

The Parasitic Emission

Volume 37, Number 9
September-October 2011

In this 13-Page Issue...

- On The Air** 2
Amateur Radio: It's not just for breakfast anymore
- Club Connections** 3
News and views from all over...
- Local Net Schedules** 9
- Shorts** 11
- 10 VHF+ Commandments** 11
Strive to make at least a few contacts with your fellow amateurs...
- Out of the Box** 12
Although I am not licensed, I am having fun with Amateur Radio
- Calendar** 13
October 2011 Amateur Radio Club Activities

Supporting Amateur Radio Club Activities

2011: The Year of the Club

ISSN: 2156-0080

Welcome to the new Cambria Radio Club!



by Joe Shupienis W3BC

JUST LIKE orange juice, Amateur Radio isn't just for breakfast anymore. But the poor turnouts I've seen at Public Service events that happened to be held on "Breakfast Saturdays" recently are starting to make me wonder.

Presenting ourselves as responsible, skilled communicators who freely offer our communication services to our neighbors and communities will serve us well when it comes time for consideration of antenna ordinances and zoning issues. If you set a good example, you may be pleasantly surprised when people ask you about becoming hams.

Case in point: An informal group of hams—some club members and some not—from our area and Pittsburgh worked together to provide vital communications support for the "Baker Trail Ultra Challenge," a 50-mile footrace. Lest you think Amateur Radio was just a "tag-along" allow me to disabuse you of that notion—Amateur Radio played a key part, and the hams who helped were overworked at times. There was so much traffic on the 147.105 repeater that it was most likely the busiest day it ever had. **That** is how much we are needed!

But wait! There's more. Over the past several years that our local hams have provided this service, the event organizers have been impressed—so much so that *they* have studied for exams and obtained their own Amateur licenses! That's right—by simply participating in a one-day event, we inspired people to become hams!

Jefferson County ARES Emergency Coordinator Kevin Snyder KA3YCB was pleased with the participation, but was concerned that the group was short by at

least one ham. (You know who you are.)

We hams are a helpful lot. We like to think we take public service seriously. We brag about our ability to provide communications "When all else fails." (I wonder—do we have to wait until everything else fails, or can we start providing communications **before** things get that bad?)

We point with pride to Amateur Radio's past achievements like the Hurricane Katrina response. But I wonder how many of us who are telling the story actually participated in those events in a meaningful way.

In my travels to various club meetings, one of the main topics I hear is Emcomm this and Emcomm that, and that reflects very well indeed on our good intentions. We're on the right track when we recognize our obligation to serve our communities and neighbors.

What amazes me however is that when we are presented with an actual opportunity to serve the public, not enough of us show up to help. We need to show up in force!

But look out when the dinner bell rings! Don't stand in the way, lest you get trampled by a hungry herd of hams! (Yes, I know that food is the most powerful motivational force on the planet, but **really!**)

When I first started in Amateur Radio some 45 years ago, hams had to be active. In fact, you had to be able to prove by your logbook (remember those?) that you had been active on the air, or you were not permitted to renew your license! Maybe that's one reason why today, although we have more hams than ever (on paper) we see fewer and fewer at our meetings and activities.

Deep down, all people feel the need to be of use to each other, and that instinct has served mankind since the dawn of history. How many times did you feel slighted when

there was an emergency but you and your ARES buddies weren't "activated?"

It kind of rubs you the wrong way when you've been checking into ARES nets and talking about emergency communication at club breakfasts for years, but when the tornado or flood or blizzard hits, the EMA doesn't ask for all that help that you're just aching to provide. It almost feels like they don't even know you exist.

In fact, it's exactly that. They **don't** know that you exist.

You see, the EMA Director and the other served agency officials most likely never heard you checking into the ARES net, because they aren't hams (let alone ARES members!) They never heard your wonderful Emcomm discussions at the club breakfasts because they weren't **at** the club breakfasts!

Where were they? I'll tell you where they were. They were at that footrace or car show or bicycle tour or parade or fair or whatever other Public Service opportunity you blew off because someone had the audacity to schedule it on Breakfast Saturday. That's where **they** were! And their opinion of our usefulness is shaped by our activity level.

Now don't get me wrong—if you have to work, or your family needs you, by all means take care of business on the home front! As the *Amateur's Code* says, "The Amateur is Balanced." What I'm talking about is assigning the proper priorities to club socials versus operating in the Public Interest. I think we all know which is more important!

I'll see you...**On The Air!**



Amateur Radio: It's not just for breakfast anymore



The Quad-County Amateur Radio Club

An ARRL Special Service Club
Serving Clearfield, Jefferson Elk And
Cameron Counties Since 1975

Meeting Notice

October 21, 2011

October Meeting: The October meeting will be held on Friday, October 21 at 7:30 pm in the meeting room of the Clearfield County 911 Center, 911 Leonard Street in Clearfield.

October Breakfast: 9:30am, Saturday, October 8, Sid's Sub Shop, Old Town Road, Clearfield

Fall Picnic: 1:00 pm Saturday, October 15, at Ed Golla's homestead, 4463 PA-310, Reynoldsville. This is the same location that served the club for Field Day and club Picnics for many years until Ed WA3GMT became a silent key. His son, Ed, Jr. K3AHS has graciously permitted us to return to the site of so many happy times the club shared over the years.

The Club will provide hamburgers and hot dogs, "BUX" Sauce (from Dick Flanders WA3BUX's recipe), condiments, buns and soft drinks. If you can, please bring a covered dish to share with the group. Lawn chairs or folding chairs may be useful.

The picnic will be held, rain or shine. In case of blizzard, bring a shovel.

Minutes: August 19, 2011

by Jeff Rowles KA3FHV

THE MEETING WAS called to order at 7:34 PM by Doug, W3DWR with several guests in attendance:

Tom and Lois Gutshal, Claude Pierce, Greg, Bev Husdick, Deb Robinson and Jerry Bosak,

The reading of the minutes was skipped to save time. They are printed in the August newsletter. The treasurer's report was read with a motion to approved made by KA3FHV and seconded by W3KWT. Motion carried.

Old Business:

Lars, our technical specialist, and Ed, KB3VWX, and still working on Ed's electrical line noise problem. Doug, W3DWR, gave a brief report on the special event station and noted that he will be contacting the Fair Board to secure the Sportsmen's pavilion for Field Day 2012.

