



SPECTRUM



The Voice of the Humble Electron

Founded 1962

PRESIDENT'S MESSAGE: This is **John KB1SVY** – Whitman Club members can be heard over the airwaves having fun sharing ideas, chasing DX, building home projects and helping others install antennas. With the current sunspot cycle on the rise, it is a perfect time for the Technician class operators to upgrade and work the world.

Other Whitman Club members are preparing for emergencies by building Go Kits and honing their communication skills by participating in NETS and providing communication support for public service events like road races.



John Duprey
KB1SVY

HAVING FUN: **John Chase KB1ODS** volunteered to be the Fox on Saturday, March 3rd and reported 14 Fox Hunters participating. **Roy Logan KB1CYV** volunteered to be the Fox on Saturday, March 10th and reported 6 Fox Hunters participating.

PROVIDING A PUBLIC SERVICE: **John O'Neill KB1QEM** reports that 8 area HAMs from the South Shore Hospital Amateur Radio Club and the Whitman Amateur Radio Club teamed up to provide communication support for a Saint Patrick's Day Road Race in Norwell.

Bruce Hayden NI1X reported that he heard **Barry Kennedy N1EZH** (representing the city of Taunton), **Jim Madden KB1PFL** (representing Pembroke) and **Jeremy Breef-Pilz KB1REQ** (representing Mansfield) participating in the First Monday of the month MEMA / RACES Net.

TAPE MEASURE BEAM WORKSHOP: At the March meeting **Richard Metcalf KB1TEH** showed us his Fox Hunting directional antennas. There seems to be renewed interest in building directional antennas. After the meeting, **Bill Hayden N1FRE** volunteered to coordinate another tape measure beam antenna workshop. The workshop date will be discussed at the April meeting.

NEXT MEETING: At the April meeting we will have a presentation by **Steve Schwarm W3EVE** on Boston Marathon HAM Radio Communication.

73 From: John Duprey KB1SVY

NEW MEMBER: **Charlie Amico Jr. KB1WSZ** lives in Rockland with his wife **Susan**. **Charlie KB1WSZ** passed his Technician license in February.



Charlie Amico Jr
KB1WSZ

NEW MEMBER: **Steve Cohn N1NQR** lives in Randolph and holds an Extra Class license. **Steve N1NQR** has been volunteering as a VE at the Braintree testing sessions.



Steve Cohn
N1NQR

SECRETARY'S NOTES OF THE MEETING OF MARCH 7th, 2012 de KB1UBX

OPENING: President **John KB1SVY** called the meeting to order at 19:00 hours at the Whitman Knights of Columbus Hall.

ATTENDANCE: 49 members / guests were present, including three elected Officers and two Directors. A quorum was present.



Karen Trask
KB1UBX

KB1SVY	John Duprey	KB1WLX	Bill Robinson/Guest		
KB1UBX	Karen Trask	N1LRC	Randy Maille/Guest		
W1JT	Jim Tovet	SWL	Colben Laroe/Guest		
N1SOM	Jeff Tracy	N1RES	Bob Settle/Guest		
KB1OEQ	Ron Stundze	KB1PVC	Mike Dowd/Guest		
KB1IKH	Elayne Tovet	SWL	Michelle Duprey/Guest		
NI1X	Bruce Hayden	N1LNH	Chuck Ochs/Guest		
N1ZZN	Jeff Lehmann	KB1IUU	Bill Spear/Guest	W1AY	Bradford Wilson
KB1VGN	Stan Rydell	W1EKG	Ross Hochstrasser	N1SON	Bill Tracy
KB1CYV	Roy Logan	KB1REQ	Jeremy Breef-Pilz	K1WGU	Bob Bass
KB1TEH	Richard Metcalf	KB1WSZ	Charlie Amico, Jr.	WA1UMT	David Darois
KB1QEM	John O'Neill	N1FRE	Bill Hayden	W1GRC	Gary Cumiskey
N1LG	Ron McKim	W1JGR	John Ruppel	KC1JET	Jim Tynan
KB1PHN	John Murphy	KB1MOC	Kevin Dykes	WA1MWF	Larry Leblanc
KB1RXQ	Dino Casieri	KB1JBE	Joe Casieri	N1IQI	Loren Pimentel
KB1ODS	John Chase	AB1NA	Dave Elsner	N1LBV	Dan McCarthy
KB1PFL	Jim Madden	N1LQK	Dave Kaplan	KB1OEP	Michael Supple
KB1QKV	Mike Anderson	N1NQR	Steve Cohn	N1OYH	Carl Davis
KB1WKB	Jeff Ayres	K1AWB	Steven Laroe		

TREASURER'S REPORT: **Jeff N1SOM** read the treasurer's report for February. **Bill N1FRE** made a motion seconded by **Jim W1JT** that the treasurer's report be accepted as read. The motion was approved.

