

Central Pennsylvania Repeater Association Inc.

W3ND November 2013

NOTICE: The next meeting of CPRA will be held at The Wharf on Derry Street in Harrisburg on Thursday, November 21st at 7:00 PM.

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

The next meeting of CPRA will be held at The Wharf on Derry Street in Harrisburg on Thursday, November 21 at 7:00 PM. At this meeting we will discuss CPRA field day. The concept was approved at the last meeting. This Field Day will not be an event relying on just hams from our existing organization. 50% of the manpower may come from outside groups and individuals. HRAC has been invited to participate. This field day will be a success for several reasons that will be explained at the meeting.

TECHNICAL STUFF:

Cable Problems:

Outdoor CAT5 cable at Blue Mountain was discovered to be defective. The cable was exposed to intense UV radiation from the sun and was deteriorating. It was turning green and the jacket was decomposing and flaking off. Two camera cables and a cable to the access point (5 GHz) were discovered to be green. They were replaced. Other cable runs at other locations have this cable and all have been replaced except for Truce in Lancaster County. That location is having its cable replaced on Sunday, November 17. The manufacturer will replace the cable and damaged equipment.

The IRLP lost its internet connection via PEMA HQ. NOROC, a wireless internet service provider, supplies this service free of charge for the club. The internet connection was changed to an alternate gateway. The reception of the WISP at PEMA HQ was restored. We are waiting for a suitable period to see if the NOROC gateway is reliable. Meanwhile we are using a gateway in Carlisle.

Camera System:

The camera system has been upgraded recently. We have 10 cameras on this network and an additional 10 cameras on separate networks. The total is now 20 cameras viewing mountain top locations. They may be viewed using Google Chrome, not Internet Explorer. <HTTPS://airvision.kb3hjc.net:7443>. Click on "proceed anyway". In order to obtain a security certificate you must register and pay a FEE. We are not in a position to pay a fee.

Username: cpin Password: cpin

Click on live view to view the cameras and select an individual camera or a group of cameras. Please do not logon and watch for days. This ties up assets and the available bandwidth is metered. Waggoner's Gap and SPARC (Manheim) are not illuminated at night...enjoy.

Cumberland County TV System:

The Cumberland County EOC has 32 or more flat panel TVs. There are 32 inputs and each TV can select a specific input. One of the inputs is the RACES room. A computer is being installed in the RACES room to connect to the video server located off-site. Any of the cameras can be selected to be displayed on the flat panel TVs. We are using an HDMI connection and cameras capable of 720p. None of the cameras available to the County are in high definition. Picture quality should be impressive. We are still Beta testing the system.

Repeater Linking Project:

The linking project is gaining momentum. We are adding a link to the Reading area to the Berks Amateur Radio Club (BARC). The primary purpose of this link is to connect the BARC repeaters with repeaters in the Harrisburg area. We have a microwave presence at Eagles Peak and will be adding a link over a 15 mile path (one hop) to Mt Penn in Reading. A generous donation has been made for the equipment and tower work.

PEMA Microwave Linking System:

From Mt Penn a 15 mile path is being evaluated to the PEMA Eastern Office. This would provide a microwave connection from PEMA HQ to the Eastern Office. On December 5th we will be meeting with the Communications group for the eight county area. The request was made to connect via their 8 county microwave system to every RACES room located in each county 911 center. This would provide a telephone, fax, and control of amateur repeaters. Commercial software may be available to control each amateur repeater connected to the system.

Emergency Power:

Emergency power at Blue Mountain may soon be a reality. We met with the chief engineer at Clear Channel and worked on outstanding issues. If you have skills in running power through metal conduits and are able to provide assistance contact Terry Phillips painsp@hotmail.com. During the discussion for emergency power, the disposal of the abandoned metal building across the road from the building that we occupy came up. Clear Channel has given us permission to remove the building and keep the funds for recycling the building. This is your chance to bend and cut metal. Contact Kevin if you are interested. krmjqo@earthlink.net.

COMMUNICATION STANDARDS:

As a club we strive to maintain high standards. Please continue to maintain these standards in all your communications. Language must conform to acceptable norms. Please report errant behavior to our trustee for further possible action. painsp@hotmail.com At the next meeting we will have an update concerning the two individuals that were asked not to use any of the CPRA repeaters.

