

The Parasitic Emission

Volume 37—Number 5
May 2011

**Supporting Amateur Radio
Club Activities**

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2011: The Year of the Club

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**Your ARRL – Helping you,
helping your club**

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ALMOST A CENTURY ago, in 1912, the US Government began to issue licenses to radio stations. "Continuous wave" transmission using DeForest's brand-new vacuum tube technology was still years in the future. Morse Code transmission by Spark was still king, and it was not a narrow-band system. With today's high-tech filters, it's hard for us to imagine a signal several hundred kilohertz away causing severe interference, but that was the state of the art in the early 1900s.

In those rough and tumble times, Amateurs would send messages from point-to-point for their friends and neighbors, and often financed their radio hobby from the fees they charged to do so. It sounds odd today, but remember—the telephone was only invented 35 years earlier and few households had them yet. Long distance service was unheard of, and telegraph companies such as Western Union charged an arm and a leg to deliver "instant" messages to distant cities.

In 1912, the Government began issuing radio licenses to Navy and Commercial stations in an effort to provide protection from interference and safeguard the enormous capital investments required by the commercial infrastructure. Private citizens and radio experimenters received the first *Amateur* licenses, with new limits on power and wavelengths.

There was increasing pressure for more bandwidth from commercial interests whose bread and butter was charging their customers by the word for *radio-telegrams*. You can guess who was the target of this pressure—Amateur Radio!

For these reasons, Connecticut engineer/inventor Hiram Percy Maxim created the American Radio Relay League in May 1914, to or-

ganize the relaying of radiograms by amateurs, and to promote and encourage the lawful operation of amateur radio stations.

In the 97 years since then, the League has become the national organization for amateur radio, and has advocated for amateur radio before the Federal Communications Commission, the telecommunications industry, and international regulatory bodies.

As a point of fact, it is only through the efforts of the ARRL on our behalf that Amateur Radio exists at all!

I am always amazed when I hear someone loudly proclaim their contempt for the League. While they may believe their reasons are valid, they are missing the bigger picture: The ARRL is the **only** game in town. The League is our only representative—our last and only line of defense against well-organized, wealthy and powerful interests that lust for our precious frequency allocations.

If you don't believe that there are enormous pressures today to take away your favorite bands, then you are woefully uninformed! Right this very moment, commercial manufacturers are making millions of radio devices that use frequencies allocated to the Amateur Radio Service and are selling them worldwide. Take Wi-Fi for instance. It's parked smack in the middle of our 2.4 GHz band. Since 2007, automatic tire pressure transponders are operating in the 432 MHz band on hundreds of thousands of vehicles! Broadband Internet's insatiable appetite for bandwidth is arguably our biggest threat.

The **only** Amateur Radio organization having a voice in these matters is the ARRL. For this reason alone, the League is worthy of the support of **every** licensed amateur and club.

The ARRL offers many services directly to your local Amateur Radio Club. ARRL Affiliated

Clubs receive a percentage of members' ARRL dues. ARRL is a representative organization, and your local representative is the Section Manager. The SM is accountable to local Amateurs, and maintains a staff of volunteers to help local clubs and amateurs in such matters as Emergency Communications, Traffic, Technology, and Club activities.

Our Section Manager is John Rodgers N3MSE, and he very actively supports our local clubs. Just this past weekend, he visited both the Philipsburg Amateur Radio Association's meeting where he gave an update on ARRL activities, and gave members an opportunity to voice their concerns one-on-one. Following that, he journeyed to DuBois to speak at the Quad-County ARC Spring Banquet.

Atlantic Division Director Bill Edgar N3LLR was the featured speaker at that Banquet. His keynote address emphasized the importance of local Amateur Radio clubs, and the ways in which clubs and the League can work together to strengthen Amateur Radio and ensure its future.

A couple months ago, I was invited to attend the Atlantic Division Cabinet Meeting. In attendance were the Section Managers of the seven ARRL sections which comprise the Division. I was most impressed with the dedication and commitment to amateur radio the elected Section Managers displayed, their genuine concern and efforts to improve ARRL services to members and clubs.

I strongly encourage you and your clubs to be ARRL members and affiliates—for the good of Amateur Radio and Radio Amateurs!

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



...It is only through the efforts of the ARRL that Amateur Radio exists at all!



