



SPECTRUM



The Voice of the Humble Electron

Founded 1962



October Club Meeting 10-5-16



John KC1FWV presenting Software Defined Radio at the club meeting.



Whitman Amateur Radio Club Meeting 10/05/16



Paul Moss KB1MTW V.President **Lary Kenney K1LJK** Secretary **Jeff Tracy N1SOM** Treasurer **Joe Amorelli K1JMA** President

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

K1JMA Joe Amorelli
KB1MTW Paul Moss
WK1D Jeff Ayres
W1MBH Scott Mitchell
N1IQI Loren Pimentel
N1FRE Bill Hayden
KC1JRA Gary Silvia
KB1IU Bill Spear
KC1EUJ Kurt Sundwall
K1KJR Ron Hawkins
WI1G John Murphy
W1AEM Matt Kane
K1FAB Fred Birtwell
K1WGU Bob Bass
WA1YKF Warren Dickie
KB1QMZ Dave Beauvais
N1POO Pete Carlson

N1SOM Jeff Tracy
KB1OEQ Ron Stundze
W1OD Steve Cohn
KC1DWY John Ginsberg
WG1L Jim O'Rourke
W1JGR John Ruppel
N1STV Steve Cote
KC1FZ George Davis
W1AY Brad Wilson
KB1PFL Jim Madden
N1CFB Chris Babbitt
K1UFO Billy Robinson
KC1ACF Mark Vess
KA1CQD Fred Sanford
KA1KIJ Bob Azanow
KC1EFF Randy Mills
WA1IMD Fred Krause

K1LJK Larry Kenney
AG1B Richard Metcalf
WD1L John Nelson
KC1FWV John Barbour
KB1MJL Elvin (Al) Marshal
KC1EFI Al McPhee
N1OYH Carl Davis
W1OX Ed Meade
W6TOM Tom Murphy
WA1MAD Mike Davis
KC1FMP Gene Santorell
W1EKG Ross Hochstrasser
WA1BEE Allen Hiltz
WA1MWF Larry LeBlanc
N1ZZN Jeff Lehmann
SWL Leo Mills



Secretary's Report:

President **Joe Amorelli K1JMA** called the meeting to order at 7:00pm 10/05/16.
A quorum was present.

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

Treasurer **Jeff N1SOM** read the September 2016 treasurers report. Motion to accept the report as read made by **Jeff WK1D** with a second by **Steve W1OD**. Motion passed quorum vote.

Secretary **Larry K1LJK** indicated the September meeting notes were published in the September 2016 Spectrum newsletter available on the club website. Motion to accept the September 2016 meeting notes as published made by **Jeff WK1D** with a second by **John KC1FWV**. Motion passed quorum vote.

Health & Welfare report by **Elayne KB1IKH**:

No update.

Net Control for October 2016

- October 9th : **Jeff N1SOM**
- October 16th : **John KC1FWV (@CranLand)**
- October 23rd : **Jeff WK1D**
- October 30th : **Bill N1FRE**

New Members:

- **Jeff N1SOM** and **Joe K1JMA** presented new member applications in good standing to the club membership:
 - **KC1FMP Gene Santorell**
 - **KC1BZK Chris Kelly**
 - **W6TOM Tom Murphy**
- Motion to accept these new member applications made by **Billy K1UFO** with a second by **John KC1DWY**. Motion passed quorum vote. Welcome to the club folks !!

Old Business:

- **Jeff N1SOM** provided an update on new Whitman club logo Polo and T-shirts
 - Rockland Athletics (source of club blue jackets) quoted \$20/Polo shirt (50/50 cotton poly mix, short sleeve) based on a minimum quantity order of 20. Price includes club Logo on the chest with your name & callsign underneath. \$24/Polo if name & callsign added on the sleeve rather than under the club logo on the chest.
 - Rockland Athletics quoted \$16/T-Shirt (50/50) with the club logo on the chest and your name & callsign underneath. \$20/T-shirt if name & callsign added on the sleeve rather than under the club logo on the chest.

