



# SPECTRUM



The Voice of the Humble Electron

Founded 1962



## Whitman Amateur Radio Club meeting March 1st, 2017





## Whitman Amateur Radio Club Meeting 03/01/17



**Paul Moss KB1MTW**   **Larry Kenney W1VP**   **Jeff Tracy N1SOM**   **Joe Amorelli K1JMA**  
V.President                      Secretary                      Treasurer                      President

**ATTENDANCE:** 50 members and guests were present including 4 elected officers

K1JMA Joe Amorelli	N1POO R. Pete Carlson	AG1B Richard Metcalf
N1CFB Chris Babbitt	WA1TOM Tom Luckman	WK1D Jeff Ayres
W1AEM Matt Kane	KC1EUJ Kurt Sundwell	KC1ACF Mark Vess
W11G John Murphy	WA1MAD Mike Davis	KB1OEP Mike Supple
K1UFO Billy Robinson	KC1BZK Christopher Kelly	KB1BHK Jon-Mark Robinson
WA1YKF Warren Dickie	AB1CQ Gary Cumiskey	KC1EFI Al McPhee
KA1KIJ Bob Azanow	W1VU Bob Egles	WA1MWF Larry LeBlanc
W1GTX Paul DeLory	KB1PFL Jim Madden	K1XRB Peter Q. George
KB1QMX Dave Beauvais	N1SOM Jeff Tracy	KB1MTW Paul Moss
KB1OEQ Ron Stundze	SWL Paul B. Johnson	KA1CQD Fred Sanford
W1AKN Jack Buckley	N1COP Bob Woodbury Jr.	W1MBH Scott Mitchell
KB1IKH Elayne Tovet	W1JT Jim Tovet	WD1L John Nelson
N1IQI Loren Pimentel	N1FRE Bill Hayden	KB1MJL Elvin (Al) Marshall
WG1L Jim O'Rourke	W1JGR John Ruppel	KV1SMC Stephen Cavey
W1AZU Heather Massey	SWL Michelle Duprey	KB1SVY John Duprey
W1JDG John Ginsberg	KC1FZ George Davis	N1OYH Carl Davis
N1ZZN Jeff Lehmann	W1VP Larry Kenney	KC1FZI Joseph F. D'Antonio Sr.

### **Secretary's Report:**

President **Joe Amorelli K1JMA** called the meeting to order at 7:00pm 03/01/17.  
A quorum was present.

The Pledge of Allegiance was recited, followed by an attendance roll call.

Treasurer **Jeff N1SOM** read the February 2017 treasurers report. Motion to accept the report as read made by **Bill N1FRE** with a second by **Billy K1UFO**. Motion passed quorum vote.

Secretary **Larry W1VP** indicated the February 2017 meeting notes were published in the February 2017 Spectrum newsletter available on the club website. Motion to accept the February 2017 meeting notes as published made by **Jeff WK1D** with a second by **John WD1L**. Motion passed quorum vote.

### **Health & Welfare** report by **Elayne KB1IKH**.

Elayne reports a get well card was sent to **Dave KA1DTA** on behalf of the Whitman club by **Larry W1VP**.

**Garry AB1CQ** provided more details on the health of **Dave KA1DTA**. Garry mentioned Dave is now home again and doing much better.

### **New Member applications:**

**Jeff N1SOM** and **Joe K1JMA** presented a new member application in good standing for **KV1SMC Stephen Cavey**. Motion to accept as a new member made by **Mark KC1ACF** with a second by **John W1JDG**. Motion passed quorum vote. Welcome to the Whitman Amateur Radio Club Stephen!

### **Net Control for March 2017**

- March 5<sup>th</sup> : **Richard AG1B**
- March 12<sup>th</sup> : **John W1JDG**
- March 19<sup>th</sup> : **Jeff N1SOM**
- March 26<sup>th</sup> : **Joe K1JMA**
- April 2<sup>nd</sup> : **Jeff WK1D**

### **Presidents announcements**

- **Joe K1JMA** mentioned the close to last months meeting took place quickly and some members didn't have a chance to bring up additional old or new business items before adjournment took place. As such Joe is asking anyone who has new or old business items in mind prior to the meeting, to please let him know and he will add this to the meeting agenda, assuring time during the meeting is allocated for this. Joe feels this will add structure to the meetings and allow all items to be covered within a reasonable amount of time.
- **Joe K1JMA** informed the club members he's working on a new activity suggestion form which members can use to help summarize the details for suggested new club activities. This will assure we capture new ideas and help in planning and execution stages. When completed, the form will be made available on the club website.
- **Joe K1JMA** reminded everyone that club officer nominations should be done at the upcoming April and May club meetings. If someone wants to enter a nomination but can't attend either club meeting, an email containing the nomination can be sent to any of the club officers or the clubs email: wa1np0@gmail.com

