

Central Pennsylvania Repeater Association Inc.

W3ND April 2012

NOTICE: The next general meeting of the CPRA will be on Thursday, April 19, 6:30 PM at the Old Country Buffet, Harrisburg near Costco.

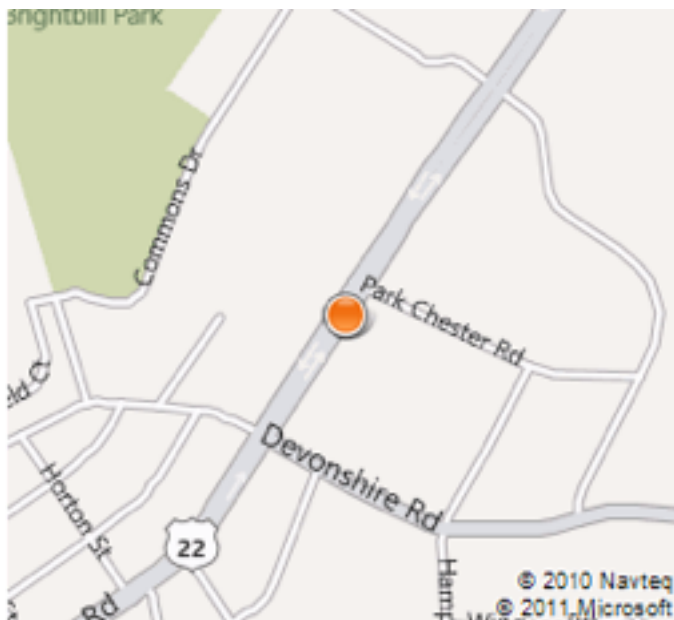
A MESSAGE FROM OUR PRESIDENT: From WA3CPO, Gary Blacksmith, MD

The next meeting of CPRA, Inc. will be held at 6:30 PM on Thursday, April 19, 2012 at The Old Country Buffet, Harrisburg. Eat at 6:30 PM with the meeting starting at 7:00 PM. The meeting will be over at 8:30 PM.

Old Country Buffet
5083 Jonestown Rd, Harrisburg, PA 17112
(717) 657-6290

Please feel free to ask any questions at the meeting.

The following will be discussed:



REPEATERS:

BLUE MOUNTAIN

1. 147.375 repeater operational, more features coming
2. 145.47 repeater operational as flagship repeater
3. 145.29 repeater full time IRLP repeater
4. 444.45 repeater operational
5. 5 GHz link to Reeser's Summit
6. 5 GHz link to Cornwall
7. 5 GHz access point
8. 5 GHz link to Marysville
9. 5 GHz link to PEMA HQ

- 10.5 GHz link to Ellendale in planning stages
- 11. Indoor camera with access over public internet
- 12. Outdoor camera with access over public internet

REESERS SUMMIT

- 1. 144.39 APRS Node
- 2. 446.425 repeater
- 3. 5 GHz link to Blue Mtn
- 4. 5 GHz link to White Rock
- 5. 5 GHz Access Point

NEWPORT

- 1. 446.425 repeater
- 2. Link to Blue Mtn in planning stages

ELLENDALE

- 1. 145.11 repeater Dauphin Co RACES
- 2. 448.075 repeater Dauphin Co RACES

POSSIBLE EXPANSIONS OF OUR SYSTEM:

ELIZABETHVILLE

A request has been by the hams from the Elizabethville group to extend the 5 GHz microwave from Blue Mtn to Elizabethville. This would provide full time linking from Upper Dauphin County to Lower Dauphin County. All other features of the network would be available also.

STEELTON

A request has been received from the Steelton EOC to join the network via the Reeser's Summit Access Point.

RED LION

A request has been received from the Red Lion area to join the network via the Red Lion relay point.

BIG FLAT

A request has been received by the hams at the Big Flat Amateur Group to join the network via Waggoner's Gap

ELECTIONS:

Elections have been postponed until May 17 to allow adequate time for ballots to be mailed to members and returned before or at the May meeting. And don't forget to renew your membership!

WORK PARTY:

A work party was formed to complete the outdoor grounding of all coaxial cables at Blue Mtn on Saturday April 14 the bus bar was badly oxidized. This required grinding of the copper bar to expose a freshly cleaned surface. New bolts clamped the wires to the bar and an oxidant retardant was applied to the wiring. New grounding clamp kits were used on the 7/8" coaxial cables. The lines were shaped to enter the building with a smooth bend. Excess wires were removed and entrance caps were sealed to prevent entrance by stink bugs. Coaxial lightning arrestors are used on the inside of the building. Grounding is now the best that we have ever had.

FUTURE PICNIC:

A picnic is planned at Blue Mountain this summer to give the membership an opportunity to see all the upgrades.

This is your club, come out and support it.

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

PEMA AND OTHER LOCAL NETS AND FREQUENCIES:

Central Area Net meets on **3993.5 KHz** every Sunday 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** every Sunday morning at **9:00 AM** Local

The 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.

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** meets 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:

NIMS (**National Incident Management System**) courses, including ICS 100, 200 and 700 certification are available on-line. They discuss emergency management organization and how volunteers such as us fit in to the process. The Amateur Radio Emergency Communications Course Levels 1 and 2, available from the ARRL, cover Amateur Radio emergency operating procedures. 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.

ANOTHER REMINDER ABOUT 5 MHZ BAND OPERATIONS:

In the USA, the 5MHz channels were requested, justified, and approved primarily for Amateur **Emergency and Disaster Communications** with tighter technical restrictions than on any other ham bands. We are secondary users; the Primary users of these channels must not be interfered with in any way. Non-interference with a Primary user isn't just a matter of stopping transmitting if you are asked to. It can also mean refraining from transmitting, if there is ***any chance*** that you might be preventing a Primary user from utilizing or starting communications on the channel, even if you are not asked specifically. The only way we can hope to fulfill our requirement for non-interference, is to use very short transmissions and listen/watch carefully between transmissions.

TASK FORCE FORMS TEAMS:

The Amateur Working Group for the South Central Task Force is forming teams to be on standby to be deployed to incidents out of our area. Members with ICS training and specified equipment are being assigned to teams to provide emergency communications for a minimum of 12 hours in a disaster. HEARS teams are also being formed to be able to be assigned to hospitals within our region to provide emergency communications support. ICS training is required to be assigned to these teams. Email Marty Gutekunst for details at kb3baa@arrl.net

UPCOMING OPERATIONAL EVENTS:

TOUR DE CURE MOUNTAIN RACE

May 20 Camp Mack in Lancaster/Lebanon counties
4 operators needed, rough conditions

TOUR DE CURE BIKE RACE

June 9 Grantville, covering Dauphin Lebanon and Berks Counties
20 operators needed (4 to 8 for chase support)

HORSE RIDE

July 28th and 29th Camp Weiser, 5 operators needed each day

HERSHEY HALF-MARATHON

October 21 Hershey, 5 operators needed

WIDE VIGELANCE

Week of September 17th - 23rd 2012, more to follow.

SITUATIONAL AWARENESS

March 27th Peach Bottom Drill

I will be at Airville Fire Company

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:	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)
224.18-	222.58 In, Blue Mtn, CTCSS 123.0
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!** 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.
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: _____