- A question was raised if we should charge club members the club cost of the shirts or a higher amount to raise \$\$ for the club. A general discussion took place. A show of hands showed a majority were in favor of the higher price.
- A general discussion took place on the idea of ordering generic Whitman club t-shirts and offering them for sale at our events. **Ross W1EKG** pointed out selling of this nature (multiple quantities of the same item) would require the Whitman club to buy a table in one of the vendor building at NEAR-Fest.
- A question was raised if a special T-shirt order could be placed with the words "Whitman Amateur Radio Club" on the back of the shirt? **Jeff N1SOM** commented he thought this would be an additional \$4 charge. **Jeff N1SOM** also mentioned there would be a new setup charge of \$15 - \$30 if the new logo were to be used.
- **Joe K1JMA** requested that folks add their shirt preference (Polo and/or T-Shirt) to their log sign-in as a way of collecting totals on which shirt type is of interest.
- A show of hands also was done, showing about 2/3^{rds} of the attending members were interested in Polo shirts and slightly less than 2/3^{rds} were interested in T-Shirts.
- **Chris N1CFB** asked if the T-Shirts were embroidered or silk-screened. **Jeff N1SOM** thought silk-screened but could be embroidered if need be.
- **Jeff N1SOM** also inquired about 2X and 3X size shirts.
 - 2x size shirts add \$1.75 to the standard shirt cost
 - 3X size shirts add another \$1.75 (so +\$3.50) to the standard shirt cost.
- **Jeff N1SOM** will try to have a sample Polo and T-Shirt from Rockland Athletics for the next club meeting. Jeff will also inquire as to the per shirt cost when quantities over 20 are ordered. Jeff had a catalog at the meeting showing the Polo and T-Shirt.
- A question was asked about the current cost of the blue club jackets. **Jeff N1SOM** will verify the current price with Rockland Athletics and have this for the next meeting.
- **Larry K1LJK** reminded everyone of the Polo and T-Shirt sourcing option **Steve W1OD** presented at the last meeting (the source used by **K1USN** in Braintree). The T-shirts are direct-printed and very comfortable. (T-shirts were approx \$12)
- **Jeff N1ZZN** provided a repeater update:
 - **Garry AB1CQ** is in the process of getting his 900Mhz repeater antenna moved up from Taunton. (possibly help with transportation of the antenna might be needed). No further update at this time on moving our 2 meter antenna from the former repeater site a Ryder CC to the current repeater location. The hope is still to bring this antenna down while installing the 900Mhz repeater and antenna at Ryder CC.
- **Joe K1JMA** updated everyone on his efforts to contact/confirm our special event station operation at Plimouth Plantation over the Thanksgiving weekend. Joe is actively persuing this with the new (again this year) management at the Plantation in an effort to lock in our use of the facility. **Jeff N1ZZN** tells us he has contacted QST w/our operating dates & frequencies for listing in the Dec issue.

- **Chris N1CFB** provided an update on the January 2017 Ham Flea Market (HAMFEST 2017). The flyer has been created and available on the club website. Chris intends to bring copies to the NEAR-Fest event. Chris has also distributed the flyer via email to as many hams as possible. **Mike WA1MAD** further suggested a list of area clubs be broken up among the volunteers and each could contact some clubs to inform them of the event. Chris tells us the first raffle item has been collected; an Yaesu FT60 HT (nearly new/still in the box). To date, no vendors have signed up yet. Volunteers to help Chris were:
 - **John KC1DWY**
 - **Kurt KC1EUJ**
 - **Mike WA1MAD**
 - **Mark KC1ACF**
- A discussion took place based on the question of how we list our Hamfest 2017 in QST. **Chris N1CFB** and **Mike WA1MAD** will investigate this. This also started a discussion on our ARRL club status, based on the percentage of club membership being ARRL members. **Jeff N1ZZN** points out this should be looked at yearly and communicated to the ARRL to assure our club status is intact. Everyone was in agreement and the club officers need to review this and update the ARRL. 51% club membership must be ARRL members for the club to remain listed as an ARRL club. Jeff believes we should send our club roster to the ARRL and they confirm $\geq 51\%$ are ARRL members.
- **Larry K1LJK** confirmed QSL info for the recent Marshfield Fair event is now on the club website. **Jeff N1SOM** confirmed he does have QSL cards .

