for the Cardiovascular Care Unit held at the Wompatuck State Park on Saturday, June 15, 2013.



**John Duprey**  
**KB1SVY**

**Bruce Hayden NI1X** reported 9 Whitman Club members attending the SKYWARN Training Class held in Whitman on June 12, 2013 and at least 5 more attended the SKYWARN Training session held in Taunton on June 17, 2013.

**Barry Kennedy N1EZH** reports that there were 7 Whitman Club members participating in the first Monday of the month MEMA Communication Test. **Barry Kennedy N1EZH** also reported that he had attended canopy setup training with the Taunton Emergency Management Agency in June.

**Carl Aveni N1FY** reports that 6 area HAMS helped the Massasoit Club provide communication support for the Middleboro YMCA Triathlon held on Sunday, July 7, 2013

**HAVING FUN:** **Bruce Hayden NI1X** volunteered to be the Fox on Saturday, July 6, 2103 and reported 8 Fox Hunters participating.

**Jeff Ayres WK1D, Billy Robinson K1UFO, Bob Azanow KA1KIJ** and **Jim Wolf N1JCW** helped assemble World Radiosport Team Championship 2014 stations in Miles Standish State Forest for this summer site's evaluation testing. **Jeremy Breef-Pilz KB1REQ** was at the Mansfield Airport site.

**Tom Wilson W1ICU** and **Bob Machese K1NOK** helped install **Karen's N1VI** long wire antenna high in the trees with a modified spud gun launcher

**Ross Hochstrasser W1EKG** and **Billy Robinson K1UFO** attended the June Flea at MIT. **Paul Moss KB1MTW** volunteered at the National Scout Jamboree in West Virginia.

**MARSHFIELD FAIR:** The next Whitman Club activity is the Marshfield Fair Amateur Radio Exhibit Booth and Special Event Station **NN1MF**. Volunteers are needed to fill 4 - ½ hour afternoon or evening shifts between Friday, August 16<sup>th</sup> and Sunday, August 25<sup>th</sup>. Contact **Charlie W1CBR** or **Bill N1FRE** to sign up.

**73 From: John Duprey KB1SVY**

## SECRETARY'S NOTES OF THE MEETING OF July 10, 2013 de W1CBR

**OPENING:** The meeting was called to order at 7:00 p.m. by Treasurer **Jeff Tracy N1SOM** at the Knights of Columbus Hall in Whitman, MA.

**ATTENDANCE:** 42 members / guests were present, including two elected Officers and 3 Directors. A quorum was present.

**(Photo by Jeff WK1D)**

<b>N1SOM</b>	<b>Jeff Tracy</b>
<b>KB1CYV</b>	<b>Roy Logan</b>
<b>N1VTI</b>	<b>Paul Burbine</b>
<b>W1MSP</b>	<b>Mike Petrou</b>
<b>WK1D</b>	<b>Jeff Ayres</b>
<b>N1IQI</b>	<b>Loren Pimentel</b>
<b>W1JT</b>	<b>Jim Tovet</b>
<b>KB1IKH</b>	<b>Elaine Tovet</b>
<b>KB1REQ</b>	<b>Jeremy Breef-Pilz</b>
<b>W1EKG</b>	<b>Ross Hochstrasser</b>
<b>AG1B</b>	<b>Richard Metcalf</b>
<b>NI1X</b>	<b>Bruce Hayden</b>
<b>W1AY</b>	<b>Brad Wilson</b>
<b>K1UFO</b>	<b>Billy Robinson</b>
<b>N1ZZN</b>	<b>Jeff Lehmann</b>
<b>KB1OEQ</b>	<b>Ron Stundze</b>
<b>WA1YKF</b>	<b>Warren Dickie</b>
<b>KB1ZJW</b>	<b>Bill Hart</b>
<b>KA1DON</b>	<b>Don Cahill</b>
<b>N1BMT</b>	<b>Rob Tricomi</b>
<b>N1VI</b>	<b>Karen Trask</b>
<b>KB1OAW</b>	<b>Greg Noyes</b>
<b>KB1VGN</b>	<b>Stan Rydell</b>
<b>W1JGR</b>	<b>John Ruppel</b>
<b>KA1CQD</b>	<b>Fred Sanford (Guest)</b>



**Charlie Amico**  
**W1CBR Secretary**

**Jeff Tracy**  
**N1SOM Treasurer**

<b>N1FRE</b>	<b>Bill Hayden</b>
<b>KB1MOC</b>	<b>Kevin Dikes</b>
<b>KC1ACG</b>	<b>Fred Birtwell</b>
<b>KB1LOO</b>	<b>Chris Babbitt</b>
<b>WA1ZKK</b>	<b>Al Craddock</b>
<b>KB1OAY</b>	<b>Daniel Noyes</b>
<b>K1WGU</b>	<b>Bob Bass</b>
<b>KB1PFL</b>	<b>Jim Madden</b>
<b>WA1IMD</b>	<b>Fred Krause (guest)</b>

<b>W1CBR</b>	<b>Charlie Amico</b>
<b>N1JCW</b>	<b>Jim Wolf</b>
<b>KC1ACF</b>	<b>Mark Vess</b>
<b>KA1KIJ</b>	<b>Bob Azanow</b>
<b>W1AXB</b>	<b>Matt Paine</b>
<b>KA1JBE</b>	<b>Joe Casieri</b>
<b>N1OYH</b>	<b>Carl Davis</b>
<b>KA1BBU</b>	<b>Bob Egles (Guest)</b>

**TREASURER'S REPORT:** The treasurer's report for June was read by **Jeff N1SOM**. A motion was made and seconded that the treasurer's report be accepted as read. The motion was approved.

