

# **Central Pennsylvania Repeater Association Inc.**

**W3ND March 2011**

**NOTICE:** The next general meeting for CPRA, Inc is Saturday, March 26, 2011 at the Old Country Buffet, Jonestown Road, Harrisburg from 8:00 AM to 10:00 AM. If the members find that this location and time suits their needs then the change may be permanent. There is no meeting on Thursday, March 17.

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

## **Nominations**

A volunteer is needed to come forward to fill the position of treasurer and secretary. The treasurer collects all the dues and supervises the electronic disbursements for electricity, telephone and insurance. The secretary records the minutes and sends out the ballots, dues notices and other mailings, via email or snail mail, to the membership. Without a volunteer we will need to distribute the tasks among the Board members.

## **IRLP-145.29**

The background audio has been improved. The RF coverage is excellent and the control functions are solid. Internet access is via facilities donated by a club member and a Wireless Internet Service Provider (WISP). Backup internet facilities and internet has also been donated. No special codes are needed to access IRLP. RF must include a PL tone of 123. Enter the code of the the IRLP destination and you will be taken there. Please allow extra time when switching from receive to transmit and transmit to receive. Space Shuttle audio is being retransmitted while the shuttle mission is in progress. [www.IRLP.net](http://www.IRLP.net)

## **CAT-1000 and Weather Alerts via 145.47**

This is our flagship repeater. The RF output has been down to four watts and strange noises have been heard on the audio. We have an antenna issue. This became worse after a heavy rain and points to problems with weatherproofing the connectors. This antenna is a four bay folded dipole with jumpers and connectors exposed to the elements. The 145.47 repeater was moved to the four bay folded dipole on the West side of the tower. Once the weather improves the antenna will need to come down and be examined closely. Enjoy the new announcements. If you have suggestions, please pass them along at the next meeting.

## **UHF Repeater-444.45**

This repeater has full RF output and very clean audio. The audio deck is ready for a Cisco router to link the Cornwall and Reeser's Summit UHF repeaters together. Additional locations will be linked when time permits at Lam's Gap, Newport, York, and further West.

## **Dauphin County Repeater-145.11**

This high profile repeater has been working well with the SkyWarn net. State College is able to access the repeater easily. No additional features have been planned.

### **Dauphin County UHF Repeater-448.075**

This high profile repeater has been working well and has been dedicated for backup activities.

### **Echolink-147.375**

Yes it is coming we just have been busy with other issues. W3ND/R is now active on echolink. It is connected to a computer but the RF package has not been attached. Watch for it to come alive soon. [www.echolink.org](http://www.echolink.org) <http://en.wikipedia.org/wiki/echolink>

### **Blue Mountain**

Four racks have been bolted together and all the radios and duplexers will be mounted inside the racks. 5 GHz links between Reeser's Summit and Cornwall have been reliable. Cisco routers will carry the audio between repeaters. A 5 Ghz access point with a 120 degree sector antenna is ready for users. WHP at Clear Channel will be connecting soon. An additional access point is facing towards Perry County

### **Reeser's Summit**

APRS and UHF are operating with temporary antennas. A mounting frame has been made to support the multiple antennas on the self-supporting tower. Two 5 GHz dishes are mounted high on the tower pointing at Blue Mountain and West to White Rock. A 5 GHz access point with a sector antenna is planned as weather permits. A 330 watt six meter base is on-site. The receiver will be located at White Rock. A server with network email and an internal phone system is also located at Reeser's...

### **Cornwall Mountain**

A UHF repeater will be operational soon. A 5 Ghz access point with a 120 degree sector antenna is active facing Lancaster county. Connected are the Ranger Station, LVRS, LRTS, and SPARC. An access point with a 120 degree sector antenna is ready to be installed facing Lebanon county. Go to the following site and click on the "Cabin Camera."  
<http://www.lrts.org/>

### **Remote HF**

Bob Raker, W0BR has a TS2000 that can be accessed via the public and private internet. You can dial up the frequencies that you want to listen to and then with the proper credentials transmit via his radio. Bob is located between Carlisle and Newville, Pa.

**[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**, Alternates 3984.5 KHz, 3999.5 KHz, 7248.5 KHz, 7250.5 KHz

**The weekly Harrisburg Amateur Radio Club Information Net** 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. The following link will bring you [www.training.fema.gov/EMIWeb/IS/crslst.asp](http://www.training.fema.gov/EMIWeb/IS/crslst.asp) to FEMA stuff you might be interested in... PEMA also offers many of the same courses. The Emergency Management Institute (EMI) also offers NIMS related training. Hyperlink to **FEMA** training resources:

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.

## **ITEMS FOR SALE: From your editor, W3HUP**

Note: CPRA accepts no responsibility for content or availability at present date.

### **Listed by Gerry Whisler, WB3CKW**

For sale one like new Yaesu VX-5R 50/144/430 MHz Triple Band Heavy Duty Transceiver. In original box, with all accessories plus speaker mike and soft case. I bought this for my son in hopes he would get his ham license. He used it for some scanning but not much else. Battery is good, case and screen are perfect. You will not find a cleaner VX5 for sale. Asking \$235.00. Thank you. Gerry Whisler 717-574-1101, [gwhisler@msn.com](mailto:gwhisler@msn.com) .

### **Listed by Walt Nero, WA1HHN**

I am presently selling a nice IF Radio or all round good rig. Original owner Icom Pro radio in excellent condition. Original box (with all the original packing), manual, microphone and power cord. Rig has special 'Transverter' mode and the famous multi color bandscope (that has a hold function) that is very useful. All for \$1100. PayPal can be accepted or good old

cash. Feel free to ask questions. Other good stuff available as well.  
Reply to: [wa1hnn@aol.com](mailto:wa1hnn@aol.com) or [wa1hnn@yahoo.com](mailto:wa1hnn@yahoo.com) .

**“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, <b>RACES R/O</b> 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, CTCSS 123.0 Hz
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!** For most members, renewal is due by April.

**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: \_\_\_\_\_