New Business:

- **Paul KB1MTW** informed the membership of a recent acquisition of equipment from the family of a ham in Boston. The equipment will be brought up to NEAR-Fest for sale at the club table. Any equipment not selling will be added to the table at our January flea market.
- **Jim KB1PFL** informed everyone he has 5-6 sheets of plywood he is giving to the club for Quansut hut improvements. Jim offered to transport the plywood to the hut as well. **Paul KB1MTW** thanked Jim for his contribution to the club and thanked everyone for their recent efforts in cleaning out the Quanset hut. Some \$\$ was also raised at that time as some equipment was sold as well.
- **Paul KB1MTW** continued the Quanset hut discussion, reminding us of the past thoughts of improving the hut and setting up an active station with a tower installed as well. **Brad W1AY** offered tower and antenna options for discussion, including use of a Rohn 25 tower option if the clubs Cushcraft Yagi were to be used (due to weight, wind load and rotor stress) or take down and re-use **Bill N1FRE**'s tower and possibly sell the clubs Cushcraft Yagi and buy a HexBeam for use with it due to the tower design. **Paul KB1MTW** reminded us we also have tower sections stored at **Pete N1POO** and **Mark KC1ACF**'s houses. **Tom W6TOM** suggested welded tower sections (Rohn 25) rather than riveted sections for strength and longevity (rivets will rust). **Joe K1JMA** suggests we inventory all our club antenna and tower components. **Paul KB1MTW** will organize this effort.

- **Ross W1EKG** provided a training update. The Extra class is going well with a large turn out (approx 15 people..taking place Tuesday nights, 7pm at the Whitman Police station) and the Technician class is starting October 20th at 8pm. Ross also mentioned the idea of an over the air CW class is being discussed with **Bill K1UFO**. An instructor for this is needed. **Larry K1LJK** suggested a donation be made to the site hosting the flashcard app often used in the training classes. Motion to allocate \$25 for this purpose made by **Ross W1EKG** with a second by **Jeff WK1D**. Motion passed quorum vote. Ross further requested purchasing of **HamTestOnline** licenses for all 3 levels for class use. Motion to allocate money for **HamTestOnline** licenses for Technician (\$24.95) , General (\$29.95) and Extra (\$34.95) made by **Jeff WK1D** with a second by **Steve W1OD**. Motion passed quorum vote.
- **Ross W1EKG** informed everyone he had NEAR-Fest tickets for sale after the meeting.

Motion to adjourn the meeting made by **John W1IG** with a second by **Jeff WK1D**. Motion passed a quorum vote.

Joe K1JMA adjourned the meeting at 7:44 pm, 10/05/16

End Secretary's Report

Following the meeting, **John KC1FWV** gave a very interesting talk about Software Defined Radio (SDR) using the popular RTL USB dongle receiver. His presentation is now available online at http://www.wa1npo.org/techtalk/SDR_presentation.pdf



Whitman club meeting

October 5th, 2016

Photos by Jeff WK1D



Chris NICFB prepares a pre-meeting demo of thermite welding



The weld is complete!