**SECRETARY'S REPORT:** A motion was made and seconded that the June secretary's report be accepted as published in the newsletter. The motion was approved.

**HEALTH & WELFARE:** **Elayne Tovet KB1IKH** reported that 3 get-well cards were sent out this month. They went to **Jim Tynan KC1JET**, **Jim Wolf N1JCW** and **Charlie Amico W1CBR**.

**OLD BUSINESS:** A letter of Thank You will be prepared by **Charlie W1CBR** and a check in the amount of \$200.00 will be written by **Jeff N1SOM** for the E. Bridgewater YMCA and then hand delivered.

**Bill N1FRE** said all the wooden chairs except for about 4 sets are now gone from the Club house. The rest will be placed by the gate with a free sign on them in hopes someone will take them.

**Bruce NI1X** stated that a couple of QSL cards were sent out for Field Day. **Paul N1VTI** asked about number of contacts by Band. It was posted in the Field Day newsletter.

## SECRETARY'S NOTES OF THE MEETING OF Jul. 10<sup>th</sup> Cont: de W1CBB

**NEW BUSINESS:** Four new member applications were presented and approved by the general membership, they are as follows. **Robert Tricomi N1BMT**, **Chris Babbitt KB1LOO**, **Fred Birtwell KC1ACG**, and **Steve Wallace N1KTU**.

**Bill N1FRE** and **Charlie W1CBB** passed around a sign-up sheet for Marshfield Fair Shifts. We will need a minimum of two people per shift. **Jeff N1ZZN** will put the sign-up sheet on the Club web site.

We need 90 people to sign-up. **Charlie W1CBB** has asked for ideas as well as pictures of Club activities and past slide shows for the flat screen monitor. Any and all pictures will be of great help

This year we will be moving the radios outside the building so that fair goers will not only see us operating but will also hear us. Remember we are there to promote HAM Radio and not always making contacts.

Anyone who has things they would like to carry out to draw attention to the area are more than welcome, even if it doesn't work all the better because people like to touch stuff and things get broken!

The Club now has a Goggle phone number and **Jeff N1ZZN** says it is a good tool for the Club.

**Bruce N1X** reported **John Miller N1UMJ** needs help with some guy wires, **Mark Vess KC1ACF** said he would help.

**NET CONTROL:** 7/14- **Jeff Tracy N1SOM** 7/21 **Ross W1EKG** from Cranland Airport  
7/28- **Steve Laroe K1AWB** 8/4- **Bill Hayden N1FRE**

**CLOSE:** A motion was made and seconded that the business meeting be closed at 7:45 p.m. After the business meeting, **Paul Burbine N1VTI** brought a working packet station for all to see and **Warren Dickie WA1YKF** showed the members his antique strobe light and antique voltmeter being donated to the Museum of Antiquated Technology.

Next meeting is 8/7/13 at 7:00 PM in the K of C in Whitman

The auction of the YAESU FT-101-ZD transceiver, scheduled for the July meeting, was put off until the August meeting.

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### TECHNICAL TOPICS

#### PORTABLE PACKET -- GO KIT

**Paul Burbine N1VTI** brought in and set up his portable packet radio "Go Kit" using a magnetic mounted antenna mounted on a plate on the table. **Paul N1VTI** fired it up and connected to his home station for a demonstration.

Packet messages are being proposed for use with the Hospital and Red Cross Shelter messages because they are somewhat secure from a privacy point of view.



**Paul Burbine N1VTI**  
**demonstrating packet radio**

## TECHNICAL TOPICS -- ANTIQUATED EQUIPMENT

Warren Dickie WA1YKF brought in some antiquated equipment that he was donating to Mark Vess KC1ACF for his Museum of Antiquated Technology.



One was The General Radio Strobotac (1959) strobe light that was set up to stop the action of a rotating fan blade.

Warren WA1YKF reports: "The strobe light flashes a neon lamp (strobotron) that is precisely timed and you can vary the rate of the flashes - faster or slower - until the flashes are synchronized with the speed of a rotating object - like the fan blade - and then the rotating object - the fan blade in this case - appears to be stopped. When a "frozen" image is seen - the flash and rotation are equal and the RPM can be read on the analog dial directly. This synchronization will also happen on harmonics and sub harmonics and are not as bright as the fundamental".



Warren WA1YKF also reports: "The other item was a voltmeter that has an old style odometer readout, counts fast, and sounds like solenoids. There is a shaft that connects a resolver to a syncro (motor) and a mechanical readout. The voltmeter amplifies the input signal and unbalances a coil in the resolver. The Syncro motor spins the shaft balancing the signal in the resolver and incrementing the counter, stopping on a reading when balance is achieved. It is surprisingly accurate after 48 years".

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### MARSHFIELD FAIR AMATEUR RADIO EXHIBIT BOOTH

#### AND SPECIAL EVENT STATION NN1MF - August 16<sup>th</sup> thru 25<sup>th</sup> 2013

Get on the schedule <> Free passes are available, (a pass w/ free inside parking) to anyone willing to spend a 4hr. shift helping out at the booth. We can always use help setting up, Thursday 8/15 @ 10:00 a.m. and breaking down on Monday 8/26 @ 09:00 a.m..