- **Joe K1JMA** informed everyone that he and **Mike WA1MAD** are continuing to look for speakers for the Tech Talk segment of the meeting, held after the business portion of the meeting. If anyone wishes to speak on a subject (maybe regarding some new equipment recently acquired) or has suggestions for speakers and/or subjects for this portion of the meeting, please contact Joe or Mike. Joe is also working with the Plymouth Genesis Amateur Radio Society club to possible switch off presenters between the 2 clubs.

### Old Business:

- **Tom WA1TOM** updated everyone on his experience operating during the recent Winter Field Day event. He along with **Steve N1STV** and **Garry KC1JRA** operated at the WingBusters flying field in Halifax. **Mike WA1MAD** and **Chris N1CFB** helped with the Wingbusters setup, then also operated at Chris's QTH. Tom used his homemade Shack-in-a-Box go-kit containing his Icom706 and an end-fed 6-80m wire antenna (note: pictures from this event and Tom's equipment are contained in the January 2017 Spectrum newsletter). **Mike WA1MAD** commented that future events should be announced well ahead of time so the club members and possibly the entire club can plan to participate.

### New Business:

- **Joe K1JMA** announced that **Ross W1EKG** will be organizing a Go-Kit symposium as some point in the near future. The date/time and location has not yet been determined.
- **Joe K1JMA** mentioned that **Chris N1CFB** has booked the K/C Hall for our January 2018 Ham Flea Market for Saturday January 20<sup>th</sup>.
- **Mark KC1ACF** updated everyone on Field Day 2017 preparations. Mark has confirmed the June 24<sup>th</sup> and 25<sup>th</sup> dates for field use with the Bridgewater YMCA. He will be signing the contract for this asap and also confirming where event signs can be placed on the YMCA property and if this can be done up to a week prior to the event.
- **Joe K1JMA** informed the club members that **Steve W1OD** has registered the VE testing session being held at our Field Day event with the ARRL
- **Larry W1VP** suggested use of SDR thumb drive receivers for use at Field Day and the Marshfield Fair event which provide a visual waterfall display of received signals. This would be eye catching and a method to draw the public's interest. A general discussion took place on the subject. **Larry W1VP** advised SDR thumb drive receivers cost approx \$50/ea. Motion to appropriate funds to purchase 2 receivers made by **John W1JDG** with a second by **Jeff WK1D**. Motion passed quorum vote.
- A general discussion took place on the Whitman club blue jacket cost and if the pricing policy should be changed where the club pays for some portion of the

cost of the jacket rather than club members paying the full cost. It was noted that no blue jackets have been purchased since the club stopped subsidizing the jacket cost. **Jeff N1ZZN** commented that new members might not know how to order jackets or what the current price is. **Billy K1UFO** suggested adding a jacket and club patch choice with prices of each to the membership application. **John W1JDG** asked if a club vest could be made available also? **Richard AG1B** made a motion to reinstate the original club policy where the club subsidizes a portion of the jacket cost but then withdrew the motion as the discussion continued and additional questions were raised. **Bill N1FRE** also suggested the club subsidize a portion of the cost. **Jim W1JT** asked if this is necessary. **Jeff N1SOM** mentioned the subsidized jacket price was \$20 to club members while the full price was between \$44-\$52 **Joe K1JMA** decided to request new prices from Rockland Sports who provide the club jackets and also to investigate prices from other suppliers before making a decision. **Jeff N1SOM** will help with this investigation. **John WD1L** commented on purchasing club T-shirts from the supplier of the K1USN T-shirts as these are very comfortable and great for the summer.

