



# SPECTRUM



The Voice of the Humble Electron

Founded 1962

**PRESIDENT'S MESSAGE:** This is **Paul N1VTI** – The Technician Classes, held at the South Shore Hospital, were a great success with 9 students receiving their license so far and I am sure a few others, that had conflicts with the testing date, will pass soon. **John Murphy KB1PHN** and I are shown grading practice tests at one of the two Technician Class review sessions.



**John O'Neill KB1QEM** organized the class with the help of **Joan Cooper-Zack RN**, Emergency Preparedness Manager for the South Shore Hospital. Volunteering to help me with the classroom instruction were **Paul Moss KB1MTW**, **Bruce Hayden N1IX**, **Jim Tynan KC1JET** and **John Murphy KB1PHN**.

**Paul  
N1VTI**

**John  
KB1PHN**

**HAVING FUN.** **Roy Logan KB1CYV** volunteered to be the Fox on March 27<sup>th</sup> and reported that there were 19 Fox Hunters participating. **Bruce Hayden N1IX** volunteered to be the Fox on April 17 and reported 12 Fox hunters participating.

**PUBLIC SERVICE:** **Phil McNamara N1XTB** reported that **Jeff Boltz KB1TEG** attended an Emergency Communication class in Middleboro. **Bruce Hayden N1IX** reported that he participated in a Red Cross classroom training session on Mass Care and Shelter Operations in Taunton. **Bruce N1IX** also reported that he, along with **Paul Moss KB1MTW**, **Bill Hayden N1FRE**, **Mike Supple KB1OEP**, **Jeff Tracy N1SOM**, **Kevin Dykes KB1MOC** and **Phil McNamara N1XTB** participated in first Monday of the month RADIOGRAM training. **Jeff Lehmann N1ZZN** and **Jeremy Breef-Pilz KB1REQ** reported that they participated in the monthly ARES Net. **Jim Tynan KC1JET** helped provide communication support at the Boston Marathon.

**SKYWARN ACTIVATION:** There was water – water everywhere. **Bruce N1IX** reported 16.20 inches of rain at his QTH in Raynham between March 13 and March 31. Many rivers and lakes were overflowing their banks. **Jeremy Breef-Pilz KB1REQ**, **Jim Tynan KC1JET** and **Phil McNamara N1XTB** reported that they took a shift at the National Weather Service office in Taunton in March.



**Houses on Staple Shore Road in Lakeville with Assawompset Pond in the background overflowing it's banks. Electricity off and evacuation ordered**

Next we have the Dayton, Ohio and NEAR-Fest (Deerfield, NH) Flea Markets. Come to the next meeting and share your radioactive adventures with the other members present.

**From: Paul Burbine N1VTI**

## SECRETARY'S NOTES OF THE MEETING OF April 7, 2010 de N1ZZN

**OPENING:** The members started gathering at the Whitman Public Library, Whitman, MA around 6:10 P.M. President **Paul N1VTI** opened the meeting at 6:30 PM.

**ATTENDANCE:** Thirty-two members / guests were present, including the four elected Officers and the four Directors. A quorum was present.



Jeff Lehmann  
N1ZZN

<b>K1AWB</b>	<b>Steve Laroe</b>	<b>W1EKG</b>	<b>Ross Hochstrasser</b>		
<b>SWL</b>	<b>Colben Laroe</b>	<b>KB1REQ</b>	<b>Jeremy Breef-Pilz</b>		
<b>K1MRH</b>	<b>Barbara Rice</b>	<b>KB1TEH</b>	<b>Richard Metcalf</b>		
<b>KA1PJX</b>	<b>Don Keene</b>	<b>KB1QKV</b>	<b>Mike Anderson</b>		
<b>KB1MTW</b>	<b>Paul Moss</b>	<b>KB1OAW</b>	<b>Greg Noyes</b>		
<b>KB1OAY</b>	<b>Dan Noyes</b>	<b>KB1OEP</b>	<b>Mike Supple</b>		
<b>KB1PHN</b>	<b>John Murphy</b>	<b>KB1QEM</b>	<b>John O'Neill</b>		
<b>KB1PFL</b>	<b>Jim Madden</b>	<b>KB1SPB</b>	<b>Dan Chase</b>		
<b>KB1SVY</b>	<b>John Duprey</b>	<b>KB1CYV</b>	<b>Roy Logan</b>	<b>WQ1L</b>	<b>John Coombs</b>
<b>KC1FZ</b>	<b>George Davis</b>	<b>KC1JET</b>	<b>Jim Tynan</b>	<b>K1REL</b>	<b>Bob Loring</b>
<b>N1FRE</b>	<b>Bill Hayden</b>	<b>N1JBG</b>	<b>Doug Hart</b>	<b>N1OYH</b>	<b>Carl Davis</b>
<b>N1SOM</b>	<b>Jeff Tracy</b>	<b>N1SON</b>	<b>Bill Tracy</b>	<b>N1VTI</b>	<b>Paul Burbine</b>
<b>N1ZZN</b>	<b>Jeff Lehmann</b>	<b>NI1X</b>	<b>Bruce Hayden</b>	<b>W1AXB</b>	<b>Matt Paine</b>
<b>WA1ZKK</b>	<b>Al Craddock</b>				

**TREASURER'S REPORT:** The treasurer's report for March was read by **Jeff N1SOM**. **Bob K1REL** made a motion seconded by **John KB1PHN** that the treasurer's report be accepted as read. The motion was approved.

**SECRETARY'S REPORT:** A motion was made by **Bruce NI1X** seconded by **Barbara K1MRH** that the March secretary's report be accepted as published in the newsletter. The motion was approved.