Check out the schedule as posted on the Whitman Club Web page. See [www.wa1npo.org](http://www.wa1npo.org) and let Bill Hayden N1FRE at E-Mail [wf.hayden@verizon.net](mailto:wf.hayden@verizon.net) or Charlie Amico W1CBR at E-Mail [sfccamico@gmail.com](mailto:sfccamico@gmail.com) know of your availability.

## NEW MEMBERS



Fred Birtwell  
KC1ACG



Rob Tricomi  
N1BMT



Chris Babbitt  
KB1LOO



Steve Wallace Jr. N1KTU  
Charlie W1CBR

**Fred Birtwell KC1ACG** lives in Whitman and received his Technician Class license in June. **Fred KC1ACG** has an ICOM IC-W32A handheld and can be heard on the Whitman REPEATER.

**Rob Tricomi N1BMT** lives in E. Bridgewater with his wife **Bernadette**. **Rob N1BMT** passed his Technician in November 2012 and his General Class license in January 2013.

**Chris Babbitt KB1LOO** lives in Plymouth and has been licensed for about 9 years. **Chris KB1LOO** has been heard on the Whitman REPEATER talking with **Jim N1JCW** and **Barry N1EZH** during their morning commute and took up their invitation to join us at Field Day 2013.

**Steve Wallace Jr. N1KTU** lives in Braintree and is in **Charlie's W1CBR** General upgrade Class.

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## ANTENNA PARTY

**Bob Marchese K1NOK** says: "So, **Tom W1ICU** seeing as you are a friend and all. I wonder if I could just borrow your antenna launcher to fix **Karen's N1VI** wire. It will only take an hour or so."

After many many perfects shots with multiple line breaks and equipment failures and in the humidity and ninety degrees, then it starts to shower.

"We almost had it and then came the downpour. It is not that bad. It was not supposed to rain till later."

We were getting pretty wet. Might as well keep going. It has been THREE hours. I know I am retired but how long do you think I have."



Bob Marchese  
K1NOK

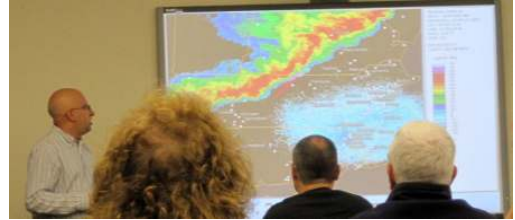
Tom Wilson  
W1ICU

**Tom W1ICU** says: "Aw , Come on, Last time I was here at least I got lunch. This time **Bob K1NOK** gave me two bucks and told me to go home"

Remember: An antenna that goes up in good weather will never work right. This ONE better work GREAT. HAMS are always ready to lend a helping hand.

## SKYWARN TRAINING CLASS -- JUNE 12, 2013 -- IN WHITMAN

Rob Macedo KD1CY gave a very interesting and informative SKYWARN Training class on June 12, 2013 in Whitman. He was assisted by Carl Aveni N1FY.



**Rob Macedo KD1CY**  
**SKYWARN Trainer**

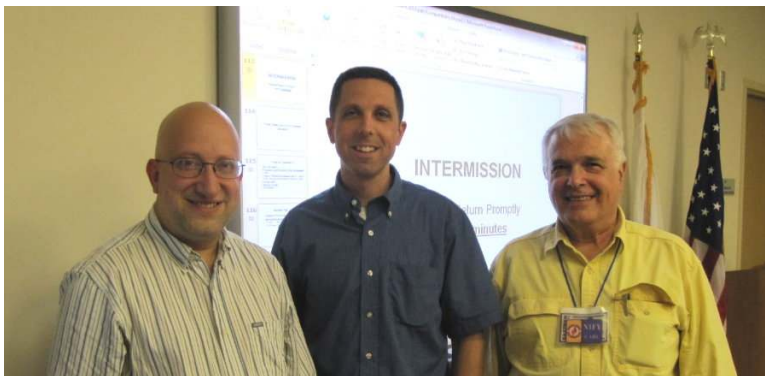
A special thanks to Josh MacNeil KB1ODT, who had contacted Rob Macedo KD1CY and made arrangements to hold a SKYWARN Training class in Whitman at the Whitman Police station conference room on June 12, 2013. There were 44 people in attendance and included at least 14 amateur radio operators. They included the following HAMS.

<b>NI1X</b>	<b>Bruce Hayden</b>	<b>WA1UMT</b>	<b>Dave Darois</b>	<b>WK1D</b>	<b>Jeff Ayres</b>
<b>K1JRO</b>	<b>John O'Neill</b>	<b>KC1JET</b>	<b>Jim Tynan</b>	<b>K1RV</b>	<b>Pi Pugh</b>
<b>K1UFO</b>	<b>Billy Robinson</b>	<b>W1JGR</b>	<b>John Ruppel</b>	<b>SWL</b>	<b>Fred Birtwell</b>
<b>N1FRE</b>	<b>Bill Hayden</b>	<b>KB1ODT</b>	<b>Josh MacNeil</b>	<b>N1FY</b>	<b>Carl Aveni</b>
<b>KD1CY</b>	<b>Rob Macedo</b>	<b>KB1MTW</b>	<b>Paul Moss</b>		

(Photo by Jeff WK1D, Jim KC1JET and Pi K1RV)



**The SKYWARN Training class was well attended with 14 area HAMS**  
**and about 30 Whitman area residents**



**Rob Macedo KD1CY – SKYWARN Trainer**  
**Josh MacNeil KB1ODT - Host facilitator**  
**Carl Aveni N1FY – Assisting Rob KD1CY**



**Jim Tynan KC1JET**  
**double rainbow**  
**just before class**

Attending the SKYWARN Training session held in Taunton on June 17, 2013 were Barry Kennedy N1EZH, Mike Patrou W1MSP, Richard Metcalf AG1B, Neal Harrington KB1LXL and Charlie Amico W1CBB.