- **Richard AG1B** provided a quick demo of his FoxBox transmitter. A short discussion took place regarding Fox hunting.
- **Joe K1JMA** reminded everyone of the upcoming model train open house/show in Hingham on March 11<sup>th</sup> and 12<sup>th</sup>. **Mike WA1MAD** is organizing this event and indicated the Whitman club will have a table and a 2 meter station at the event thanks to club member **Jack Foley N1BCE**. Volunteers to man the table and operate the 2 meter station are needed. A sign up sheet was circulated at the meeting.
- **Jeff N1ZZN** had some items for sale at the meeting. It was decided to hold sale of these items until next months meeting so club members would know of this in advance and be prepared for an equipment auction.
  - Cobra UltraLite Senior HF antenna
  - Diamond 2/440 mobile antenna
  - Various mostly short lengths of RG-8U coax
  - EF Johnson 5100 UHF (403-470 Mhz rec range) and 900 P25 portables
- **Mike WA1MAD** mentioned the upcoming Boston Marathon still needs amateur radio volunteers. The <http://www.baa.org/> website has details.

Motion to adjourn the meeting made by **John W1IG** with a second by **Bill N1FRE**. Motion passed a quorum vote.

**Joe K1JMA** adjourned the meeting at 7:45 pm, 03/01/17

**End Secretary's Report**



## **Whitman club meeting**

**March 1<sup>st</sup> 2017**

Photos by Jeff WK1D and Larry W1VP



**Richard AG1B** showing folks his FoxBox automated fox hunting beacon









## **Mark KC1ACF Origins of Radio**

Photos by Jeff WK1D and Larry W1VP

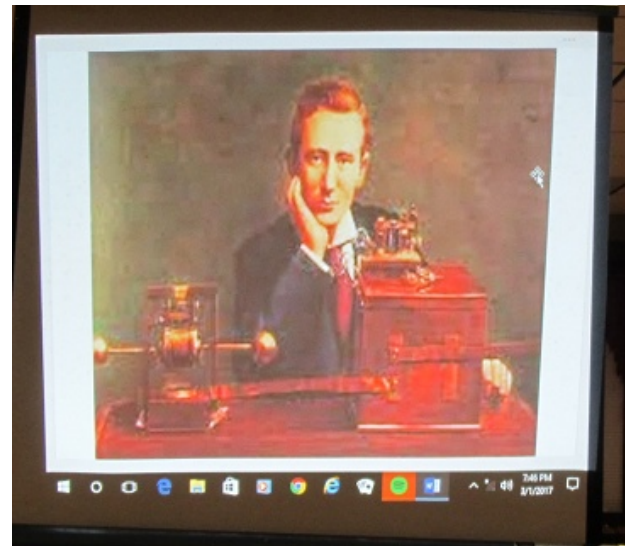
## **WARC club meeting**

**March 1<sup>st</sup> 2017**



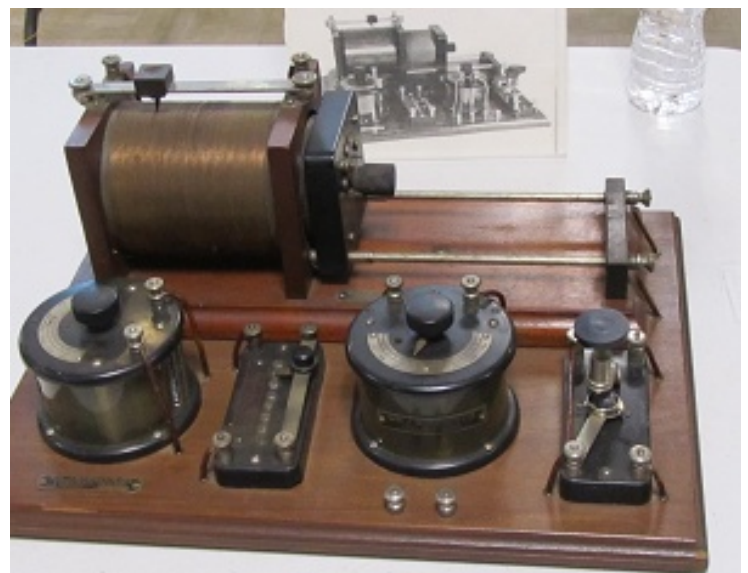
Visit the Tech Talk archive on our club website for a copy of Marks slides:

<http://www.wa1npo.org/techtalk/techtalk.htm>



Jim WG1L pounds brass for the Spark Gap demo





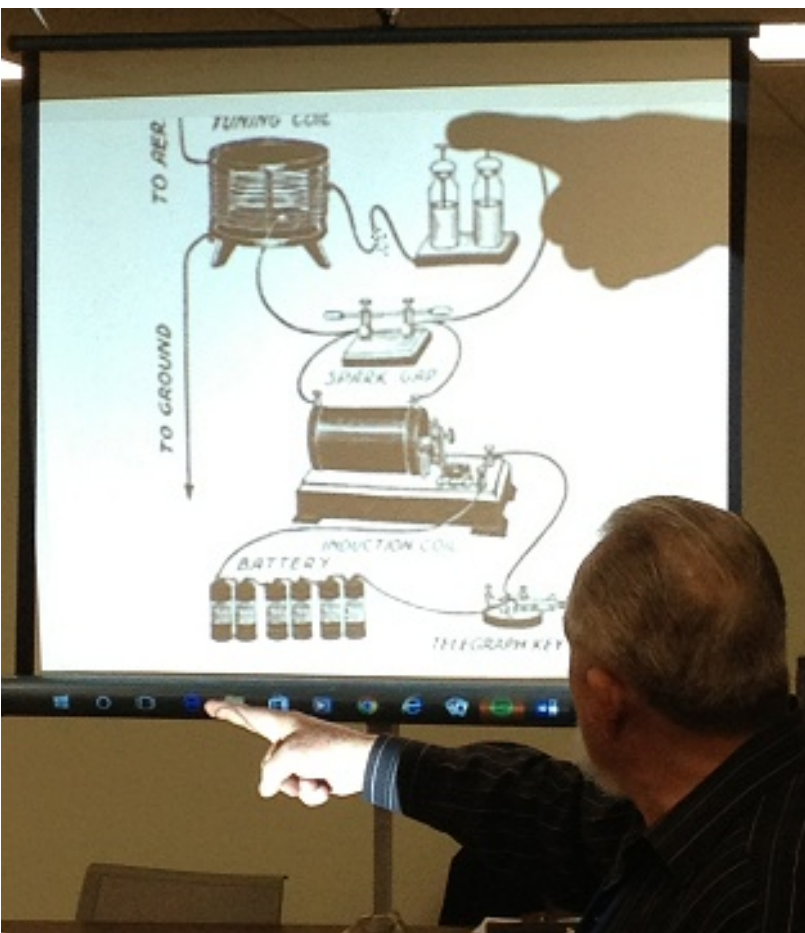


## Mark KC1ACF Origins of Radio

Photos by Larry W1VP

## MARA club meeting

Feb21<sup>st</sup> 2017









Pete N1POO helps demonstrate the Spark Gap transmitter







## Antique Radio Show, Nashua NH

**March 5<sup>th</sup> 2017**

Photos by Mike WA1MAD



The collage features a variety of antique radios, including a large wooden console radio, a small portable radio, a radio with a Coca-Cola logo, and several other models in different colors and styles. The central poster is for the **NEARC RADIO XLVIII Antique Radio Flea Market**, held on **March 5, 2017** from **8am-1pm** at the **Event Center - Radisson Hotel** (11 Tara Blvd, Nashua, NH 03062). The poster includes the text: "Great **NEW LOCATION** for the 'Biggest Old Radio Show on the entire East Coast'", "Free Hourly Old Radio Drawings", and "PUBLIC IS WELCOME!!!". It also states: "RADIO is the East Coast's Largest Antique Radio Show & Flea Market!! 100+ Indoor tables and 60+ Vendors. This is a family event, and with one \$10 adult admission, spouse and children under 18 are free. Admission is free from 11 am to 1 pm. There is free onsite parking. The show is guaranteed to run Rain or Shine. NEARC has never cancelled an event, and never will!!".



**Ross W1EKG, John W1IG, Matt W1AEM and Mike WA1MAD** attend the New England Antique Radio Flea Market in Nashua NH.



**John KC1FWV** leads the first New Operator training class at the Whitman Police stations training room. Topics covered included common VHF/Repeater usage, PL tone use, HT and mobile radio options, HF station and antenna options for the beginner, station logging tools and a band plan review.



# **South Shore Railway Special Event March 11<sup>th</sup>-12<sup>th</sup> 2017**

Photos by Larry W1VP



## **South Shore Model Railway Club & Museum**

52 Bare Cove Park Drive  
P.O. Box 224 • Hingham, MA 02043-0224  
781-740-2000 • Fax 781-740-8900 • [www.ssmrc.org](http://www.ssmrc.org)

## **Model Railroad Show & Open House**

**Saturday & Sunday, March 11 & 12, 2017**

Saturday, 9:00 am until 4:00 pm • Sunday, 10:00 am until 4:00 pm

Admission ticket good for both days, **MUST** have ticket for re-entry.

