

Central Pennsylvania Repeater Association Inc.

W3ND October 2013

NOTICE: The next meeting of CPRA will be held at The Wharf on Derry Street in Harrisburg on Thursday, October 17 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, October 17 at 7:00 PM. At this meeting we will discuss having a CPRA field day. We need the concept approval of those attending. 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. 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. Other cable runs at other locations may have this cable and they need to be replaced. 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. This failure could be more defective cable or some other cause. It is under investigation. PEMA HQ has just secured a contractor to go on the roof and make the necessary repairs.

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. Go to this link: <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. Use the following:

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. The quality of the picture should be impressive. We are still Beta testing the system.

Repeater Linking Project:

The linking project is gaining momentum. Several UHF repeaters will be linked soon.

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 An amateur's repeater privileges were recently withdrawn. The letter that was sent will be available for review at the next meeting.

PRAY FOR ONE OF OUR FELLOW HAMS:

Tim Barefoot, W3TWB (formerly AA3BJ) collapsed at a recent W3HZU club meeting. He was taken to the York Hospital and is in critical condition. Our thoughts and prayers go out to Tim.

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.

EIGHT COUNTY RACES INTERCONNECTION:

On October 8, 2013, Gary gave a presentation to the Communications subcommittee of the SCTF at the Lancaster County Public Training Center. The current build out of the Central Pennsylvania IP Network (CPIN) was reviewed. The management software was demonstrated and the multiple camera system was streamed in full motion at the meeting.

One of the goals of the system is to have connections with every RACES room in the eight county area. The microwave consultant spoke up and said we can do that today. The SCTF can provide an interconnect over their microwave system to every RACES room in the eight county area. This will be discussed at the next technical meeting and the approval appears to be likely. An Ethernet connection will be supplied to each location and probably will be sent over a VLAN or its equivalent. This will also allow a connection to the CPIN system for access to transmitters (VHF & UHF), fax, telephone, cameras, internet gateways, and anything else we can come up with.

Gary Blacksmith, WA3CPO

PHILADELPHIA PACKET NETWORK:

EPA Bulletin: W3JY NTSD Packet Serving Western Philly Suburbs
QST de W3JY
EPA Bulletin 2 EPAB002

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

MORE NOTICES AND INFO: **Gathered by Your Editor, Roger, W3HUP**

HERSHEY HALF MARATHON:

Operators are needed for support of the Hershey Half-Marathon the morning of October 20th. Operators will support aid stations and provide communications during the event. Approximate times

are 0700 till 1300. Contact KB3BAA if interested. Marty Gutekunst, 717-652-3702, 717-439-8971 cell, KB3BAA

“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. 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: _____