**A GUIDE FOR REPORTING SEVERE WEATHER**  
**TO NATIONAL WEATHER SERVICE (NWS) - TAUNTON, MA.**

In this area, we check in with the SKYWARN Net, conducted on the Bridgewater REPEATER 147.180 MHz PL 67, and pass our reports to the Net Control Operator, who is usually **Jeff Lehmann N1ZZN** or **Phil McNamara N1XTB**. Our reports are picked up from Net Control by **Rob Macedo KD1CY**, **Carl Aveni N1FY** or sometimes **Jeremy Breef-Pilz KB1REQ** who are usually at the National Weather Service – Taunton office and who are monitoring all the local REPEATERS for reports.



For additional training - there is a SKYWARN Net held every Saturday night at 8 P m. on the Bridgewater REPEATER. In giving your reports It is important to **briefly** describe **WHAT** you observe, **WHEN** and **WHERE** you observed it.

Everyone attending the SKYWARN Training presentation received a list of guidelines for reporting SEVERE weather to the National Weather Service (NWS) Taunton office. The guide said:

**“Please call the National Weather Service whenever you observe the following:”**

**Tornadoes or Funnel Clouds:** (be very wary of look-alikes, watch for rotation)

**Wall Clouds:** Especially if they persist and / or are rotating.

**Hail**

Be specific with regards to size

Report in inches, or parts of an inch

**DO NOT** report MARBLE size (because marbles come in different sizes).

**Winds**

40 mph or greater, specify wether this is estimated or measured.

Large (**4” diameter** or more) branches downed by wind (give diameter of branch).

Trees / power lines brought down by winds

Structural damage to buildings (roof, windows, etc.)

**Rainfall**

1 inch or more in 1 hour or less (**NOT** a 1” per hour rate)

2 inches or more as a storm total,

**Flooding**

Street Flooding – **1 foot depth** across **all** of the road, or road closed.

Streams / Rivers – when leaving or about to leave their banks.

**Winter Weather**

¼ inch of radial ice accretion (from center outward, not from side to side).

Precipitation type changes (rain to sleet, snow to freezing rain, etc.).

Report any snow / sleet freezing rain if it is not in the NWS forecast.

**New Snowfall**

First 2 inches, then every 2-3 inches thereafter if possible.

Snowfall rate is at least 1 inch per hour

**MOST IMPORTANT** give Final Storm Total

## SOUTH SHORE HOSPITAL ROAD RACE -- JUNE 15, 2013

### WOMPATUCK STATE PARK IN HINGHAM

**John O'Neill K1JRO** reported that the South Shore Hospital Amateur Radio Club volunteered to provide communication support for the fourth Annual South Shore Hospital sponsored Set the Pace Road Race for the Cardiovascular Care Unit held at Wompatuck State Park in Hingham on Saturday, June 15, 2013.

(Photo by Jeff WK1D)



**John Barbuto KS1Q – bicycle mobile**

**Loren Pimentel N1IQI**

**Don Mikes AA1V**

**Paul Moss KB1MTW**

**Stan Rydell KB1VGN**

**Paul Burbine N1VTI – motorcycle mobile**

**John O'Neill K1JRO**

**Karen Trask N1VI**

**Bill Wormald KB1VXL**

**Jay Tarantino W1UD**

**Jeff Ayres WK1D**

**John K1JRO** reported a larger crowd than last year. This year a total of about 316 runners / walkers participated. The weather was perfect and everyone had a great time. “This is a great way not only to provide a public service; it’s also the ideal opportunity to make sure that you and your equipment work well together in the event of an emergency. Thanks to the generosity of **Karl Johnson NS1N**, the Norwell 145.390 repeater owner, we had excellent radio coverage along the entire course”.

**John K1JRO** set up Net Control at the parks Visitor Center which was used for runner / walker registration and as a staging area for the 2 ambulances. **John K1JRO** states “It’s great that we had volunteers on bicycles and even a motorcycle. It just goes to prove that no matter what the obstacle or challenge HAMs are resourceful and creative enough to meet it. We once again had a great group of volunteers that make the task at hand “a walk in the park”. South Shore Hospital and I thank those who gave a few hours out of their day to help with this event.” Together the runners raised \$10,000.00 for an elliptical machine for the Cardiac Rehabilitation Center.

**Jeff WK1D** says: “The weather was perfect for the race, I can say that I had a great time, and am actually starting to learn my way around Wompatuck better with every trip down there. It was great working with all the good HAMs that turned out for the race”



## FOX HUNT OF SATURDAY, JULY 6, 2013 By: "The Bruce" NI1X

Bruce Hayden NI1X volunteered to be the Fox on Saturday, July 6, 2013 and was hiding in the parking lot behind the Middleboro Council on Aging, located off Plymouth Street in Middleboro.