The Train Club, located in Bare Cove - Building 51, 19 Fort Hill Street in Hingham, MA, will host the club's permanent layout with visiting layouts from other clubs, white elephant table, demonstration clinics, rail movies, club car sales and club shirts and other apparel for sale. The entrance to Bare Cove Park is located at 19 Fort Hill Street 1/10 of a mile west of the entrance to South Shore Country Club. The club is the last building on the left, 1/2 of a mile from the entrance.

*West Hingham Station on the Greenbush commuter rail line out of South Station is conveniently located at the entrance to the park. Please check train schedules at [mbta.com](http://mbta.com).*

South Shore Model Railway Club  
Bare Cove Park - Building 51  
19 Fort Hill St., Hingham, MA 02043

ADULTS \$5.00 • CHILDREN (5-12 years with an adult) \$3.00  
SENIOR CITIZENS (65+) \$3.00 • CHILDREN 4 & Under Free

- White Elephant Table
- Food Service • Free Parking
- Train Dealer Tables
- Multiple Operating Layouts

Please visit our website at  
[www.ssmrc.org](http://www.ssmrc.org)



The SSMRC is a 501(c-3) not for profit educational organization



The South Shore Model Railway club is one of the oldest HO scale railroad clubs in America. It was founded in 1938

**Future Dates:** Summer Open House - Sat., August 5, 2017  
Fall Open House & Show - Sat. & Sun., October 29 & 29, 2017  
Family Open House & Scout Night - Fri., January 5, 2018  
Spring Open House & Show - Sat. & Sun., March 10 & 11, 2018  
Summer Open House - Sat., August 4, 2018  
Fall Open House & Show - Sat. & Sun., October 27 & 28, 2018



Warren WA1YKF, Mike WA1MAD and Bob KA1KIJ manning the Whitman club table.





**Mke WA1MAD, Bob KA1KIJ and Mike KB1OEP at the Whitman club table**



**The South Shore Model Railway club features code 83 and code 70 rail with many custom made turnouts and crossovers. Currently the club has 2000 cars registered to run on their railroad!**





**Jeff N1SOM and Jeff WK1D at the Whitman club booth**



**Ross WIEKG and 1st harmonic Eric visit the club table**







The 40 meter BitX QRP rigs from **Mike WA1MAD** and **Chris N1CFB** were on display at the club table also



The BitX QRP transceiver next to the club's ft-8800 2m/440 rig. Several Boy Scouts made contact with club members **Bill N1FRE** and **Mark KC1ACF** through the Whitman club repeater. This helped the Scouts fulfill a requirement for their communication merit badge.



Lunch and BitX radio assembly at the club table.





**Mike WA1MAD** and South Shore Railway club President **Jack Foley N1BCE**. A special thanks to Jack for allowing the Whitman club table space at the open house and supporting us in every way possible. Thanks Jack!

### **From Mike WA1MAD, event organizer:**

Thanks to each of you for helping to make our WARC participation at the model RR event a success. Although there were only few folks really interested in ham radio, we were there to support our hobby, the Scouts, our club and answer questions. Special thanks to **[W1IG] John Murphy** (you made really good knots to hold up the antenna mast) and **[N1SOM] Jeff Tracy** for picking up and returning the 2meter station to Pine Street. And to **[N1CBE] Jack Foley** for his interest in having both groups support each others interests by keeping each club aware of future events. I think we all should get double the pay that we get from our clubs. Lol

Sent from Mike's iPad **WA1MAD**





## **Tom WA1TOM redesigned Shack-in-a-Box Go-Kit**



**WA1TOM Tom** rebuilt is Shack-in-a-Box using a new case from Harbour Freight. The go-kit features his Icom706MKIIG



Tom included DC voltage monitoring and USB charging ports. Tom's design allows for either direct 12v-dc operation or 110v a/c operation with 12v battery charging



Note: new addition: The NorthEast Cracker Barrel net, daily 7pm on 3921 Khz



## HAM RADIO LOCAL AREA NETS

If you know of a Ham Radio Local Area Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact Barry – N1EZH at: [N1EZH@comcast.net](mailto:N1EZH@comcast.net), so this list can be updated. All Frequencies are in MHz and 6 Meters (50.0 MHz and up.), are FM Mode unless otherwise noted. Thanks!

