



SPECTRUM



The Voice of the Humble Electron

Founded 1962



**August Club Meeting
8-3-16**

Photos by Jeff WK1D



Whitman Amateur Radio Club Meeting 08/03/16



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

Photo by Jeff WK1D

ATTENDANCE: 44 members and guests were present including 4 elected officers

K1JMA Joe Amorelli
N1SOM Jeff Tracy
WK1D Jeff Ayres
WA1ZKK Al Craddock
KC1JRA Gary Silvia
N1EDM Bob Mandeville
NM1F Jim Ford
K1FAB Fred Birtwell
W1MBH Scott Mitchell
KC1FZI Joe D'Antonio
KC1FZ George Davis
KC1DWY John Ginsberg
WA1MWF Larry Leblanc
KC1EFF Randy Mills
K1UFO Billy Robinson

KB1MTW Paul Moss
AG1B Richard Metcalf
WD1L John Nelson
W1JGR John Ruppel III
KC1FUV Stephen Cote
WA1YKF Warren Dickie
WA1MAD Mike Davis
WA1BEE Allen Hiltz
KC1EUJ Kurt Sundwall
W1AEM Matt Kane
N1OYH Carl Davis
WG1L Jim O'Rourke
KC1CQD Fred Sanford
SWL Leo Mills
KB1OEQ Ron Stundze

K1LJK Larry Kenney
KB1CYV Roy Logan
N1IQI Loren Pimentel
KC1JET Jim Tynan
N1ZZN Jeff Lehmann
KA1KIJ Bob Azanow
N1CFB Chris Babbitt
KG1ZX Ryan Merck
W1EKG Ross Hochstrasser
AB1NA Dave Elsner
N1LWK Ken Desruisseau
KB1MJL Elvin (Al) Marshall
KC1FTZ John Lafrate
N1POO Pete Carlson



Secretary's Report:

President **Joe Amorelli K1JMA** called the meeting to order at 7:00pm 08/03/16.
A quorum was present.

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

Treasurer **Jeff N1SOM** read the July 2016 treasurers report. Motion to accept the report as read made by **John WD1L** with a second by **Jim KC1JET**. Motion passed quorum vote.

Secretary **Larry K1LJK** indicated the July meeting notes were published in the July 2016 Spectrum newsletter available on the club website. Motion to accept the July 2016 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 KB1IKH reports no Health & Welfare items for the month.

Net Control for August 2016

- August 7th : **Jeff N1SOM**
- August 14th : **Bill N1FRE**
- August 21st : **Ross W1EKG (@CranLand)**
- August 28th : **Jeff WK1D**
- September 4th : **Larry K1LJK**

New Members:

- **Jeff N1SOM** and **Joe K1JMA** presented several new member applications in good standing to the club membership:
 - Motion to accept the following new members made by **Ron KB1OEQ** with a second by **John WD1L**. Motion passed quorum vote. Welcome to the club!!
 - **KC1FMT Michael Roche**
 - **KC1EFF Randy Mills**
 - **AC1AG Raymond Schmidt Jr.**

Old Business:

- **Field Day 2016 review**
 - **Jeff N1SOM** informed the club members he has officially submitted our field day contact stats. Jeff mentioned this is the first time since 1997 he didn't have to fill out an additional, legal size document required with paper log submissions as electronic logs were used this time. A big thanks was made to **Jeff N1ZZN** for preparing the club laptops for field day use. **Jeff** also mentioned this years total points (1320) was about double last years points. Thanks to all who participated in the event!

- **Paul KB1MTW** commented on the need for more operators during the Field Day event. He recommends scheduling even just an hour, if possible to operate on HF. Also new ideas are always welcome. Folks can also bring their own rigs to Field Day if they wish.
- **Mike WA1MAD** suggested we organize rides to/from events as a way to attract more operators. Mike used the upcoming Marshfield Fair event as an example but this would apply to all our club events. Mike also encouraged more club members to volunteer to be the Sunday net control operator as well. He reminded everyone the scripts to follow are online and easy to follow. His perception is the same 5-6 folks volunteer for net control every month.