Fred Sanford  
KA1CQD

Ron Stundze  
KB1OEQ  
with Sly the Fox

Roy Logan  
KB1CYV

Kevin Dykes  
KB1MOC

Richard Metcalf AG1B

John Chase KB1ODS

Bruce Hayden NI1X  
(the fox for the day)



First place goes to **Richard Metcalf AG1B** in 19 minutes. **Richard AG1B** reports that he started 1/3 mile away at the Church on Rt. 105 near Rt. 44 and got a false reading 90 degrees off - that sent him north.

Second place goes to **Fred Sanford KA1CQD** in a time of 21 minutes. **Fred KA1CQD** reported that he came in on Rt. 105 from Halifax and drove by the Fox's Den twice before zeroing in on the Council on Aging.

Third place goes to the team of **Kevin Dykes KB1MOC** and his friend **Bob Brown SWL** in a time of 49 minutes. **Kevin KB1MOC** reported that he started at Trucchi's Plaza on Rt. 28 and got a wrong direction sending them south. After the Fox described the large number of blue bird - bird houses that were all around the Fox's den - **Kevin KB1MOC** said that he remembered that they had similar blue bird - bird houses at the Senior housing in Hanson and so they decided to head towards the Council on Aging in Middleboro..

Fourth place goes to the team of **Roy Logan KB1CYV** and **Ron Stundze KB1OEQ** in a time of 56 minutes. **Roy KB1CYV** reported that they started at the North Fire Station in Middleboro and also got a false reading sending them south to the Ocean Spray Cranberry facilities. They next reported strong readings on a paper clip at Oliver Mills Park off Rt. 44.

Making the top teams possible was **John Chase KB1ODS** who started 1 hour late, and misinterpreted one clue that sent him to the south - west part of Middleboro where he lost the signal completely. The Fox had started at 25 watts and dropped to 10 watts and then 5 watts before going to 1/2 watt.

## MIDDLEBORO YMCA CAMP YOMECHAS -- TRIATHLON -- July 7, 2013

The Massasoit Amateur Radio Association volunteered to provide communication support for the Middleboro YMCA Triathlon held on Sunday, July 7, 2013. **Carl Aveni N1FY** had put out an open invitation for area HAMS to participate. Members of both the Massasoit Club and the Whitman Amateur Radio Club responded. The weather was clear, sunny and hot with the temperature over 90 degrees by the end of the Triathlon.

The Triathlon involved a 1 mile swim in Lake Tispaquin, a 24 mile bike race (four loops around the race course), and a 6 mile run. Some teams split up the swimming, biking and running.

The Triathlon started in waves with the elite participants entering the water at about 8 a.m. and the lead runner finishing in a little over 2 hours. The slower but determined participants took between 4 and 5 hours to finish.

The race started at 8:00 a.m. and because the start area is so crowded, the Radio Team met at 7:00 a.m. at the Dunkin Donuts. Rt. 105 and 28. to get assignments.

**Carl N1FY** set up Net Control at the Start / Finish line and all the other Radio Team members were located at various intersections around the 6 mile course.

**Carl N1FY** reports: "I don't have the exact numbers but race officials stated they were down probably because it was the 4th of July weekend plus it was so hot. No major incidents happened; just a few blisters and scrapes. Part way through the race, we were alerted by National Weather of potential severe thunderstorms arriving as early as 1:00 p.m."



**Pete Curley**  
**N1NVV**

**Carl Aveni**  
**N1FY**

**Bob Keene**  
**N1LCY**



**Roy Logan**  
**KB1CYV**

**Kevin Dykes**  
**KB1MOC**

**Walter Fitzgerald**  
**W1WCF**

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## NEXT V-E EXAM -- SATURDAY, August 11, 2013 -- IN BRAINTREE

**V-E Exams** are held the 2<sup>nd</sup> Saturday of every month, in Braintree. Contact **Bill Needham, K1WN**, at 781-843-4400 or via email at [k1wn@aol.com](mailto:k1wn@aol.com) Walk-ins are no longer permitted. They will be hosting V-E exams at 8:45 a.m. at the Watson Building located at 85 Quincy Ave. in Braintree. If you know of anyone planning to take an exam, please have them drop a note to **Bill** - [k1wn@aol.com](mailto:k1wn@aol.com) to confirm a reservation.

**Bill K1WN** sent this: "I found this statement on QRZ.COM page of an English HAM. How true it is".

***ITS NOT THE CLASS OF LICENSE THAT A AMATEUR HOLDS,  
BUT THE CLASS OF AMATEUR THAT HOLDS THE LICENSE.***

# MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY (MEMA)

## FIRST MONDAY OF THE MONTH COMMUNICATION TEST

The Massachusetts Emergency Management Agency (MEMA) conducts a communication test of amateur radio equipment with the local cities and towns on the first Monday of the month.

In this area - a roll call of towns in Plymouth County was made at 8 p.m. on the Norwell 145.390 MHz REPEATER PL 67 by **Rick Emord KB1TEE**, one of the MEMA Region II Net Control operators. A SIMPLEX test was conducted to simulate REPEATERS being out of service during a storm.