The Quad-County Amateur Radio Club

Serving Clearfield, Jefferson Elk And Cameron Counties Since 1975

Meeting Notices

May 20, 2011

May Meeting: The May Meeting will be held on Friday, May 20 at 7:30 pm in the meeting room of the Clearfield County 911 Center, Leonard Street in Clearfield.

After the meeting, **Lars Kvant SM7FYW** will discuss techniques for radio Foxhunting. **Don Jewell KB3LES** will demonstrate some of the foxhunting antennas he has been building

Also, coffee and donuts will be served.

June Breakfast: 9:30 am, Saturday, June 11, Sid's Sub Shop, Old Town Road, Clearfield.

Meeting Notes

by Joe Shupienis, W3BC

The April Quad-County ARC meeting featured a very interesting program on APRS presented by **Carmine Prestia K3CWP** and **Woody Brem K3YV**. Twenty-one amateurs were in attendance—some from as far away as Clarion and Emporium—and all four counties were represented. The meeting was called to order at 7:30 by President Doug W3DWR. During the brief business meeting the upcoming Spring Banquet plans were finalized, Field Day discussion was opened and committee reports were heard.

The business meeting was adjourned and the program was presented. Carmine K3CWP and Woody K3YV discussed their use of APRS to track Santa as he visits the neighborhoods in State College every year. They explained how parents can see when Santa's firetruck will be approaching their neighborhood and take their kids out to see him every Christmas Eve, and the

positive public response this has generated.



Carmine demonstrated how this worked by showing their path to the meeting using the online map at aprs.fi. Woody explained the construction of the "dot-box" which is the self-contained APRS rig he constructed inside a toolbox. AS Woody passed his dot-box around the room for the members to look at, Carmine discussed how the boxes were mounted on the firetrucks.



The program was very well received, as indicated by the number of questions from the hams in attendance. There was ample opportunity to discuss APRS technology with the guests and our members who have been using APRS. There were a number of APRS stations on display. Scott W3EOD brought his Kenwood TM-D7 Hand-held APRS transceiver and wrist-mounted GPS that he uses on the trail, W3BC brought his Kenwood TM-D710A

and his "Frankenstein" rig, which he constructed from old equipment in his junkbox for very little cash outlay. WA3UFN's Yaesu FTM-350R flexed its APRS muscles, and the equipment used to support the N3QC-2 APRS Fill-in digipeater at the EOC was on display as well.



According to many comments received this was the best Quad-County meeting in quite a while, and we are trying to have more meetings like this one in the future.

QCARC 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, SM7FYW Ed Morrison, K3JE Joe Shupienis, W3BC Bryan Simanic, WA3UFN
Repeaters	N3QC 147.315+ [173.8] K3EDD 444.625+ [173.8] N3IZE 444.900+ [173.8] Clfd local N3QC-1 144.390 APRS Digipeater
Nets	Sunday @ 1900 147.315 (Club)
Web	www.qcArc.org

Behind the Gavel

by Doug Rowles, W3DWR

WOW! LET ME say that again. WOW!! A Quad County Radio Club meeting with representatives of the original quad counties in attendance, and not just not one, but several. I saw many faces that I didn't recognize. As we introduced ourselves and call signs were matched to those faces, I was transported back in time to club meetings fifteen and twenty years ago when we had to open the temporary divider between two classrooms at DuBois High to have enough room to seat everybody.



I think there were three empty chairs at the April meeting. Good programs are the key to big attendance numbers, and that is what we had.

Carmine and Woody did an excellent job of tying APRS to their annual Santa parade.



2011 Quad-County Spring Banquet

On May 14th a group of area amateurs and guests met at the Fort Worth Hotel Restaurant in DuBois, PA for the QCARC Spring Banquet. This event hasn't been held for a number of years. Now that there is a resurgence of activity and membership in the Quad-County Amateur Radio Club I am sure that this is going to become a recurring event.



The driving force behind this year's event was Joe Shupienis, W3BC, QCARC Founder. He is responsible for selecting the location, planning the menu, securing the speakers and all other items that made the evening a huge success.



Opening remarks were made by John Rodgers, N3MSE, Western Pennsylvania

Section Manager ARRL. The keynote speaker was Bill Edgar, N3LLR, Atlantic Division Director of the ARRL. Bill recalled the last time he had addressed our group. Remember the tray filled with strawberry shortcake that wound up on the back wall behind the head table at the Branding Iron in Curwensville?