**HEALTH & WELFARE:** **Barbara K1MRH** reported that get well cards were sent to **Jim WG1L's** wife **Joan** following a stroke she had, **Frank N1OGP**, and **Steve K1AWB**. Sympathy cards were sent to the wife of **Mike N1FRV**, the family of **George K1CG**, and the family of **Peter KB1TDX**, following their passing.

**NEW MEMBER:** **Bruce NI1X** made a motion that **Doug Hart N1JBG** be accepted as a new member. **Richard KB1TEH** seconded the motion, and it was approved.

**OLD BUSINESS:** **John KB1QEM** reported that the Technician classes at the South Shore Hospital went very well. The VE session will be held at the **K1USN** club location in Braintree this Saturday, April 10<sup>th</sup>. **Ross W1EKG** still has admission and vehicle tickets available for the Deerfield, NH NEARFest, which will be held Friday, April 30 and Saturday, May 1. **Paul KB1MTW** and **Paul N1VTI** will once again put together a club table, with other members encouraged to help out, and have a nice place to hang out while at the fest. **Jeff N1ZZN** reported that the equipment for IRLP will cost \$188, and the DSL internet connection will cost \$19.99 (+tax) per month, with a \$19.99 activation fee. **Bill N1FRE** made a motion, seconded by **Steve K1AWB** that the money appropriated for a new radio for Echolink be put towards this new project. **Bill N1FRE** also made a motion, seconded by **John KB1SVY** that the IRLP/Verizon DSL project be approved. **Jeremy KB1REQ** found plans for a gain antenna made of wire for 20 meters that we might consider building for Field Day.

## SECRETARY'S NOTES OF THE MEETING OF April 7, 2010 de N1ZZN

**OLD BUSINESS Cont:** There was discussion about possibly getting a banner made up to help make the public more aware of our Field Day operation, which will once again be held at the East Bridgewater YMCA. **Richard KB1TEH** and **Jeremy KB1REQ** will do some research on finding prices on banners. **Bruce N1IX** reported that the Fox Hunts have been going well, and the next will be held on April 17 at 10 a.m. with the Fox hiding within 7 miles of Whitman center. **Jeff N1ZZN** reported that he is looking into possible ideas for rebuilding the club website, and may work with members of the SEMARA club, which is also in the process of building a new site.

**NEW BUSINESS:** **Ross W1EKG** volunteered to get the necessary permit to hold the flea market at Saftler's parking lot once again on Memorial Day weekend (Sunday, May 30 and Monday, May 31). **Jeff N1SOM** will arrange for the ads in the newspapers. **Paul KB1MTW** reported that there is a roll of about 1000 feet of coax cable available free of charge to club members. It is the same size as RG-58, but has a larger center conductor, and is double shielded. **Bruce N1IX** made a motion that \$400 be appropriated for the Whitman-Hanson high school "Dollars for Scholars" program. **Bruce N1IX** made a motion that the QST subscription be renewed for the Whitman and Abington libraries. Both were approved. **Jeremy KB1REQ** mentioned that the Framingham flea market will be held this Sunday, April 11, at 9 a.m. at the Keefe Technical High School. **Jeff N1ZZN** mentioned that the Falmouth ARA is sponsoring a 2-Meter FM QSO Party on Sunday, May 30 from 7:30 to 9 p.m., with contacts being made on 2-Meter FM simplex. Details will be published in the newsletter.

**NOMINATIONS:** Nominations for the next term of Club Officers / Director is now open. **Steve K1AWB** nominated **John KB1PHN** for the open position on the Board of Directors. **Bruce N1IX** nominated **Jeff N1SOM** to continue as treasurer. Any other nominations can be emailed to **Jeff N1ZZN** between now and the next meeting. Nominations will be closed following the May meeting.

**CLUB EQUIPMENT:** **Paul Moss KB1MTW** reports that all club equipment is accounted for. Any club member can contact **Paul KB1MTW** on the repeater, email, or phone if they would like to borrow a piece of the club's equipment.

**NET CONTROLS:** 4/11: **Roy KB1CYV**, 4/18: **Mike KB1OEP**, 4/25: **Jeff N1SOM**,  
5/2: **Bruce N1IX**

**CLOSE:** President **Paul N1VTI** closed the business meeting at 7:20 p.m. on a motion by **John KB1PHN** seconded by **John WQ1L**. The motion was approved.

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**SILENT KEY:** Area HAM and Genesis Club member **George Manning K1CG** of Pembroke passed away in March.

**George K1CG SK** was a 20 year veteran of the US Coast Guard retiring as a Master Chief Petty Officer. He was later employed for 27 years as a Broadcast Engineer for WHDH Channel 7. He was an avid private pilot and an amateur radio enthusiast. **George K1CG SK** was a member of the Genesis Club and promoted Morse code at special events like Field Day.

A special Memorial NET tribute to **George K1CG SK** was held on the Genesis REPEATER and directed by **Ken Kavaljian KB1KVL**. All participating HAMs were invited to call **George K1CG SK** one last time. While most participating HAMs used voice, it was very moving to hear some HAMs call **George K1CG** using Morse code and sign off after hearing no answer.



**George Manning  
K1CG SK  
Saftler's last Sept.**

**NEW MEMBER: Doug Hart N1JBG** lives in Duxbury with his wife **Lydia**, who **Doug N1JBG** reports is very supportive but has no interest in the hobby.

**Doug N1JBG** also reports: "I have been a HAM for 20 years but between work and raising a family I have never been active. I now have more time and I am enjoying HF and local VHF activities. I have a Kenwood TS-440 HF rig that has a G5RV at 50 feet and a Yaesu FT-3000 2-Meter rig that has a 16 foot vertical on top of a 17' silo. I have much to learn!