New Business:

- **Mike WA1MAD** reminded everyone **Jeff N1ZZN** will be giving a talk on IRLP/EchoLink and repeater operation after the regular meeting adjourns as part of his suggested 'Tech Talk' addition to the monthly club meetings.
- **Marshfield Fair Update:**
 - **Bill N1FRE** provided an update on the August Marshfield Fair event. Bill has created 200 handouts for the fair. The purpose of these is to better interact with the children visiting the booth.
 - **Bill N1FRE** further commented: ●●● ■■■■■■■■ ●●● He needs help filling the booth roster and sent an SOS via a practice code oscillator while speaking to the members. He has 100 tickets for 10 days, 2 shifts per day for volunteers filling these shifts. A ham license is not required (friends, relatives etc are welcome in the booth) but a licensed amateur operator is required when operating the radios of course. Bill mentioned **Al KC1EFI**, **Paul KB1MTW** and **Ross W1EKG** will also have some of these tickets so please reach out to these folks for tickets once you sign up. The ticket includes free on-site parking as well. Bill had the booth roster sign up sheet and folks were invited to sign up after the meeting or email Bill or the Whitman club in the future to sign up.
 - **Jeff N1ZZN** asked about the stamp we will use for the fair's Passport program when the children visit the booth. **Joe K1JMA** offered to have a stamp created for the fair. Motion to appropriate \$25 to **Joe K1JMA** to have a stamp created made by **John WD1L** with a second by **Jeff WK1D**. Motion passed quorum vote.
 - **Kurt KC1EUJ** asked/suggested volunteers experienced in working at the club booth be available to work with first time volunteers. **Bill N1FRE** suggested checking the roster and signing up w/others who you know have worked the booth in the past. Bill also mentioned the most important thing is speaking with the public and relating your experiences with this hobby- and have fun doing this. **Paul KB1MTW** indicated he would be watching the booth roster and volunteering time at the booth when he could and when he thought some new or inexperienced folks would be working at the booth.
 - **Ross W1EKG** spoke about the fair experience being a lot of fun and was thinking of creating promotional cards for the clubs training being offered. **Bill N1FRE** reminded folks the handout he created highlights the training being offered by the club as well as the Labor Day Flea Market. Ross also spoke about using an HT to put folks on the air away from the booth. 20 meter radio operation caused interference in the past however.
 - **Joe K1JMA** mentioned the Genesis Amateur Radio Society was inquiring about joining us at our booth at the fair. The general consensus was any and all folks are welcome to join us at our booth but other clubs signage/banners/business cards

- wouldn't be added to the booth.
- **AI KB1MJL** asked why the Whitman club isn't listed with the advertised vendors attending the Marshfield Fair in their print ads or on the Marshfield Fair website? A quick discussion took place. The answer is not known although attempts to correct this have been made in the past.
 - **Larry K1LJK** mentioned folks just need to reply to the recently sent Marshfield Fair reminder email to sign up for booth time. It was sent from the clubs WA1NPO@gmail.com account which will be monitored for volunteers wishing to sign up.
- **Joe K1JMA** mentioned he will be reaching out to Plimouth Plantation for this years Thanksgiving weekend special event.
 - **Mike WA1MAD** suggested the club have a swapmeet at each club meeting. He brought a few items from home to kick this off. A quick discussion took place with the mention of having items for sale listed in the newsletter and/or on the clubs website. **Pete N1POO** also has some old photo's he brought in-free for the taking.
 - **Labor Day Flea Market event:**
 - **Chris N1CFB** updated everyone on the latest thoughts concerning the clubs Labor Day Flea Market event. Chris noted, since the rental cost of the K/C hall has risen significantly, the ability for the flea market to remain profitable is very doubtful. A general discussion took place on flea market options, including enhancing the clubs sales effort at the NEAR-Fest event in place of the flea market.
 - **Jim KC1JET** suggested we pass our increased hall rental cost on to our vendors.
 - **Chris N1CFB** confirmed that at this time, no fall flea market tables have been sold to any vendors. Chris will also confirm if the club can cancel the rental of the K/C hall for the Labor Day Sunday & Monday.
 - **Ross W1EKG** reminded us we could hold an emergency meeting in two weeks to decide if we will hold the Labor Day Flea Market once Chris has this info. A motion to allow the executive board to either run or cancel the Labor Day Flea Market based on **Chris N1CFB's** finding w/the K/C hall was made by **Jeff N1ZZN** with a second by **Jeff WK1D**. Motion passed a quorum vote.
 - **Jeff N1ZZN** suggested a winter Ham Radio themed flea market with an entrance fee charged. The general consensus agreed this is an idea worth persuing. **Chris N1CFB** mentioned the MIT club published list of area ham flea markets should be consulted when determining the date for this event. **Jeff N1ZZN** suggested Steve, the organizer, be contacted to find out when the best time over the winter might be for this event, and to add our event to the list once we have a date.
 - A question to the members was posed by **Joe K1JMA**: who would like to be on the team that organizes a winter ham radio flea market? Members volunteering were:
 - **Chris N1CFB**
 - **John KC1DWY**
 - **Jeff N1ZZN**
 - **Jeff N1SOM**
 - The question was asked as to the break even point of running a flea market at the K/C Hall. A rough estimate was 30-35 vendor tables sold at \$20/table.
 - **Billy K1UFO** suggested we take out a small ad in the local paper (Whitman-Hanson Express for example) indicating our club offers Amateur Radio license training. A general discussion took place regarding charging \$ for our classes. **Billy K1UFO** proposed a money back guarentee if the student doesn't pass the test.

