



# SPECTRUM



The Voice of the Humble Electron

Founded 1962

**PRESIDENT'S MESSAGE:** This is **John KB1SVY** – We were saddened to hear that area HAM **Ted McCaw N1WAI** became a **Silent Key (SK)** on November 27, 2011. Our condolences to **Ted's N1WAI SK** family and friends.

The Plimoth Plantation Special Event was a great success with 28 Whitman Club members and 7 area HAMS participating. The Radio Team made 652 contacts with 44 States and Puerto Rico, 22 Foreign Countries and 6 Canadian Provinces. See the Plimoth Plantation 2011 Special Issue Newsletter.



**John Duprey**  
**KB1SVY**

**PROVIDING A PUBLIC SERVICE:** **Barry Kennedy N1EZH** participated in Red Cross Shelter Training with the Taunton Emergency Management Agency.

**PROMOTING AMATEUR RADIO:** **Joe Casieri KA1JBE** gave a Show and Tell demonstration of his Remote Base Operation to the Taunton Area Communication Group (TACGroup) and the Massasoit Club at their November meetings. **Jim Tovet W1JT** gave a presentation on PACKET radio at the Genesis Club November meeting. Several members reported participating in SKYWARN Recognition Day on December 4, 2011.

Our next meeting is Wednesday, January 4, 2012 – Another year gone by. Come to the January meeting and let us know if Santa left you any radio goodies this year. Wishing everyone a happy holiday season and a healthy New Year.

**From: John Duprey KB1SVY**

## **HO HO HO AND A MERRY CHRISTMAS FROM SANTA**

The crew at the South Shore Hospital Amateur Radio Club were in contact with Santa at the North Pole again this year. **Paul Moss KB1MTW** reports that with the help of **Jim Tovet W1JT**, **Stan Rydell KB1VGN**, **Bob Keaney KB1UCA**, **Dianne Stark KB1UCE**, **John Barbuto K1BBM** and **Joan Cooper-Zack KB1UBZ** several young patients and their family members at the South Shore Hospital were able to talk with Santa at the North Pole. All the young people received a special Santa QSL card like the one shown here made out to **Paul Moss KB1MTW**.

**Merry Christmas**



**This card acknowledges that:**

**Paul Moss**

**Spoke with Santa Claus at the North Pole via two way amateur radio from the South Shore Hospital on December 21, 2011.**

**Signed: Santa Claus**

**South Shore Hospital Amateur Radio Club**

# Secretary's Notes of the Meeting of December 7, 2011 de KB1UBX

**OPENING:** The meeting was called to order by president **John Duprey KB1SVY** at 7:00 p.m. at the K of C hall in Whitman.

**ATTENDANCE:** 37 members / guests were present, including the four elected Officers and two Directors. A quorum was present.



Karen Trask  
KB1UBX

KB1SVY	John Duprey	SWL	Lt. Scott Billings Guest		
KB1UBX	Karen Trask	SWL	Michelle Duprey (Guest)		
KB1MTW	Paul Moss	SWL	Henry Thomas (Guest)		
KC1ML	Mark Loring	SWL	Bill Robinson (Guest)		
N1ZZN	Jeff Lehmann	WA1GMH	Fred Reader (Guest)		
N1NTZ	Ed Meehan	W1EKG	Ross Hochstrasser		
KB1TEH	Richard Metcalf	K1VU	Bob Johnson		
N1IQI	Loren Pimentel	N1VTI	Paul Burbine	KB1QEM	John O'Neill
N1FRE	Bill Hayden	KB1IKH	Elayne Tovet	WA1ZKK	Al Craddock
W1JT	Jim Tovet	WA1YZH	David Gurney	KB1VGN	Stan Rydell
N1EZH	Barry Kennedy	W1SM	Al Drollett	KB1PHN	John Murphy
N1OYH	Carl Davis	KB1ODS	John Chase	N1COP	Bob Woodbury
W1BON	Bump Studley	KB1PFL	Jim Madden	KB1WKB	Jeff Ayres
W1AY	Brad Wilson	KC1JET	Jim Tynan	W1JGR	John Ruppel
N11X	Bruce Hayden	KA1KIJ	Bob Azanow		

**TREASURERS REPORT:** The treasurer's report for November was read by **Jeff N1SOM**. **Brad W1AY** made a motion seconded by **Bruce N11X** 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 **Brad W1AY**, that the November secretary's report be accepted as published in the newsletter. The motion was approved.