Awards and recognition plaques were awarded to charter members of QCARC, and contributors to The Parasitic Emission.

A number of DVDs of ARRL webinars were presented to the lucky winners as their tickets were drawn. Three cash awards were also drawn which represented monies remaining after expenses incurred for the door prize were paid.



Janet Lovesky, KA3ABK, won the door prize, a Puxing PX-2R Portable UHF Transceiver.



Punxsutawney Area Amateur Radio Club

Serving Punxsutawney and Jefferson County

Meeting Notice

Steve Waltman, KB3FPN

Shack night will be June 7th at the Airport. The date for the next meeting is June 14th. Club breakfast to be held May 28th meeting at 9 to 9:30 a.m. at the Amish Restaurant on Route 310.

Our monthly meetings are held the second Tuesday of each month, at 7:00 PM, at the Presbyterian Church in Punxsutawney, and Shack Night is held the first Tuesday of each month, 7 to 9 PM, June through October at our radio shack at the Punxsutawney Airport.

Minutes

by Steve Waltman, KB3FPN

Meeting PAARC April 12th, 2011 called to order by the President KB3OUG, John. Meeting moved to upstairs due to meeting being held downstairs. John had slide show running of different logos available for consideration and passed out voting consideration sheets to pick a new logo or reject them all.

Treasurer report: \$594.89 motion by Doug dwr and second by Don LES

Minutes from the last meeting: read and approved with motion by Jim CT and second by Tom TOY

Old Business:

Rotor part received by Parker and bill turned by Don for payment

John OUG and Doug LVU checked on the Ground Hog Week and checked with newspaper about their logo if spirit name is removed from said logo. As for the park rental is by square foot for food otherwise 10 x 10 and \$150 for the week and space needs to be manned everyday till the end. We may also need to have a sales tax number. Need reason to make money? Possibilities are a

club meeting space, radio shack, and antenna farm. Fee \$100 to have a raffle (payable to the county for permit). It is possible to raffle a shortwave or ham band receiver or scanner, as opposed to a transceiver. Motion made to table these activities indefinitely keeping in mind that this is a good community relations project – made by Steve and second by Jim CT.

We may consider having tee shirts and/or caps made for the members to purchase.

Discussion on number of hams in the 4 (Clearfield-Elk-Cameron-Jefferson) county area (about 300 or so – actual number was 414 and varies monthly).

New Business:

Web page report (Tom) 244 visits 886 page views 125 unique people 3.33 minutes average time.

Dayton May 20-21-22, Field Day June 25-26

Shack night motion made Jerry Tom second 1st Tuesday in May 3rd 7:00 pm cleanup and antenna work.

Along with tee shirts caps also plaques and certificates. - committees need established to do some of the work needing to be done.

Net on last Monday was on 39 and 39 was only somewhat noisy as compared to a lot noisy before.

Good of the order:

QC club spring banquet Saturday May 14 reservation by May 7 Fort Worth Restaurant Dubois dinner buffet with N3LLR Bill Edgar as guest speaker 13.95 plus tax and gratuity 17.30 per person reservation required. Awards ceremony to follow. Door prize drawings handbook and hand held transceiver. Tickets at door 2 a piece or 3 for 5

Motion adjourn Jim CT and second by Don LES

Respectfully submitted, Steve Waltman, Secretary

Executive Board Meeting

By Steve Waltman, KB3FPN

John, myself, Parker, and Don met Sunday

evening, May 8th for a little over an hour as board of directors and discussed mainly 3 subjects. First was to establish what and how the meeting will proceed.

1. Board of directors meetings shall be held as needed and determined by B.O.D. members, which will include at least one of the executive officers to provide the club members the decisions of the B.O.D. and then the decision of the club shall be final.

2. A quorum for B.O.D. meetings shall be at least 4 members as established above.

The purpose of this meeting was to establish the following.

As has happened in the past items have been left at the shack location in the interest of the club. Therefore is was the decision of the B.O.D. that items donated to/for PAARC use, by members or other parties; it shall be the decision of the B.O.D. to determine disposition of said items.

In the interest of amateur radio it is suggested that the annual club picnic be moved from ARRL Field Day weekend to some other time as determined by the B.O.D. or club members between June 1st and early September, to held at a location suitable for all to attend.