**Doug Hart N1JBG**

I enjoy supporting remote events such as the Hard Rock 100 mile trail run deep in the Colorado Mountains. The Hard Rock 100 is a grueling running race that begins and ends in Silverton, Colorado. The runners have 48 hours to complete the race which goes over several 14,000' peaks. I have hiked in to a remote aid station at the mid point to monitor and report runners progress in and out and their physical condition. Because there is no cell phone service the HAMs play an important role. I read about it in QST about 10 years ago.

My involvement in the Boston Marathon does not include Ham Radio. I will run the race for the 11th time. My son, **Andrew**, is a dispatcher for the Austin, Texas police department and an EMT. He is contemplating his technician license. Any words of encouragement would be appreciated.

I am looking forward to being a part of the Whitman Club".

**73 From: Doug N1JBG**

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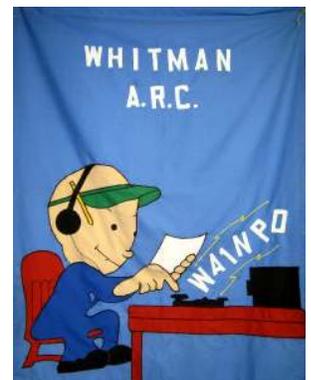
## **WHITMAN AMATEUR RADIO PUBLIC SERVICE NET (WARPSN)**

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.

As part of our training, we encourage everyone to practice sending routine RADIOGRAM messages. In March we had 4 sessions with an average of 15 area HAMs checking in each week and 11 messages were sent.

The EchoLink connection to the Whitman REPEATER is currently installed at **Jim Tovey's W1JT** QTH. The EchoLink Node is **WA1NPO-R**.

The Whitman club currently has a project underway to relocate the EchoLink connection and install an IRLP connection at the REPEATER site. **Jeff Lehmann N1ZZN** is coordinating this project.



**Sending NI1X  
an update**

You can download your own RADIOGRAM message form from [www.arrl.org/radiogram](http://www.arrl.org/radiogram) Use one to make up an NTS traffic message and send it to a friend.

We recently made contact via RADIOGRAM with **Pete Nagle KB9KAT** in Oregon, Illinois where he is actively working on setting up an EchoLink connection. **Pete KB9KAT** was Fox Hunting with the South Shore Fox Hunters in 2001 before he left for Illinois. We hope to hear **Pete KB9KAT** On-The-Air soon.

## FIRST MONDAY OF THE MONTH RADIOGRAM TRAINING By: The Bruce" NI1X

Shown at the Whitman Emergency Operations Center (EOC) just after the April RADIOGRAM Training are standing L. to R **Bill Hayden N1FRE**, **Paul Moss KB1MTW**, **Kevin Dykes KB1MOC** representing the town of HANSON and **Mike Supple KB1OEP**. Shown seated are L. to R. **Jeff Tracy N1SOM** and **Bruce Hayden NI1X** representing the City of Taunton.



Also heard checking in was **Phil McNamara N1XTB** who was representing Bridgewater and Carver.

**John Miller N1UMJ** sent three messages from the MEMA Region II bunker located at the State prison facility in Bridgewater to the Local city and town Emergency Management Agency Directors.

### RACES volunteers at the Whitman EOC

The HAMs participating are expected to deliver the messages and report back with a RADIOGRAM message, the date and time the messages were delivered. You are invited to join the Whitman RACES crew or encouraged to listen in next month – May 3<sup>rd</sup> - at 8 p.m. on the Norwell REPEATER 145.250 MHz PL 77 and copy along. You can download your own RADIOGRAM message form from [www.arrl.org/radiogram](http://www.arrl.org/radiogram)

### QSL CARD OF THE MONTH

**Jeremy Breef-Pilz KB1REQ** reports that he made a contact with **Ivo Verheyen ON7IVO** from Antwerp, Belgium and received the QSL card shown here.



**Jeremy KB1REQ** reports that the contact was made on 20-Meters and that he was using his long wire antenna.

**Jeremy KB1REQ** also reports that he will be on vacation in Pennsylvania between April 18<sup>th</sup> and April 22<sup>nd</sup> and is bringing the Outbacker vertical antenna for HF portable operation. **Jeremy KB1REQ** said that he would be operating on 20-Meters and 40-Meters between 9 a.m. and 10 a.m. in the morning and 6 p.m. thru 9 p.m. at night. **Jeremy KB1REQ** will be listening at 9 a.m. and 8 p.m. on 14.275MHz or 7.255MHz and hopes to make contact with other Whitman Club members and area HAMs. **The Bruce NI1X** made A relayed contact through a HAM in Virginia.

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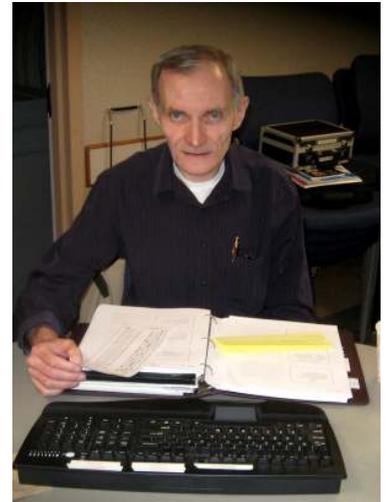


## TECHNICIAN CLASSES - SOUTH SHORE HOSPITAL – By: The Bruce” NI1X

**John O’Neill KB1QEM** has been working with **Joan Cooper-Zack**, RN, Emergency Preparedness Manager for the South Shore Hospital to set up an amateur radio team and amateur radio station equipment at the hospital..

