

# **Central Pennsylvania Repeater Association Inc.**

**W3ND May 2011**

**NOTICE:** The next general meeting for CPRA, Inc is Saturday, May 28, 2011 at the Old Country Buffet, Jonestown Road, Harrisburg at 8:30 AM. Please come at 8:30 AM to eat the breakfast buffet. The business meeting will begin at about 9:00 AM and conclude at 9:30 AM. Then we will car pool to the Blue Mountain site where the transmitters for TV 21 & 33 are located. This will be a guided tour of the CPRA facilities in Building three and a description of all the antennas on the mountain. The road up the mountain has many ruts caused by the heavy spring rains.

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

We have spent nearly \$10,000 on antenna and coax improvements. Fortunately we received donations in cash and services to make this possible. The antenna system should work properly for years. This is your chance to inspect it close up.

It has been suggested that we become a 501 (c)3. That will be an item for discussion at the next meeting. We will be able to encourage more donations but we then need to file a short form with the IRS on an annual basis.

## **APRIL ELECTION RESULTS**

All the current officers and Board members have been re-elected. See the Secretary/Treasurer's report and "Boiler Plate" sections for more details. Special thanks are due to Terry Ash who came forward and accepted the secretary/treasurer position.

## **ECHOLINK-147.375**

The 147.375 repeater will be reborn as the Echolink repeater for Harrisburg. The installation date will be soon. Sorry it is taking so long. Watch for W3ND-R to appear on Echolink.

<http://www.echolink.org/>  
<http://en.wikipedia.org/wiki/Echolink>

Editions of EchoLink are also available for two of the major [smartphone](#) platforms. In February 2010, an edition of EchoLink was released for the Apple [iPhone](#), [iPad](#), and [iPod touch](#) on the App Store. In August 2010, an edition of EchoLink was released for the [Android](#) platform, and is now available on the Android Market. Both the iOS and Android editions were created by Jonathan Taylor (K1RFD), the author of the original Windows edition. Set W3ND-R as one of your favorites.

This repeater will resume the space shuttle audio transmissions and may be linked with other repeater systems in the state.

## **CAT 1000 CONTROLLER-145.47**

<http://catauto.com/cat1000.html>  
The CAT 1000 and Weather Alerts have been restored.

The CAT-1000 is packed with features normally reserved for controllers costing thousands of dollars more. Built on the foundation of the very successful CAT-500, this controller incorporates the features suggested by their customers.

## **IRLP-145.29**

This repeater has been operational without issues.  
<http://irlp.net/>

## **DAUPHIN COUNTY REPEATER- 145.11**

No issues or new features.  
Skywarn Net weekly.  
It just keeps working.

## **UHF REPEATER-444.45**

This repeater is out of service and will be returned as soon as it is relocated from a standalone short cabinet to a special in rack mounting system. It has been upgraded for linking with the Cornwall UHF repeater and the Reeser's Summit UHF repeater.

## **DAUPHIN COUNTY UHF REPEATER-448.075**

Inappropriate language has resurfaced. We will discuss this further at the next meeting.  
It just keeps working

## **BLUE MOUNTAIN**

Four huge racks with front and rear doors are operational. A 5 GHz link between Blue Mountain and Cornwall mountain & Reeser's Summit has been reliable. The microwave dishes have been replaced with high performance dishes. The 5 GHz link to PEMA provides a connection for telephone, fax, and emergency internet. PEMA has agreed to host a wireless internet service provider for us. The monthly charge and the equipment have all been donated. Cisco routers will be used to carry the audio between repeaters.

## **REESER'S SUMMIT**

The antennas will be mounted as soon as climbers are available. APRS and UHF are operating with low temporary antennas. The high powered six meter base station is on site. A 5 GHz link between White Rock and Reeser's Summit has been reliable with a throughput of 300/300 Mbps including overhead. White Rock will support the six meter receive equipment since the noise is the lowest in the area. A 5 GHz link between Blue Mountain and Reeser's Summit has also been reliable with a throughput of 300/300 Mbps including overhead. Cisco routers will carry the audio interconnections.

## **CORNWALL MOUNTAIN**

This location provides UHF coverage into Lebanon and Lancaster counties. A 5 GHz link between Cornwall Mountain and Blue Mountain has been reliable with a throughput of 150/150 Mbps including overhead over a 26 mile path. A 5 GHz link between Cornwall Mountain and SPARC is operational.

## **SUPPORT YOUR CLUB!**

This is your club. Come out and support it. Please do make comments at the meeting about your ham needs.

Please pay your dues if you haven't done so. The funds are needed for the insurance, telephone control, and electricity. We have not been able to secure donations from those entities.

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

### **PEMA AND OTHER LOCAL 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/crslist.asp](http://www.training.fema.gov/EMIWeb/IS/crslist.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.

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.

### **FINALLY SOMETHING NEW TO REPORT:**

The June issue of QST Magazine (pages 80 and 81) contains an excellent article on the Incident Command System and how it can be applied to Field Day.

## **SECRETARY/TREASURER'S REPORT: Dave Hoffman, N3PRO**

### **ELECTION RESULTS**

President: WA3CPO Gary Blacksmith, MD  
Vice President: KA3AAA Terry Phillips  
Secretary: KA3ECQ Terry Ash  
Treasurer: KA3ECQ Terry Ash  
Past President: K3SZX Alan Abt  
Trustee: KA3AAA Terry Phillips  
Member at large: WA3MMD Bob Kurtinecz  
Member at large: N3JQM Neil Shatto  
Member at large: AA3T Nick Rylatt  
Alternates: KA0JQO Kevin Maglouglin  
KB3RRV Mike Brulo  
K3DRE Doug Evans

**CHECK YOUR DUES STATUS**, I have not deleted anyone yet, check the expire column.

<https://spreadsheets.google.com/cc?key=0AqbaOdIUx-hcdEw0OGhpWndSQ2FISzFqVW5ILXhhTmc&hl=en&authkey=C1bT4ugC>

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

Note: CPRA accepts no responsibility for content or availability at present date. I will pull these from the newsletter next issue, if I don't hear otherwise.

### **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:** KA3ECQ Terry Ash  
**Treasurer:** KA3ECQ Terry Ash  
**Past President:** K3SZX Alan Abt  
**Trustee for W3ND:** KA3AAA Terry Phillips  
**Member at large:** WA3MMD Bob Kurtinecz  
**Member at large:** N3JQM Neil Shatto  
**Member at large:** AA3T Nick Rylatt  
**Alternates:** KA0JQO Kevin Magloughlin  
 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, 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.  
1430 Marene Drive, Harrisburg, PA 17109**

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