SECRETARY'S REPORT: A motion was made by **Jim KC1JET** seconded by **Bruce NI1X** that the February secretary's report be accepted as published in the newsletter. The motion was approved.

HEALTH & WELFARE: **Paul Burbine N1VTI** was recently in the hospital and is home now. **Barbara K1MRH** will send a get-well card.

OLD BUSINESS: The ICOM-756PRO has been repaired. **Jeff N1ZZN** will buy a case for one of the club radios to try out a particular brand that seems to be both inexpensive and durable enough for the club's needs.

John KB1SVY reports that some research into new projectors reveals that we will need to spend approximately \$450.00 for a decent one. **Jeff N1ZZN** made a motion seconded by **Jim KC1JET** that the club appropriated \$500.00 for a new projector. The motion carried.

NEW BUSINESS: A reminder that the weekend of May 27th and 28th (Sun. and Mon.) will be the Memorial Day flea market for the WARC. **Jeff N1SOM** spoke with **Richard** at the K of C and it looks like we are all set for that weekend.

May 4th and 5th is NEARFest this year. **Ross W1EKG** reported that there was not as yet a signed contract. He will update club members as soon as more information becomes available.

SECRETARY'S NOTES OF THE MEETING OF MAR. 7th, 2012 Cont: de KB1UBX

NEW BUSINESS Cont: **Bill N1FRE** notes that one of our canopies was broken and that a new one would be needed. He made a motion seconded by **John KB1QEM** that the club purchase a new one with a budget of \$200.00. The motion carried. **Brad W1AY** will research getting the club logo on the canopy.

Bill N1FRE noted that last year we donated \$400.00 to Dollars For Scholars and made a motion to donate \$500.00 this year. **Jeff N1ZZN** seconded the motion. The motion carried.

Brad W1AY stood and addressed the club. He spoke about the many years of service and commitment of both **Bruce N1X** and **Bill N1FRE**. He made a motion that they be offered memberships for life in thanks for their combined contributions to the WARC. **Jim KC1JET** seconded the motion and further suggested that they receive a plaque as well. The motion carried.

Jeff N1ZZN requested that when folks are using the repeater that they remember to unkey for the courtesy tone.

John KB1QEM notes that **W1SSH** South Shore Hospital has several opportunities for HAM radio operators to volunteer for road races. Coming up are March 17th in Norwell and April 22nd in Plymouth. Please get in touch with **John O'Neill KB1QEM** if you are interested in participating. Also, several area hospitals are interested in forming a HAM radio network. So far South Shore Hospital, Falmouth, Sturdy Memorial, Emerson, and Newton-Wellesley hospitals will be participating. Although in the early planning stages it is likely that these facilities will be looking for HAM radio operators in the future.

Jeff N1ZZN notes that March 25th is the Framingham Club's Flea Market at the Keefe Technical School in Framingham, MA.

John KB1SVY suggested that we offer our new member **Charlie Amico KB1WSZ** a free one-year membership. **Roy KB1CYV** made the motion seconded by **Richard KB1TEH**. The motion carried.

A motion was made by **John KB1PHN** and seconded by **Jeff N1ZZN** that the membership application for **Steve Cohn N1NQR** be accepted. The motion carried.

NET CONTROLS: March 11th **Steve K1AWB** March 18th **Jeff N1SOM**
 March 25th **Ross W1EKG** April 1st **Bruce N1X**

CLOSE: President **John KB1SVY** closed the business meeting at 19:25 hours on a motion by **John KB1PHN** seconded by **Brad W1AY**. The motion was approved.

Following the business meeting **Richard Metcalf KB1TEH** gave a demonstration on "Building the Handi-Finder Kit".

HONORARY MEMBERS: **Bruce Hayden N1X** and **Bill Hayden N1FRE** were voted in as Honorary Members for their years of dedication and commitment to the Whitman Amateur Radio Club.

Both are 1986 graduates of the Pine Street School of Excellence and have been active with the Whitman Amateur Radio Club for the past 25 years.



Bruce Hayden N1X

Bill Hayden N1FRE

TECHNICAL TOPICS -- FOX HUNTING -- DIRECTIONAL ANTENNAS



Richard Metcalf KB1TEH at the Whitman Club March meeting



Tape Measure Beam



2-Element close spaced
Tape Measure Beam

Richard KB1TEH told the group that he has been a HAM for about 3 years and enjoys Fox Hunting.

He started by making the conventional 3-element tape measure beam.

He then found the instructions on how to make a very unique 2-element close spaced beam that consists of a driven element and a director.

He has been experimenting with the Handi-Finder Directional Finding Kit for over a year now.