- **Jim KC1JET** passed along info on next years Dayton Hamvention. It's moving from the Hara area (which is closing) to the Greene County Fairgrounds in Xenia OH – which is known to be a 32-acre complex. Questions on this facilities viability for hosting the Hamvention event is in question.

Motion to adjourn the meeting made by **Jeff WK1D** with a second by **John WD1L**. Motion passed a quorum vote.

Joe K1JMA adjourned the meeting at 7:59 pm, 08/03/16

Following the meeting, an equipment auction took place, followed by a very interesting talk by **Jeff N1ZZN** regarding IRLP, EchoLink and repeater operation.

Paul KB1MTW ran an equipment auction with the following results:

- **Matt W1AEM** donated \$5 for a soldering iron
- **Larry WA1MWF** donated \$22 for a pair of headphones
- **Larry WA1MWF** offered to take a non-functional Yaesu screwdriver mobile antenna
- **Larry K1LJK** donated \$5 for an MFJ electronic keyer
- **Scott W1MBH** donated \$5 for a 154Mhz mag mount antenna
- **Jeff WK1D** donated \$12 for an ARRL Hints & Kinks book
- **Steve Cote KC1FUV** donated \$200 for an Icom-745 HF rig w/mic and manual
- **Leo SWL** donated \$4 for a pair oh headphones

End Secretary's Report



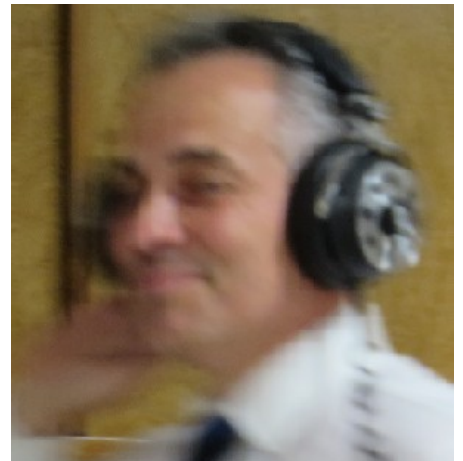
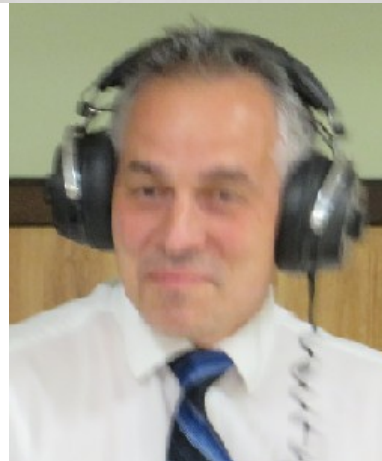
Witman club meeting

August 3rd 2016

Photos by Jeff WK1D











Operating Guide for WA1NPO Repeater IRLP Node 8691 EchoLink Node 484193 (WA1NPO-R)

147.225 MHz +600 kHz offset _PL 67.0 Hz

Standard Codes

To Connect to IRLP See http://status.irlp.net/ to search for IRLP Node Numbers	Dial 4-digit Node Number
To Connect to EchoLink See http://www.echolink.org/links.jsp to search for EchoLink Node Numbers	Dial # then Node Number
To Disconnect IRLP or EchoLink	Dial 73

Operating Etiquette

Identify	Identify your station before bringing up a link and after taking down a link. IDs are required with any control commands.
Slow down	IRLP is not as fast as simplex or local repeater contacts, therefore you must key your transmitter and wait for a moment before speaking. Otherwise the beginning of your transmission may not be heard.
Pause Pause Pause	Pause between transmissions! especially on Reflectors. Many repeaters run half duplex links to their IRLP node, therefore they can only disconnect between transmissions. Please wait for the courtesy tones, plus some.
Reflector ?	IRLP nodes support only a single connection to another node or "Reflector." Reflectors support many incoming connections. Every node connected to the same reflector talks to every other node connected, i.e. a conference bridge type service. All reflector node numbers begin with 9. New operators should connect to 9200 or 9250 and call for a contact.