**John KB1QEM** has assembled a “**Go-Kit**” for the South Shore Hospital and arranged to have antennas installed on the roof and terminated in a radio room. The backup amateur radio system, at the South Shore Hospital, has been tested and is ready to go.

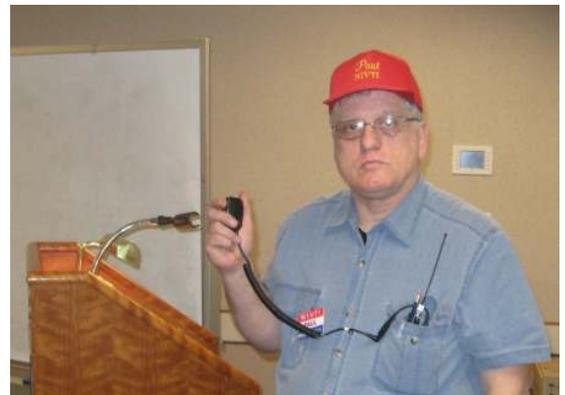
**John KB1QEM** modified the ARRL Technician Class Power Point Presentation to be Whitman Amateur Radio Club specific and supplied numerous handouts and study guides. **Joan Cooper-Zack** made arrangements for the room and advertised the announcement of the classes in the South Shore Hospital’s Shorelines newsletter.



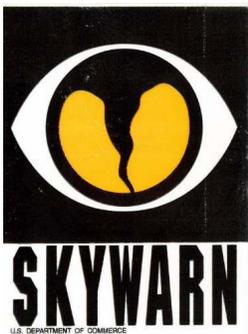
**John O’Neill KB1QEM**

**Paul Burbine N1VTI** had volunteered to coordinate the Technician Class to be held in association with the South Shore Hospital. **Bruce Hayden NI1X**, **Paul Moss KB1MTW**, **John Murphy KB1PHN**, and **Jim Tynan KC1JET** volunteered to help as instructors.

**Paul N1VTI** scheduled several committee meetings where the classroom material was broken up and assigned to the five instructors. It was also decided to hold two Saturday review sessions two weeks apart. **Paul N1VTI** made arrangements with **Bill Needham K1WN** to hold a V-E Testing Session the following weekend in Braintree. Assisting with the V-E Session along with **Paul N1VTI** and **Bill K1WN** were **Ed Meehan N1NTZ** and **Bob Loring K1REL**.



**Paul Burbine N1VTI**



**Carl Aveni N1FY**



**Carl Aveni N1FY** – the ARRL, Amateur Radio Emergency Service (ARES), Eastern Mass. Assistant Section Manager spoke to the group about Public Service and ARES. **Carl N1FY** explained his prior involvement with **Joan Cooper-Zack** and **John O’Neill KB1QEM** of the South Shore Hospital and his current involvement in SKYWARN activations at the National Weather System office in Taunton and his Emergency Communication deployment in Northeast Massachusetts with one of the Red Cross Disaster Assessment Teams, during the March flooding.

## TECHNICIAN CLASSES - SOUTH SHORE HOSPITAL – Cont: By: NI1X



**Paul Moss KB1MTW**



**Bruce Hayden NI1X**



**Jim Tynan KC1JET**

The crew brought a table full of amateur radio equipment for Show and Tell. **The Bruce NI1X** is shown explaining the operation of a 2-Meter tape measure beam antenna as used for Fox Hunting. **Jim Tynan KC1JET** is shown explaining his I-Phone EchoLink connection. **Paul Moss KB1MTW** handled the electronics theory and **John Murphy KB1MTW** covered antennas.

There were power supplies, SWR meters, QSL cards, beam antennas, dipole antennas, magnetic mount antennas, Special Event certificates, HF radios, mobile radios, handheld radios, antenna tuners, a world globe to help explain D and E-layer skip, resistors, inductors, integrated circuits, fixed capacitors, variable capacitors, Morse code keys, mikes and earphones that were all used to help the students visualize the items mentioned in their text book. **John KB1QEM** also provided handouts that showed how to find the Technician Class question pool and interactive tests on the internet.



**John Murphy  
KB1PHN**

One practice test was given at the end of the first review class and two practice tests were given during the second review class – one at the beginning and one at the end. **Paul N1VTI** reported that over 50% of the students were passing the practice test and others were very close to passing.

**John Hackett Jr. KB1TZL** was our first graduate. After the first class he chose not to wait and took the V-E Exam at MIT in March. Congratulations **John KB1TZL**.

Receiving their license at the Braintree V-E Session were:

<b>KB1UBX</b>	<b>Karen Trask</b>	<b>KB1UCA</b>	<b>Robert Keaney</b>	<b>KB1UCD</b>	<b>Christian Lanphere</b>
<b>KB1UBY</b>	<b>Carol Lapilato</b>	<b>KB1UCB</b>	<b>Jason Meade</b>	<b>KB1UCE</b>	<b>Peter Blaher</b>
<b>KB1UBZ</b>	<b>Joan Cooper-Zack</b>	<b>KB1UCC</b>	<b>Dianne Stark</b>		