Left to Right:

**Mike Leger N1YLQ**  
(MEMA Radio Officer)

**Jessica Miller KB1ZWZ**

**Rick Paradise SWL**

**Rick Emord KB1TEE**

**Steve Lempke WA1MZL**

**John Miller N1UMJ**

(Photo by **Doug Forbes Jr. SWL**)  
(MEMA Region II Local Coordinator)



### MEMA Volunteers at the Bunker

**Barry Kennedy N1EZH** reports that he represented the City of Taunton from his home station.

**Barry N1EZH** also reports that he heard Whitman Club members **Kevin Dykes KB1MOC** and **Jeff Lehmann N1ZZN** at the Hanson Emergency Operations Center (EOC), **Paul Moss KB1MTW** and **Bill Hayden N1FRE** at the Whitman Auxiliary EOC, along with **Jim Madden KB1PFL** and **Bob Hart KB1ZJW** at the Pembroke EOC.



**Jim Madden KB1PFL at Pembroke EOC**  
**Bob Hart KB1ZJW**

### UPCOMING EVENTS

**August 4<sup>th</sup> & 5<sup>th</sup> 2013 USCG SPECIAL EVENT:** - Look for Whitman Club member **Barry Kennedy N1EZH** operating as **K1CG** on August 4<sup>th</sup> and 5<sup>th</sup> ANNOUNCEMENT: *We will be "On the Air" for our K1CG Special Event again this year for the 223<sup>rd</sup> Anniversary of the U.S. Coast Guard from 1500Z, 04 August to 0400Z, 05 August 2013 on the following Frequencies: 7227 KHz – LSB (40m), 14327 KHz - USB (20m), 18127 KHz – USB (17m), 21327 KHz - USB (15m). Further information can be found on Page 95 in the August 2013 issue of QST.*

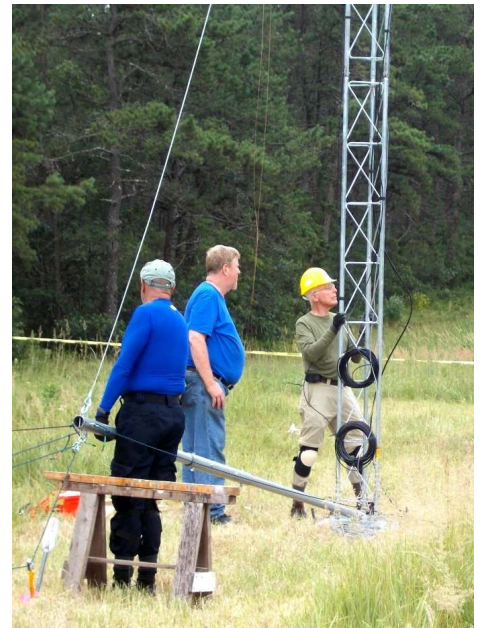
## WORLD RADIOSPORT TEAM CHAMPIONSHIP (WRTC)

### SITE EVALUATION TESTING July 12<sup>th</sup> , 13<sup>th</sup> & 14, 2013

Jeff Ayres WK1D, Billy Robinson K1UFO, Bob Azanow KA1KIJ and Jim Wolf N1JCW helped assemble World Radiosport Team Championship 2014 stations at the Miles Standish State Forest site location for this summer's site evaluation station testing. **Jeremy Breef-Pilz KB1REQ** was at the Mansfield Airport site location and **Greg Glynn W1VFB** was at the Dighton Rock site location.



Bob Azanow KA1KIJ     Jim Wolf N1JCW on ladder  
Jeff Ayres WK1D (yellow hat on right)



Jim Wolf N1JCW (in middle)  
Jeff Ayres WK1D

The crews transported and set up the stations (towers, beam antenna, tents, generators, etc.) on Friday, July 12, 2013 and they were tested on Saturday, July 13<sup>th</sup> and Sunday, July 14<sup>th</sup> during a contest.

The WRTC2014 organizers are doing everything they can to make sure all of the competitor stations are equal.

Part of that effort is to compare the signals of the stations in the 2013 Station Test by using a Reverse Beacon method. They will ask all of their 25 stations to be on CW on certain bands and times with their beams in a specific direction. All stations should be heard with the same signal strength at the Reverse Beacon locations. The object is to identify and eliminate a poor location.



Bob Azanow  
KA1KIJ



Billy Robinson K1UFO on right  
(photos by Jeff WK1D)

## WORLD RADIOSPORT TEAM CHAMPIONSHIP (WRTC)

### SITE EVALUATION TESTING July 12<sup>th</sup>, 13<sup>th</sup> & 14, 2013 By: KB1REQ

**Jeremy Breef-Pilz KB1REQ** reported: “I set-up and operated from Mansfield Airport which had two stations during this year's test. The first was my station which was set up near the hangers and operated under the call sign **W1CLA**. The second station was **K6ND**.

I helped set up the stations on Friday then returned Saturday morning to start operating. 24 hours later my team and I had netted 649 QSO's for a total of 199,040 contest points.

Following the end of the contest, the 'beam team' reassembled and we had both the stations taken down and repacked by noon. It was a long weekend but I had a great time!”



(Site photo by Lou N1UEC)



**WRTC Beam Team volunteers**

**Jeremy Breef-Pilz  
KB1REQ**

I want to thank all the operators who came out and made a successful showing from my humble station. **Fred K1VR** who helped out in a pinch and went above and beyond, running stations well outside the required Remote Beacon Network tests and adding over 100 Q's to the log. **Randy K5ZD** made an unexpected yet welcome visit adding some contesting celebratory to our station and grabbed many important HQ station on the air.