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	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/

Philipsburg Amateur Radio Association

Serving Philipsburg and Clearfield County

Meeting Notice June, 2011

The **June meeting** of the Philipsburg Amateur Radio Association will be held on **Saturday, June 11** at 3:00 pm at the Holt Memorial Library in Philipsburg.

Meeting Notes May 2011

Members in Attendance:

Dave AA3EJ, John N3SPW, Filip AB3HK, Mike WB3EQW, Jim N3ONE, Dick K3BIE, Rich KB3QKR, Leo K3UMT, Joe W3BC.

Guest in Attendance:

John N3MSE
 Meeting called to order by President Dave AA3Ej at 15:05 UTC.

Insurance – Philip AB3HK received a letter from the ARRL stating that they have changed the company they endorse for the ARRL equipment insurance plan. Following some discussion, it was decided to remain with the current insurance company for the time being.

VE Testing – Next PARA conducted ARRL VE Testing Session will be on June 11th at 4 PM. This will be immediately following the PARA June meeting and the location will be the Holt Memorial Library lower level meeting room.

Treasurer's Report – Given by PARA Treasurer Jim N3ONE. Current balance is \$955.52 with outstanding bills.

Membership Report – Given by PARA Secretary John N3SPW. Renewal since last meeting is

Tom W3TNE. Membership currently stands at 27 voting members with 70.3% of them being ARRL members.

Repeater Reports – discussion lead by Filip AB3HK.

146.640-(PL173.8Hz) repeater – operating normally with no reported issues.

444.750+(PL 173.8Hz) repeater – operating normally with no reported issues.

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

146.430 (+1 MHz, PL 173.8 Hz) repeater – intermittent problems continue. The issues are apparently due to “tin whiskers” forming on the receiver circuitry. We also had reported an incidence of the TX being at what appeared to be a reduced level. John N3SPW presented a report prepared based on discussion of the “greater Philipsburg Repeater Coverage Improvement Committee”. The report outlined a 4-stage plan to improve the .43 repeater. The first stage of the plan was to replace the TX/RX repeater deck with new equipment. The membership voted to proceed with stage 1 of the plan. Donation pledges from Filip AB3HK,

PARA Information	
President	Dave Runk, AA3EJ aa3ej@yahoo.com
Vice President	
Secretary	John Szwarc, N3SPW jsszwarc@yahoo.com
Treasurer	Jim Warg, N3ONE
Liaison	Filip Cerny AB3HK, ARRL Liaison Dick Thompson, K3BIE Interclub Liaison
Repeaters	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

Jim N3ONE, Leo K3UMT and John N3SPW will be put toward the project. Jim N3ONE, PARA Treasurer, was instructed to make the purchase.

Philipsburg Heritage Days – Report given by Dave AA3EJ. Plans is to have two stations in operation from the PARA Heritage Days Street Fair booth. One will be CW only and the other SSB. In addition, we will also have a 2-meter station set up. The W3P Special Event Call sign is reserved.

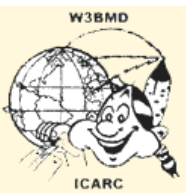
Memorial Day Black Moshannon Park 10K and 5K Race – Report given by Dick K3BIE. Date will be May 28th at 10 AM. We need to be there at 9:30 AM to set up. We need volunteers. Anyone interested in helping out is asked to contact Dick K3BIE.

Next PARA meeting on Saturday June 11th at 3 PM.



Guest Speaker – John Rodgers N3MSE, ARRL WPA Section Manager. John spoke about recent discussions and plans at the ARRL Board of Directors Meeting designed to improve benefits for clubs to become or retain their affiliation with the ARRL. He also mentioned that the ARRL Atlantic Division currently is conducting a survey of all club officers in the division asking what ARRL can do to serve local clubs better. John's talk was followed by a Q&A session.

Meeting adjourned by President Dave AA3RJ at 16:38 UTC.



Indiana County Amateur Radio Club

Serving Indiana County

Meeting Notice

March 2011

June Meeting: Tuesday, June 7th at 7:00 pm at the Eat 'n' Park restaurant. Speaker for June 7th is George Gresh of Indiana Solar Inc.

He will speak about Solar Electric Systems, Design, Installation, Maintenance, use of Solar Technology and how it might be used in Ham Radio use and/or Emergency Power use

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 ???