Richard KB1TEH just picked up a Doppler system that includes an antenna that consists of four vertical dipoles. A design used on Coast Guard boats.

FUTURE WORKSHOP: Because of the interest – after the meeting – **Bill Hayden N1FRE** volunteered to conduct another Tape Measure Beam workshop. All material will be supplied at cost and all the necessary tools will be supplied. To be discussed at the April meeting.



Doppler Antenna
four vertical dipoles

BUILDING THE HANDI-FINDER KIT By: Richard Metcalf KB1TEH

Richard KB1TEH explained: "I found a Radio Directional Finder Kit on the Internet that uses the Time-Difference-Of-Arrival principle of operation. The null in the tone signal that is superimposed on top of the voice signal, indicates the direction of the fox.

The original article appeared in the May 1993 issue of QST magazine. The **Handheld Directional Finder (The Handi-Finder)** kit sells for \$27.95 plus \$6.00 shipping and handling. The Kit is available from Northern Ohio Amateur Radio Development Inc. PO Box 271 Brunswick, OH 44212 – Tel 330-225-7373. You provide the antenna elements and mounting frame.

The original design calls for two open-loop antennas, made from coat hanger wire and bent into halves of a "bow-tie" shape and mounted directly to the circuit board with the lower end connected to the plastic circuit board but not the grounded layer. My second design was made of four 18 inch telescopic antenna whips made from old TV rabbit ears. My third design was made from four 18 inch tape measure elements".



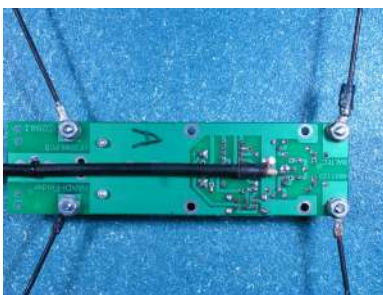
Bow-Tie Design



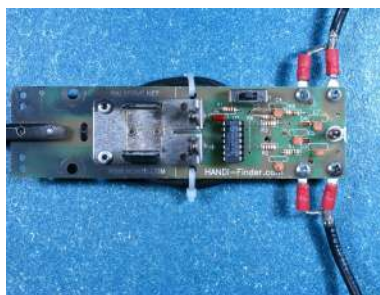
Telescopic antenna elements



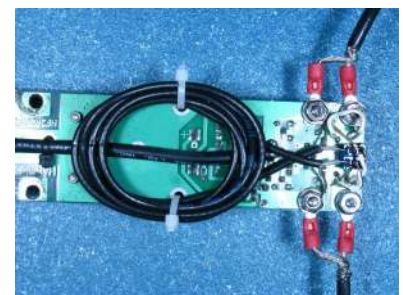
Tape measure design



Original design



Top view



Modified design

In the original design, the signal direction is perpendicular to the plane of the antennas and you could not tell if the signal was coming from the front or back direction. There is a sense mode modification that makes the Handi-Finder one directional. Basically the coil of mini coax shown in the photo is switched in series as a delay line to change the null to favor one of the dipoles. This solves the 180 degree direction ambiguity after establishing the true null direction

Have Fun - From: Richard Metcalf KB1TEH

FOX HUNT OF SATURDAY, MARCH 3, 2012 By: "The Bruce" NI1X

It was a dark and stormy night. We woke up Saturday morning March 3, 2012 to overcast skies and light rain but the temperature was 40 degrees and rising – no snow. **John Chase KB1ODS** had volunteered to be the Fox and was hiding in the back of the Fern Hill Cemetery overlooking the west side of Wompatuck pond off High Street in Hanson.



Bruce Hayden NI1X

John Chase KB1ODS

John Murphy KB1PHN

Judy Attaya-Harris KB1SRO

Gary Cumiskey W1GRC

Walter Fitzgerald W1WCF

Fred Sandford KB1CDQ

John Wittey N1PRK

Diane Smith KB1QNB

Richard Metcalf KB1TEH

The Bruce NI1X started in Whitman at the designated rendezvous point under the Johnnie's Foodmaster sign, beside the Cumberland Farm Gas Station, at the intersection of Rt. 18 and Rt. 27. **The Bruce NI1X** got an initial reading of 115 degrees magnetic that turned out to be only 7 degrees off the location of the Fox's Den. A second reading on Rt. 58 pointed right at the Fox's Den making it possible for **The Bruce NI1X** to come in first in a time of 21 minutes.

Second place goes to **Richard KB1TEH** who started in Hanover and headed towards the Hanson Town Hall. A look at **Richard's KB1TEH** GPS tracking program that was superimposed on his portable lap top computer mapping program showed that he took a slight detour along the east side of Wompatuck pond before circling back and checking out High Street and finding the Fox's Den in a time of 40 minutes.