**HEALTH AND WELFARE:** **Barbara K1MRH** sent a report that she sent a get well card to **Frank N1OGP** as well as a sympathy card to the family of **Ted McCaw N1WAI SK**.

**OLD BUSINESS:** Plimoth Plantation - **Jeff N1ZZN** reports that additional equipment is needed which includes a laptop for each radio, cases for the radios, an auto antenna tuner for the 706 radio, and repair of a broken jack for the earphones on the Icom IC-756 radio.

A discussion ensued regarding the repair of the R5000 and its costs as well as possible future sale of the radio (please see NEW Business for final resolution).

The Whitman Amateur Radio Club welcomed two new members- **Jeff Ayres KB1WKB** and "**Bump**" **Studley W1BON**.

**NET CONTROL:** Dec. 11<sup>th</sup> **Ross W1EKG**                      Dec. 18<sup>th</sup> **Bill N1FRE**  
Dec. 25<sup>th</sup> **The Bruce N11X**                      Jan. 1<sup>st</sup> **John KB1SVY**

**NEW BUSINESS:** **Ross W1EKG** noted that the R5000 radio had been repaired by **SWL Henry Thomas**. He notes that **Henry** had recently suffered a total loss of his property due to a house fire. **Ross W1EKG** made the suggestion that the radio be donated by the Club to **Henry** in an effort to get him connected to the HAM community and the WARC as well. After a lengthy discussion a motion was made by **Jeff N1ZZN** seconded by **Al WA1ZKK** to donate the radio. The motion passed.

## Secretary's Notes of the Meeting of Dec. 7, 2011 Cont: de KB1UBX

**NEW BUSINESS** Cont: **Bruce N1IX** passed out certificates for WARC members who participated in the Plimoth Plantation Special Event station. To date 60 certificates have been either passed out or mailed to Club members.

**Bill K1WN** reminds everyone that HAM radio exams are held at **K1USN** in Braintree. Please contact **Bill K1WN** for dates and times.

**Jeff N1ZZN** made a motion that we purchase a real time clock for the module for the repeater controller. Cost would be \$49.95 plus shipping. The motion was seconded by **Bill N1FRE**. The motion was carried.

**Paul KB1MTW** suggested that we buy a splitter for the headphone jack to use at special events. **Jeff N1ZZN** made a motion to purchase 5 units. The motion was seconded by **Brad W1AY**. The motion carried.

**CLOSE:** President **John KB1SVY** closed the business meeting at 8:15 p.m. on a motion by **John KB1PHN** seconded by **Jeff N1ZZN**. The motion was approved.

**AUCTION:** After the business meeting **John KB1SVY** held a Club auction and **Al Drollett Jr. W1SM** won the bid for the Kenwood TM-641A 2-meter / 220 MHz Base Station donated by **Roy Logan KB1CYV** from the Estate of **Bob Motroni WA1AOH Silent Key**

**PRESENTATION:** Following the auction **Lieutenant Scott Billings** of the Plymouth County Sheriff's Department gave a presentation on "Plymouth County Control and CMED Networks". Many thanks to **Lieutenant Billings** for a fine and interesting presentation.

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### SILENT KEY

**Ted McCaw N1WAI** of Weymouth

**Ted N1WAI SK** was a friend of the Whitman Amateur Radio Club and was well known for his Studebaker car that he brought to the Saftler's Flea Market for show and tell on several occasions.

**Ted N1WAI SK** was heard On-The-Air as a Disc Jockey for radio station WATD in Marshfield and was heard promoting amateur radio and our Special Events many times.