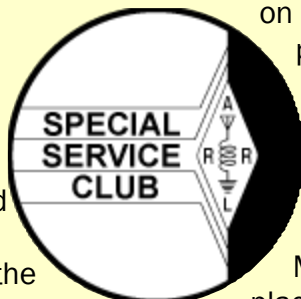
New Business:

The Quad-County reunion picnic will be held on Saturday, October 15th at the Golla property along route 310 south of Reynoldsville. More information will become available later. A motion to purchase two Technician Class license manuals was made by WA3UFN and seconded by W3PIG. Motion carried. These books will be placed in the DuBois and Punxsutawney public libraries in memory of Bernie Masonis, WA3UKE, and Jim Byrne, KA3WSX.

A motion to adjourn was made by KA3FHV and seconded by KB3SVW at 7:48 PM. Motion carried.

Lois Gutshal, WB3EFQ, president of the Young Ladies' Radio League, presented an excellent program on the history and happenings of the YLRL.

Attendance: KA3FHV, AB3NK, W3KWT and wife Deb, Claude Pierce, KB3LES, W3TM, W3PIG, Greg, W3BZN, WB3EQW, W3DWR, WA3UFN, Bev Hudsick, KB3WBT, W3BC, KC2RHQ, KB3VWX, K3JE and N3PUQ.



Minutes: September 16, 2011

By Jeff Rowles KA3FHV

The meeting was called to order at 7:32 PM by Doug, W3DWR. The minutes of the previous meeting were approved as read with the inclusion of W3BC to the attendees. The treasurer's report was approved on a motion by KA3FHV and seconded by KB3VWX.

Old Business

Doug, W3DWR, reminded the group that we still need to appoint an official emergency station. Also the incorporation information needs to be sent to Harrisburg by the end of the year. The reunion Picnic was discussed. The club will supply hot dogs, buns, condiments and soda. A motion to that effect was made by W3BC and seconded by KB3LES.

Quad-County ARC Information

President	Doug Rowles W3DWR w3dwr@hotmail.com
Vice President	H. Deforest Murray, III W3TM kb3tap@hotmail.com
Secretary	Jeff Rowles KA3FHV jrowles@earthlink.net
Treasurer	Dorothy Morrison N3PUQ edmo1@atlanticbb.net
Executive Board	Don Jewell KB3LES Lars Kvant KB3WBT (SM7FYW) Ed Morrison K3JE Joe Shupienis W3BC Bryan Simanic WA3UFN
Officers	Technology: Lars Kvant KB3WBT(SM7FYW) Public Info: Joe Shupienis W3BC
Repeaters	N3QC 147.315+ [173.8]Rockton Mt K3EDD 444.625+ [173.8]Rockton Mt N3IZE 444.900+ [173.8]Clfd local N3QC-1 144.390 APRS Digipeater
Nets	Sunday @ 1900 147.315 (Club)
Web	www.qcarc.org , info@qcarc.org

Punxsutawney Area Amateur Radio Club

Serving Punxsutawney and Jefferson County



Meeting Notices

Tuesday, July 12 7:00 pm

PUNXSUTAWNEY Area Amateur Radio Club meetings are held on the Second Tuesday of each month at 7:00 pm in the Punxsutawney Presbyterian Church, Findley Street.

Shack Night

SHACK NIGHT IS held at the Punxsutawney Airport in Hangar B at 7:00 pm the first Tuesday, May-October.

Monthly Breakfast

BREAKFAST get-togethers are held the last Saturday of each month at the Amish Restaurant, Route 310 between Anita and Reynoldsville.

PAARC Information

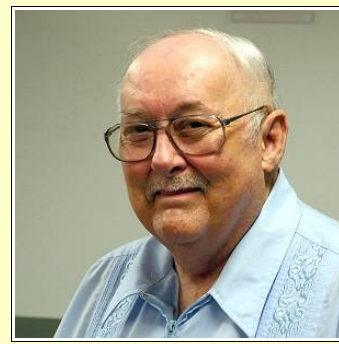
President	John Buttner, KB3OUG kb3oug@gmail.com																								
Vice President	Tom Sprague, KB3TOY																								
Secretary	Steve Waltman, KB3FPN kb3fpn@windstream.net																								
Treasurer	Sham Hollopeter, W3QOS																								
Repeaters	<table border="0"> <tr> <td>N5NWC</td> <td>146.715-</td> <td>[173.8]</td> <td>Punxs'y</td> </tr> <tr> <td>N5NWC</td> <td>443.475+</td> <td></td> <td>Punxs'y</td> </tr> <tr> <td>KE3DR</td> <td>147.390+</td> <td>[173.8]</td> <td>Rockton</td> </tr> <tr> <td>N3HAO</td> <td>53.07-</td> <td>(-1MHz)</td> <td>Rockton</td> </tr> <tr> <td>N3JGT</td> <td>147.105+</td> <td>[173.8]</td> <td>Sigel</td> </tr> <tr> <td>N3GPM</td> <td>444.275+</td> <td></td> <td>Brookv1</td> </tr> </table>	N5NWC	146.715-	[173.8]	Punxs'y	N5NWC	443.475+		Punxs'y	KE3DR	147.390+	[173.8]	Rockton	N3HAO	53.07-	(-1MHz)	Rockton	N3JGT	147.105+	[173.8]	Sigel	N3GPM	444.275+		Brookv1
N5NWC	146.715-	[173.8]	Punxs'y																						
N5NWC	443.475+		Punxs'y																						
KE3DR	147.390+	[173.8]	Rockton																						
N3HAO	53.07-	(-1MHz)	Rockton																						
N3JGT	147.105+	[173.8]	Sigel																						
N3GPM	444.275+		Brookv1																						
Nets	Monday @ 1930 147.390 (Club) Monday @ 2000 147.105 (Jeff EMA)																								
Web	http://sites.google.com/site/punxyhamclub/																								

Behind The Gavel

by Doug Rowles W3DWR

"To err is human..."

LAST MONTH I was human when I sent the August 2010 Gavel to Joe for inclusion in the newsletter. If everyone could now be divine, we can get the September 2011 Gavel underway.



On Monday, August 22, a small group of amateurs got together at the DuBois Diner to kick around some ideas of how area ham clubs could interact to help each other improve

services to their members. An exchange of speakers for programs was one area discussed, along with technical and innovative ideas. The group included Joe W3BC, Doug W3DWR, Jeff KA3FHV, Fred KA3UVC, Pete WW30 and Bob KB3WKE.