Some portions of these instructions were borrowed from the W9KD IRLP node instructions

After the meeting Jeff N1ZZN gave us a presentation/demo of IRLP & EchoLink using an HT. Later he provided an instruction sheet on use of these features and included the node numbers/names for the Whitman club repeater (pictured here to the right). This is also now available on the club website)



Latest Project from Barry – N1EZH – July 2016 :



This is the latest project that I completed just prior to getting my new job at the end of July. I was having some issues with only having 3 Guy Ropes near the top of my Cushcraft R7 Vertical Antenna. When the wind would gust, the Top of the Antenna would still blow around some even with the 3 Guy Ropes that were in place on it! I added a 4th Guy Rope which seems to be keeping the top more stable when the wind gusts. I have some photos below.

Below Left: Mast, Cushcraft R7 Vertical and SPI-RO D56 down on the ground.

Below Right: These are some parts from a R8 Guy Kit that I purchased and put together that I needed for the Guy Ropes to be placed near the top of my R7 Antenna.





Mast, Cushcraft R7 Vertical and SPI-RO-D56 back up in the air with the 4 Guy Ropes in place to Stabilize the top of the Antenna! There are also 3 Guy Wires on the Military Mast Poles as well!

73 de Barry – N1EZH

W1NAS & K1USN Special Event Aug 20th by Steve W1OD

We're all set for two locations at the former South Weymouth Naval Air Station, The Memorial Grove where the A-4 jet is, and the Museum in the gymnasium building, to operate **W1NAS** along with **N1S** from the pier of the USS Nautilus in Groton, CT. next Saturday, August 20th. (below is the) flier you can send to your other clubs and operators will be welcome. All one has to do is show a copy of their license of General or better and we'll get them on the air! Let's have fun again and also a little praying to the HF band gods will help too! Additional details are in the August issue of QST. I hope to see you next Saturday -- with good weather too!



Special Event Radio Stations

W1NAS and K1USN

LIVE

from the

Shea Naval Aviation Museum and the Shea Memorial Grove



Come see Amateur Radio at its Best! Both **W1NAS** and **K1USN** will be again be operating **LIVE** from the two locations on the former South Weymouth Naval Air Station is South Weymouth, MA. This **FREE** Special Event once again commemorates the first ever flight of the Blimp "Snow Goose" from NAS South Weymouth on a fifteen-day mission to the Arctic Circle while the submarine USS *Nautilus* sailed under the polar ice cap. Amateur Radio Station **N1S** will be operating from the pier of the USS Nautilus Museum in Groton, Connecticut, at the same time. Ham Radio Operators will be demonstrating radio equipment and operating on the amateur HF bands making contacts all over the world. *Come join the fun!*

W1NAS is the Amateur Radio Station of the Shea Naval Aviation Museum and is located at the former South Weymouth Naval Air Station, now called **SouthField**. The Museum is dedicated to preserving the history and heritage of NAS South Weymouth and its predecessor NAS Squantum, and is open at 9 AM. Admission is FREE and all are welcome to come. For more information on the Museum, please visit our Facebook page or www.anapatriotsquadron.com. For more information on W1NAS, see www.qrz.com/db/w1nas, and for K1USN, see www.K1USN.com.



Saturday, August 20, 2016

9:00 AM to 3:00 PM

Shea Naval Aviation Museum

495 Shea Memorial Drive

South Weymouth, MA

www.anapatriotsquadron.com



W1NAS & K1USN Special Event Aug 20th

photo's by Jeff WK1D



Rick KB1TEE and team worked hard to put up the large operating tent and trailer based, home fashioned tilt-over/crank-up mast system for vertical antenna and dipole support. Rick setup at the Memorial Grove near the A-4 jet.



Bob KA1KIJ



Bob WA1TPC



John N1UMJ



Bob KA1KIJ and Rick KB1TEE



John N1UMJ using his Icom 706 /GoBox



Sea Scout members **Tom WA1TOM** (nephew of **AI W1SM**) & another fellow scout helped out with securing the antenna supports.

W1NAS & K1USN Special Event Aug 20th

photo's by Larry K1LJK



The large operating tent (top) partially assembled and (above & right) the trailer based, home fashioned tilt-over/crank-up mast system supporting mag-mount vertical antennas and the center support of a dipole.





(L-R) Rick KB1TEE operating his FT450, Jeff WK1D, John N1UMJ and Tom W1ICU



(above) John N1UMJ using his Icom-706 GoBox and computer logging netbook. (left) Jeff WK1D.