Our condolences to **Ted's N1WAI SK** wife **Debra** and his family and friends.

## Edwin H. McCaw

WEYMOUTH - Edwin "Ted" H. McCaw, age 65, of Weymouth, formerly of Hanson, died Nov. 27, 2011.

Ted was born in Weymouth, raised in Hanson, and had lived in Weymouth for five years.

Mr. McCaw was a radio Disc jockey for W.A.T. D. in Marshfield for over 30 years.

Ted was an avid Studebaker car lover and belonged to the Ocean State Studebaker Club.

Ted attended the Perkins

School for the Blind in Watertown.

Beloved son of the late Wallace I. McCaw and Edwinia McCaw, he was the beloved husband of Debra M. (Elliott) McCaw.

Visiting hours at the Clancy-Lucid Funeral Home, 100 Washington St., Weymouth Landing, Wednesday, Nov. 30, from 5-8 p.m., concluding with a funeral service at 8 p.m. Relatives and friends are respectfully invited. Burial will be at a later date.



**Edwin H. McCaw**

## NEW MEMBERS

### NEW MEMBER: Jeff Ayres

**KB1WKB** lives in So. Weymouth with his wife **Nancy**. **Jeff KB1WKB** passed his Technician and General Class license in November and his Extra Class license in December.

**Jeff KB1WKB** reports he was previously licensed as **WA1YNE** between 1978 and 1983 but let the license drop.

**Jeff KB1WKB** has a Wouxun hand held 2-Meter / 440 MHz and is accessing the Whitman REPEATER from So. Weymouth. **Jeff KB1WKB** has also picked up a Yaesu FT-8900R mobile rig that operates on 2-Meter / 440 MHz along with 6- Meters and 10-Meters.



Jeff Ayers KB1WKB

Bump Studley W1BON

**NEW MEMBER: Bump Studley W1BON** lives in Norton and holds a General Class license. **Bump W1BON** reports " I was first licensed In the 1960's as **K1LRZ** and operated on 2-Meters with a SRC-522 transceiver but let the license expire.

In 2009, with the influence of some old friends, I took the Technician Test and passed and was informed that as I had a Technician license before 1980, I was grandfathered to General Class. My friends had W1 calls and I wanted one so I applied for **W1BON** and was granted that call. My lady's name is **Bonnie**, enough said".

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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.

In November we had 4 sessions with an average of 19 area HAMs checking in each week and 12 messages were sent.

We are always looking for Net Control Operators. Contact **Bruce NI1X** or **Bill N1FRE** if you are willing to give it a try and we will send you the WARPSN Net preamble and WARPSN Net log pages.

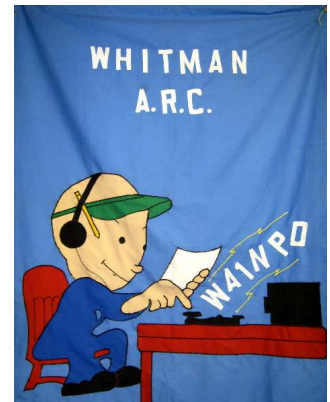
**John Duprey KB1SVY** checked into the WARPSN Net and reported a gas leak in Whitman while out for a walk during the Sunday morning December 11<sup>th</sup> WARPSN Net. **Paul Moss KB1MTW** relayed the message to the Fire Dept.

**Steve Rudin W1WSN** checked in from Ft. Lauderdale Florida via EchoLink.

**Jim O'Rourke WG1L** checked in while on vacation in Florida via EchoLink.

**Juergen Lochner DL1NBR** checked into the WARPSN Net from Germany via EchoLink.

**John O'Neill KB1QEM** checked in while on vacation from San Antonio, Texas via EchoLink



**Sending NI1X  
an update**

# PLYMOUTH COUNTY COMMUNICATION SYSTEM

## PRESENTATION By: Lt. Scott Billings



**Lt. Scott Billings**, of the Plymouth County Sheriff's Department, gave a presentation to the Whitman Club members that was designed to be given to Public Safety personnel with a variety of responsibilities. The presentation included an overview of the Fire Mutual Aid and Central Medical Emergency Direction (CMED) Network in Plymouth County along with a review of handheld, mobile and fixed base radio operation, simplex operation and REPEATER operation.