After the August Quad-County Club meeting I was talking with Lois, WB3EFQ. I got to know her and her husband back when I was first licensed. At the time I was teaching at Windber Area High School and would regularly check in to the Blue Knob net Sunday evenings. We remembered the Sunday that net was nearly over and that we were close to 100 check-ins. Lois kept the net going until we did hit 100. Then there was the night we had a record for the longest distance. A ham checked in from Long Island, New York. He was running a kilowatt into a pair of Cushcraft beams!

Keep an eye on the QCARC.ORG web site. There is always something new to see there. News on the October reunion picnic will be posted as the plans become more refined.

New Business

The ARES net will be moving to Sunday evenings at 7:30 PM to attempt to increase participation.

W3BC spoke to the idea of establishing the position of Public Service Officer to coordinate Public Service communication support activities for parades, races and such, and to inform the public organizations and agencies of our readiness, willingness and ability to do so. A motion to adopt this idea was made by W3BC and seconded by AB3NK. Motion carried. Kevin, KA3YBC, was appointed to fill that position..

Al, KB3SVW, was appointed to the position of QSL manager for the club. He will forward envelopes and a list of club members to the QSL Bureau, and they in turn will send QSL cards for the entire group back to him. This will be helpful to the group in cutting the waiting time for those rare DX cards to be delivered.

A motion to adjourn was made by KB3LES and seconded by W3TM at 8:01 PM.

Attendance

KA3FHV, K3JE, N3PUQ, KB3SVW, AB3NK, KB3LES, W3TM, W3DWR, WB3EQW, KB3VWX and W3BC.



Clearfield County Emergency Coordinator Mike Errigo W3EQW at the EOC's HF Amateur Radio station

Philipsburg Amateur Radio Association

Serving Philipsburg and Clearfield County

Meeting Notice

by John Szwarc N3SPW

PARA meetings are on the 2nd Saturday on the month. For October this works out to:

Saturday October 8th, 2011. 3 PM.

MEETING LOCATION:

The location will be Holt Memorial Library, lower level in the Community Meeting Room.

The address is 17 North Front Street, Philipsburg. The library will be closed at 3 PM and you will not be able to get in through the front door. You will need to use the rear entrance on the lower level of the building. To access the rear entrance use Laurel Street and you will find a private parking lot in the back of the building.

For anyone who needs directions, here is a map quest link:

<http://mapq.st/e6OmJ3>

Hope to see you there.

Minutes of the September Meeting

by John Szwarc N3SPW

Members in Attendance: Dave AA3EJ, John N3SPW, Filip AB3HK, Lou WB3AAI, Dick K3BIE, Ted WB2LOU.

Members who sent word in advance that they would not be able to attend: Mike WB3EQW, Leo K3UMT, Jerry WA3GFL.

Meeting called to order by President Dave AA3EJ at 15:08 UTC.

VE Testing – General discussion about no scheduled VE sessions. Joe KB3CBN is the PARA Contact VE for the ARRL testing program. Joe was not in attendance nor has he attended other club functions this summer. John N3SPW volunteered to contact Joe and determine Joe's interest in the PARA VE Testing Team. Follow up report due at the October meeting.

Membership Report – Two new members since the last PARA business meeting: Ted Trostle WB2LOU of State College and Carmine Prestia K3CWP. Membership currently stands at 29 with 24 voting, 5 non-voting. 72% of PARA members are ARRL members.

Treasurer's Report – PARA Treasurer Jim N3ONE was not in attendance. No report given.

Repeater Reports – discussion lead by Filip AB3HK.

146.640-(PL173.8Hz) repeater – A new Diamond 6 db gain antenna was installed. Reports are that coverage was significantly improved with the added gain.

144.390 PARS Digi-Peater – operating normally with no reported issues.

146.430 (+1 MHz, PL 173.8 Hz) repeater – The new repeater is not yet on-line. The manufacturer says that double shielded cables are a must for interconnection between the duplexer and repeater unit. Ted offered to donate some double shielded cable for this purpose. Filip will coordinate with Ted and Lou to get the proper connectors installed on the cable. Filip received an offer from Ephrata Area Repeater Society to purchase a used Telewave ANT150F6-2 antenna. After discussion it was decided to pass on this offer. Further discussion on antennas continued. Ted mentioned that he has in his garage a Cushcraft 4-bay dipole

antenna that might be suitable for repeater use. Ted is going to look at the antenna and find the model number so we can determine its specifications. It was decided that the style of antenna we should use is a 4-bay folded dipole style antenna that will allow us to customize the directional pattern as necessary.

444.750+(PL 173.8Hz) repeater – operating normally with no reported issues. There was a discussion about the possibility of selling the .75 repeater in an effort to raise funds for the .43 antenna project. It was decided to place the .75 repeater up for sale.

Philipsburg Heritage Days – Report given by Dave AA3EJ. Dave does not wish to coordinate this event next year. A volunteer will be necessary. Dave mentioned that the W3P call sign should be reserved for next year. John N3SPW will take care of reserving the call sign.

PARA Christmas Banquet – Report given by John N3SPW. The Christmas Banquet will be on Saturday December 10 at the Philips Hotel in Philipsburg. Reservations are appreciated so we can give the restaurant an estimate of

PARA Information																	
President	Dave Runk, AA3EJ aa3ej@yahoo.com																
Vice President	Filip Cerny AB3HK																
Secretary	John Szwarc, N3SPW jsszwarc@yahoo.com																
Treasurer	Jim Warg, N3ONE																
Liaison	Dick Thompson, K3BIE Interclub Liaison																
Repeaters	<table border="0"> <tr> <td>W3PHB</td> <td>146.430+1M</td> <td>[173.8]</td> <td>Rt1snk Mt</td> </tr> <tr> <td>W3PHB</td> <td>146.640-</td> <td>[173.8]</td> <td>Philipsbg</td> </tr> <tr> <td>W3PHB-1</td> <td>144.390</td> <td>[APRS]</td> <td>Philipsbg</td> </tr> <tr> <td>W3PHB</td> <td>444.750+</td> <td>[173.8]</td> <td>Philipsbg</td> </tr> </table>	W3PHB	146.430+1M	[173.8]	Rt1snk Mt	W3PHB	146.640-	[173.8]	Philipsbg	W3PHB-1	144.390	[APRS]	Philipsbg	W3PHB	444.750+	[173.8]	Philipsbg
W3PHB	146.430+1M	[173.8]	Rt1snk Mt														
W3PHB	146.640-	[173.8]	Philipsbg														
W3PHB-1	144.390	[APRS]	Philipsbg														
W3PHB	444.750+	[173.8]	Philipsbg														
Nets	Saturday @ 2100 147.430+ [173.8]																
Web	www.philipsburg-ara.org																

"The Big .43" Repeater Updates

by John Szwarc N3SPW

September 24—Filip AB3HK, Dave AA3EJ and Lou WB3AAI made a visit to "The Big .43 Repeater" tower site. They switched out the old GE Master II repeater with the new HiPro R1 repeater. And this time we had double shielded interconnect cables courtesy of a donation by Ted WB2LOU and some preparation work by Filip AB3HK and Lou WB3AAI.