William Morse KB1GVB - rear

Wade Morse KB1TXA - front

Grant SWL – sleeping in back

FOX HUNT OF SATURDAY, MARCH 3, 2012 Cont: By: "The Bruce" NI1X

Third place goes to **John Murphy KB1PHN** and **Molly** who found the Fox's Den in 1 hour. Fourth place goes to **Gary Cumiskey W1GRC** in 1 hour and 7 minutes.

Judy Attaya-Harris KB1SRO reports: "**John Williams KB1EVY** met **John Wittey N1PRK** and I (**KB1SRO**) on Rt. 24 and followed us through Bridgewater on Rt. 18 up to the FoodMaster Plaza in Whitman where we all took our own first reading.

Both **John KB1EVY** and **John N1PRK** used their HT's with body fading and I used my direction antenna that I got from **Richard KB1TEH** and it seemed that the Fox was south of us. We then went back (south) on Rt. 18 and took a reading at the Medical Building next to the old Saftler's - all using our own equipment. My reading told us to go east on route Rt. 14 so we proceeded. **John KB1EVY** used ferrite toroids on his HT which also told him to take Rt. 14 and **John N1PRK** used his HT with body fading.



**John KB1ODS – The Fox
John KB1PHN & Molly**

I continued to use my directional tape measure antenna as we drove down RT. 14 and 2 more measurements told us to continue until we reached the junction of Rt. 27. The signal was very strong going east on Rt. 14. We proceeded east on Rt. 14 after crossing Rt. 27 and proceed to Hanson Center.

At the plaza I jumped ship to **John's KB1EVY** car and proceed to the big building next to the pond. **John N1PRK** was somewhere behind us traveling too slow, Hi Hi. We - **John KB1EVY** and I (**KB1SRO**) proceeded to the left side of the pond and the signal strength got weaker. I was then using my HT with a paper clip.

John KB1EVY had to leave for a family emergency. I jumped out and jumped into **Walter Fitzgerald's W1WCF** truck where I stayed till the end and came in to the Fox's Den with **Walt W1WCF** - Great Fox Hunt!!" -- 73 From: **Judy KB1SRO**.

Along with **Judy KB1SRO**, **Walter W1WCF** and **John N1PRK** we also had the team of **Fred Sandford KB1CDQ** and **Diane Smith KB1QNB** followed by the team of **William Morse KB1GVB** and **Wade Morse KB1TXA** along with **Wade's KB1TXA** 3 – ½ year old son **Grant SWL**. Everyone reported great signals from the church parking lot on High Street.

QSL CARD OF THE MONTH

AERONAUTICAL MOBILE

Joe Casieri KA1JBE made contact with **Bernie Krasowski KD5QHV** while operating as **WA1NPO** on 10-Meters from Plimoth Plantation back on November 26, 2011.

Bernie KD5QHV flies a Cessna Citation Sovereign 680 Business Jet for a private company out of El Paso, Texas and reported that he was at 40,000 feet over the Caribbean.



March 10, 2012 Volunteer Examiners (VEs) in Braintree



Ron McKim N1LG

Steve Cohn N1NQR

Brad Wilson W1AY

Pi Pugh K1RV

Karen Trask KB1UBX

Tom Holmes AE1TH

Photo by Jeff KB1WKB

Bill Needham K1WN Standing

NEXT VE SESSION April 14, 2012. VE sessions are held the 2nd Saturday of every other month, in Braintree. Contact **Bill Needham, K1WN**, at 781-843-4400 or via email at k1wn@aol.com Walk-ins are no longer permitted. **Bill K1WN** reports: "We will be hosting VE exams at 8:45 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 call me or send an E-Mail to confirm a reservation".

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. Make up a National Traffic System (NTS) traffic message and send it to a friend. We also encourage everyone to try your hand at Net Control. Contact **Bill N1FRE** or **Bruce NI1X** for a Net Control handout.

In February we had 4 sessions with an average of 25 area HAMS checking in each week and 12 messages were sent.

During the month – checking in via EchoLink were: **Jim Tynan KC1JET** who checked in from North Pole, Alaska where he was attending a wedding and getting in some vacation time. Also **Chin 9M2CW** checked in from West Malaysia, **Juergen DL1NBR** checked in from Germany and **Gary Dubinsky KB1STU** and **Tom Wilson W1ICU** checked in from Florida.



Jim Tynan KC1JET
In North Pole, Alaska

FOX HUNT OF SATURDAY, MARCH 10, 2012 By: The Bruce" NI1X

Roy Logan KB1CYV and Ron Stundze KB1REQ volunteered to be the Foxes and were hiding behind a dumpster beside the shopping mall on Rt. 28 in West Bridgewater at the Brockton line. The weather varied from snow flurries to blue skies as the temperatures went from 35 to 40 degrees. Another great day for a Fox Hunt.