Paul KB1MTW (left, standing) stopped by as well as **Mark N1ISS** (below on the left)



Bill NR1FD brought his completely homemade portable antenna system (similar to a buddy-pole). Bill even built his own multi-tap tuning coil from scratch





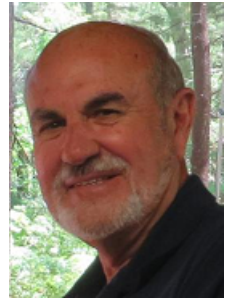
Rick N1DC at the Shea Museum working 40 Meters using a ground mounted (temporary install) Eagle One vertical antenna.



CranLand Fly-In Breakfast

Aug21st

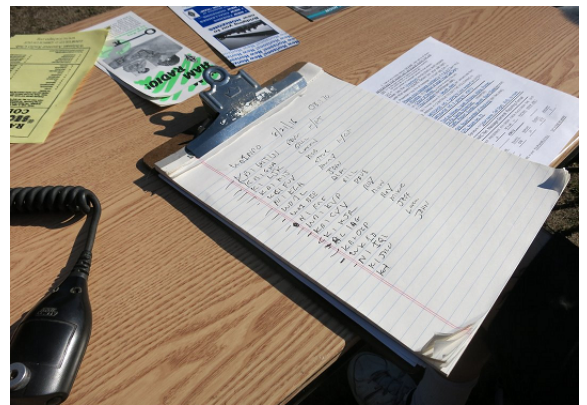
photo's & captions by **Bob K1NOK**



At about 9 AM, the breakfast line got quite long!



The Whitman Amateur Radio Club running their Sunday morning net (l-r) Dave KB1EVP, Ross W1EKG, John WD1L and Larry K1LJK



Looking for N1VI in the log???

Below: Dave Newman and his wife Barbara were there with his Ghost Busters' Mini8

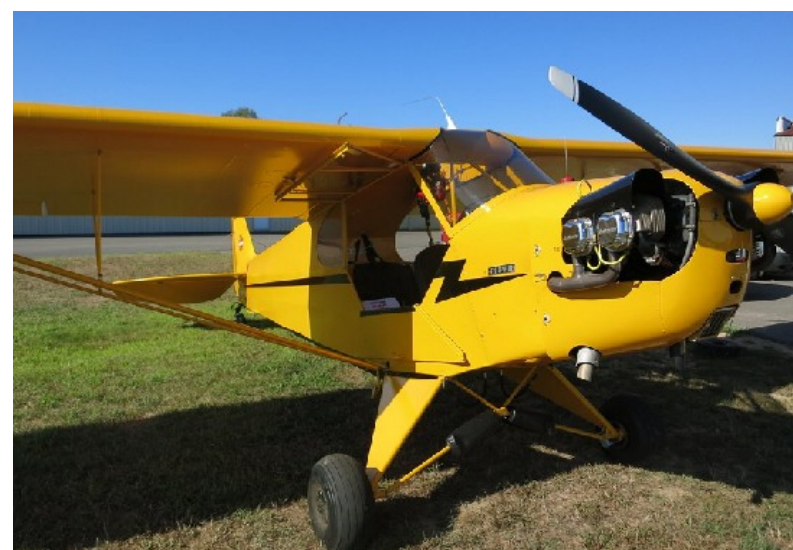




A new paint job



The crowds started to build around 9 AM



A Mint Cub!



Room for you and a friend



This is the exact Plane that I trained in. It is believed that I was the only pilot to fly it upside down! It was not intentional!!



85 Bravo



The plane looks good all shined up!



Note the new wing tips- Good looking and functional



Tom (KITH), just landed before I got there.



Nice toy Papa!



Lot's of Classic Cars on Display



I believe this vehicle was produced in 1701. It looks it!



Another great day after a hardy breakfast!!



Marshfield Fair



The finished booth (photo by Mike WA1MAD)



The Setup Crew: (L-R) Mark KCIACF, Jim WGIL, John KB1ODS, Mike KC1FMT, Ross W1EKG, Fred K1FAB, Paul KB1MTW, Loren N1IQI, John WD1L, Richard AG1B (photo by Richard AG1B)