The first big test of the new equipment was the Saturday 9 PM net. Everything seemed to work flawlessly. The receive sensitivity seems to be much improved and many stations commented about the improvements. There is still some technical tweaking that needs done, but at this point it appears the project was a huge success.

The next step is to bring EchoLink back on line. Hopefully that will happen in the next week or so. The final step will be to replace the antenna with a higher gain model. I'd expect the antenna project to be a topic of discussion at the October PARA meeting on October 8th.

If you weren't on the net, please give the new repeater equipment a try. We're very interested in hearing signal reports from everyone.

October 1—Filip AB3HK reports, "After extensive testing with a dummy load and various components of the system, the following was determined:

1. The repeater, amplifier, and duplexers are working well into a dummy load. 60+ watts OUT, at 1.5:1 VSWR
2. The antenna system is operating with a high VSWR value >5:1.

picnic had just finished lending a helping hand at the race. The amateur radio communications effort was an invaluable resource to the race organizers and they were grateful for the assistance provided.

Lou Trubiani WB3AAI once again served as Master Chef for the picnic. Lou served up some really good burgers, hot dogs and kielbasa for the picnic. Nobody went away hungry and everyone enjoyed themselves.



PARA mebers are briefed before the race



Pictured left to right are Jim, KB3TBX; Bernie, W3BAR; John, N3SPW; Caitlin; Greg, K3GEM; Chip, N3IW; John, W3JXP; Elaine, K3ERP; Carmine, K3CWP; and Lou, WB3AAI

the number expected.

Black Moshannon Park Bike Race – Report given by Dick K3BIE. It was a very successful event. The communications activities were coordinated by Carmine K3CWP and involved PARA members as well as Nittany Amateur Radio Club members.

Next PARA meeting on Saturday October 8th at 3 PM.

Meeting adjourned by President Dave AA3RJ at 16:48 UTC.

Recent Activities

by John Szwarc N3SPW

2011 Philipsburg Area Amateur Radio Picnic

On Saturday, August 13th, PARA hosted a picnic for Philipsburg area Amateur Radio operators and their families. The location was once again Pavilion #7 at Black Moshannon State Park.

This year the picnic happened to be scheduled on the same day as the Moshannon Valley YMCA's Black Moshannon Mountain Bike Race for which race organizers had requested communications assistance from the amateur radio community. Many attending the



Lou Trubiani WB3AAI once again served as Master Chef for the picnic.

“Problem: The coax line between the duplexer and antenna may be bad. We need another coax with N on both ends, app. 10 -12 feet in length, AND/OR there is a problem with the hardline AND/OR the antenna.

“Recommendation: A new section of coax between the duplexers and hardline should be installed. The antenna system should be analyzed PRIOR to placing the repeater and amplifier back into service.”

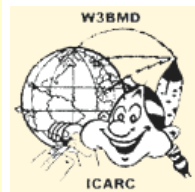
The 146.430 has been shut down due to a high VSWR condition in the antenna system. All 146.430 activities should be moved to 146.760 until further notice.

October 2—The Big .43 Repeater is back on the air, although issues persist with the antenna. Dave AA3EJ was at the site earlier today and installed a new cable between the hardline feed point and the duplexers. Thanks Lou WB3AAI for you quick handiwork on preparing the needed cable.

Dave AA3EJ reports, “Installed WB3AAI cable from duplexer to overhead input RF antenna connection. Turned on system, PS current draw almost 20a. Suspect medium SWR keeping pwr down.

“Recommend swapping out old low gain (faulty ??) antenna with higher antenna and analyzing the antenna system down to the building with an RF analyzer/reflectorimeter by the RF tech who is going to install the new antenna..REMEMBER..The repeater system is about 1.3 to one into a dummy load placed into the "tee" at the duplexer (antenna feed!)..the SYSTEM works into a proper match..the "Henry" doesn't like high swr and will blow the fuse if hi swr exists to protect itself...

“I left with the system operating and almost drawing 18a or so...”



Indiana County Amateur Radio Club

Serving Indiana County

Meeting Notice

Regular Meeting: First Tuesday every month at 7:00 pm at the Eat 'n' Park restaurant.

Hot Dog Night: at the W3BMD repeater site. Wednesday nights weekly, weather permitting. From 6:30 P.M. To ????. Listen on 146.910 !

Saturday Breakfast: at Indiana Eat 'n' Park Restaurant, Oakland Avenue at Indian Springs Road, Indiana. 8:30 AM to ???

More information about plans and programs is available on the Club Website:

<http://www.qsl.net/w3bmd/>

Indiana County ARC Information	
President	Robert Zugates KB3JOF KB3JOF@arrl.net
Vice President	Jerry Kiehl WB3DUD
Secretary Treasurer	Terry Carnahan KB3JOD
Repeaters	W3BMD 146.910- No tone W3BMD 444.975+ 110.9 Simplex 147.570 Countywide Emerg Echolink Node No: 113249
Nets	Monday @ 2000 146.910-
Web	http://www.qsl.net/w3bmd/



Headwaters Amateur Radio Club
N3PC
Coudersport, PA 16915

Headwaters Amateur Radio Club

Serving Coudersport and Potter County

Meeting Notice

November Meeting: 7:00 pm, Thursday, November 8 at 7:00 pm at the Charles Cole Hospital.

Minutes: August 4, 2011

Jason called the meeting to order at 7:03 PM

Minutes for July were read. Jim C motioned to accept Glen seconded.