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

Serving Coudersport and Potter County

Meeting Notice

June 2011

June meeting: 7 pm, Thursday, June 2 at the Charles Cole Memorial Hospital, Coudersport.

HARC Meeting Minutes

Last Received: March 2011

Jason called meeting to order at 7.17PM

Minutes for February were read. Glenn motioned to accept Don Seconded.

Treasure report was read by Wayne

Balance \$922.60

Income-Dues \$45.00

Balance carried forward \$967.60

Jim Lucy motioned to accept Glenn seconded

Old Business

Jason handed out forms for member registration for club member use.

There's going to be a weather exercise at EOC in March.

Jim Lucy talked about donating a Hustler 5-BVD 80-

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

10 meter antenna to club it needs a new tip.

Jason suggested if our repeater goes down in an emergency to use Skip's repeater 146.88 MHz.

Jim Lucy mentioned the UHF 443.300 repeater on Dutch Hill was down and asked if anyone knew of someone that repairs repeaters.

Don asked if club N3PC voter on Dutch hill was working also. Jason and Tom volunteered to look at both.

Jim Lucy spoke about open skies which is what the state is using for communications; It's a priority communications system that can not be monitored.

New Business

Jim C gave Wayne \$125.00 collected from class students for manuals. Motion to give Jim C a check for \$134.76 the difference is for material he is using for classes. Jim C said classes were progressing well and moving right along.

Jason handed out HARC Emergency telephone call up sheets. Jason mentioned Skip was holding a test session March 12 and ARES meeting.

Jason said anyone that has taken a weather exercise course and hasn't had a refresher in 1-2 years should update. EOC or HARC has to contact State College weather center to schedule a class.

Jason Talked about a pager on Dutch Hill causing interference.

Jason mentioned there's going to be a meeting at EOC for new access to EOC not sure of date.

Wayne talked about possibly getting a repeater form Civil Air Patrol now setup on 148.15 as there going to a new system. The repeater maybe recalled by the government but not likely too. All talked about having it tuned and setup on club frequency. Wayne will try and get more details.

Glenn is looking into taking the ACS position.

Glen and Linda said they will talk to EOC about getting club members Email and weather info back.

Glenn and Linda talked about the weather exercise. New phones have been installed in the EOC and radio room. You can call outside and inter offices. Some of the new technology was tested during drill. They had a good time and food was good.

Tom motioned to adjourn Don seconded

Attending were Jim C, Don, Jim Lucy, Wayne, Jason, Greg Diana Tom Glenn Linda



Elk County Amateur Radio Association

Serving Elk and Cameron Counties

Meeting Notice

April 17, 2011

May meeting: 1:30 pm, Sunday, May 22 at the Elk County EMA building.

Field Days will be June 25th and 26th at the Lewis Camp. Lee reminds everyone that if there is a band they wish to operate or certain equipment they wish to use, to please let him know ahead of time, so that it can be ready. More information about field days will be in next month's newsletter.

What is Skywarn™ ?

The Skywarn™ Spotter program is a voluntary program in which the public can participate and interact with your local National Weather Service (NWS) Office. Skywarn™ spotters are encouraged to relay critical weather information to their local NWS Office, in support of the Warning and

Forecast Operations. The information they provide routinely helps the NWS Forecasters make better/more informed forecasts, and helps them to warn others of impending dangers or hazards.

Who is Eligible?

NWS encourages anyone with an interest in public service to join the Skywarn™ program. Volunteers include police and fire personnel, dispatchers, EMS workers, public utility workers and other concerned private citizens. Individuals affiliated with hospitals, schools, churches, nursing homes or those who have a responsibility for protecting others are also encouraged to become spotters.

How Can I Get Involved?

A local Skywarn™ class is coming to your area. The class will be conducted by the NWS, and will cover topics such as: Basics of thunderstorm development; Identifying severe weather features; How to report severe weather and what should be reported; and Basic severe weather safety. Classes are free of charge and generally last about 90 minutes. Current Skywarn™ spotters are encouraged to bring their Spotter ID cards or ID Numbers.

A Skywarn™ Training Class is Coming to your Area

CLASS INFORMATION

Sponsored by: Potter County Department of Emergency Services

Date: Wednesday, June 15, 2011

Time: 6:30-8:30 pm

Location: Coudersport Fire Station – Training Center

Contact Information: Please register by Friday, June 3, 2011 by contacting

Potter County EMC Glenn Dunn @ 814-274-8900

Shorts

Condolences to Jim Byrne KA3WSX, whose wife recently passed away

— . . . —

Get well wishes to Lee Lewis N3NWL who is recuperating from surgery.