Set Up Crew Thurs. Aug 18, 2016 10:00 AM: Mark KC1ACF, Loren N1IQI, Richard AG1B, Paul KB1MTW, John G. KC1DWY, Ross W1EKG, Al Drollett W1SM		Take Down Crew Monday Aug. 29, 2016 9:30 AM: No Ticket Required... enter through GateA off 3A Mark KC1ACF, Loren N1IQI, Richard AG1B, John G. KC1DWY, John WD1L	
Friday - August 19 Afternoon 12:00 to 16:30	Friday - August 19 Evening 16:30 to 21:00	Saturday - August 20 Afternoon 12:00 to 16:30	Saturday - August 20 Evening 16:30 to 21:00
Jeff Ayres WK1D	Pete Carlon N1POO	Al Craddock WA1ZKK	Randy Mills KC1EFF & Leo (son)
Al Craddock WA1ZKK	Alice Carlson KB1OAU	John Lafrate KC1FTZ	Allen Hiltz WA1BEE
John Chase KB1ODS		Ken N1LWK	Jeff Tracy N1SOM
John Miller N1UMJ			
Jessica Miller N1MOJ			
Sunday - August 21 Afternoon 12:00 to 16:30	Sunday - August 21 Evening 16:30 to 21:00	Monday - August 22 Afternoon 12:00 to 16:30	Monday - August 22 Evening 16:30 to 21:00
Al Marshall KB1MJL	Dave Beauvais KB1QMX	Mark Vess KC1ACF	Mike Davis WA1MAD
Bob Azanow KA1KJ	Denise Sisson KC1CFO	Jeff Ayres WK1D	Fred Birtwell K1FAB
Larry Kenney K1LJK	Rob Sisson N1RTS	Al Craddock WA1ZKK	Jeff Lehmann N1ZZN
			Billy Robinson K1UFO
Tuesday - August 23 Afternoon 12:00 to 16:30	Tuesday - August 23 Evening 16:30 to 21:00	Wednesday - August 24 Afternoon 12:00 to 16:30	Wednesday - August 24 Evening 16:30 to 21:00
John Barbour KC1FWV	Matt Kane W1AEM	John Barbour KC1FWV	Ryan Merck KG1ZX
Al McPhee KC1EFI	Ross W1EKG	Jeff Ayres WK1D	Al Marshall KB1MJL
John G. KC1DWY	Billy Robinson K1UFO	Al McPhee KC1EFI	Jeff Lehmann N1ZZN
	Joe KC1FZI		Chris Babbitt N1CFB
	Fred Birtwell K1FAB		
Thursday - August 25 Afternoon 12:00 to 16:30	Thursday - August 25 Evening 16:30 to 21:00	Friday - August 26 Afternoon 12:00 to 16:30	Friday - August 26 Evening 16:30 to 21:00
Mike Davis WA1MAD	Matt Kane W1AEM	Mark Vess KC1ACF	Ryan Merck KG1ZX
Chris Babbitt N1CFB	Ross W1EKG	Loren Pimentel N1IQI	Jeff Lehmann N1ZZN
John G. KC1DWY	Kurt Sundwell KC1EUJ	Ray Schmidt AC1AG	Jeff Tracy N1SOM
	Joe KC1FZI	Ron Hawkins K1KJR	Ron Hawkins K1KJR
Saturday - August 27 Afternoon 12:00 to 16:30	Saturday - August 27 Evening 16:30 to 21:00	Sunday - August 28 Afternoon 12:00 to 16:30	Sunday - August 28 Evening 16:30 to 21:00
Bob Azanow KA1KJ	Jeff N1SOM	Dave Beauvais KB1QMX	John G. KC1DWY
Larry K1LJK	Al McPhee KC1EFI	John Murphy W1IG	Chris Babbitt N1CFB
Ben Rioux (SWL)	Paul KB1MTW	Chris Babbitt N1CFB	Billy Robinson K1UFO
Joe Amorelli K1JMA			Fred Birtwell K1FAB

Here's a wrap-up of our yearly Marshfield Fair event with many pictures showing all the booth activity. Thanks to all who participated this year. To start with, a picture of the finished booth above left and the setup crew who put this all together (thanks very much folks!).

Left is the latest copy of our on-line booth roster showing the volunteers who spent time at our booth. (fyi-**Paul KB1MTW** was seen many more times at our booth than shown here -Thanks (as always) for the extra help Paul!)

...and of course, our #1 volunteer, the Marshfield Fair Event Organizer again this year : **Bill N1FRE**



A special thanks to **Bill N1FRE** for his great work organizing this club event, interacting with the Marshfield Fair management, organizing our booth roster, motivating volunteers and assuring we all had Fair tickets in hand when we needed them. (and for standing by on the Whitman repeater quite often during the event, speaking with many children at the booth!)



Helping Bill this year with ticket distribution was **Ross W1EKG, Al KC1EFI and Paul KB1MTW**. Thanks folks!

Bill also created 200 handouts ready for the kids and parents who came to the booth. Here's the contents of the flyer Bill created:

Kids' Passport Presentation

by
The Whitman Amateur Radio Club Inc.

Lets find out some interesting things about **Radio**.