Treasure report by Wayne WS3PC

Balance \$933.35

Income \$20.00

Balance \$953.35

Tom motioned to accept Jim seconded.

Old Business

Jim Lucy has the 5BTV vertical antenna

Headwaters ARC Information	
President	Jason Layton, K2BYL
Vice President	James Centanni, W2IMK
Secretary	Charles Scott Sharpe, KB3JVD
Treasurer	Wayne Stahler, II, WS3PC
Repeaters	N3PC 146.685- [173.8] Coudersport K3CC 146.880- [173.8] Coudersport KB3EAR 444.300+ Coudersport
Nets	Monday @ 1900 146.685- [173.8] Monday @ 1930 28.360 [USB] Monday @ 1945 1.980 [USB]
Web	www.n3pc.com

Minutes: September 1, 2011

Jason called the meeting to order at 7:02 PM

Minutes from August were read Jason motioned to accept Wayne seconded

Treasure Report by Wayne WS3PC
Balance brought forward \$953.35
Out going \$494.00
Balance Carried forward \$459.35

Tom motioned to accept, Glenn seconded.

Old Business

Wayne and Tom stated the repeater project is moving along well.

Tom mentioned the remote receiver has not arrived yet and he has everything else ready for the remote. Tom brought in some of the remote equipment for everyone to see.

Glenn Passed out National Interoperability Field Operations Guide Ver. 1.4 to those present.

Glenn stated he sent in the information the club talked about regarding equipment to the EOC. Due to Vacations and meetings no further information was available at this time.

New Business

Glenn talked about preparing information regarding everyone's equipment and capabilities for the ACS.

Jason set Sept 10th @10am as a work party to install a low band antenna and clean up the EOC. Jason has a piece of 2" pipe if anyone has some coax.

Jason stated that The Bradford County EOC will hold a drill on Sept 24 2011 @ 9am on 147.240 Ham's will be at the three shelters and the EOC. Anyone interested in helping are welcome.

b. Controller needs to be replaced.

Mobile Trailer

- a. Type/Brand what is needed?
- b. Antenna type and mount for trailer?

EMA Radios

- a. Existing HF radio
 - i. Knob repair
 - ii. Data cable repair
 - iii. If we were able to obtain new radios Type and Brand?

Portable Radios for Deployment Teams

- a. Portables
 - i. Simple to operate was suggested. Type and brand recommendation.

Priority List from Club

- a. What equipment is needed, Type and model recommendations.
- b. Idea's Packet/pactor, Dedicated Laptop, Headphones, Desk Microphones, APRS, etc.

Jason suggested Jim C, Greg N3FYD, Jason, Wayne, Tom get together and further discuss matter. Stay tuned.

Greg KB3WAT Gave a nice demo on the web page and changes he suggested to make it easier to add and enter information on the web page.

Glenn provided a demonstration of the portable Chameleon Dipole antenna system for the club.

Glenn motioned to adjourn at 8:45 Milton seconded.

Attending were. Jason, Jim C, Greg N3FYD, Adriaan, Jim Lucy, Milton, Greg, Tonia, Diana, Linda, Glenn. Tom, Glenn, Linda, Wayne.

ready to install. Suggestions were made to install on wood telephone pole not on the tower.

The EMA Commissioners requested the club work with the ACS officer to come up with equipment list for the EOC.

Glenn KB3KVT had a list of questions and a lengthy discussion followed.

EMA Site (PSAT)

2-Meter antenna located in back shed. Missing a ground plane, (2) 2" clamps in place.

Questions does it need anything for mounting, Connection, Support, will it weather another 5 years or does it need replaced?

Members talked about what was needed on that tower.

A Dual Band antenna for VHF/UHF. A quality antenna like a Diamond or something with a high dB gain was recommended. Two VHF antennas were recommended by the club - one for voice, the other for digital. Also needed was a Brass pulley 5/16" or 3/8" 6" dia. To raise low band antenna's.

HF antenna G5RV which side to mount pulley on? must miss microwave dish. Antenna should be mounted 2ft out and at least 55 ft. high.

Crandall Hill Repeater site.

a. Repeater antenna move from old tower to new tower and as high as possible. Also relocate Yagi antenna. Line of sight above trees toward Dutch Hill for remote receiver.

- i. Type and kind of existing antenna?
- ii. Longevity vs weather damage to antenna and cable.
- iii. Do we need a new antenna, mount, connections, support, feedline?

Jason went to an ARES meeting the Director of the Eastern area was there.

Jason stated on Sept 25th in Rochester NY EMCOM classes "FEMA"

Jason is going to run an ARES net on 147.24 PL 173.8 on Sept 4 @8:30pm.

November 12th there's a Red Cross exercise 10am-2pm @ our EOC. The disaster drill will be a gas leak.

Jim Douglas suggested we use a simplex frequency or use the repeater for call up. In case phones are down.

Jim Douglas mentioned possible doing something On 6 meters a repeater or simplex linked into our repeater. Tom agreed.

Jim Lucy mentioned the 147.345 repeater antenna has been moved higher on the tower and is playing very well.

Greg KB3WAT Talked about the web site update it now has a classified Swap & Shop section. And events can now also be posted.

Greg also talked about having club business cards made up he will draw some samples up.

There was mention that the club by-laws are not on the web page Greg will see about posting them.

Glenn motioned to adjourn, Don Seconded

Attending were Milton, Jim L, Jim Douglas, Don, Jim Hayes, Gail, Jason, Wayne, Linda, Glenn, Tom, Diana, Greg



Elk County Amateur Radio Association

Serving Elk and Cameron Counties

Meeting Notice

October Meeting: Sunday, October 16 at 1:30 pm at the Elk County EMA Meeting Room, US 219 atop Bootjack Mountain.