**Paul Moss**  
**KB1MTW**

**Lt. Scott Billings**  
**Guest Speaker**

The Plymouth CMED operations center uses a Motorola Centracom Elite Control System. All transmitters are assigned unique ID numbers that allows the dispatcher to see which radio is being keyed up. Each incident is assigned a priority. Each hospital is assigned a status depending on how near to full capacity they are. The system has backup generators and Uninterrupted Power Supplies (UPS) systems. When combining neighboring resources you can connect (patch) two channels together via the console.

### **PLYMOUTH COUNTY -- CENTRAL MEDICAL EMERGENCY DIRECTION (CMED)**

The primary mission of CMED is to facilitate and coordinate pre-hospital communication from Emergency Medical Services (EMS) Providers (ambulances and helicopters) in the field and the appropriate hospital facility. Plymouth County is one of 7 C-MED regions. There are 75 hospitals and 1200 ambulances involved in the 7 regions in Massachusetts.

There are 45 Transmitter Tower sites in Massachusetts, with 6 in Plymouth County, that are linked to hospital and dispatch center by telephone lines. The hospitals have a tone controlled remote base phone style radio terminal connected by telephone line.

There are 10 UHF Frequencies assigned for use by ambulances and helicopters. The first five are shown here and they are each separated by 0.025 MHz. MED 4 is the calling frequency (Hail) then switch to channel assigned.

MED 1 463.000 MHz CMED & Hospital	468.000 MHz Ambulance
MED 2 462.025 MHz CMED & Hospital	468.025 MHz Ambulance
MED 3 462.050 MHz CMED & Hospital	468.050 MHz Ambulance
MED 4 462.075 MHz CMED & Hospital	468.075 MHz Ambulance
MED 5 462.100 MHz CMED & Hospital	468.100 MHz Ambulance

# PLYMOUTH COUNTY COMMUNICATION SYSTEM

## PRESENTATION Cont: By: Lt. Scott Billings

### PLYMOUTH COUNTY UHF MUTUAL-AID RADIO NETWORK

The goal and responsibility of Plymouth County Control is to aid local dispatch and coordinate the request and response for specific apparatus, specialty teams and other resources in an effort to mitigate an incident such as Fire Suppression, EMS, HAZ/MAT and rescue incidents.

There are 15 Fire District Control Points in Massachusetts – Plymouth County being one. Plymouth County has 29 individual Fire Departments with 26 on UHF, 2 on VHF 154.310 MHz 159.1210 MHz and 154.430 MHz and one on VHF Low band 33.68 MHz.. The UHF REPEATER frequencies are shown here:

Channel 1	486.100 MHz Receive	486.100 MHz transmit PL 203.5
Channel 2	486.200 MHz Receive	486.200 MHz transmit PL 114.8
Channel 3	486.400 MHz Receive	486.400 MHz transmit PL 127.3
Channel 4	486.475 MHz Receive	486.475 MHz transmit PL 141.3
Channel 5	486.775 MHz Receive	486.775 MHz transmit PL 156.7
Channel 6	486.925 MHz Receive	486.925 MHz transmit PL 173.8

There are additional radios at Plymouth County Control that monitor VHF & UHF Police and Fire and they can be monitored from the console.

### PORTABLE RADIOS 101

**Scott** reviewed the use of portable radios. This topic was familiar to the members of the Whitman Amateur Radio Club. **Scott** pointing out some special problems with the performance of portable radios buried under fire protection coats and operation in smoke filled rooms.

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### PACKET PRESENTATION AT THE GENESIS CLUB By: Jim Tovet W1JT

**Jim Tovet W1JT** gave his PACKET presentation at the Genesis Club November meeting. **Jim W1JT** explained that for less than \$200.00 you could pick up a Terminal Node Controller (TNC) and a special cable to go between your particular 2-Meter radio and the TNC and using your existing computer be On-The-Air with PACKET or one of the other digital modes of operation.