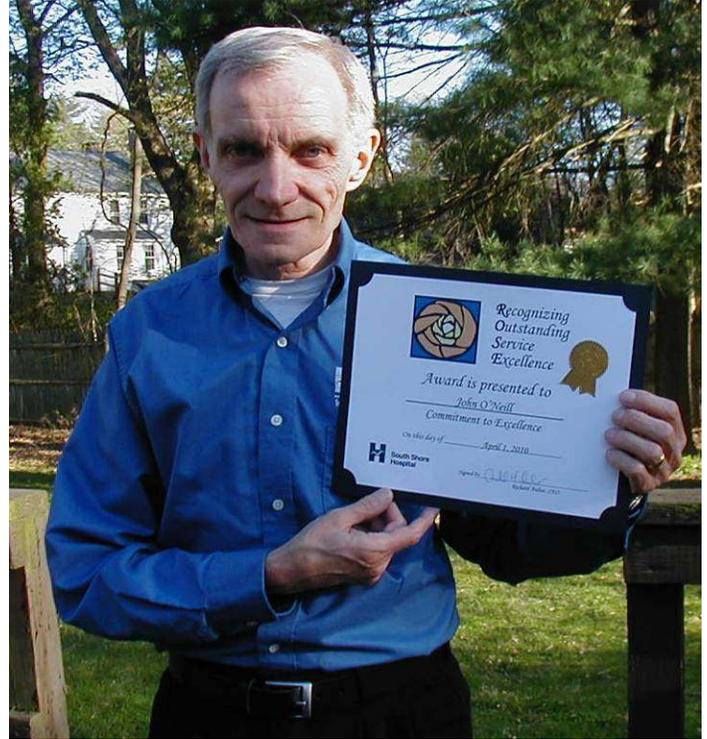
On behalf of the 113 Whitman Club members, **Paul Burbine N1VTI** – Whitman Club President – offered free membership, for the rest of the year, to any graduating members of the SSH / WARC Technician Class that want to join. There were other members of the Class that had a conflict with the V-E Testing date and I am sure they will get their license soon.

## RECOGNIZING OUTSTANDING SERVICE EXCELLENCE (ROSE) AWARD

The South Shore Hospital (SSH) ROSE Nomination Committee is pleased to announce the recipients of the ROSE award for the month of March, 2010. All ROSE recipients receive a pin and certificate, and are invited to attend a quarterly ROSE breakfast with South Shore Hospital President Richard Aubut.

**JOHN R O'NEILL**  
TECHNOLOGY SPECIALIST I  
*Commitment to Excellence*

Last year the emergency preparedness committee was interested in establishing HAM radio capability at SSH. One of our own employees, **John O'Neill KB1QEM**, a licensed HAM radio operator, stepped up to the plate. On his own time **John KB1QEM** researched the equipment we would need to give us a system that can be based in a specific area or used in a portable method and he helped arrange the purchase of the equipment needed. **John KB1QEM** took the next step and volunteered to make the kit that would be used when a HAM radio would be needed. The "kit" is up and running and last month we actually talked to another HAM in Raynham with our portable set up. **John KB1QEM** has been instrumental in fostering a relationship with the Whitman Ham Radio Club that will support SSH and provide a trusted volunteer group of non-SSH members when we need to use the radio in an emergency / disaster. He has also, on his own time, helped to set up the education program to be held at SSH in March and April that will help educate a core group of SSH staff that could use the amateur radio should the need arise.



**John O'Neill KB1QEM**

Without **John's KB1QEM** enthusiasm and positive attitude to go "the extra mile" and promote this cause, we would still be trying to develop the program. He has helped ensure communication will be available in a disaster!

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### HAM RADIO ARTICLE IN SHORELINES NEWSLETTER

Congratulations and Thanks to South Shore Hospital employee **John O'Neill** and The Whitman Amateur Radio Club for presenting a two day Technician Level Ham Radio Class at South Shore Hospital. On Saturday April 10<sup>th</sup> employees **Karen Trask, Jason Meade, Carol Lapolito, Dianne Stark, Peter Blaher, Joan Cooper-Zack** and volunteer **Bob Keaney** passed their Technician Level Ham Radio License Exam.

For further information about this new program please contact: **Joan Cooper-Zack** at ext 4366 or **John O'Neill** at KB1QEM@gmail.com

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**SCUTTLEBUTT:** **Jim Tynan KC1JET** reported that he volunteered to help out at the Boston Marathon at the Athlete's Village and later with the the Down Field Safety Team.

## FOX HUNT -- SATURDAY, MARCH 27, 2010 By: The Bruce" NI1X

Roy Logan KB1CYV volunteered to be the Fox for the day and was hiding in West Bridgewater behind the Glad Acres Village Plaza located on the south side of Rt. 106 at 300 West Center Street in the rear parking lot behind the row of buildings. The weather was clear and the temperature was about 35 degrees with – no rain – and there were 19 Fox Hunters participating.

VK3JMD	Mark Diggins	KB1TEH	Richard Metcalf	KB1MOC	Kevin Dykes
VK3LSL	Sue Diggins	KB1ODS	John Chase	NI1X	Bruce Hayden
SWL	Jarrold Diggins	SWL	Mary Lou Chase	W1WCF	Walter Fitzgerald
SWL	Nathan Diggins	KB1SVY	John Duprey	N1MAG	Wayne Galvin
KA1JBE	Joe Casieri	W1GRC	Gary Cumiskey	AD1R	David Whitney
KB1RXQ	Dino Casieri	KB1MTW	Paul Moss	N1ZZN	Jeff Lehmann
KB1CYV	Roy Logan – The Fox for the day				