Elk County ARA Information

President	Scott Logue, N3LVG																												
Vice President	Tommy Hammerbeck, N3FXD																												
Secretary	Mary Kowaluk, KB3MLB																												
Treasurer	Mary Lewis, N3UDN																												
Officers	Public info: Shari Lewis KB3EWT Newsletter: Jerry Robinson N3RYG Public Service: John Frantz K3TMD																												
Repeaters	<table border="0"> <tr> <td>N3NIA</td> <td>147.000+</td> <td>[173.8]</td> <td>Bootjack</td> </tr> <tr> <td>N3NWL</td> <td>147.285+</td> <td></td> <td>Ridgway</td> </tr> <tr> <td>N3RZL</td> <td>442.200+</td> <td></td> <td>Ridgway</td> </tr> <tr> <td>N3RZL</td> <td>442.350+</td> <td></td> <td>Boone Mtn</td> </tr> <tr> <td>WA8RZR</td> <td>443.675+</td> <td></td> <td>St Marys</td> </tr> <tr> <td>N3FYD</td> <td>146.805-</td> <td></td> <td>Emporium</td> </tr> <tr> <td>WA3WPS</td> <td>147.180+</td> <td></td> <td>Emporium</td> </tr> </table>	N3NIA	147.000+	[173.8]	Bootjack	N3NWL	147.285+		Ridgway	N3RZL	442.200+		Ridgway	N3RZL	442.350+		Boone Mtn	WA8RZR	443.675+		St Marys	N3FYD	146.805-		Emporium	WA3WPS	147.180+		Emporium
N3NIA	147.000+	[173.8]	Bootjack																										
N3NWL	147.285+		Ridgway																										
N3RZL	442.200+		Ridgway																										
N3RZL	442.350+		Boone Mtn																										
WA8RZR	443.675+		St Marys																										
N3FYD	146.805-		Emporium																										
WA3WPS	147.180+		Emporium																										
Nets	Sunday @ 2000 147.000+ [173.8]																												
Web	www.n3nia.com																												

Local Net Schedules

Quad-County FM	1900	Sunday	147.315 + 173.8
Clfd Co ARES	1930	Sunday	147.315 + 173.8
ECARA	2000	Sunday	147.000 + 173.8
Cambria County	2100	Sunday	145.210 - 123.0
Headwaters ARC	1900	Monday	146.685 - 173.8
PAARC	1930	Monday	147.315 + 173.8
Jeff Co ARES	2000	Monday	147.105 + 173.8
Indiana Co ARES	2000	Monday	146.910 - OPEN
PARA	2100	Saturday	146.430+1M173.8



Club Update

by Tom Brew K3WS

HELLO EVERYONE,
Here is a quick update from the August 12, 2011 Cambria Radio Club meeting held at the Johnstown EOC from about 5:30pm - 7:30pm. +/-

Please take a look at the updated members and pictures posted at <http://www.cambriaradio.com> W3BC has sent us a link to some great shots.

We had 19* people in attendance at the August 12 Club Meeting. Cambria, Warren, Allegheny, and Jefferson Counties were represented at the meeting.

*N3LAD, W3SYY, KA3VXR, KA2BRH, KB3WDN, KK3U, KA3SZD, K3WS, N3YFO, JACK BREW, KB3PJG, KB3ORS, NN3F, KB3REA, LUKE ENOS, N3JVC, W3BC, W3IW, & KB3AGT.

A very special thank you to all of our guest speakers (KB3ORS, W3BC, N3YFO, W3SYY, KB3REA, and KA3VXR for their support and great presentations when put on the spot.

Keep an eye on our web site for upcoming information on a big project being sponsored by the club and BSA Troop 100. "Merit Badge In A Day & A Ham To Stay" This is the start of something big!

We had a very nice live demonstration of The Wan Repeater System Wireless Mobile Node 27660 by KB3ORS. Brian sure drew a crowd.

The technology portion of our next meeting we will operate HF Remote Station K3WS. Be ready to operate.

K3WS MENTIONED THE CURRENT OFFICERS AND ANNOUNCED CURRENT OPENINGS. WE ARE HOPING TO FILL ALL THE OPENING BY THE END OF THE YEAR. WORKING ON COMPLEETING THE CLUB BILAWS AND GUIDELINES OF OPERATION BEFORE THE END OF THE YEAR AS WELL.

SURPRISE GUEST SPEAKERS

SCOTT ZIMMERMAN N3XCC
KEVIN CUSTER W3KKC

KEVIN AND SCOTT DISCUSSED THE INVENTION OF THE WIDE AREA NETWORK REPEATER SYSTEM (WANREPEATER.COM) AND THE INTENDED USE OF WAN-RS. THEY HAD SO MUCH HISTORY TO DISCUSS IT COULD BE A MEETING OF ITS OWN. IN FACT WE WILL DEDICATE A FUTURE MEETING TECHNOLOGY TIME TO OPERATION OF WAN-RS AND HOW TO EASILY LINK, UN LINK, AND USE THE MANY NODES AND REPEATERS TO MAKE EFFECTIVE COMMUNICATIONS POSSIBLE BOTH IN NORMAL OPERATION AND EMERGENCY SERVICE MODE.

THANK YOU SCOTT AND KEVIN FOR THE TIME AND VISIT. YOU ARE WELCOME ANYTIME. IN FACT HOW ABOUT CONSIDERING MEMBERSHIP?

Sign in Sheet, important to complete fore-mail updates, drop box files, and face book page updates

Videos, Pictures as well as meeting notes being published there on drop box.

AS WITH THE FIRST MEETING RAY KB3WDN HAS POSTED MEETING PICTURES AND VIDEO IN THE MEMBERS FOLDER OF CAMBRIA RADIO CLUB ON DROP BOX.

We have signed up 8 new members since the last meeting.

No paid expenses since last club meeting.

Merit Badge In A Day Herb Enos KB3REA

GOOD ON YOUR SIGN IN LOG COPY.

The Winners Were: W3IW, LUKE ENOS, NN3F, N3JCV, KB3REA, KA3VXR, N3LAD, W3SYY, KA2BRH, KK3U, & KA3SZD.

We Also Signed Up 4 New Members: KA3VXR, KB3UAG, W3SYY, & KK3U. Welcome and we look forward to having even more fun.

Next Club Meeting September 16, 2011 at 6:00PM in the LOCATION MAY CHANGE Johnstown EOC, located at 110 Franklin Street (Suite 200) Johnstown, PA 15901. TECHNOLOGY DEMOSTRATION WILL INCLUDE LIVE OPERATION OF HF REMOTE STATION K3WS. BE READY TO OPERATE!!!

September 16, 2011

Meeting Agenda (ALL CAPS TEXT ARE NOTES FROM THE MEETING)

MEETING STARTED ABOUT 6PM AND ENDED ABOUT 8PM.

Welcome to the Cambria Radio Club meeting and thank you to Herb KB3REA for the use of the church hall. A SMALL DONATION WAS MADE BY CRC FOR THE USE OF THE HALL. SNACKS PROVIDED BY KB3PJG. WOULD BE NICE FOR OTHERS TO BRING SNACK OR DRINKS AND INDICATE AHEAD OF TIME THEY ARE DOING SO.