**Jim Tovet W1JT at the Genesis Club Nov. meeting**

**Jim W1JT** explained that your PACKET radio range can be extended by connecting to one or more of the PACKET NODES in the area — Node hopping. **Phil McNamara N1XTB** runs a PACKET NODE in Middleboro (**N1XTB-7**) and there is one in Brockton (**BROCK**). **Jim W1JT** has a PACKET NODE In Holbrook (**HOLBRK**) You send and receive messages from HAMS on PACKET and you can read bulletins posted on one of the many Bulletin Board stations like **Phil's N1XTB** Bulletin Board in Middleboro, MA.

## FOX HUNT OF SATURDAY DECEMBER 3, 2011 By: The Bruce NI1X



Bruce Hayden NI1X

Judy Attaya-Harris KB1SRO

Anthony Attaya-Harris KB1UHV

Sly the Fox

Roy Logan KB1CYV

Gary Cumiskey W1GRC

Richard Metcalf KB1TEH

It was a beautiful day for a Fox Hunt on Saturday, December 3<sup>rd</sup> and **The Bruce NI1X** was the Fox and was hiding behind Trucchi's Super Market in West Bridgewater. First in was **Gary W1GRC** who was on business in West Bridgewater and found the Fox's Den in 8 minutes, Second place goes to **Roy KB1CYV** who started at St. Thomas Aquinas Church near Bridgewater Center and found the Fox's Den in 16 minutes. **Richard KB1TEH** found the Fox in 31 minutes. **Judy KB1SRO** and **Anthony KB1UHV** started a little later from St. Thomas Aquinas Church in Bridgewater and found the Fox "on their own" in 43 minutes.

### FIRST MONDAY OF THE MONTH RACES NET

The Massachusetts Emergency Management Agency (MEMA) conducts a Radio Amateur Civil Emergency Service (RACES) Net on the first Monday of the month. In this area the Norwell 2-Meter REPEATER is used. In November, the MEMA Region II Net Control conducted a SIMPLEX operation test.



The **Bruce NI1X** heard **Kevin Dykes KB1MOC** check in for Hanson, **Jim Madden KB1PFL** check in for Pembroke, **Barry Kennedy N1EZH** check in for Taunton and **Paul Moss KB1MTW** check in for Whitman. Also checking in was **Jeff Lehmann N1ZZN** who was monitoring the old Norwell REPEATER frequency 145.250 MHz PL 77 and directing the RACES Control Operators over to the new Norwell REPEATER 145.390 MHz PL 67.

## MASSASOIT CLUB PRESENTATION

### REMOTE BASE OPERATION By: Joe Casieri KA1JBE

Joe Casieri KA1JBE gave a Show and Tell presentation at the Massasoit Club November meeting that turned out to be a very interesting presentation / demonstration on the capabilities of the HAM Radio Deluxe software program.



Shown gathered around Joe KA1JBE during the presentation were Jay Zappulla N1FDX, Carl Aveni N1FY, Barry Kennedy N1EZH, with Loren Pimentel N1IQI hiding behind Barry N1EZH, Bob Keene N1LCY, Walter Fitzgerald W1WCF, with Dino Casieri KB1RXQ seated, Bill Burke KA1TXK, with Joe Casieri KA1JBE seated and Rick Emord KB1TEE. Photo by: The Bruce” NI1X.

## ANTENNA PROJECT

### By: Jeremy Breef-Pilz KB1REQ

This diamond X-50 is my first real VHF/UHF antenna that I've set up. I live in Mansfield and It has really improved my 2-Meter coverage.

My LMR-400 coax cable is shown receiving a final inspection by my cat "Tuxedo" prior to installation. Must be a cat scan.