**Sunday: WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0**

**6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate**

**NE Cracker Barrel Net, 7:00 PM Daily (Matt – W1AEM, NCO on Sun), 3.921.00 MHz LSB**

**Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB**

**Cape & Island Traffic Net, Every Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9**

**Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5**

**Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5**

**Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0**

**Monday: Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5**

**Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**

**Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0**

**Falmouth ARA Net, 7:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5**

**Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5**

**Tuesday: Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (Except 3<sup>rd</sup> Tue!)**

**Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5**

**Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**

**Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0**

**220 MHz Day! Try to find a 220 Repeater near you and give a call out!**

**Wednesday: Taunton ACG, KC1TAC, 2 Mtr Simplex Net, 8:30 PM, 145.770**

**Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (Except 1<sup>st</sup> Wed!)**

**Blackstone Valley ARC, 2 Mtr Simplex Net, 7:00 PM, 146.565**

**Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**

**Cape and Islands ARES Net, 8:00 PM, Dennis K1PBO Rptr, 146.955 – PL 88.5**

**Waltham Wranglers Swap Net. 9:00 PM, Waltham W1MHL Rptr, 146.64 – PL 136.5**

**Thursday: Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**

**Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5**

**10 Mtr General Class Rag-Chew Net, 8:00 PM, 29.470.0 FM**

**Sturdy Mem. Hosp. ARC ARES Practice Net, 8:30 PM, K1SMH Rptr, 147.195 + PL 127.3**

**900 MHz Day! Try to find a 900 Repeater near you and give a call out!**

**Friday: Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0**

**Saturday: South Shore Skywarn Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0**

**\*VKEMCOMM\* Echolink Conference node: 270177/IRLP 9508 (due to \*WX-TALK\* Echolink conference node: 7203/IRLP 9219 outage) Refer to: <http://www.voipwx.net/>**





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** for a Net Control handout or visit our website at:

[www.wa1npo.com](http://www.wa1npo.com) and follow the link for the Sunday Public Service Net  
([http://www.wa1npo.org/index.html#Sunday\\_Public\\_Service\\_Net\\_Control](http://www.wa1npo.org/index.html#Sunday_Public_Service_Net_Control))



### 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, April 5<sup>th</sup> 2017  
Whitman Knights of Columbus**

### NEXT MOTA/Repeater MEETING

**Wednesday, April 19<sup>th</sup> at 7:00 p.m  
on the Whitman 147.225 repeater**

Club REPEATER 147.225 MHz PL 67

Club IRLP Node 8691

Club EchoLink: WA1NPO-R Whitman MA USA

Club EchoLink Node 484193

### CLUB OFFICERS

<b>President</b>	<b>Joe Amorelli</b>	<b>K1JMA</b>
<b>V. President</b>	<b>Paul Moss</b>	<b>KB1MTW</b>
<b>Secretary</b>	<b>Larry Kenney</b>	<b>W1VP</b>
<b>Treasurer</b>	<b>Jeff Tracy</b>	<b>N1SOM</b>
<b>Director</b>	<b>John Nelson</b>	<b>WD1L</b>
<b>Director</b>	<b>Ron Stundze</b>	<b>KB1OEO</b>
<b>Director</b>	<b>Richard Metcalf</b>	<b>AG1B</b>
<b>Director/</b>		
<b>Past President</b>	<b>John Murphy</b>	<b>WI1G</b>
<b>Health/Welfare</b>	<b>Elayne Tovet</b>	<b>KB1IKH</b>

**Web Master: Jeff Lehmann N1ZZN**

**E-Mail: [n1zzn@comcast.net](mailto:n1zzn@comcast.net)**

**Web Site: <http://www.wa1npo.org>**

**Training Coordinator**

**Ross Hochstrasser W1EKG**

**E-Mail: [bavarianradio@comcast.net](mailto:bavarianradio@comcast.net)**

**Club House / Equipment Coordinator**

**Paul Moss KB1MTW**

**E-Mail: [pm.moss@comcast.net](mailto:pm.moss@comcast.net)**

**Newsletter Editor**

**Larry Kenney W1VP**

**Email: [LJK320@netscape.net](mailto:LJK320@netscape.net)**



# WHITMAN AMATEUR RADIO CLUB, INC.

Post Office Box 48  
Whitman, MA 02382  
ARRL Club #0082  
Club Call Sign: WA1NPO