Introductions of:

- Officers and guest speakers.
- Tom Brew K3WS President / Trustee
- Holli Serenko KB3PJG Treasurer
- Fred Roco Jr. N3JCV VP Legal
- Ray Hazlett KB3WDN VP Emergency Communications
- Vacant EXEC. Secretary apply at wa3wgn@gmail.com
- Vacant Public Relations apply at wa3wgn@gmail.com
- Vacant Training Officer apply at wa3wgn@gmail.com

Please welcome our newest members KK3U, KB3UAG, W3SYY, & KA3VXR.

REMEMBER.... BRING A FRIEND TO THE NEXT MEETING. THE NEXT MEETING IS SET FOR SEPTEMBER 16, AND MAY BE AT A DIFFERENT PLACE. KEEP AN EYE ON OUR WEB SITE.

You will be receiving an email soon showing a link to a file storage area where we will post club related reports for member only access. Please log in in and set up to connect to the file storage area. We will not be sending large file attachments. We may also make meeting videos available. Who knows where the fun may lead.

73 for now and we hope to see you and a friend at the next meeting. More cookies, giveaways, and snacks are possible. Feel to bring something to share.

The first meeting (Aug. 12) of Cambria Radio Club was a success. Stay tuned for meeting details and photographs. Thank you Jack Brew for picking the winners of the giveaway items.

19 PEOPLE ATTENDED. CALL SIGNS ALL

Cambria Radio Club Information			
President	Tom Brew K3WS		
Vice President	Fred Raco, Jr. N3CJV		
Secretary			
Treasurer	Holli Serenko KB3PJG		
Repeaters	WA3WGN	146.940-	[123.0] Johnstown
	KC3DES	145.210-	[123.0] N.Germany
	KC3DES	443.525+	[123.0] Carol1twn
	KE3DR	146.655-	[123.0] N.Cambria
	K3WS	147.060+	[167.9] Carol1twn
	N3YFO	145.390-	[123.0] Johnstown
	KA3ZYC	146.775-	[123.0] Carol1twn
Nets	Sunday @ 2100 145.210- [123.0]		
Web	cambriaradio.com		

With VE Test Session

We are also looking at forming a VE team and holding at least 3 sessions a year.

Herb Enos KB3REA Boy Scouts of America Merit Badge Consoler

HERB WENT OVER THE DETAIL OF MERIT BADGE IN A DAY AND GAVE K3WS THE DETAIL TO POST ON THE CAMBRIARADIO.COM WEB SITE LATER THIS WEEK. WE NEED TO GET FOLKS INVOLVED AND GET MOVING ON THIS GREAT PROJECT. PLEASE VIEW THE CAMBRIARADIO.COM LATER THIS WEEK FOR DETAIL.

Congratulations to Chuck N3LAD for becoming a VE. WAY TO GO CHUCK!!

ARES Membership go to <http://www.wpaares.org> KB3WDN

REMINDER THE ARRL SET IS COMING UP FAST MORE DETAIL FROM RAY AS HE PLANS WHAT WE WILL BE DOING WITH THE VARIOUS COUNTIES THIS YEAR.

HT Raffle and Fund Raiser A TYT Electronics TH-UVF1 dual band HT

\$2 a ticket and drawing will be held at the end of the November CRC Meeting.

WE SOLD 22 RAFLE TICKETS THE NIGHT OF THE MEETING AT \$2 EACH AND AN ACCOUNTING OF TICKETS SOLD WILL BE POSTED ON OUR DROP BOX FOLDER. TICKETS ARE ON SALE FROM NOW THROUGH THE NOVEMBER MEETING AT WHICH TIME THE WINNER WILL BE PULLED. YOU CAN ARRANGE TO BUY TICKETS ANYTIME. WA3WGN@GMAIL.COM

HF Remote Base Operational Demo. Tom K3WS

K3WS GAVE AN OPERATIONL DEMONSTRATION OF WIRELESS REMOTE HF OPERATIONS. WE WORKED N3JCV WHILE HE

WAS CAMPING. BAND CONDITIONS WERE BAD BUT THE SYSTEM STAYED CONNECTED FOR THE WHOLE MEETING FOR ALL TO SEE.

Open conversation / Social time.

N3XCC AND W3KKC HUNG AROUND AD WERE THE LAST TO LEAVE AND A LOT OF GREAT CONVERSATION WAS HELD. THANK YOU TO EVERYONE WHO ATTENDED.

We are planning HF mobile install and operational demo by N3JCV for the October meeting and a Digital Mode demo by KK3U and WB3JSW for the November meeting. Full details will be posted on cambriaradio.com

Net check in results for the Sunday Night Emergency Services net are being posted on the the Emergency Services Page at cambriaradio.com

Chuck N3LAD has recently become a VE, the temporary QTH for the 147.060 machine while site work is being done, and has accepted the position of Executive Secretary for Cambria Radio Club.

In repeater news: we may soon be expanding our Cambria Radio Club repeater coverage to include the KA3ZYC 146.775- pl 123. N3LAD and K3WS are working on building the NODE / Controller box that will make the .775 stand alone and linkable just like our current WA3WGN. Much more detail and operational training to come in the next few months.

Shorts

by Joe Shupienis W3BC

Please accept my apologies for the lateness of this issue and the complete absence of last month's edition of *The Parasitic Emission*. I am the primary caregiver for an elderly family member who suffered a bad fall in August. My family duties have been occupying almost all of my time for the past several weeks, and I

have not been able to find the time necessary to put the PE together.

Many thanks to everyone who has contributed, and it appears at this time things are slowly getting back to normal. I anticipate resuming publication on schedule beginning with the November issue.

The deadline is the 4th Monday of the month, which is October 24th for the November issue. Submissions of material before that date are both welcome and encouraged!

Please email all submissions to: submit@parasiticemission.com

10 VHF+ Commandments

by Mike Sapp WA3TTS

Remain well grounded at all times.

Remember the contest day (or weekend) and strive to make at least a few contacts with your fellow amateur.

Honor thy propagation gods with an occasional MMIC, GasFET, pHEMT or LDMOSFET sacrifice.

Thou shall not transmit in the DX window and thou shall honor the band plan.

Know thy A and K indices.

Thou shall not drive the HPA into compression without good reason.