First, - **What is Radio ?** We can recognize that It's one way to send information from one place to another.

Second, - **Radio waves** – They travel through space at the speed of light, (186,000 miles per second), or 300 million meters per second).

Once the **radio signal** is sent from the **transmitter** into an **antenna, radio frequency electrical energy** jumps off into and through the **air**,
(*no, you can not see it happen!*)

The Ionosphere – Is made up of **air**, up to 300 miles up in the sky, and is electrically charged by the Sun.

Radio waves may bounce from the **Ionosphere**, and back to **Earth** where a **radio receiver**, connected to an **antenna**, can listen to the message that was just sent from many miles away.

Communications are sent from place to place, using the radio's electrical energy, (**RF**), without wires connecting the radios.

Third, - **What is Broadcast Radio ?** This information sent, can only be heard, such as

music, news, or sporting events. This is **one way radio** meant for listening only.

Fourth, **Ham Radio** is an example of **Two-way Radio** that lets you send messages **back and forth**, which means you can talk to someone far away where they can hear you and talk back to you.

Ham radio operators in the U.S. A. are issued individual Amateur licenses and call signs by the FCC. The FCC also issues all licenses and call signs to commercial radio stations as well.

Some more examples of people who use **Two-way Radios** are policemen, firemen, ambulances, taxi cabs, race car drivers, airplane pilots, astronauts, and *especially* > **Ham radio operators**.

HAM RADIO – a 100 year old hobby

Lets get started - First things first, you will need a license to operate.

There are **free local classes** that teach basics that include some FCC rules, electrical principles, safety, radio operating procedures and more.

By correctly answering 26 of a 35 question written multiple choice examination, you will have earned the FCC **Amateur Technician Class** radio license. All of the questions and answers used are widely published with no secret or trick questions.

This new privilege allows you to operate on 10 of the 16

radio frequency bands while using up to 1500 watts of power on some.

What can I do with my new "Ham ticket" ? There are many things.

Here are just a few ideas <>

- <> Talk to people and new friends in foreign countries.
- <> Talk to people (both local and far) while traveling in your car.
- <> Help in emergencies and natural disasters.
- <> Participate in contests or field day events.
- <> Participate in transmitter hunt games, also build your own direction finding equipment.
- <> Talk to the Astronauts on the International Space Station.
- <> Experiment with Amateur TV, also many digital applications.
- <> Communicate back to Earth through orbiting ham satellites ---

And this is just the beginning !

The Whitman Amateur Radio Club Inc.

is here to help you ! Check out our **web site**
www.wa1npo.org for local ham radio activities
and also information regarding **current free local ham radio licensing classes** --

<> Archie handout – back side <>

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The Whitman Amateur Radio Club Inc.

is here to help you ! Check out our **web site**
www.wa1npo.org for local ham radio activities
and also information regarding - **CURRENT FREE LOCAL HAM RADIO LICENSING CLASSES** --
email – WA1NPO@gmail.com - You can also contact us by phone and leave your return call information at 781-523-5010.

email us – wa1npo@gmail.org - You can also contact us by phone and leave your return call information at 781-523-5010.

The two most popular study manuals available are The ARRL license manual, and Gordon West – WB6NOA license manual.

Here are some more web resources to get you started, (includes study and test materials)
www.arrl.org, www.qrz.com, www.w5yi.com
www.qrz.com/testing.pl
www.hamtestonline.com

◊ ◊ advertisement ◊ ◊ advertisement ◊ ◊ advertisement ◊ ◊ advertisement ◊ ◊

Flea Market – Craft Fair – Sept. 4th & 5th
Whitman K of C – Rt.18 – Abington line
8:00 am to 3:00 pm rain or shine
Vendors call A.S.A.P.
for Details & Special Price
781-523-5010 www.wa1npo.org

◊ ◊ advertisement ◊ ◊ advertisement ◊ ◊ advertisement ◊ ◊ advertisement ◊ ◊

Setup Operation at the Marshfield Field

Aug 18th

photo's by Richard AG1B



Lunch break for the setup crew. Garry AB1CQ (left) joining the team

Thanks very much to the Setup Crew volunteers! It's hard work getting the booth in shape and looking great!