From: **Jeremy KB1REQ**



Tuxedo the Inspector



Jeremy Breef-Pilz KB1REQ



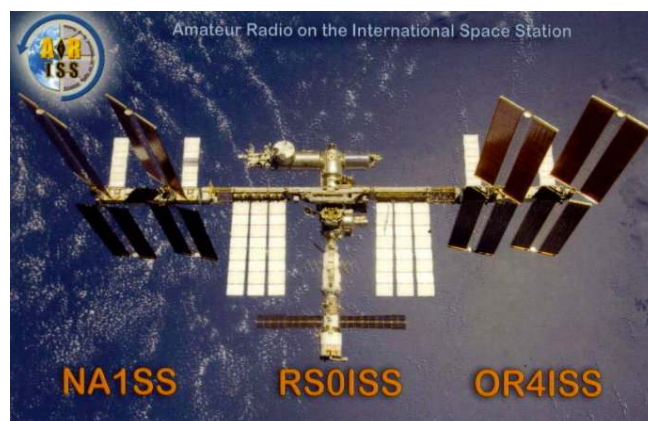
## QSL CARD OF THE MONTH

### INTERNATIONAL SPACE STATION CONTACT By: Don Burke KB1LXH



**Mike Fossum, KF5AQG**

**Don KB1LXH** reports: "I spoke with Eagle Scout, Scoutmaster and Expedition 29 Commander **Mike Fossum, KF5AQG** who was aboard the International Space Station **NA1SS**."



To	<i>KB1LXH</i>					
From	Day	Month	Year	UTC	MHz	
<input checked="" type="checkbox"/> NA1SS <input checked="" type="checkbox"/> RS0ISS <input checked="" type="checkbox"/> OR4ISS	<i>4</i>	<i>Nov</i>	<i>2011</i>	<i>2213</i>	<i>145.8</i>	
Mode:	<input checked="" type="checkbox"/> Voice	<input type="checkbox"/> Packet	<input checked="" type="checkbox"/> SSTV	<input type="checkbox"/> APRS	<input type="checkbox"/> Repeater	<input checked="" type="checkbox"/> SWL

We had a quick QSO about my sons (**Noah** 12 and **Riley** 9) involvement in Scouts and our JOTA event. **Mike KF5AQG** told me he was planning a Scoutmasters Conference with his Troop later in the day; from Space!.

I didn't use anything special, I could hear him 5-9 on my Icom T7H (H) before we could see the ISS fly over my QTH. It was a large bright light traveling NW to SE. I could hear him talk to stations from Colorado through Maine and Canada through the Carolina's. Once over head, I lost his signal. I then tried my Mobile Base Icom 2100 w / homemade Copper J-pole for the contact.

I used the Downlink of 145.800 MHz and the uplink of 144.490 MHz. More info can be found at <http://www.issfanclub.com> The photo of **Mike KF5AQG** comes from a "Scouting Magazine" article in the November-December issue 2011 page 8".

**73's Don KB1LXH**

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**VE EXAMS IN BRAINTREE:** VE-exams are held the 2<sup>nd</sup> Saturday of the 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 VE exams at 8:45 a.m. at the Watson Building, 85 Quincy Ave. in Braintree. If you know of anyone planning to take an exam, please have them drop a note to **Bill K1WN** at [k1wn@aol.com](mailto:k1wn@aol.com) to confirm a reservation.

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**ARRL STRAIGHT KEY NIGHT (SKN):** Help celebrate our Morse code (CW) heritage. Straight keys are encouraged but not required. SKN runs the full 24 hours of January 1<sup>st</sup> UTC.

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### **TAUNTON AREA COMMUNICATION GROUP (TACGroup) – Update By: Barry N1EZH**

**220-MHz REPEATER:** **Barry Kennedy N1EZH** report that the TACGroup has received preliminary coordination for a 220 MHz REPEATER in Taunton. **Barry N1EZH** is the Trustee for this **KC1TAC** REPEATER. The frequency will be 224.480 MHz - PL 123.0 The REPEATER should be "On-The-Air" soon.