### THE SATURDAY, MARCH 27, 2010 FOX HUNTING CREW

First place goes to **Mark Diggins VK3JMD** and his wife **Sue VK3LSL** along with their two boys **Jarrold SWL** and **Nathan SWL** in 37 minutes. Second place goes to **Richard Metcalf KB1TEH** in 1 hr. and 9 minutes. Third place goes to **John Chase KB1ODS** and his wife **Mary Lou SWL** in 1 hr. and 14 minutes. Fourth Place goes to the team of **Jeff Lehmann N1ZZN**, **Gary Cumiskey W1GRC** and **David Whitney AD1R** in 1 Hr. and 18 minutes. Fifth place goes to **Kevin Dykes KB1MOC** in 1 Hr. and 23 minutes. Sixth place goes to **Bruce Hayden NI1X** in 1 Hr. and 24 minutes. Seventh place goes to **Walter Fitzgerald W1WCF** in 1 hr. and 30 minutes. Eighth place goes to **Joe Casieri KA1JBE** and **Dino Casieri KB1RXQ** in 1 Hr. and 32 minutes. The Ninth place tie goes to **John Duprey KB1SVY**, **Wayne Galvin N1MAG** and **Paul Moss KB1MTW** who all finished together in 1 Hr. and 45 minutes

**Mark Diggins VK3JMD** and his wife **Sue VK3LSL** drove down to Whitman from Billerica to participate in the South Shore Fox Hunt. They have a **VK3YNG** Sniffer MK4 receiver and a three element beam.



**Mark Diggins VK3JMD**  
**and wife Sue VK3LSL**

# WIRELESS NORTH POLE - THE ADVENTURES OF Don Mix - WNP

## Presentation BY: John Dilks K2TQN

Members of the **K1USN** Radio Club hosted a Historical presentation by **John Dilks, K2TQN** on Saturday, April 10, 2010 at the Watson Building (the **K1USN** clubhouse) at 85 Quincy Ave, Braintree, MA.

The slide show and presentation was taken from **Don Mix's** daily journal of 1923 and 1924. The trip was photographed for the National Geographic Society and national newspapers. While the ship wintered over near Elah, Greenland, they set up an observatory and studied changes in the earth's magnetic fields. **Don Mix** operated an amateur radio station **WNP** on board the ship, maintaining contact with family and supporters back home..



1923 Bowdoin Expedition

**Pi Pugh K1RV** sent out an invitation to all the area HAMS. The Whitman Club members who were able to attend were:

**NI1X**      **Bruce Hayden**  
**N1VTI**    **Paul Burbine**  
**KB1MTW** **Paul Moss**  
**KB1QEM** **John O'Neill**  
**N1NTZ**    **Ed Meehan**  
**KB1TOM** **Tom Wilson**  
**N1ZZN**    **Jeff Lehmann**



In his remarks **John Dilks K2TQN** said: "Imagine for a minute you are a young 21 year old HAM living in Connecticut with your parents. You have recently completed your schooling and are thinking about a career in radio. Self taught, you are able to build or troubleshoot any radio circuit; you have honed your Morse code skills and are one of the top radio operators around, well known by your peers. So what are you going to do?"

It is early winter 1923. You receive an invitation from **Hiram Percy Maxim** to apply for the position of radio operator on an expedition in an 88-foot schooner (the Bowdoin) to the North Pole for one year. Frozen in the Ice for 12-months, life was hard and exciting for **Don** and the crew".

**Lyman Mix K1PE**, who attended the presentation, reported that he had the family journal. A book is planned.

John Dilks K2TQN - Speaker

Pi Pugh K1RV - K1USN Host

Lyman Mix K1PE - Distant relation



Tom Mix WNP - 1923 - 1924

73, John Dilks, K2TQ

## RED CROSS - MASS CARE AND SHELTER OPERATION TRAINING By: The Bruce" NI1X

**Rick Ferreira KB1KWF** - Director of the Taunton Emergency Management Agency (TEMA) and **Rudy Burer KB1LXI** - Assistant Director of TEMA, scheduled a Red Cross classroom training session on Mass Care and Shelter Operation for TEMA volunteers.

The HAMS attending along with **Rick KB1KWF** and **Rudy KB1LXI** were **Bruce Hayden NI1X**, **Roger Desmarais KB1RTI** and **Steve Foster KB1KZW**.

Shelter procedures involving amateur radio volunteers (HAMS) were as follows:

**Roger Desmarais** **Bruce Hayden**



**KB1RTI**

**NI1X**

- 1, **OPENING ACTION**: Report to the Shelter Manager to determine the appropriate location for radios.
2. Set up Go-Kit radios and antennas.
3. Establish contact with Taunton Emergency Operations Center (EOC) and Red Cross facilities as directed.
4. Receive and send messages as requested.
5. Maintain communications log.
6. Place additional HAMS on standby and schedule relief support if the shelter will be open for an extended period of time.
7. **CLOSING ACTION**: Return equipment to owners and clean up.

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**May 9, 2010 – V-E Exams** are held the 2<sup>nd</sup> Saturday of every other 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. We will be hosting V-E exams at 8:45 a.m. at the Watson building. This is the new exam location for the Braintree Radio Club sponsors. 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.

**May 14 thru May 16 DAYTON HAMVENTION**: Bring back pictures and stories of your radioactive adventures awhile at Dayton.

**May 16<sup>th</sup> FLEA AT MIT**: - Albany and Main Street in Cambridge, MA. Free parking. Third Sunday April thru October. For more info call **Nick** at 617-253-3776.

