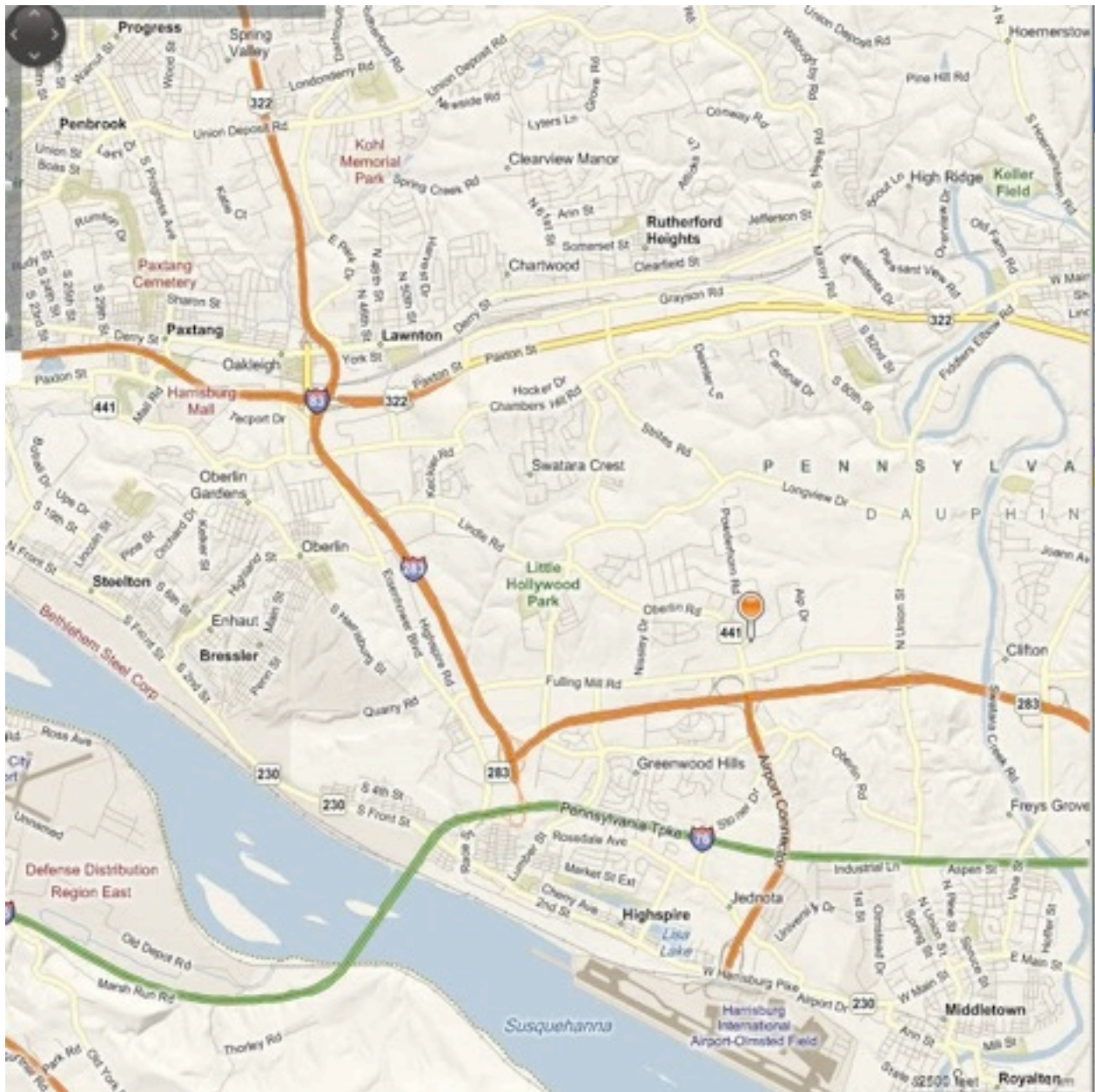


# Central Pennsylvania Repeater Association Inc.

**W3ND October 2010**

**NOTICE:** the next meeting will be on Thursday, October 21, 2010 at 7:00 PM at Harris. Harris bought M/A-Com. Harris moved the operation to Highspire near Route 283 and the Harrisburg International connector road; Ken Sutton wrote directions: "The Harris office is located at 1000 Kreider Dr. Middletown, PA. Not knowing where everyone is coming from I will leave it up to the individual to get to the junction of I-83 and I-283. Take I-283 south to the very first exit, Lindle Rd (441). At the end of the ramp turn left and go about a mile and half. Kreider Dr. is the last left turn before you get to the traffic light at Fulling Mill Rd. 1000 is the first building on your right after you turn onto Kreider Dr. Harris is located in Suite 600 which is towards the center of the building. **Look for the Harris sign on the front of the building above the Lobby entrance.** I have not tried radio coverage from here on 47 but will have my HT here for talk-in if you get lost."



## A MESSAGE FROM OUR PRESIDENT: From WA3CPO, Gary Blacksmith, MD

The Central PA IP Network has continued to grow. We now interconnect five clubs. SPARC in Lancaster County has decided to join the network.

The ATV network is being rejuvenated. The ATVERS in Maryland are anxious to connect with the North. This has been a dream for over 25 years. Bob Storm in New Freedom can see the ATV repeaters in Harrisburg and Towson. A meeting is being planned in the near future.

The weather radio has not been heard for a long time on the 145.47 repeater. The reason for its absence is the slow upgrades to the new controller. A final upgrade has been received. Remember the controller would hang up for no apparent reason. Remote receivers may be connected to this repeater. Let's hear your ideas at the meeting.