Bruce Hayden NI1X

Ron Stundze KB1REQ

Dave Spalding N1LUM

Gary Cumiskey W1GRC

Roy Logan KB1CYV

Richard Metcalf KB1TEH

First in was the team of **Bruce Hayden NI1X** and **Dave Spalding N1LUM** in a time of 36 minutes. They started on Rt. 18 just south of East Bridgewater center and all readings pointed towards the Fox's Den as they worked their way towards Rt. 28 and the Brockton line. The 50db null on the back of the tape measure beam was working.

Second place goes to **Gary Cumiskey W1GRC** in 38 minutes who employed a sneaky diversionary tactic that allowed him to find the Fox's Den before **Richard KB1TEH**. **Gary W1GRC** had started at the Bridgewater - Raynham High School and was working his way east and north towards the Fox's Den when he was stopped at one of the railroad crossings in Bridgewater where he held his mike open for a few seconds on the Fox Frequency as the train went by and blew it's whistle.

Richard Metcalf KB1TEH had started from the same Bridgewater - Raynham High School area and happened to be stopped at the Railroad crossing on Rt. 106 in West Bridgewater, heard the transmitted whistle on the Fox frequency and then saw the train go by a few minutes later. This caused **Richard KB1TEH** to double back and gave **Gary W1GRC** a chance to find the Fox's Den before **Richard KB1TEH**. Sneaky Fox Hunters. Trust your equipment.

FOR SALE: E.F.Johnson – Low Pass Filter – 52 ohms in original box. Seldom if ever used – Price \$10.00 Contact **John Alley W1DMD** at E-Mail john.alley@verizon.net

Problem Solver – no problem!

In the problem solver section of a local newspaper on Jan. 21, Charles Amico Jr., a disabled vet, requested that someone help him pursue the hobby of amateur radio. He said he needed some ham equipment to get started, as he has been studying for the required license examination.

Whitman Amateur Radio Club President John Duprey KB1SVY spearheaded the effort to help solve this problem. After making contact with Charlie, he invited him to the regular WARC club meeting held at the Knights of Columbus in Whitman to meet some of the members.

The following Saturday, Charlie took and passed his Amateur Technician Class license at the Braintree test session. The widow of a former clubmember, graciously donated her late husband's ham equipment to new ham Charlie KB1WSZ.

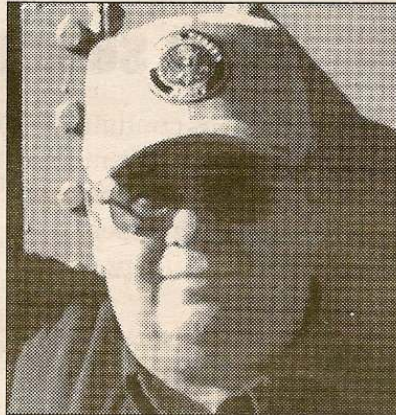
Charlie made his first ham radio transmission and contact on Sunday morning, Feb. 19, during the Whitman Amateur Radio public service net, with 38 other area hams participating.

Although a local FM repeater system, an Internet connection called EchoLink provides worldwide communication as well. This morning a ham from Germany checked in to join Charlie and the group as well.

This local Sunday morning network, (NET), on frequency 147.225 MHz. was established some 23 years ago where any ham can check in over the air and share general comments and information of interest with all listeners. The underlying purpose of the net is to test everyone's equipment and to establish a 2-meter frequency in the event of an emergency. This Whitman Club 2-meter repeater system is working 24/7, and can be offered to help out during times of emergency to any community in Plymouth County.

Charlie was understandably excited and very grateful for all the help given by club President John Duprey, as well as all other members of this community based amateur radio organization. Charlie plans to join the Whitman club at the March meeting. Welcome aboard Charlie.

Bill Hayden N1FRE, Whitman ARC
Washington Street, Whitman



HELPING HAMS: Charlie Amico Jr., reached out for help to pursue a hobby in amateur radio. He was assisted by Whitman Amateur Radio Club President John Duprey and is now a licensed operator.

Photo courtesy of Bill Hayden

ST. PATRICK'S DAY ROAD RACE IN NORWELL By: John O'Neill KB1QEM

The South Shore Amateur Radio Club (SSHARC) was asked to provide communication support for the St. Patrick's Day Road Race in Norwell. **John O'Neill KB1QEM**, President of the SSHARC, extended an invitation to area HAMs. Group photo thanks to **Jeff Ayres KB1WKB**.