Marshfield Fair

photo's by Jeff WK1D



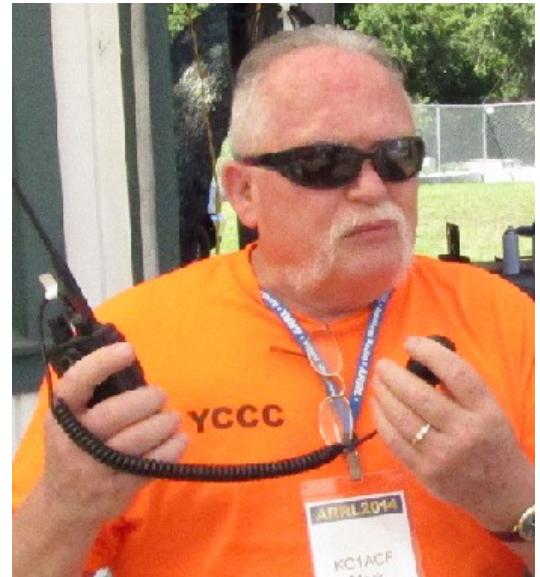
Mark KCIACF working at the booth



Mark greeting visitors with Al WAIZKK working on the radio



Our booth showing the window antenna above (w/orange tape)



Mark KCIACF



Al WAIZKK



The Clydesdales came by



(L-R) Al KC1EFI and John KC1FWV





views from the booth



The Take Down crew: (L-R) Mark KCIACF, Richard AG1B, Loren NIIQI, Kurt KC1EUJ, John WD1L, John KB1ODS, Jeff WK1D

Thanks very much to the take down crew volunteers for their time and effort getting the clubs gear broken down and moved back into club storage!



(front) Joe K1JMA, (back L-R) Al KC1EFI, Bob KAIKIJ



Zoe and Kayla spoke with Bill N1FRE on 2 Meters



Aiden working Bill N1FRE !



Bob KAIKIJ with nephew Ben (swl, left)



Joe KIJMA taking 2-Meter check-ins.



Bob KAIKIJ getting more kids on the air!





Chris KB1BZK visited our booth and worked HF for quite a while. Thanks Chris.



Chris KC1BZK, after working SSB asked if he could bring his new Icom-7300 & laptop to our booth. Soon he was making international PSK-31 contacts!



Bob KAIKIJ greeting the public while Chris continues to work PSK-31



Chris KC1BZK and Joe KIJMA



Photo of the booth at dusk (left) and (below) **Billy K1UFO** working HF





1st shift on Saturday Aug 27th: (L-R) Larry K1LJK, Chris KC1BZK, Ben SWL and Bob KA1KIJ (behind Ben)



Bob KA1KIJ and nephew Ben SWL working 40 meters



Edward Meehan (Ret BFD), age 84, of Brockton, died August 25, 2016, after a lengthy illness. He was the devoted husband for 53 years of Nancy T. (Gabriel) Meehan. A lifelong resident of Brockton, Ed was the son of the late Thomas M. Meehan and Mary G. (Slattery) Meehan. In addition to his wife, Ed is survived by his daughter, Mary Beth Meehan, and her husband, Chad J. Galts, of Providence, RI; his beloved grandsons, Graham and Edward Meehan Galts, and many nieces, nephews and cousins. He was the brother of the late John F., James J., and William T. Meehan. Ed attended Brockton High School and Massasoit Community College. He served in the U.S. Navy during the Korean Conflict, and sailed in the Merchant Marines for the Esso Oil Company. He worked as a guard in the Department of Corrections in Bridgewater and Walpole, and was most proud, in 1965, of becoming a Brockton Firefighter. Throughout his life, Ed had many talents and interests. He was an avid gardener, beekeeper, hunter, and fisherman. He built and flew model airplanes, was a Hamm radio operator, and held his pilots license. He hand-caned chairs, and later in life became an accomplished woodcarver and weaver of Nantucket baskets. A gregarious presence in Brockton, he remained active with the Brockton Firefighters Relief Association, VFW Post 697, the Brockton High School Band Boosters, and the St. Colman community.



Ed N1NTZ (above) at Plymouth Plantation and (right) Fox Hunting, both estimated circa 1999.

Upcoming 2016 Amateur Radio event dates

- MIT Sunday Flea Markets & CranLand breakfast Fly-ins:
 - <http://w1mx.mit.edu/flea-at-mit>
 - <http://www.eaa279.org/index.htm>
 - Sept 18th, Oct 16th.
- ARRL New England/Boxboro Convention. **NEW DATE:** Fri-Sun September 9th-11th (same location: Holiday Inn)
 - <http://www.boxboro.org/2016/index.html>
- NEAR-Fest: Fri & Sat October 14th & 15th
 - <http://www.near-fest.com>
- FARA fest Saturday November 5th
<http://www.falara.org/activities/fara-fest>
- Plimoth Plantation Special Event Fri-Sun Nov 25th, 26th, 27th.



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

NEXT MOTA/Repeater MEETING

Wednesday, September 21st 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

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

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