Skywarn continues on the 145.11 CPRA hosted repeater weekly on Wednesday nights.

The wide area UHF linked system is waiting for equipment from an un-named source. This will start as two repeaters linked full time and quickly expand to five repeaters.

Our spliced coax runs at Blue Mountain are being replaced on Saturday, Oct 16. The new coax going to the main 145.47 antenna has failed. Water was found in the connector near the building. That line needs to be replaced.

Two lines are satisfactory: The 1-5/8" line to the UHF antenna, lower on the West side (abandoned 900 Mhz commercial paging coax) and 7/8" coax to the 145.29 antenna, high on the East side (old coax from the tall tower).

We need four new runs of 7/8" coax. Each line is over 200 feet long. Four times 200 = 800 feet of coax. 800 ft of coax times \$3/ft = \$2,400. How are we going to fund this project? Come to the meeting to hear how we did it.

The next problem is to install the coax. Professional tower climbers must be used. They are not cheap. The estimate for their services is 10 hours including travel time at \$140/hour = \$1400. How are we going to fund this project? Come to the meeting to find out a possible solution. We may have it solved by then.

We do need to raise funds for such contingencies. Perhaps we should start a hamfest again. We did it before as a club. Let's discuss it further.

We will have a speaker at the next meeting tell us about the challenges with the IRLP and where it is headed. The discussion will be centered on how to operate the IRLP with a **live demo!** If you have been hesitant to use it **now you can learn how to use your rig on IRLP.** <http://irlp.net/>

Here is a list of IRLP nodes in Pennsylvania:

PA									
NodeID	CallSign	Node City	Province or State	Frequency	CTCSS	Local Time	Status	Length	
<a href="#">4017</a>	KB3SNM	<a href="#">Spring Grove (S. Central PA)</a>	PA	147.5400	88.5	21:38	<b>9050</b>	908 mins	
<a href="#">4038</a>	N3XXH	<a href="#">Laporte</a>	PA	145.3100	167.9	21:38	<b>IDLE</b>	262 mins	
<a href="#">4039</a>	N3WPL	<a href="#">Warren [ILS]</a>	PA	147.5700	100.0	21:38	<b>IDLE</b>	194 mins	
<a href="#">4072</a>	WB3IGM	<a href="#">Kane</a>	PA	146.7300	173.8	21:38	<b>IDLE</b>	78 mins	
<a href="#">4100</a>	N3FE	<a href="#">Portable</a>	PA	53.3100	127.3	21:38	<b>9055</b>	362 mins	
<a href="#">4147</a>	KB5ELV	<a href="#">Erie</a>	PA	442.1500	186.2	21:38	<b>IDLE</b>	27 mins	
<a href="#">4288</a>	KA0JQO	<a href="#">Mountville</a>	PA	446.5500	141.3	21:38	<b>IDLE</b>	3 days	
<a href="#">4317</a>	K3ZMC	<a href="#">Pottstown</a>	PA	443.5500	131.8	21:38	<b>IDLE</b>	3 days	
<a href="#">4354</a>	KF3EM	<a href="#">Hummelstown</a>	PA	146.9250	114.8	21:38	<b>9350</b>	3 days	
<a href="#">4448</a>	KB3HIY	<a href="#">detailed info never submitted</a>	PA	0.0000	None	21:38	<b>IDLE</b>	2 days	
<a href="#">4467</a>	N3JUO	<a href="#">New Bloomfield</a>	PA	145.7250	127.3	21:38	<b>9055</b>	1 days	
<a href="#">4507</a>	KB3PBX	<a href="#">Girard</a>	PA	146.9600	186.2	21:38	<b>ECHOIRLP</b>	7 mins	
<a href="#">4790</a>	K3TAT	<a href="#">Media</a>	PA	147.1950	None	21:38	<b>IDLE</b>	884 mins	
<a href="#">4847</a>	KB3HJC	<a href="#">Carlisle</a>	PA	145.7350	127.3	21:38	<b>IDLE</b>	822 mins	
<a href="#">4867</a>	W3SC	<a href="#">Pottsville</a>	PA	147.3450	131.8	21:38	<b>IDLE</b>	463 mins	
<a href="#">4882</a>	WB0CPR	<a href="#">Philadelphia</a>	PA	449.7750	141.3	21:38	<b>IDLE</b>	1 days	
<a href="#">4910</a>	WA3ADI	<a href="#">Havertown</a>	PA	145.5900	146.2	21:38	<b>IDLE</b>	2 days	
<a href="#">4948</a>	N3CB	<a href="#">Plymouth Meeting</a>	PA	448.6750	107.2	21:38	<b>IDLE</b>	2 days	
<a href="#">4967</a>	KB3HJC	<a href="#">Mt Holly Springs</a>	PA	449.4750	127.3	21:38	<b>IDLE</b>	1 days	
<a href="#">7060</a>	W3ND	<a href="#">Harrisburg</a>	PA	145.2900	88.5	21:38	<b>IDLE</b>	627 mins	
<a href="#">8155</a>	W3ALR	<a href="#">Abbottstown [ILS]</a>	PA	147.5100	88.5	21:38	<b>9050</b>	938 mins	
<a href="#">8484</a>	KB3SDE	<a href="#">Philadelphia</a>	PA	147.4400	100.0	21:38	<b>9019</b>	3 days	
<a href="#">9050</a>	REF9050	<a href="#">East Coast Reflector</a>	PA	<b>Accepting Calls</b>					

The 147.375 repeater will be reborn as the Echolink repeater for greater Harrisburg. Droids now have an application for Echolink. You can talk from your Droid over an Echolink system. Other devices will follow. What will they think of next? This system will also be

discussed at the **December meeting**. Again this talk will be primarily operational. Everything you need to know to operate Echolink will be discussed. Do we need to raise funds for this project? Is there another solution?