John O'Neill KB1QEM

Roy Logan KB1CYV

Stan Rydell KB1VGN

Paul Moss KB1MTW

Karen Trask KB1UBX

John Barbuto K1BBM

Joan Cooper-Zack KB1UBZ

Jeff Ayers KB1WKB

John O'Neill KB1QEM reports: "This was a 4 mile road race that started on the Norwell Common. I was Net Control at the Start / Finish line with the race officials and the rest of the Radio Team were positioned along the race course at major intersections to assist with runner safety and race operations. We used the new Norwell repeater (145.390 MHz) for our operations and coverage was excellent.

These races are an excellent way to get involved for anyone interested in public service or helping charities. Short races such as these only take about 2 hours and are fairly low key. This is a great way to "get your feet wet" in public service.

We have more opportunities coming up shortly for any licensed HAM that is interested. We will be providing communications for a race in Plymouth at the Miles Standish Forest on April 22nd, Halifax on May 6th, Hingham at Wompatuck State Park on June 16th, and last but not least our largest race Sept 8th in Plymouth when 3 separate race courses with a combined total of approx. 2000 runners converge on the finish line at Plymouth Rock.

If you are interested in assisting with any of these events please send an email to SSHARC@gmail.com Give your name, callsign, phone number to reach you at, and the races(s) you would like to assist with. Usually all that is required is a 2 meter portable with a fully charged battery".

MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY (MEMA)
RADIO AMATEUR CIVIL EMERGENCY SERVICE (RACES) – UPDATE

MEMA / RACES UPDATE MEETING: Bruce Hayden N11X reported that he (N11X) along with Whitman Club members **Barry Kennedy N1EZH**, **Jim Madden KB1PFL**, **Paul Moss KB1MTW** and **Phil McNamara N1XTB** attended the Statewide March 25th RACES update meeting in Sutton, MA. **Mike Neilsen W1MPN**, the Acting State RACES Officer, explained to the approximately 110 RACES volunteers in attendance that the Massachusetts Emergency Management Agency (MEMA) will no longer be using amateur radio as their backup radio communication system. They will use their own commercial radios that do not require an amateur radio license to operate.



Mike Neilsen W1MPN
Acting State RACES Officer

Mike W1MPN also explained that the cities and towns involved in the Plymouth Evacuation Plan for the Plymouth Nuclear Power Plant will still use Amateur Radio Civil Emergency Service (RACES) registered volunteers and amateur radio as a backup communication system because it is written into the Plymouth Evacuation Plan.

In March – during the first Monday of the month MEMA / RACES Net - **Barry Kennedy N1EZH** checked in for Taunton, **Jeremy Breef-Pilz KB1REQ** checked in for Marshfield and **Jim Madden KB1PFL** checked in for Pembroke. This MEMA amateur radio NET will continue to operate on the First Monday of the month to test equipment and simplex operation.

MEMA -- AUXILIARY COMMUNICATIONS SYSTEM (ACS) VOLUNTEERS

MEMA will transition to Auxiliary Communications System volunteers where communication between MEMA Framingham and the local cities and towns will be a combination of Web EOC and the MEMA VHF radios that are linked through a statewide REPEATER system. The volunteers will be expected to perform duties other than direct radio communication, like answering phones, operating fax machines and gathering intelligence (storm damage) information.

Mike Neilsen W1MPN has assembled a team that includes all the ARES Section Managers and District Emergency Coordinators and they are drafting a memo of understanding that will detail future ARES involvement where MEMA becomes one of the ARES clients. The team has volunteered to help MEMA develop an ACS program modeled after the highly successful ARES SKYWARN reporting program. Representing the HAMS in our area are **Carl Aveni N1FY** – the ARRL ARES Eastern Mass. Assistant Section Manager and **Phil McNamara N1XTB** – the ARRL ARES District Emergency Coordinator for South Shore Operations. More details as the program develops.

All amateur radio operators and former RACES volunteers are encouraged to sign up and register your availability with ARES, if you have not done so already.

Phil McNamara N1XTB, who helped develop the ARES Data Base, says – “To register with ARES - go to the ARES Web page at: <http://ares.ema.arrl.org> At the ARES Home Page – Left side – click on **Join Us** Then click on the link to the **Eastern Mass online Database and Registration Form**”.



Carl Aveni N1FY
Phil McNamara N1XTB

PRESENTATION AT THE TAUNTON AREA COMMUNICATION GROUP
ON “GO KITS” By: Frank O’Laughlin WQ10 and Dan Howard K1DYO