## HAM SHACK OF THE MONTH -- BARRY KENNEDY N1EZH



### Barry Kennedy N1EZH - My HAM shack

**Barry N1EZH** reports that he began assembling his current HAM shack almost two years ago, shortly after he and his wife **Diane N1JCK** moved into their new home in Taunton. **Barry N1EZH** also reports that he operated with a 10-Meter dipole and a 2-Meter rotatable beam in the attic until this past Spring.

**Barry N1EZH** reports: "I purchased a Military Crank-Up Tower last Fall (2010) with the Tri-band Vertical (Comet SBB-2-Mtr / 220 / 440 MHz) and horizontal Tri-band (Cushcraft 6-Mtr / 2-Mtr / 440 MHz Yagi Antenna).

I had to wait until I was able to get the parts together before I could put up my Trap Dipole which I was able to do about a month ago. It is an 80-10-Meter Trapped Dipole (Center Fed with RG-8X Coax and attached just below Antenna Rotor on the Tower Mast. I had to find a way to secure the two end support Masts as my back yard is very wet, similar to a swamp. Lots of trial and error.. The two fiberglass masts (Approx 22' tall) are flexible and bent quite a bit. They had to be storm guyed. My first contact was with our Plimoth Plantation Special Event Station."

**Barry N1EZH** has accumulated a lot of rigs and you can see them in the photo of his shack:

Kenwood TM-331A (220-MHz),  
Kenwood TM-631A (2-Mtr / 220-MHz)  
Kenwood TK-981 (900-MHz),  
Kenwood TH-261 (2-Meter)  
Azden PCS-5000 (2-Meter)  
Icom IC-2100 (2-Meter)  
WMR RIGrunner  
Kenwood At-250 (80-10-Meter Auto-Tuner)  
SP-230 (Filtered Speaker)  
Kenwood TS-140S (160-10-Meters)  
WMR RIGblaster  
Kenwood TS-680S (160-6- Meters)  
Kenwood Vox-4 (For TS-680S)

SP-230 (Filtered Speakers)  
Kenwood TH-77A 2-Meter / 440-MHz) HT  
Channel Master Rotor Control (Indoor Beam)  
MFJ-264 (Dummy Load)  
Kenwood MC-85 Electret Desk Mic  
MC-60A Dynamic Desk Mic  
Mirage (6-Meter Amp)  
(2-Meter Amp)  
Channel Master Rotor Control (Outdoor Beam)  
Radio Shack 2053 (Dual Trunking Scanner)  
RS-Realistic 2021 (Scanner)  
AT-250 (80-10-Meter Auto-Tuner)  
Kenwood TH-F6A (2-Meter / 220 / 440) HT

Last but most important - under bench (Not in Photo) – Two Astron 35M Power Supplies – one backup.

**ANTENNA PARTY By: Rick Emord KB1TEE**

**Rick Emord KB1TEE** reported that he had help from **Bill Burke KA1TXK** when he installed an antenna tower in his back yard. If you look closely you can see that they are using a backhoe to raise the tower..



**Backhoe in service -- going up**



**The finished product**

**Rick KB1TEE** reports that he has installed 1 beam, 2 verticals and 6 dipoles on the tower. This includes a Diamond Dual Band 2-Meter / 440 MHz Vertical on top. A Cushcraft A3S Beam good for 10 – 15 – 20-Meters on top. A Jetstream Discone vertical off the side and six (6) Dipoles.



**Bill Burke KA1TXK - welding**



**Rick Emord KB1TEE testing the new antennas**

**Rick KB1TEE** reports that he suspended 6 dipoles from the top of the tower and ran all the coax lead lines into a relay control box mounted at the base of the tower and one lead into his HAM shack.



# 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, Jan. 4<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 WAINPO-R Whitman MA USA -- 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	Karen Trask	KB1UBX
Treasurer	Jeff Tracy	N1SOM
Director 2012	Barbara Rice	K1MRH
Director 2013	John Murphy	KB1PHN
Director 2014	Roy Logan	KB1CYV
Director - Past Pres.	Paul Burbine	N1VTI

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