## **ARES/RACES INFO: From Your Editor, Roger, W3HUP**

### **PEMA NETS AND FREQUENCIES:**

Central Area meets on **3993.5 KHz** every Sunday at **8:30 AM** Local  
Eastern Area meets on **3987.5 KHz** every Sunday morning at **9:00 AM** Local  
Western Area meets on **3990.5 KHz** every Sunday morning at **9:00 AM** Local

Our **PA State Net** meets the **FIRST SUNDAY** of every month on **3993.5 kHz** at **8:00 AM Local**. This net is usually called by John Kruk, K3KR, Lock Haven; at which time he calls Eastern, Central and Western Area Stations in that order. The **New York State** net usually meets on **3993.5 kHz** at **9:00 AM** right after our Central Area net.

### **Central Area PEMA frequencies are:**

- 3993.5 KHz - Primary
- 3984.5 KHz - Alternate
- 3999.5 KHz - Alternate
- 7248.5 KHz - Alternate
- 7250.5 KHz - Alternate

**Also note** the weekly Harrisburg Amateur Radio Club Information Net, which is held **every Wednesday at 8:00 PM local on the 146.76 HRAC repeater**, except for the second Wednesday of the month which is club meeting night, **and the Capital Area Skywarn Net Wednesday evenings at 9:00 PM local on the 145.11 RACES repeater**. All are welcome to check in.

### **ON-LINE OPERATOR TRAINING COURSE AVAILABILITY:**

You should take the FEMA and ARRL training courses. Follow the link below to get to the FEMA training web site for all the FEMA stuff you might be interested in...PEMA also offers many of the same courses. The Emergency Management Institute (EMI) also offers a broad range of NIMS related training. Hyperlink to **FEMA** training resources:  
[www.training.fema.gov/EMIWeb/IS/crslst.asp](http://www.training.fema.gov/EMIWeb/IS/crslst.asp)

The NIMS (**National Incident Management System**) courses show how emergency management is organized and how volunteers such as us fit in to the process. Available training includes the ICS 100, 200 and 700 certification courses which can be completed in a day or less each on-line. These are recommended for both ARES and RACES operators. The Amateur Radio Emergency Communications Course Levels 1 and 2, available from the **ARRL**, cover Amateur Radio emergency operating procedures.

While you don't have to get all this stuff at once, it is a good idea to be working on it now so you will have later when you need it. And...listen to how the nets operate! Then join in... good practice.

**The main point of all this is if you don't have some combination of experience and training courses, you will be "lost" in the event of a real emergency, or a "formal" drill!**

And you might also want to register with our RACES RO per the notice below, if you have not already done so in some other manner.

**DAUPHIN COUNTY RACES**  
**PEMA CONTACT: Terry Snyder (WB3BKN), RACES RO.**

Recent events have made it clear that there needs to be a central email address and contact source for reaching personnel regarding emergency operators, when needed. To make this much easier for call outs, for drills, and emergency needs, I have created an email account that I will use to call you out.

If you are interested in working drills, parades, marathons, or any other drills, please email me at [DauEMCOM@Gmail.com](mailto:DauEMCOM@Gmail.com). Your name and address will be added to the list.

Thank you and 73

Terry Snyder (WB3BKN)  
Dauphin County Radio Officer  
President HRAC

**Terry also sent in the attached Winter Fest Flyer...e.d.**

W3UU - Harrisburg Radio Amateur Club - WinterFest  
**JANUARY 15<sup>th</sup> (Sat) 2011**  
**WINTER FEST HAMFEST**  
"A Harrisburg Pa. Hamfest"  
Paxtang Firehouse (Rear)  
3423 Derry St.  
Harrisburg, Pa.  
**8:00 am to Noon**  
**TALK-IN 146.76 (PL 100 Hz)**

 Parking in rear of building or on streets

- ◆ Admission \$3.00 per person.
- ◆ No extra charge for up to the first ½ table space!
- ◆ Food and drinks available
- ◆ DXCC/WAS/VUCC QSL Card checking on site
- ◆ Please be courteous to your fellow hams by using reasonable table space (based on demand, this generally means ½ table)

No reserved table space  
Unloading can be done through doors to alley behind building  
No AC power available!