Dan Howard K1DYO
ARES Asst. DEC for CC

Frank O’Laughlin WQ10
ARES DEC for Cape Cod

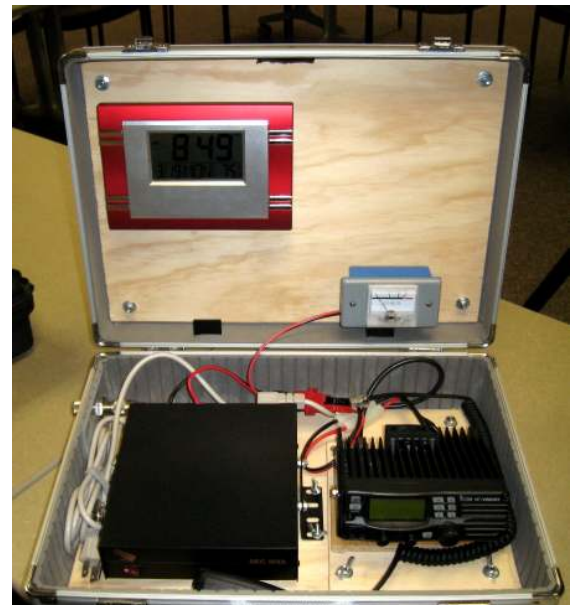
Greg Glynn W1VFB – President of the TACGroup, extended an invitation to all area HAMS to attend the TACGroup March meeting and hear **Frank O’Laughlin WQ10** – the ARES District Emergency Coordinator (DEC) for Cape Cod, give his presentation on Emergency Communication and Go Kits in particular. He was assisted by **Dan Howard K1DYO**.

After hearing **Frank WQ10** - it is obvious that **Frank WQ10** has a passion for being prepared and testing equipment during simulated emergency tests. Because of this dedication to backup amateur radio communication between the local Emergency Operations Centers and Hospitals, the Cape Cod communities are better prepared for hurricanes (The Big One) or other emergencies.

Frank WQ10 has been assembling Go Kits for some time. He started by using quality Pelican 1500 cases and has been recently evaluating (good rating) Bolton M138 cases at half the price. The basic Go Kit shown here includes a transceiver and power supply. A PACKET Go Kit consists of a transceiver, power supply, terminal node controller and lap top computer. Some include a 5ah or 7ah Sealed Lead Acid Battery and small charger. **Frank WQ10** had a portable tripod antenna mount and demonstrated a variety of attachments for 2-Meter / 440 MHz antennas along with attachments for HAM stick antennas for use on the HF bands.



PACKET Radio Go Kit



2-Meter / 440 MHz Go Kit

THE JUMP KIT -- A BACKPACK READY TO LOAD AND GO

Frank O'Laughlin WQ1O and Dan Howard K1DYO brought Dan's K1DYO back pack they called a Jump Kit or Expedition Kit that is used by first responders who are deployed for portable, short term duration, and may have to travel part way by foot. The first responders would be followed by other volunteers transporting the more extensive and heavier Go Kits cases. They explained that it would be nice to have the following list of items in a fully equipped Jump Kit that is ready to grab, load in the car, and be on the go in a moments notice.

No.	Quantity	Item	INV
1	1	2m/440 Dualband HT or 2m HT, battery, charger, and AA cell pack	
2	1	2m 30w Small brick amplifier	
3	1ea	Gain Antenna for 2m/440 HT: thin whip and thick whip type	
4	1	Wall wart 500ma 12vdc smart battery charger	
5	1 ea	1-5ah and 1-7ah Sealed Lead Acid Battery	
6	1ea	2 pads of paper + 2 mechanical pencils	
7	25	Message forms	
8	1	ARES FSD Forms and Lists (Frequency list etc.)	
9	1	LED AA Flashlight	
10	1	FCC license and ARES ID	
11	1ea	Cell Phone with extra battery, AC and DC Charger	
12	1	Leatherman Pocket Type Tool	
13	1	25' of coax cable RG-8X Type	
14	1	Package of extra fuses (3 of each type needed)	
15	1ea	Duct Tape and Electrical Tape (small rolls)	
16	1	Speaker Mic for HT	
17	1ea	Radio Manuals and Instructions (including cheat sheets)	
18	1	Small Clipboard	
19	3	Fused DC power cords with powerpoles	
20	1	DC power polarity tester (LED) with power poles	
21	1	Powerpoles to cigarette male	
22	1	Powerpoles to cigarette female	
23	1	Powerpoles to medium insulated alligators	
24	1	Cigarette Y-adaptor (male to 2 females)	
25	1	25' of rope or Dacron	
26	1	Set of 5 Velcro straps	
27	1ea	RG-8X Patch cables 2', 3', 4' and 12'	
28	1ea	12 pack of AA alkaline and 12 AAA Alkaline Batteries	
29	1	Headphones with 1/4" and 1/8" plugs	

THE JUMP KIT -- A BACKPACK READY TO LOAD AND GO Cont:

No.	Quantity	Item	INV
30	1	Emergency Cell Phone Charger (Alkaline Powered)	
31	1	Ground independent 2m/440 antenna AND/OR roll up J-Pole	
32	1	Clamp mount with SO-239 type connector (home brew or comm.)	
33	1 ea.	SAE + Metric Hex Key Set	
34	1	HT Boom Mic (optional)	
35	1	Window antenna mount SMA or BNC	
36	1	Powerpole Distribution Box (1 in-3 out) or Red-Dee type	
37	1-2	ARES Fast/slow Combo 13.8V charger for 12v batteries	
38	3	PL-258 Barrel connector	
39	1	SO-239 to BNC M adapter	
40	1	SO-239 to SMA M adapter	
41	1	PL-259 to BNC F	
42	1	BNC M to SMA F	
43	1	SO-239 to N (male)	
44	1	PL-259 to N (female)	
45	1	PL-259 to SMA F	
46	1	PL-259 M SO-239 right angle	
47	1 pkg	Nylon tie wraps assorted	
48	1	Small first aid kit	
49	1	Water bottle (full)	
50	1-2	Small snacks	
51	1-2	One Gallon zip-lock freezer bags	
52	1	Rain suit and/or poncho	
53	1	Mini magnetic mount antenna w/ RG-174 <i>thin</i> cable SMA/BNC	

UPCOMING EVENTS

APRIL 22 - ROAD RACE: Sunday 10:30 a.m. Charge Pond - Miles Standish State Forest in Plymouth.

To volunteer – contact **John O’Neill KB1QEM** – President – South Shore Hospital Amateur Radio Club at E-Mail oneilljr@gmail.com – who is coordinating the Radio Team for this event.

MAY 4TH & 5TH - NEW ENGLAND AMATEUR RADIO FESTIVAL (NEAR-Fest)

Directions: take Rt. 93 north to Rt. 101 East. Take Exit 3 Rt. 43 and follow Rt. 43 for 7.3 miles to the Deerfield Fairgrounds, Deerfield, NH.

Ross Hochstrasser W1EKG reports: “I spoke with **Mr. Mike** and he informed me that the camping details have been worked out with the fair people. The up-to-date info is available on the NEAR-Fest website. www.near-fest.com . It looks like campers (RV’s, trailers etc) will pay \$30.00 per night and tenters will pay \$15.00 per night”.

ANTENNA PARTY

John Miller N1UMJ and his wife **Jessica SWL** moved to a new location in North Taunton and **John N1UMJ** put out a call for some help installing outside antennas.

A 2-Meter vertical - the short one in the photo - was installed by the team of **Jim Tynan KC1JET**, **Walter Fitzgerald W1WCF**, **John Frye N1OTY** and **Ken Campbell WG1U**.

A 900 MHz antenna – the tall one in the photo – was installed by the team of **Bruce Hayden N11X**, **Paul Moss KB1MTW** and **Richard Metcalf KB1TEH**. HAMs are always ready to lend a helping hand.

Richard KB1TEH also pounded a support pipe in the ground for possible use with a future HF vertical antenna. **John N1UMJ** currently has a HAM Stick mount clamped to the aluminum porch railing that provides him with limited HF operation.



John Paul Richard
N1UMJ KB1MTW KB1TEH

ANTENNA PARTY: **Jeff Ayres KB1WKB** reported that he had help from **Joe Casieri KA1JBE** in installing a 40 Meter dipole and is now on HF. **Ken Kavaljian KB1KVL** reports that he installed a modified vertical antenna for 10- Meters. But we have no pictures to prove it really happened. Hi Hi.

UPCOMING EVENTS

Titanic One Hundred Years Amateur Radio Event, Operators Needed

APRIL 12TH THRU 15TH 2012 CHATHAM MARCONI MARITIME CENTER, CHATHAM, MA.

Licensed General, Advanced, and Extra class operators needed to operate at the Chatham Marconi Maritime Center, Chatham MA. See <http://www.chathammarconi.org/>

Sign up for operating times in blocks of 2 hours, you can sign up for more than one block. As of January 11, 2012 we need:

CW operators 24 hrs/day between April 12th at 8 AM and April 15th at 4 p.m.

Voice operators at night Thu-Sat, April 12th - evening of April 14th

Voice operators daytime on Saturday and Sunday, April 14th and 15th.

PSK operators 24 hrs/day April 12 at 8 am-April 15th at 4 p.m.

E-Mail **Barbara Dougan, N1NS/KM1CC** trustee, badougan@gmail.com with the following info.

Call Sign: _____

License Class: _____

Name: _____

Cell or home phone number: _____

Please indicate whether you want to operate CW, Phone, or Digital-PSK along with your preferred operating times.





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: WAINPO

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, Apr. 4th at 7:00 p.m.
Whitman Knights of Columbus

Club REPEATER 147.225 MHz PL 67

Club IRLP Node 8691

Club EchoLink WAINPO-R Whitman MA USA -- Club EchoLink Node 484193

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

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