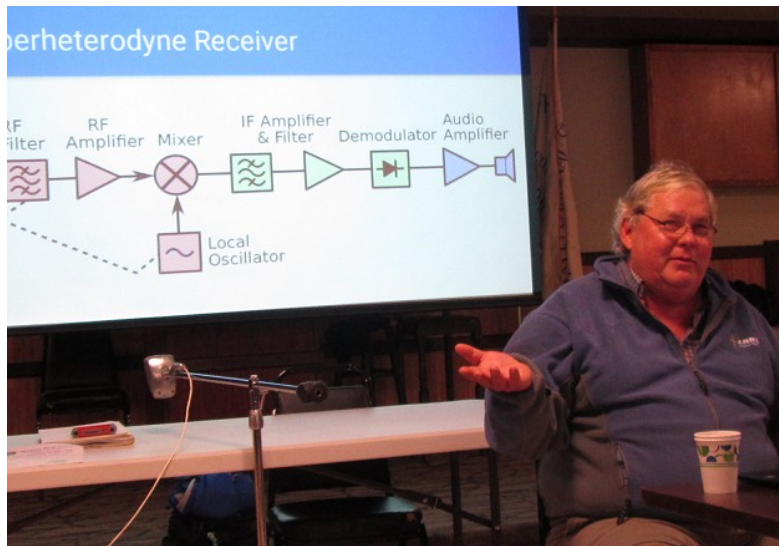


Tech-Talk: Software Defined Radio by John KC1FWV

photo's by Jeff WK1D & Larry K1LJK

After the October 5th club meeting, John KC1FWV gave a very interesting and informative presentation on Software Defined Radio using the RTLSDR USB receiver dongle and HamItUp RF upconverter. Johns presentation slides are available online at the club website:

http://www.wa1npo.org/techtalk/SDR_presentation.pdf







The Whitman club booth



and the equipment for sale



more equipment for sale



Mark KCIACF's Hustler 9BTV vertical HF antenna



*Friday night music jam with **Bob KAIKIJ** on keyboards (center) : "FREEBIRD"....a special request from **Mark KCIACF***



Mark KCIACF, Ross WIEKG and Larry K1LJK



*Right: **Mark KC1ACF, Larry K1LJK with Jeff N1SOM***



Mark KCIACF's table setup



The Whitman club equipment out for buyers to check out



John KC1DWY manning the Whitman Club booth



Jeff N1SOM's camper in place for the night



*2 beautiful days but a cold Friday night
at NEAR-Fest this fall.*



Above: L-R: **Paul KB1MTW, Billy K1UFO and Jeff N1SOM**
Below: **John W1IG** manning the club booth





Bob KAIKIJ with his new Extra class book, Randy KC1EFF and Allen WA1BEE



Matt W1AEM and Kurt KC1EUJ at the club table



Left: **John KC1DWH**
Below: **Ross W1EKG** about to enjoy
dessert!



Below: **Mark KC1ACF** at his table





Chris N1CFB and John W1IG deep in a NEAR-Fest discussion.

Right : new club member Chris KB1BZK and Billy K1UFO





The beautiful BABB COMM ONE camp site. This year Chris added a homemade 2meter, 4 element beam (below)





Mark KCIACF's Hustler 9BTV setup for field operations at NEAR-Fest



*Marks HF Field Kit - definitely **not** for sale!*



John WIIG, Joe KIJMA and Paul KB1MTW enjoying their Friday night dinner



*New club member **Tom W6TOM** gave a very interesting talk about power line noise in the ham shack*



***Bob KA1KIJ** and **Joe K1JMA** lend a hand with **Mark KCIACF's** takedown on Saturday*



Ross W1EKG at the closing ceremony on Saturday

Club members **Jeff N1ZZN** and **Billy K1UFO** were the lucky door prize winners of new Elecraft KX2 radios this year! Congratulations!

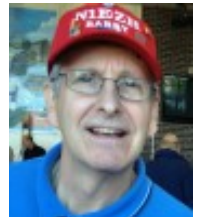


Upcoming 2016/2017 Amateur Radio event dates

- FARA fest Saturday November 5th
<http://www.falara.org/activities/fara-fest>
- Plimoth Plantation Special Event Fri-Sun Nov 25th, 26th, 27th.
- WinterFest 2017. The Whitman Club's HamFest Flea Market
Saturday January 21st 2017



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, 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 3rd 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 1st 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 and follow the link for the Sunday Public Service Net



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, November 2nd 2016
Whitman Knights of Columbus**

NEXT MOTA/Repeater MEETING

**Wednesday, November 16th 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

President	Joe Amorelli	K1JMA
V. President	Paul Moss	KB1MTW
Secretary	Larry Kenney	K1LJK
Treasurer	Jeff Tracy	N1SOM
Director	John Nelson	WD1L
Director	Ron Stundze	KB1OEQ
Director	Richard Metcalf	AG1B
<u>Director/</u>		
Past President	John Murphy	WI1G
Health/Welfare	Elayne Tovet	KB1IKH

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