

Central Pennsylvania Repeater Association Inc.

W3ND September 2013

NOTICE: The next CPRA meeting will be a tour of the 193rd Air National Guard at the Harrisburg International Airport on **Wednesday, September 25th**.

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

The next meeting of CPRA will be a tour of the 193rd Air National Guard at the Harrisburg International Airport on Wednesday, September 25th. The meeting originally scheduled for Thursday, September 26th 2013 at The Wharf Bar & Grill has been cancelled. See all the details in the special meeting notice below!

MISC. TECHNICAL STUFF:

Emergency power is being planned for several mountain top sites. This will be discussed in detail at the next regular meeting. We are waiting for an administrative approval for work to begin at Blue Mountain for connection to an existing generator.

PEMA HQ had interference to a portable UHF repeater last week. Tim Shingara brought his spectrum analyzer and found that an unknown signal was present from 443 to 447 Mhz. In that signal were square waves traveling from 443 to 447 Mhz. At twice that frequency a similar pattern was seen. It was identified as part of the State 800 Mhz radio system. These radios were located in the next room. It was concluded that the spurious emissions were likely within FCC specs.

Outdoor CAT5 cable at Mt Holly was discovered to be defective. The cable ran from the upper part of a building 80 ft. in the air to the safety rail and then down to a transmitter attached to a support pole. 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. The braid was visible and was allowing water to penetrate the cable. The water ran down the inside of the cable and caused the Ethernet connection to short. The transmitter was damaged and had to be replaced. Other cable runs 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.

Four 24 port switches were installed at PEMA HQ. A different gateway is available on each switch. This allows someone to quickly change gateways in the event of a failure. Each gateway has a DHCP server. Static addresses are not needed. Most of the state computers cannot have a static address installed.

1. Comcast Business—Carlisle
2. Comcast Extreme—Carlisle

3. Verizon FIOS—Harrisburg
4. NOROC—WISP Harrisburg

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 <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.

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.

FIELD DAY 2014:

CPRA Field Day 2014 is a possibility. The next regular meeting will include a discussion about the feasibility of this becoming a reality. This will require a commitment from the membership. The next General CPRA meeting will be held on Thursday, October 17, 2013

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

This is your club. Come out and support it. New ideas are welcome.

SPECIAL MEETING NOTICE: From WA3CPO, Gary Blacksmith, MD



The 193rd SOW's primary wartime and contingency operations mission is to broadcast radio and television signals to target populations from an airborne transmitter, jamming existing television and radio signals where necessary. Messages are not developed within the wing itself, but are provided by staff of the United States Army's 4th Psychological Operations Group (Airborne), based at Fort Bragg, North Carolina. You do not need to be a member of CPRA to attend. Your Spouse, children, and friends may accompany you. If you have questions please call: **Gary Blacksmith, WA3CPO at 574-0425.**

**CPRA, Inc. Special Meeting Notice
Wednesday, September 25, 2013**

**Please take note of the change of location and Date!
Please note the MANDATORY RSVP!**

Dinner or snacks will be on your own. Nothing will be available at the meeting.

Location:

Gathering time 5:30 PM
At the Wells Fargo Bank parking lot
310 West Main Street
Middletown, PA

From there we will car pool to the meeting site!

Special Requirements:

You MUST RSVP to (Rich Kaelberer, AB3RK – richkek@comcast.net or by phone at 717-571-0636) by NO LATER than 12 Noon on September 19th. Attendance will be closed at that time!

Anyone showing up for the meeting who has not registered in advance will politely be asked to return home without attending our gathering!

If you are willing to be a car pool driver / vehicle to provide transport from our gathering place to the 193rd, Richard will need the Make, Model, and License Number of your vehicle as part of your RSVP.

When each and every one of you who plan to attend RSVP, please provide RICHARD with **your full name as it appears on your Photo ID** (Example PA Driver's License) so that I may provide the information to the base security personnel. You will need to **bring that Photo ID with you** and be willing to present it for perusal.