**Dave K1MBO** who ended up lending his paddles and seat cushion for the entirety of the contest, both very important station equipment. **Joe N1QD** who made CW operating at the station bearable by engineering a 'junk box' serial keying cable the night before the contest.

Thanks also go out to the Whitman ARC for letting me borrow the transceiver we used and to the Clay Center ARC for letting me borrow their call sign, it was longer than any other test station but shorter than my own”.

The WRTC2014 organizers are looking for more help with the station setup next year. Go to the WRTC2014 Web site at [www.wrtc2014.org](http://www.wrtc2014.org) for more info and to [www.wrtc2014.org/volunteer/](http://www.wrtc2014.org/volunteer/) to sign up as a volunteer.

## WORLD RADIOSPORT TEAM CHAMPIONSHIP (WRTC)

### SITE EVALUATION TESTING Cont: By Jeremy KB1REQ

**Jeremy KB1REQ** reports: "After 24 hours of admittedly less-than-hardcore contesting here are the numbers. Nothing incredible yet still not something I could have done on my own so I hope you all had as much fun as I did with this unique opportunity.

Band	Mode	QSOs
3.5	CW	25
3.5	LSB	18
7	CW	41
7	LSB	103
14	CW	86
14	USB	163
21	CW	102
21	USB	101
28	CW	8
28	USB	2

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Total Contacts = 649  
Score: 199,040



Thanks Again, From: Jeremy Breef-Pilz KB1REQ

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## 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. We need your updates for the newsletter.

On Sunday, July 21, 2013 **Ross Hochstrasser W1EKG** was Net Control and operated from the Cranland Airport where they were having their monthly "Fly In" Breakfast.

We encourage everyone to try your hand at Net Control. Contact **Bill N1FRE** or **Bruce N1X** for a Net Control handout.

In June we had 5 sessions with an average of 20 area HAMs checking in each week and 16 messages were sent. In June Whitman Club member **Loren Pimentel N1IQI** sent 388 NTS messages from his home QTH.

**Juergen DL1NBR** checked in from Germany via EchoLink.

**Matt Paine W1AXB** checked in from Sun Rise Hill in Attleboro.

**Ernie Guimares KA1VY** called in, after the Net, from Santa Fe, New Mexico via EchoLink.



Ross Hochstrasser W1EKG - Net Control  
at Cranland Airport in Hanson , MA.

## CRANLAND AIRPORT FLY IN BREAKFAST By: Ross W1EKG

**Ross Hochstrasser W1EKG** volunteered to be Net Control for the Whitman Amateur Radio Public Service Net on Sunday, July 21, 2013 and to set up an amateur radio display table and operating station at the Cranland Airport during their July Fly in breakfast. Helping out was **Charlie Amico W1CBR** with support from **Brad Wilson W1AY**, **Don Cahill KA1DON**, **Bill Spears KB1IU**, and **Larry Kenney K1LJK**.



Ultra light



Experimental Aircraft Association



More planes to see up close

**Ross W1EKG** brought two radios for show and tell. **Ross W1EKG** said he had a great time explaining that one was a BC-348 receiver used throughout WWII in most large aircrafts. The other was a AN/ART-13 Transmitter, in working order, that was made by Collins and first installed in B-29 bomber planes around 1944.

**Ross W1EKG** was invited back next month by the people in charge and the facilities property was offered for use for other functions.



Ross Hochstrasser W1EKG  
Brad Wilson W1AY



Bill Spear KB1IU

Charlie Amico W1CBR



Charlie Amico W1CBR

Larry Kenney K1LJK

**Charlie W1CBR** reports he handed out amateur radio literature and talked with several interested people. The area HAMS who logged in with the Whitman Club table were **Tom Hurley K1TH** of Plymouth, **Russell Landrigan Jr. N1PFQ** of Weymouth, **Bob Pratt KA1DZA** of Abington and **Kim Peck WA1PBU** of Needham.

## GENERAL UPGRADE CLASSES

### BUILDING A GROUND PLANE 2-METER ANTENNA By: Bill Hayden N1FRE

**Bill Hayden N1FRE** reports: “At the class held on June 13, 2013 a 2-Meter ground plane antenna was constructed and tested.

The antenna was constructed from random scrap materials such as romex, AWG 14 used as the radiator element and 4 pieces used as radials.

These were attached to a SO-239 chassis mount connector and then bolted to a piece of aluminum angle.

The finished antenna was then attached to a wooden broom handle inside the classroom.

**Tom Scott KB1WVL** tested the newly constructed ground plane antenna class project, and talked to **Mike Supple KB1OEP** and **Ross Hochstrasser W1EKG** from the Abington Library class room with a handi-talkie connected using 2 watts of power”.

Congratulations to **Blake Haskell K1BTH** who upgraded to General Class in July.



**Blake Haskell K1BTH**

(Photo by Bill N1FRE)

**Steve Wallace N1KTU**

**Charlie Amico W1CBR - Instructor**

**Tom Scott KB1WVL**

### ANTENNA PROJECT By: Barry Kennedy N1EZH

**Barry N1EZH** reports: “Here is a picture of my New HF Antenna Post and Penninger Tipper Mount, that holds my Cushcraft R-7 vertical antenna.