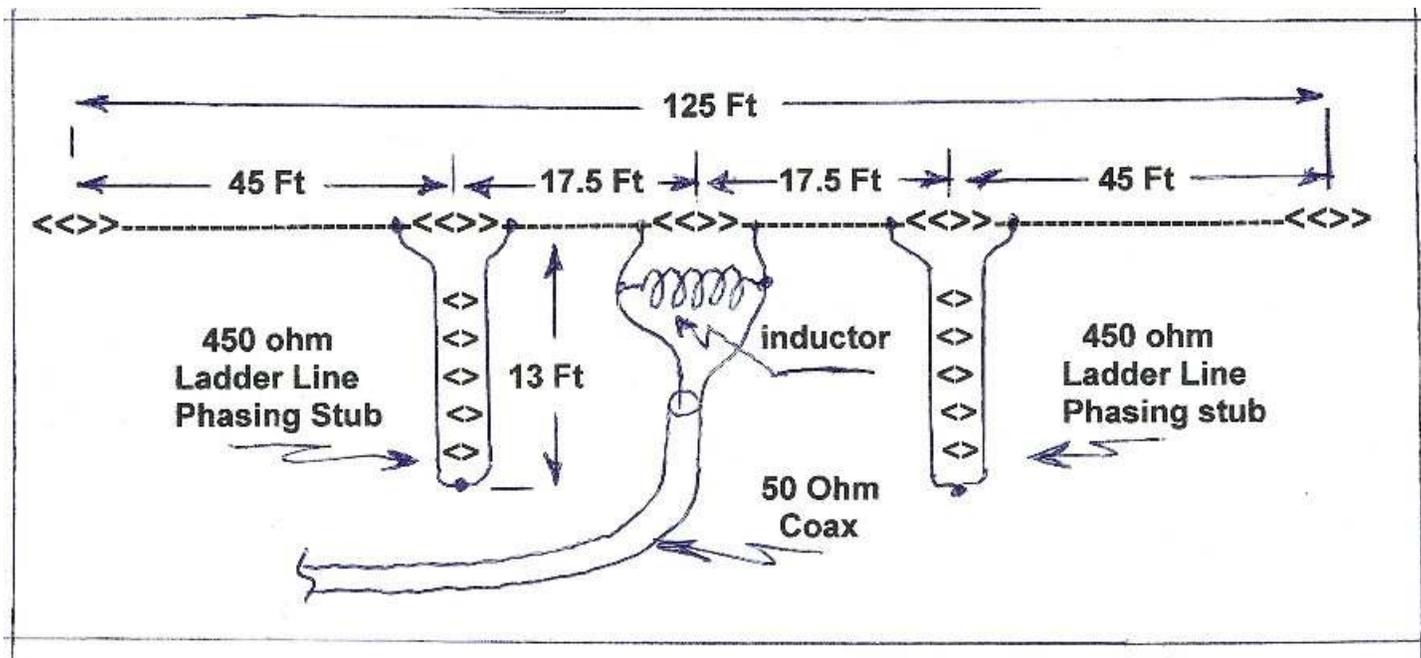
**May 30<sup>th</sup> and May 31<sup>st</sup>: SAFTLER'S FLEA MARKET**: Donate items to the Whitman club, to be sold at the club table. Volunteer time to help man the club table and help put the club station **WA1NPO** On-The-Air. Even better – set up a vendor table and sell your own yard sale items. Vendor spaces are \$25.00 per day.

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**SCUTTLEBUTT**: The **Bruce NI1X** reports that his Fritzel off-center-fed Windom antenna is in the air, thanks to help from **Richard Metcalf KB1TEH** and his trusty fishing pole for launching a line over the house and trees.

## TECHNICAL TOPICS -- HI GAIN 20-METER SINGLE WIRE ANTENNA

Paul Burbine N1VTI has been trying to improve the performance of the 20-Meter Base Station at Field Day for several years. Paul N1VTI had built a 20-Meter folded dipole with limited results. Last year he tried to set up a 20-Meter beam but the mast was not strong enough. Responding to this need - Jeremy Breef-Pilz KB1REQ found the details for a 20-Meter hi gain (11.2 db gain) single wire antenna on pg. 36 of the July 2009 issue of QST. It was decided to build this antenna as a club project for Field Day.



**MATERIAL NEEDED:** five insulators, 129 feet of copper wire, 28 feet of 450 Ohm ladder line, 60 inches of 16 gauge enameled copper wire (for the inductor) and a 1-½ inch diameter by 2 inch long coil form. A length of standard 50 Ohm Coax and some rope is all you need.

The QST article by **Robert Wilson AL7KK / VE7ZKK** details the inductor as follows: "The 5 microhenry inductor is made by wrapping 13 turns of 16 gauge enameled wire around a small section of 1-1/2 inch diameter PVC water pipe. The two holes should be drilled 1 inch apart for the ends of the wire"

It was suggested that you wind about five turns of the coax near the feed point into a six inch coil to act as a choke balun. Another suggestion was to hang weights on the ends of the two phasing stubs to keep them straight. The design dimensions are based on the antenna being 32.8 feet off the ground. The article stated that better gain and lower elevation angles will result with greater height.

**April 30<sup>th</sup> & May 1<sup>st</sup> - NEAR-Fest VII** - The New England Amateur Radio Festival (NEAR-Fest VII) will be held at the Deerfield, NH. fairground. **Ross Hochstrasser W1EKG** has advance sale tickets. Gates open Friday at 9:00 a.m. \$10.00 per person and \$10.00 per vehicle into the Flea Market. \$5.00 per person after 3:00 p.m. RV hookups (water and power) \$30.00 per camper. Take exit 3 off Rt. 101 East and head North on Rt. 43. Deerfield Fairgrounds is located on Rt. 43.

**MAY 30<sup>th</sup> - FARA QSO PARTY:** The Falmouth Amateur Radio Association (FARA) Club proposes a 2m QSO party, on Sunday, May 30 from 7:30 p.m. to 9:00 p.m. Purpose: To encourage local activity; to provide a 'gauge' for individual station capabilities; to provide an introduction to QSO Parties / contesting and to HAVE FUN - More details to follow.