You MUST be at the gathering point at the Wells Fargo Bank at 310 West Main Street, Middletown, PA by **no later than 5:30 PM**. We will depart promptly at that time for the 193rd SOW facility.

The Presentation:

We will be treated to a presentation on the mission of The 193rd Special Operations Wing of the Pennsylvania Air National Guard, as well as touring some part of their facility. Lt. Col. Richard Cook has generously agreed to provide us with what promises to be a very interesting program on this unique group within our nation's military. **This is a secure facility! The steps described above will be enforced.** Again, **please RSVP to: richkek@comcast.net**

For more information of interest follow these links:

<http://www.193sow.ang.af.mil/>

http://en.wikipedia.org/wiki/193d_Special_Operations_Wing

This special tour is instead of our regular monthly CPRA meeting. There will be no meeting on Thursday, September 19, 2013. **The next regular meeting will be held on Thursday, October 17, 2013 at 7:00 PM at THE WHARF.**

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.

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

ATLANTIC DIVISION ARRL INFORMATION FORUMS:

Dear ARRL Affiliated Club Representative/Newsletter Editor:

Through our travels and discussions throughout the Atlantic Division, division leadership has heard from many club officers of the need to share ideas about club issues and from club newsletter editors about the difficulty in gathering information for club newsletters. To that end, we have made arrangements for several amateur radio discussion forums to help that process. Current areas available for discussion are:

Amateur Radio Discussions Forum - general amateur radio discussions.

ARES - discussion of topics of interest to the Amateur Radio Emergency Service® (ARES). (ARES is a trademark of the ARRL). Discussions could include recruiting new members, how to work with local emergency management officials, what type of drills are effective, how to motivate volunteers, what type of training is necessary, succession planning... Files can be shared with other participants that might include Power Point presentations used for meeting topics and training.

Club Management - discussion of club management issues such as meeting topics, meeting formats, elections, recruiting, classes, succession planning, etc. Files can be uploaded to be shared with other participants of club presentations or photographs of club events. One common thread we've heard from club officers is the issue of what topics do we present at club meetings? Why not share with other participants what topics were successful and what topics weren't?

Club Newsletters – this is a place where newsletter articles can be uploaded to be shared with other club newsletter editors. This also can be a place to put news releases for other clubs to pick up for publication in their club's newsletter - this could include scholarship programs, hamfest announcements, local club events (past and upcoming), new club officer election results, etc...

Hamfest Management – For new or experienced hamfest organizers. Many clubs are using hamfests for club revenue. Hamfest attendance is declining at many hamfests, how can we reverse the trend? What other ways are there for clubs to build revenue outside of hamfests? What is the difference between an ARRL Affiliated Hamfest and an ARRL Convention? This is the place to share ideas on hamfest organization/management.

If there is enough interest for forums with new topics, new forums can be set up.

Our plan is that each forum will have one or more subject experts to help moderate the forum. The moderator(s) will help facilitate the discussions in the forum to keep it flowing and on topic. If you are interested in serving as a moderator, please send an email to moderators@atldiv.org with the name of the forum you'd like to help moderate and a list of your qualifications.

To participate in the forums, you will be asked to register your first initial + last name as your log-in.

The forums are located in the Amateur Radio Forums section at: www.bfdinforums.com

We've scheduled a webinar on Tuesday, September 17th at 9pm to demonstrate the club forums to ARRL affiliated club officers and Newsletter editors. To join in, please register early at the following link: <https://www1.gotomeeting.com/register/671790560>

To encourage participation, the Atlantic Division leadership will award one Atlantic Division Webinar DVD from www.atldiv.org/training to the club or participant posting the most helpful question or posting in one of the above forums each week for the next twelve weeks. The winner will be able to select which single DVD they'd like to receive. The winners will be announced in each of the above forums.

Bill Edgar N3LLR, Atlantic Division Director; Tom Abernethy W3TOM, Atlantic Division Vice Director

“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: _____