The photo shows the post with the Penninger Tipper Mount, 2” diameter x 8 foot aluminum mast, and mast clamp. This is one rugged mount! that hinges at the bottom and clamps at the top. Go to <http://www.penningerradio.com>

I had spent about 2 months, off and on, getting all this prepared. The project started with a Cement Base and 4” x 6” Post along with two 2” x 4” braces. I was finally ready to assemble and install the Cushcraft R7 Antenna in June. I added 3 Heavy Duty Wire Ties to fasten the Nylon Rope for some support approximately 10’ from the top of my Cushcraft R-7.

I also used the mast to hold the center of an 82 ft long Spi-Ro’s D56 Mult Band dipole Antenna that is good for 10 – 80-Meters. It has 6 traps.

Everything went smooth putting the Cushcraft R-7 together, however my Son – **Brian SWL** along with my friend **Alan N1MXH** had to help raise the mast once the 27 foot R7 was bolted to the top of the 20 foot mast. We also needed **Allan’s N1MXH** truck to stand on”.





➤ **The Whitman Amateur Radio Club** participated in a national emergency preparedness exercise called Field Day 2013 over the weekend of June 22 and 23. A total of 43 Whitman Club members and 11 area radio operators (HAMs), mobilized at the Old Colony YMCA property in East Bridgewater to set up portable antennas, radios, and generators to see how many other amateur radio stations could be contacted in 24 hours from 2 p.m. on Saturday to 2 p.m. on Sunday. **John Duprey KB1SVY**, president of the Whitman Amateur Radio Club, said the team set up six inde-

pendent Base Stations and made 721 contacts with amateur radio operators in 45 States and three Canadian provinces over period using both phone and Morse code. Whitman club members are active on a regular basis in the Skywarn program, reporting severe weather conditions directly to the National Weather Service in Taunton via amateur radio. Over the years the Whitman Amateur Radio Club members have become more involved in emergency communication training with the Emergency Management Agencies in their local city or towns and local Red Cross and hospitals. Amateur radio played an impor-

tant role in providing communication and logistical support for the Boston Marathon – shadowing Boston Athletic Association personnel and staffing water and first aid stations along the route. Participating Whitman HAMS were: **President John Duprey KB1SVY**, **Vice President Paul Moss KB1MTW**, **Fred Birtwell KC1ACG**, **Ron Stundze KB1OEQ**, **Ross Hochstrasser W1EKG**, **Bill Hayden N1FRE**, **Bill Robinson K1UFO**, **Wayne Robertson KB1YFQ**, and **Bill Spears KB1IUU**. Amateur radio operators who were able to participate from Hanson were: **John Murphy W1IG**, **Jim Wolf N1JCW**, and **Mark Vess KC1ACF**.



**The Whitman AMateur Radio Club took part in an emergency preparedness field day June 22-23/**

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### **MORE FIELD DAY UPDATES**

**Jim Madden KB1PFL** reports: "I was in Maine for Field Day 2013. I operated 40 and 20 meters as 3D ME. I was listening for you guys but didn't hear you. I tried to Echolink to **WA1NPO** but we didn't have internet up on the mountain. We were at 3000 feet at a Television broadcast tower site in Baldwin, ME. It was interesting to be at the base of a 1600 foot TV tower. **73 Jim KB1PFL**

**Matt Paine W1AXB** reports that he attended Field Day in Jamestown, RI with the Providence Radio Association.



**WHITMAN AMATEUR RADIO CLUB, INC.**  
A Non-Profit Corporation Serving the Public in Time of Emergency



Post Office Box 48  
Whitman, MA 02382

ARRL Club #0082  
Club Call Sign: WA1NPO

**MEETING SCHEDULE**

Meetings are held on the first  
Wednesday of each month

The next meeting will be held at the  
Whitman Knights of Columbus, which is  
located at 1195 Bedford Street  
(Rt. 18) in Whitman, Mass.

**NEXT MEETING**

Wednesday, Aug. 7<sup>th</sup> at 7:00 p.m.  
Whitman Knights of Columbus

Club REPEATER 147.225 MHz PL 67

Club IRLP Node 8691

Club EchoLink WA1NPO-R Whitman MA

Club EchoLink Node 484193

*Whitman Amateur Radio Club, Inc.*  
*P.O. Box 48*  
*Whitman, Ma 02382*

**CLUB OFFICERS**

President	John Duprey	KB1SVY
V. President	Paul Moss	KB1MTW
Secretary	Charlie Amico	W1CBR
Treasurer	Jeff Tracy	N1SOM
Director 2013	John Murphy	WI1G
Director 2014	Roy Logan	KB1CYV
Director 2015	Jeff Lehmann	N1ZZN
Director	Paul Burbine	N1VTI
Past President		

**Editor:** Bruce Hayden N11X  
E-mail articles to: [nilx@arrl.net](mailto:nilx@arrl.net)

**Web Master:** Jeff Lehmann N1ZZN  
E-Mail: [n1zzn@comcast.net](mailto:n1zzn@comcast.net)  
Web Site: <http://www.wa1npo.org>

**Training Coordinator**  
Charlie Amico W1CBR  
E-Mail: [sfccamico@gmail.com](mailto:sfccamico@gmail.com)

**Club House / Equipment Coordinator**  
Paul Moss KB1MTW  
E-Mail: [pm.moss@comcast.net](mailto:pm.moss@comcast.net)