UPDATE ON W3TWB:

Tim Barefoot, W3TWB (formerly AA3BJ) collapsed at a recent W3HZU club meeting. He was taken to the York Hospital and was in critical condition. Tim is home and has made an amazing recovery. Prompt CPR at the York Club House made a difference.

K3SRZ SILENT KEY: <http://obits.pennlive.com/obituaries/pennlive/obituary.aspx?n=w-michael-greaney&pid=167654163&fhid=28173>

THIS IS YOUR CLUB. COME OUT AND SUPPORT IT. NEW IDEAS ARE WELCOME.

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

PEMA AND OTHER LOCAL NETS AND FREQUENCIES:

Central Area Net meets on **3993.5 KHz** Sundays at **8:30 AM** Local. **Central Area PEMA frequencies are: 3993.5 KHz - Primary**, Alternates: 3984.5 KHz, 3999.5 KHz, 7248.5 KHz, and 7250.5 KHz The Eastern Area meets on **3987.5 KHz** Sunday mornings at **9:00 AM** Local. The Western Area meets on **3990.5 KHz** Sunday mornings 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**. Eastern, Central and Western Area Stations are called in that order. The **New York State** net usually meets on **3993.5 kHz** at **9:00 AM** right after our Central Area net. **The weekly Harrisburg Amateur Radio Club Information Net** is held Wednesdays 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** meets Wednesday evenings at 9:00 PM local on the 145.11 RACES repeater. All are welcome to check in.

ON-LINE OPERATOR TRAINING AVAILABILITY:

NIMS (**National Incident Management System**) courses, including ICS 100, 200 and 700 discuss emergency management organization and how we fit into the process, and provide certification, are available on-line. **Yes, you need it!** The **Amateur Radio Emergency Communications Course Levels 1 and 2**, available from the ARRL, cover Amateur Radio emergency operating procedures. You should at least read these too! The June 2011 issue of QST Magazine (pages 80 and 81) provides an excellent introductory article on the NIMS. Page 79 of the March 2012 issue of QST contains further information on training and certification of ARES operators.

PHILADELPHIA PACKET NETWORK:

From EPAEPTN Net Manager W3JY, Malvern PA, October 11 2013
To all radio amateurs / permission granted to forward

FOR IMMEDIATE RELEASE

W3JY 3RN NTSD MBO is now operational on 144.950MHz near Malvern, serving Chester, Delaware and Montgomery counties, located immediately south of Malvern in northern Willistown, grid FN20fa.

W3JY-MBO has been in fulltime HF Pactor operation since the spring of 2010 and has passed several thousand radiograms reliably and efficiently. The new 2m Packet capability brings NTSD to Technician Class operators and ARES EOC radio rooms in the Western Philadelphia suburbs.

The National Traffic System/Digital network complements traditional phone and CW NTS circuits and is based on a specially modified version of the Winlink Classic (3.1) software that allows for automatic message routing over an "RF Only" mesh network. NTSD's backbone is a series of HF MBOs utilizing Pactor III. Section and local operators can access these MBOs using Winlink Classic or, more commonly, Airmail 2000. VHF/UHF Packet is an optional mode in this system, which supplements the backbone with common Packet capability used and well-understood by thousands of Amateurs.

Additional to Airmail and standard Packet network compatibility, NTSD Packet MBOs are text-message interoperable with Winlink2000 (although they lack B2F compression for binary attachments). Inquiries about NTSD or requests for W3JY MBO usage should be directed to w3jy@arrl.net

“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:	K3DRE Douglas Evans
Member at large:	AA3T Nick Rylatt
Alternates:	KA0JQO Kevin Magloughlin KB3RRV Mike Brulo N3JQM Neil Shatto
Web Master:	N3PRO Dave Hoffman
IRLP Committee:	KA0JQO Kevin Magloughlin
ACS/RACES team:	KB3BAA Marty Gutekunst, Dauphin County ACS Officer KB3OTY Rodney Gallagher, Assistant PEMA ACS Officer K3DRE Doug Evans
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
444.55+	Extended coverage to North, CTCSS 123.0 Hz
446.425-	Reeser's Summit, 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. Yes, Thanksgiving is major, so it will be the Wednesday before, according to Tim Shingara. 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

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! Most renewals are due by April. You must renew to vote in the election. USE THIS MEMBERSHIP APPLICATION**

Thanks! Please make your check payable to:

**Central Pennsylvania Repeater Association, Inc.
C/O Terry Ash
4335 Rodkey Road, Harrisburg, PA 17110**

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

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: _____