**FOX HUNT -- SATURDAY, APRIL 17, 2010 By: "The Bruce" NI1X**

The Bruce NI1X volunteered to be the Fox on Saturday, April 17<sup>th</sup> and was found hiding beside the Gilbert Walker Playground on May Street which is off North Main Street in the north section of Brockton, near the Avon line. The weather was light rain.



Left to Right: **Dan Chase KB1SPB**, **Walter Fitzgerald W1WCF**, **John Chase KB1ODS**, **Jeanne Spalding KB1TEI**, **Richard Metcalf KB1TEH**, **Paul Moss KB1MTW**, **Kevin Dykes KB1MOC** and **Ron Stundze KB1OEQ**. Also participating but not present when the photo was taken were **Roy Logan KB1CYV** and **Barbara Rice K1MRH**.

First in to the Fox's Den was the team of **Gary Cumiskey W1GRC** and **Jeff Lehmann N1ZZN** in a time of 57 minutes. The Bruce NI1X had reported a fire truck passing by and **Gary W1GRC** turned to the Brockton Fire frequency and learned that the fire call was to 1000 North Main Street. We have resourceful Fox Hunters.

Second place, in a time of 1 hour and 1 minute, goes to the team of **Richard Metcalf KB1TEH** and first time Fox Hunter **Jeanne Spalding KB1TEI**. Third place, in a time of 1 hr. and 10 minutes, goes to **Walter Fitzgerald W1WCF**. Fourth place, in a time of 1 hr. and 16 minutes, goes to **Kevin Dykes KB1MOC**, Fifth place, in a time of 1 hr. and 24 minutes, goes to the team of **Paul Moss KB1MTW** and **Ron Stundze KB1OEQ**. Making the first top eight Fox Hunters possible was the team of **John Chase KB1ODS** and **Dan Chase KB1SPB** in a time of 1 hr. and 37 minutes. Also participating but not able to finish due to time restraints were **Roy Logan KB1CYV** and **Barbara Rice K1MRH**.



**Gary**  
**Cumiskey**  
**W1GRC**

**Bruce**  
**Hayden**  
**NI1X**

**Jeff**  
**Lehmann**  
**N1ZZN**

## FRAMINGHAM FLEA MARKET - April 11, 2010

Jim Ford NM1F and his daughter Emily along with Bruce Billings K1CWS set up vendor tables at the Framingham Flea Market this year.



Emily Ford  
SWL

Jim Ford  
NM1F



Matt Paine  
W1AXB

Bruce Billings  
K1CWS



Bruce Hayden  
NI1X



Dan Chase  
KB1SPB

John Chase  
KB1ODS



Jeff Lehmann  
N1ZZN

Dave Newman  
WB1EVP

The Framingham Flea Market, sponsored by the Framingham Amateur Radio Club, is always a good social event and a chance to have an eye ball to eye ball QSO with HAMS you have talked with over the air. The weather was great and there was a good turnout.

As always there were a couple of commercial distributors like Quicksilver Radio Products of Connecticut, that carry an extensive line of amateur radio parts. See [www.qsradio.com](http://www.qsradio.com)

**SCUTTLEBUTT:** Jim Havens W1GQN reports that he is looking for a 300-Watt autotuner. Are you aware of anyone local trying to sell one?

# NEW ENGLAND ANTIQUE RADIO CLUB VINTAGE RADIO SHOW AND SWAP MEET

Manchester Bingo Center – Manchester, NH - April 17<sup>th</sup>



**Ross Hochstrasser W1EKG**  
Instructor



**Jim Ford NM1F**  
at his vendor table

**Ross Hochstrasser W1EKG** reports: **John Wetherell** and I taught a class in old radio tips (powering up with a dim bulb or variac... etc) it went quite well!! **73's Ross W1EKG**

**Jim Ford NM1F** reports that he also went to the Flea at MIT on Sunday. "Well attended but very cold".

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## **MOTOROLA MTX-9000 FOR SALE By: Gary Cumiskey W1GRC**

**FOR SALE:** I have a Motorola MTX-9000. This is a 900 MHz hand held. It comes pre-programmed with all the freqs in it. Unit is in great shape with all led lights working and display is perfect. It puts out 4.75 watts on high and 1 watt on low. Comes with a new Motorola speaker mike and a brand new 2700 ma. nickel metal hydride battery. Also comes with new Dipole duck antenna. The charger is a Rapid Intelligent Charger. Asking \$200, contact **Gary-W1GRC** at 508-846-8000.



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**SCUTTLEBUTT:** **Paul Burbine N1VTI** reported that his Cushcraft R-7 came down in a storm and that he is in the process of rebuilding it from spare parts salvaged from **Ed's N1NTZ** lightning damaged R-5 antenna.



# 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

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, May 5th at 6:30 p.m.  
Whitman Public Library

## CLUB OFFICERS

President	Paul Burbine	N1VTI
V. President	Paul Moss	KB1MTW
Secretary	Jeff Lehmann	N1ZZN
Treasurer	Jeff Tracy	N1SOM
Director 2010	John Murphy	KB1PHN
Director 2011	Roy Logan	KB1CYV
Director 2012	Barbara Rice	K1MRH
Director Past Pres	Bruce Hayden	NI1X

Editor: Bruce NI1X

E-mail articles to: [ni1x@arrl.net](mailto:ni1x@arrl.net)

Web Master: Jeff N1ZZN

Web Site: <http://www.wainpo.org>

Club REPEATER 147. 225 MHz PL 67

Club EchoLink WAINPO-R Whitman MA USA

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