**General Admission: 8:00 AM**  
Web Site: [www.w3uu.org](http://www.w3uu.org)

For further information or questions contact:  
Glenn Kurzenknabe, K3SWZ  
717-774-1728  
[k3swz@arrl.net](mailto:k3swz@arrl.net)

**BOILER PLATE”: From your editor, W3HUP**

**Officers, Board, and Committee Members**

President: WA3CPO Gary Blacksmith, MD  
V. President: KA3AAA Terry Phillips  
Secretary: N3PRO Dave Hoffman  
Treasurer: N3PRO Dave Hoffman  
Past President: K3SZX Alan Abt  
Trustee for W3ND: KA3AAA Terry Phillips  
Member at large: KA0JQO Kevin Magloughlin  
Member at large: N3JQM Neil Shatto  
Member at large: AA3T Nick Rylatt  
Alternates: WA3MMD Bob Kurtinecz  
KB3RRV Mike Brulo  
K3DRE Douglas Evans  
Web Master: N3PRO Dave Hoffman  
IRLP Committee: KA0JQO Kevin Magloughlin  
RACES team: WB3BKN Terry Snyder, **RACES R/O**  
K3JJK Lee Ash, and N3JQM Neil Shatto  
Public Relations: W3KB Keith Beebe  
Recruitment : KZ3J Curtis Zell  
News Letter Editor: W3HUP Roger Urban

**Facilities with the CPRA club call sign W3ND:**

144.39 APRS node from Reeser’s Summit.  
145.11- Dauphin County RACES repeater, CTCSS 123.0 Hz  
29- IRLP node 7060 Blue Mtn. IRLP CTCSS 123.0 Hz  
47- Med coverage, Blue Mtn, CTCSS 123.0 Hz (Primary HEARS Repeater)  
444.45+ Medium coverage from Blue Mountain CTCSS 123.0 Hz  
448.075- Dauphin County RACES repeater CTCSS 123.0 Hz  
53.01- RCVR at Blue Mtn (Nally’s site), being moved  
3480 ATV Repeater Output (ATV only when requested)  
5GHz Access Point at Blue Mountain with links to Reeser’s Summit, Cornwall and North. Links from Reeser’s Summit to Blue Mountain and White Rock.

**Monthly Ham Radio Lunch:** at the **Old Country Buffet** in east Harrisburg the last Thursday of each month at noon unless it is a major holiday. This restaurant is located on route 22 in Colonial Park in the vicinity of Value City Furniture, K-Mart and Home Depot. Good way to meet some new people...this is open to ALL area hams!

**Club Web Site:** [WWW.W3ND.ORG](http://WWW.W3ND.ORG)

Pay it a visit...we have links to various services, general information and the current and back issues of the Newsletter.

Dues: are \$20/yr for a single membership and \$35/yr for a family membership, which includes all licensed amateurs living in one household. **If you have not renewed please do so...we need your support! If you have, consider an additional donation!**

**USE THE REVISED MEMBERSHIP APPLICATION SHOWN BELOW!**

Thanks! Please make your check payable to:

**Central Pennsylvania Repeater Association, Inc.  
2130 Cedar Lane, Enola, PA 17025-3319**

**DO NOT SEND CASH!**

**APPLICATION FOR MEMBERSHIP IN CPRA**

- New member     Renewal     Family     Updating Information  
 Donation \_\_\_\_\_     Other \_\_\_\_\_

**Dues are \$ 20.00 Individual and \$ 35.00 Family.**

Total amount enclosed \$ \_\_\_\_\_

Name: \_\_\_\_\_ Call(s) \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip code \_\_\_\_\_ License class: \_\_\_\_\_

Email address for newsletters: \_\_\_\_\_

Phone: \_\_\_\_\_     Listed     Unlisted

Are you an ARRL member?     Yes     No

Are you a member of WITF     Yes     No

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**EMERGENCY RACES VOLUNTEER INFORMATION**

**This information will only be used in the event of an emergency. This information will only be given to the emergency RACES coordinator and will not be distributed for general information in any form!**

Work number including extension: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Email address: \_\_\_\_\_