VE Test Sessions

There will be an ARRL VE session on Friday, May 27th at 6:00 pm at the DuBois Diner, DuBois Street in **DuBois**. Exams for **all license classes will be given**.

Test dates for **Coudersport** will be 7/16, 9/10, and 11/12/11. The test site is the Charles Cole Memorial Hospital Conference Room at the side entrance on the helicopter landing parking level. Testing starts at 10:00AM. **All license classes are given** and there is no charge.

Test dates for **Ridgway** Area are 6/18 and 9/17/11. Until further notice, these tests will be held at the 911 Center and will begin at 9:30AM. There will be no charge and **all license classes will be given**.

VE Tests will be given in **Philipsburg** on Saturday, June 11, immediately after the PARA meeting at the Holt Memorial Library.

Local Net Schedules

by Joe Shupienis, W3BC

QCARC	1900 Sunday	147.315 + 173.8
ECARA	2000 Sunday	147.000 + 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
Clfd Co ARES	2100 Wednesday	147.315 + 173.8
PARA	2100 Saturday	146.430+1M173.8
Headwaters ARC	1900 Monday	146.685 - 173.8

Elk County ARA Information		
President	Scott Logue, N3LVG	
Vice President	Rick Wehler, N3RJH	
Secretary	Jerry Robinson, N3RYG	
Treasurer	Mary Lewis, N3UDN	
ARES EC	Bob Devilling, N3SGY	
Repeaters	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	

CHANCES ARE that you have heard about Anderson Powerpoles®. They are not a new concept but seem to be a rather slowly adopted concept for connecting DC equipment to the needed power supply. Powerpoles® are a unique connector that once properly configured, will enable you to be able to connect any 12VDC device, within the constraints of the rating of the connector,



to your 12VDC supply whether it be a bench-top power supply or your vehicle. Just think how easy it will be to move a rig from your vehicle to the bench-top for, let's say, reprogramming. Another scenario, if you want to transfer rigs among your own or a friend's vehicle. At last! No time wasted trying to connect the power supply to the rig. It's truly a plug and play connector, just match the colors and plug them in – it's just that simple!

Many ARES and other EMCOMM groups have adopted Powerpoles® as the **standard** 12-volt connector system. Assembly is a little detailed. You must follow the conventional assembly to be interoperable among the rest of the world but once you configure the connectors, you're done. If you need to use a rig, for example at the EOC for an emergency, you will not have to waste valuable time finding the right connector or improvising to connect the rig to a power supply – just plug and play. The 30 amp version seems most popular. Let's face it, 30 amps is a pretty

hefty load! The 30 amp version will accept up to 12 gauge wire, easily. I have been successful wiring in 10 gauge but it is a bit of a chore!

I mentioned the popular 30 amp rated connector but they are available from 15 – 180 amp ratings. For use in the Amateur service we typically use the 30 amp connectors but the 45 amp connector will mate too. The housings are the same it is just the internal contacts that are different in the 15 – 45 amp connectors that we would most likely use.

The Powerpoles® are available in red and black as well as other colors so that you can configure your own connector to suite other needs and for quick identification. Additionally, you will find there are quite a few accessories to enable you to make up: inline fuse holders, Powerpoles® panel mounts, etc. You really have to research the accessories available that may fit you project that will help make it a first class job.

There are a number of good websites for installation instructions and ideas for other applications, here are two for starters:
<http://home.comcast.net/~buck0/app.htm>
<http://www.wb3w.net/powerpoleinst.htm>

You can even find YouTube videos about the assembly of the Powerpoles®.

I could go on about these nifty connectors but I'll leave it up to you to decide how you want to use these them. Good luck, once you use them, I am sure you will share my enthusiasm for the Powerpole® connector.

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www.parasiticemission.com

which also makes available selected back issues, current issues and more.

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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.

...a unique connector that will enable you connect any 12VDC device

LID'S WORLD

By W3BC

STARRING W3LID



*Boatanchors
Aweigh!*

The Parasitic
Emission

May
2011

May 2011 Amateur Radio Club Activities

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