Thou shall not power the FET without proper BIAS.

Thou shall not covet the calling frequency. (Except in WO, W5 land, where all activity is always on the calling frequency)

Thou shall not covet thy acquaintance's Bird meter, microwave power meter, frequency counter, antenna analyzer, connector crimp tool, or temperature controlled soldering station.

Honor thy EME array, for it is good and deserves proper phasing lines.

Strive to make at least a few contacts with your fellow amateurs...

Out of the Box

by Bev Hudsick

... but having fun

I AM SORRY to say that I am still out of the box. That's right, I did not pass my Amateur Radio license test! Even though I attended the Clearfield licensing classes in July this old mind of mine just is not in top form.



I wish I would have been introduced to Amateur Radio in my younger days. And, yes, I am going to press on and try for that license again. I congratulate my other fellow classmates that passed the exam.

Although I am not licensed, I am having fun with Amateur Radio. On August 13th my daughter and I were on our way to State College for a shopping trip, and decided to stop on the other side of Clearfield at the Super 322 Drive-In theater to see how the special event station was doing. While we were there some of the participants from the car show came over to the ham station and tried their hand at talking to others from a distant place. Even my daughter, Amy, was very impressed to hear a ham speaking all the way from the Virgin Islands.

Another event I enjoyed was meeting the president of the Young Ladies Radio League (YLRL) at the Quad-County Club's August meeting in Clearfield. I found Lois Gutshall's presentation extremely informative and interesting. This women's international organization is not just a bunch of gals yakking on the radio. Upon reading one of the League's newsletters that Lois gave me, I realized these wonderful ladies are movers and shakers. A real inspiration for any young female, whether they be a ham radio operator or not.

If you ever get a chance to hear Lois speak, you're sure to enjoy it. I want to thank the Quad-County Amateur Radio Club for giving the public a chance to meet with Mrs. Gutshall. I had a great time.



Along with daughter Amy, Bev visits the N3QC station setup at the Drive-In car show special event station.

Legal Notices

The Parasitic Emission (ISSN: 2156-0080) is published monthly by Joe Shupienis, 96 Third Street, Falls Creek, PA 15840

All original content is the property of its authors. Their contributions are gratefully acknowledged.

The design, format, and presentation of this publication, and all material not attributed to other authors is

Copyright © 2009-2011
Joe Shupienis, W3BC
All Rights Reserved

Quedan reservados todos los derechos

Reproduction or republication by any means, in whole or in part, is prohibited by law without prior written permission and attribution of the Author(s).

The Parasitic Emission is published monthly for all Radio Amateurs residing in central Pennsylvania. This electronic edition is provided free of charge by email, and may also be downloaded from:
www.parasiticemission.com
which also makes available selected back issues, current issues and more.

— . . . —

The current, online, interactive version of the calendar, which contains regional club activities and events in upcoming months may be accessed at
calendar.parasiticemission.com.

You may use that calendar to enter amateur radio events of interest to local amateurs which are intended for publication, subject to review and approval.

Although I am not licensed, I am having fun with Amateur Radio

October 2011 Amateur Radio Club Activities

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25 7:00pm» QCARC 2-meter FM Net 8:00pm» Elk Co ARA Net 9:00pm» Cambria County ARES Net	26 Parasitic Emission Submission Deadline 7:00pm» HARC Nets 7:30pm» Punxsutawney ARC 2 Meter Net 8:00pm» Jefferson County EMA Radio Service Net	27	28 9:00pm» Clearfield County A.R.E.S. Net	29	30	01 Parasitic Emission Publication 9:00pm» Philipsburg ARA Net
02 7:00pm» QCARC 2-meter FM Net 7:30pm» Clearfield County A.R.E.S. Net 8:00pm» Elk Co ARA Net 9:00pm» Cambria County ARES Net	03 7:00pm» HARC Nets 7:30pm» Punxsutawney ARC 2 Meter Net 8:00pm» Jefferson County EMA Radio Service Net	04 7:00pm» Punxsutawney ARC "Radio Night" 7:30pm» Indiana Co ARC Meeting	05	06 7:00pm» Headwaters ARC Meeting	07	08 9:30am» Quad-County ARC Breakfast 3:00pm» PARA Meeting 9:00pm» Philipsburg ARA Net
09 7:00pm» QCARC 2-meter FM Net 7:30pm» Clearfield County A.R.E.S. Net 8:00pm» Elk Co ARA Net 9:00pm» Cambria County ARES Net	10 7:00pm» HARC Nets 7:30pm» Punxsutawney ARC 2 Meter Net 8:00pm» Jefferson County EMA Radio Service Net	11 7:00pm» Punxsutawney Area ARC Meeting	12	13	14 6:00pm» Cambria Radio Club Meeting	15 12:00pm» Quad-County Fall Reunion Picnic 9:00pm» Philipsburg ARA Net
16 1:30pm» Elk County ARA Meeting 7:00pm» QCARC 2-meter FM Net 7:30pm» Clearfield County A.R.E.S. Net 8:00pm» Elk Co ARA Net 9:00pm» Cambria County ARES Net	17 Columbus Day 7:00pm» HARC Nets 7:30pm» Punxsutawney ARC 2 Meter Net 8:00pm» Jefferson County EMA Radio Service Net	18	19	20	21 7:30pm» Quad-County ARC Meeting	22 9:00pm» Philipsburg ARA Net
23 7:00pm» QCARC 2-meter FM Net 7:30pm» Clearfield County A.R.E.S. Net 8:00pm» Elk Co ARA Net 9:00pm» Cambria County ARES Net	24 Parasitic Emission Submission Deadline 7:00pm» HARC Nets 7:30pm» Punxsutawney ARC 2 Meter Net 8:00pm» Jefferson County EMA Radio Service Net	25	26	27	28	29 Parasitic Emission Publication 9:00pm» Philipsburg ARA Net
30 7:00pm» QCARC 2-meter FM Net 7:30pm» Clearfield County A.R.E.S. Net 8:00pm» Elk Co ARA Net 9:00pm» Cambria County ARES Net	31 7:00pm» HARC Nets 7:30pm» Punxsutawney ARC 2 Meter Net 8:00pm» Jefferson County EMA Radio Service Net	01 7:30pm» Indiana Co ARC Meeting	02	03 7:00pm» Headwaters ARC Meeting	04	05 9:00pm» Philipsburg ARA Net